

## Noise levels measured at ten Continuous Noise Monitoring Stations in Bangalore city for the year – 2016-17

Sl. No	Name of the Station	Limitd dB(A) Leq	Day Time			% Increase	Limits dB(A) Leq	Night Time			% Increase
			Leq	L min	L max			Leq	L min	Lmax	
1	Peenya Industrial Area	75	<b>59.1</b>	48.7	85.3	Within limit	70	<b>54.1</b>	50.1	79.3	Within limit
2	White field Industrial Area	75	<b>66.1</b>	56.9	90.1	Within limit	70	<b>61.3</b>	50.1	83.1	Within limit
3	Marathahalli	65	<b>54.3</b>	45.9	81.4	Within limit	55	<b>53.4</b>	47.1	76.7	Within limit
4	ParisaraBhavan, Church Street	65	<b>66.8</b>	55.1	81.9	<b>2.73%</b>	55	<b>60.3</b>	49.7	77.0	<b>9.70%</b>
5	Yeshwanthpur Police Station	65	<b>72.2</b>	66.4	84.8	<b>10.93%</b>	55	<b>63.5</b>	57.5	74.6	<b>15.41%</b>
6	Nisarga Bhavan	55	<b>55.4</b>	44.9	85.4	<b>1.10%</b>	45	<b>50.4</b>	42.0	77.5	<b>12.25%</b>
7	TERIOffice, Domlur	55	<b>62.5</b>	49.9	86.4	<b>13.65%</b>	45	<b>56.5</b>	39.5	76.9	<b>25.60%</b>
8	BTM Lay out	55	<b>64.0</b>	53.4	89.5	<b>16.40%</b>	45	<b>62.5</b>	52.7	82.0	<b>38.90%</b>
9	NIMHANS	50	<b>60.3</b>	50.1	86.5	<b>20.67%</b>	40	<b>54.8</b>	42.6	80.4	<b>36.93%</b>
10	RVCE, Mysore Road	50	<b>59.0</b>	51.5	84.1	<b>18.05%</b>	40	<b>54.4</b>	46.3	74.6	<b>35.92%</b>

**Note:**

Sl.No	Category of Area	Day Limit ddB(A) Leq	Status	Night Limits dB(A) Leq	Status
1	Industrial Area	75	Within limit	70	Within limit
2	Commercial area	65	2.7 to 11.0 % exceeded	55	9.70 % to 15.4 exceeded
3	Residential Area	55	1.1 % to 16.4 % exceeded	45	12.25 % to 38.9 % exceeded
4	Sensitive Area	55	18.0 % to 20.7 % exceeded	45	36.0 % to 38.90 % exceeded

- Day time shall mean from 6.00 AM to 10.00 PM, Night time shall mean from 10.00PM to 6.00 AM
- Silence zone is an area comprising not less than 100 meters around Hospitals, Educational Institutions, Courts, Religious places or any other which is declared as such by the competent authority.
- dB(A) Leq denotes the time weighted average of the level of sound decibels on scale “A” which is relatable to human hearing.
- “A” decibel is a unit in which noise is measured.
- “A” in dB(A) Leq, denotes the frequency weighting in the measurements of noise and corresponds to frequency response characteristics of the human ear.
- “Leq” it is energy mean of the noise level over a specific period.

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