

Sound level testing parameters (using Decibel X app)

- Frequency rating: A-weighted (standard for MA Division of Air Quality Control Policy)
- Response time: Fast (includes quickly varying noise)
- Calibration: Linear (not professionally calibrated)
- Readings: Average, Maximum, Minimum, Peak

Readings taken between around 2PM and 3PM on Feb. 20, 22, and 26, 2023, for about 4-6 minutes at each location.

Results

Location	Average	Maximum	Minimum	Peak	
<i>2/20/23</i>					*Light wind
1	51.1	71	32.5	78.1	
2	43.9	65.2	32.9	72.9	*Construction noise
3	38.7	56.6	30.4	65.9	*Hill, exposed
4	58.3	73.1	33.5	74.9	*Traffic
<i>2/22/23</i>					*Colder
1	44.6	59.7	31.6	68.4	
2	42.2	64.3	29.2	73.7	*Construction noise
3	51	75.4	30.8	79.2	*Hill, exposed
4	63	78.7	32.8	80.5	*Traffic
<i>2/26/23</i>					*Heavier wind, colder
1	53.5	73.3	37.2	78.2	
2	48.9	68.3	36	75.5	
3	68.4	87.7	41.2	92.9	*Hill, exposed
4	63.1	79.4	38.2	86.5	*Traffic
For reference					
Inside car on State Rd., WT, afternoon 2/20/23	65.2	73.8	45	81.1	
Inside house on Oak Ln., WT, afternoon 2/20/23	41.1	62.7	25.6	72.4	
Inside Oak Bluffs Post Office, afternoon 2/27/23	55.4	80.3	33.7	89.3	
On Circuit Ave., afternoon 2/27/23	54.9	69.8	41.8	77.2	

3-Day Averages

Location	Average	Maximum	Minimum	Peak
1	49.7	68	33.8	74.9
2	45	65.9	32.8	74
3	52.7	73.2	34.1	79.3
4	61.5	77.1	34.8	80.6

Average dB(A)

