

Construction Noise Levels (Property Boundary)

Construction Equipment Noise Levels - 76 dBA	2
Construction Equipment Noise Levels - 77 dBA	3
Construction Equipment Noise Levels - 80 dBA	4
Construction Equipment Noise Levels - 82 dBA	5
Construction Equipment Noise Levels - 83 dBA	6
Construction Equipment Noise Levels - 84 dBA	7
Construction Equipment Noise Levels - 85 dBA	8
Construction Equipment Noise Levels - 88 dBA	9
Construction Equipment Noise Levels - 90 dBA	10

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	76 dBA
Reference Distance	50 feet
Note: Within 0-10 feet from the source, there is virtually no attenuation.	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	76.0 dBA
100	ft	70.0 dBA
150	ft	66.5 dBA
200	ft	64.0 dBA
400	ft	57.9 dBA
340	ft	59.3 dBA

Noise Contours	
Noise Level Contour	Distance from Source
80 dBA	32 ft
75 dBA	56 ft
70 dBA	100 ft
65 dBA	177 ft
60 dBA	315 ft
55 dBA	561 ft
50 dBA	998 ft
45 dBA	1774 ft

Attenuation and Contours

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	77 dBA
Reference Distance	50 feet
<i>Note: Within 0-10 feet from the source, there is virtually no attenuation.</i>	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	77.0 dBA
100	ft	71.0 dBA
150	ft	67.5 dBA
200	ft	65.0 dBA
400	ft	58.9 dBA
340	ft	60.3 dBA

Noise Contours	
Noise Level Contour	Distance from Source
80 dBA	35 ft
75 dBA	63 ft
70 dBA	112 ft
65 dBA	199 ft
60 dBA	354 ft
55 dBA	629 ft
50 dBA	1119 ft
45 dBA	1991 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	80 dBA
Reference Distance	50 feet
<i>Note: Within 0-10 feet from the source, there is virtually no attenuation.</i>	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	80.0 dBA
100	ft	74.0 dBA
150	ft	70.5 dBA
200	ft	68.0 dBA
400	ft	61.9 dBA
340	ft	63.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	50 ft
	75 dBA	89 ft
	70 dBA	158 ft
	65 dBA	281 ft
	60 dBA	500 ft
	55 dBA	889 ft
	50 dBA	1581 ft
	45 dBA	2812 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	82 dBA
Reference Distance	50 feet
Note: Within 0-10 feet from the source, there is virtually no attenuation.	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	82.0 dBA
100	ft	76.0 dBA
150	ft	72.5 dBA
200	ft	70.0 dBA
400	ft	63.9 dBA
340	ft	65.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	63 ft
	75 dBA	112 ft
	70 dBA	199 ft
	65 dBA	354 ft
	60 dBA	629 ft
	55 dBA	1119 ft
	50 dBA	1991 ft
	45 dBA	3540 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	83 dBA
Reference Distance	50 feet
Note: Within 0-10 feet from the source, there is virtually no attenuation.	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	83.0 dBA
100	ft	77.0 dBA
150	ft	73.5 dBA
200	ft	71.0 dBA
400	ft	64.9 dBA
340	ft	66.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	71 ft
	75 dBA	126 ft
	70 dBA	223 ft
	65 dBA	397 ft
	60 dBA	706 ft
	55 dBA	1256 ft
	50 dBA	2233 ft
	45 dBA	3972 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	84 dBA
Reference Distance	50 feet
Note: Within 0-10 feet from the source, there is virtually no attenuation.	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	84.0 dBA
100	ft	78.0 dBA
150	ft	74.5 dBA
200	ft	72.0 dBA
400	ft	65.9 dBA
340	ft	67.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	79 ft
	75 dBA	141 ft
	70 dBA	251 ft
	65 dBA	446 ft
	60 dBA	792 ft
	55 dBA	1409 ft
	50 dBA	2506 ft
	45 dBA	4456 ft

Attenuation and Contours

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate <i>(Choice: 3, 4.5, 6, or 7.5)</i>	6 dBA/Doubling of Distance
Reference Noise Level	85 dBA
Reference Distance	50 feet
<i>Note: Within 0-10 feet from the source, there is virtually no attenuation.</i>	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	85.0 dBA
100	ft	79.0 dBA
150	ft	75.5 dBA
200	ft	73.0 dBA
400	ft	66.9 dBA
340	ft	68.3 dBA

Noise Contours	
Noise Level Contour	Distance from Source
80 dBA	89 ft
75 dBA	158 ft
70 dBA	281 ft
65 dBA	500 ft
60 dBA	889 ft
55 dBA	1581 ft
50 dBA	2812 ft
45 dBA	5000 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	88 dBA
Reference Distance	50 feet
Note: Within 0-10 feet from the source, there is virtually no attenuation.	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	88.0 dBA
100	ft	82.0 dBA
150	ft	78.5 dBA
200	ft	76.0 dBA
400	ft	69.9 dBA
340	ft	71.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	126 ft
	75 dBA	223 ft
	70 dBA	397 ft
	65 dBA	706 ft
	60 dBA	1256 ft
	55 dBA	2233 ft
	50 dBA	3972 ft
	45 dBA	7063 ft

Noise Attenuation and Contours	
Input Variables	
Point or Line Source	Point
Hard or Soft Site	Hard
Attenuation Rate (Choice: 3, 4.5, 6, or 7.5)	6 dBA/Doubling of Distance
Reference Noise Level	90 dBA
Reference Distance	50 feet
<i>Note: Within 0-10 feet from the source, there is virtually no attenuation.</i>	

Noise Level at Receiver		
Distance to Receiver		Noise Level
50	ft	90.0 dBA
100	ft	84.0 dBA
150	ft	80.5 dBA
200	ft	78.0 dBA
400	ft	71.9 dBA
340	ft	73.3 dBA

Noise Contours		
Noise Level Contour		Distance from Source
	80 dBA	158 ft
	75 dBA	281 ft
	70 dBA	500 ft
	65 dBA	889 ft
	60 dBA	1581 ft
	55 dBA	2812 ft
	50 dBA	5000 ft
	45 dBA	8891 ft