***Noise Pollution Monitoring***

* A 20-foot-wide plantation inside the property isolates the house from the noise of moving vehicles.
* Putting in place acoustic zoning, which involves dividing populous areas from noise-producing areas like airports, train stations, and other industrial facilities. Silence zones should be established in hospitals, schools, and essential offices.
* Safety gear like cotton plugs or ear muffs should be provided to employees working on noisy projects.
* Noise pollution from air traffic can be reduced with the right insulation and noise introduction.
* Airport takeoff and landing regulations.
* Power tool use at night, loud music, land movers, loudspeaker use at public events, etc., should all be forbidden. It is forbidden to utilize appliances—such as horns, sirens, and refrigerators—excessively. Avoid using too many noisy, air-polluting firecrackers.
* By planting a lot of trees to create buffer zones that are covered in flora and absorb noise.
* It’s important to keep musical instrument noise within appropriate limits.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Location | Highest value | Lowest value | Average(db) | Std Dev+ or - |
|  |  |  |  |  |
| Chennai Merina | 80.6 | 64.5 | 72 | 78.4 |
| Marine Lines | 80.3 | 54.3 | 34.3 | 70.3 |
| charni Road | 82.5 | 87.3 | 78.01 | 72.4 |
| Mumbai central  (tardo) | 91.4 | 23.5 | 23.34 | 99.4 |
| Haji Ali | 84.3 | 62.3 | 43.3 | 103.2 |
| Mahalakshmi | 84.2 | 78.9 | 23.3 | 104.2 |
| Dr.E. Moses Road | 94 | 33.2 | 67.3 | 99.3 |
| OMR | 86.6 | 67.4 | 34.8 | 70.4 |
| light house | 104.2 | 33.5 | 98.3 | 22.3 |
| Guindy | 78.3 | 22.9 | 109.3 | 65.3 |
| Saidapet | 62.9 | 99.1 | 64.3 | 98.4 |
| koyambedu | 43.2 | 211.3 | 45.3 | 55.4 |
| Thenapet | 64.9 | 106.4 | 98.6 | 22.4 |
| Mount Road | 50.9 | 54.3 | 54.2 | 54.3 |
| Meenambakkam | 78.4 | 78.4 | 99.01 | 22.3 |
| Thirisulam | 65.8 | 89.4 | 63.2 | 24.9 |
| Pallavaram | 45.3 | 34.2 | 44.3 | 34.5 |
| Pazhavanthangal | 43.7 | 34.2 | 45.4 | 23.7 |
| Egmore | 89 | 89.3 | 67.4 | 87.4 |
| Chennai central | 55.7 | 76.3 | 22.3 | 66.5 |
| kodambakkam | 65.9 | 23.01 | 98.4 | 8.5 |
| Nungambakkam | 33.4 | 43.3 | 88.3 | 102.4 |
| Chethpat | 76.9 | 102.3 | 67.3 | 87.2 |
| Mambalam | 22.4 | 112.4 | 78.3 | 99.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Std Error | Varience | Leq | Nc | Lnp(NPL) |
| 77.3 | 23.3 | 45.3 | 104.5 | 67.3 |
| 56.3 | 43.3 | 34.6 | 90.1 | 30.2 |
| 32.4 | 67.3 | 87.5 | 30.4 | 90.23 |
| 55.4 | 104.2 | 90.5 | 35.67 | 67.3 |
| 66.4 | 64.2 | 45.3 | 89.2 | 45.32 |
| 98.4 | 67.3 | 89.4 | 88.33 | 78.34 |
| 32.5 | 11.2 | 90.4 | 45.9 | 66.34 |
| 56.2 | 108.3 | 85.3 | 33.22 | 12.45 |
| 88.3 | 56.3 | 46.7 | 10.3 | 98.57 |
| 87.2 | 88.3 | 102.5 | 56.3 | 87.33 |
| 45.3 | 22 | 105.3 | 29.4 | 55.1 |
| 86.4 | 87.3 | 78.4 | 68.44 | 108.2 |
| 99.4 | 98.3 | 13.45 | 78.34 | 139.3 |
| 99.3 | 199.3 | 90.3 | 108.3 | 78.22 |
| 88.3 | 178.3 | 99.3 | 45.2 | 64.23 |
| 22.3 | 67.3 | 78.3 | 46.2 | 78.33 |
| 77.8 | 34.1 | 90.2 | 78.4 | 33.22 |
| 45.6 | 98.5 | 89.3 | 26.2 | 89.45 |
| 107.3 | 102.5 | 44.3 | 90.3 | 46.34 |
| 66 | 56.2 | 23.5 | 23.4 | 78.3 |
| 77.4 | 87.4 | 90.4 | 90.28 | 33.44 |
| 64.2 | 98.4 | 45.7 | 45.67 | 90.33 |
| 54.2 | 32.4 | 78.4 | 104.8 | 66.3 |
| 12.4 | 90.4 | 87 | 104.6 | 78.5 |

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