

REPORT ON AMBIENT NOISE MONITORING DURING GANESH FESTIVAL, 2017



MAHARASHTRA POLLUTION CONTROL BOARD

Kalpataru Point, 3rd Floor, Sion (East), Mumbai-400011

Website: www.mpcb.gov.in

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Foreword

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Abbreviations

CPCB	Central Pollution Control Board
dB	Decibel
dB(A)	Decibels with "A" weighting
EPA	Environmental Protection Act, 1986
Hz	Hertz
MPCB	Maharashtra Pollution Control Board
KHz	Kilo Hertz
L_{Aeq}	Equivalent continuous A-weighted sound pressure level (dB)
L_{max}	Maximum sound pressure level (dB)
L_{min}	Minimum sound pressure level (dB)
SPL	Sound Pressure Level

Introduction

Ganesh festival is one of the most important festival celebrated throughout Maharashtra. The Ganesh festival starts with Ganesh Chaturthi and continuous for 11 days upto Anand chaturthi. The festival begins with bringing idol of Lord Ganesh to homes and pandals or tents which are decorated. With With soaring chants and traditional drum beats, the deity arrives to the place which would be his abode for the next 11 days. The days to be followed are marked with regular morning and evening ceremonies and special events of singing religious songs, traditional dances and chanting prayers. The last day of the Ganesh Chaturthi festival is the most exciting of all, the devotees gather around the idol in large numbers to worship and pray for the last time as the idol is carried away to be immersed in water. This ritual is known as Ganesh Visarjan. The Hindus believe that the form of things in the universe constantly changes, however the energy remains and the immersion of the idol in water serves to them as a reminder of that. The idol decorated with flowers and fabrics is carried out of the pandals amidst a procession of devotees singing and dancing to the beats of the large drums chanting phrases in praise of the lord and urging him to come back again next year.

Many people promotes in carrying out eco-friendly ganesh festival, but still a lot of pollution and environmental damage caused by Plaster of Paris idols, chemical paints, Pooja items like Thermocole, plastic flowers, cloth, incense, camphor and numerous other materials, drums, dhols etc. Both noise and water pollution are created during the festival. Flowers, fruits, incense sticks stuffed in polyethylene bags, idols made of Plaster of Paris that are toxic for under-water ecology, all go straight into local water bodies. Noise pollution are created by dhols tasha, pakhwaj etc. during the Ganesh idols are brought and also while they are taken for visarjan. Also noise pollution are created from loud speakers which are installed at mandals and used for playing devotional songs and announcements and other programmes.



Maharashtra Pollution Control Board have been carrying out study of the ambient noise levels in the state of Maharashtra during the period of Ganesh Festival for more than 10 years as a continuous process. Noise monitoring was carried out at 135 locations from 27 Municipal Corporation of Maharashtra for 5 days period during Ganesh Festival i.e. on 25th, 26th, 29th & 31st August and 5th September 2017 from 6 PM to 12 AM for each location which comprise of residential, commercial and silence zone.

A Review of Noise Descriptors

Sound is usually made up of a wide range of different frequencies. The spread of sound energy across the audible frequency "spectrum" (about 20Hz – 20kHz) is one factor that helps to make it identifiable to the human ear. The human ear is a very sensitive system with an extensive dynamic range. To accommodate this very large range, sound levels are measured using the **decibel (dB) scale**.

A sound level meter theoretically has a flat response, in other words it responds exactly the same at different frequencies. Unlike a sound level meter, the human ear responds differently at different frequencies, so a weighting, or filter, can be used so that the meter responds more like the human ear. The most commonly used weighting is referred to as the '**A**' weighting and readings are usually measured in dBA. The "**sound pressure level**" (SPL) is twenty times the logarithm to the base 10 of the ratio of the effective pressure (p) of a sound to the reference pressure (Pr) of 20 µPa. Thus the sound pressure level in dB = 20 log₁₀ P/Pr.

In most cases, the sound and noise we hear are not steady. Apart from variation in tones, the magnitude or the sound pressure level of a sound or noise changes with time. The equivalent continuous noise level (Leq) is the sound pressure level of a steady sound that has, over a given period, the same energy as a fluctuating sound in question.

The sound level limits specified by CPCB, represent the general limitation on noise produced by noise sources. Some noises, however, are annoying no matter where or in what kind of environment they exist. High level impulsive noises represent a special category and, consequently, are restricted by an absolute limitation.

The Central Pollution Control Board (CPCB) constituted a National Committee of Experts on Noise Pollution Control. The Committee recommended noise standards for ambient air and for automobiles, domestic appliances and construction equipment, which were later notified under The Environment (Protection) Act, 1986 as given below:

Table 2.1: Standards of Noise Levels under EPA (1986): Noise Pollution (Regulation & Control) Rules, 2000

Area Code	Category of Area	Limits in dB(A) L _{eq}	
		Day time	Night time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note:

1. Day time is reckoned from 6 A.M. To 10 P.M.
2. Night time is reckoned in from 10 P.M. and 6 A.M.

3. Silence zone is referred as areas within 100 meters around premises such as hospitals, educational institutions and courts. The Silence zones are to be declared by the Competent Authority.
4. Use of vehicular horns, loudspeakers and bursting of crackers shall be banned in these zones.
5. Mixed categories of areas should be declared as one of the four above mentioned categories by the Competent Authority and the corresponding standards shall apply.

State GR / Notification: Implementation Authority for Noise Rules in Maharashtra is enclosed at **Annexure - III**

Methodology of the project

The ambient noise monitoring was carried out during the period of Ganesh Festivals for 135 locations which is covered under 27 Municipal Corporation all over Maharashtra. The monitoring was carried out for 5 days considering the noise that generate during the festival. 6 hours noise monitoring was carried out from 6PM to 12AM on 25th, 26th, 29th, 31st August and 5th September 2017. The noise monitoring was carried out using calibrated Sound Level Meters (Type II) kept at the fast response mode keeping in view the quickly changing nature of noise levels, and using 'A' filter.

The details of number noise monitoring locations in different Municipal Corporation all over Maharashtra as provided in **Table 3.1** below:

Table 3.1: Noise Monitoring Locations in Maharashtra during Ganesh Festival: 2016.

Sr.	Municipal Corporation	Number of locations
1.	Mumbai	25
2.	Navi Mumbai	05
3.	Thane	09
4.	Pune	20
5.	Nashik	05
6.	Aurangabad	05
7.	Nagpur	05
8.	Kalyan	03
9.	Amravati	03
10.	Jalgaon	03
11.	Kolhapur	03
12.	Sangli	03

Sr.	Municipal Corporation	Number of locations
13.	Mira – Bhyander	03
14.	Vasai – Virar	03
15.	Ulhas nagar	03
16.	Bhiwandi – Nizampur	03
17.	Chandrapur	03
18.	Nanded – Waghala	03
19.	Ahmednagar	03
20.	Dhule	03
21.	Malegaon	03
22.	Pimpri – Chinchwad	03
23.	Parbhani	03
24.	Latur	03
25.	Akola	03
26.	Solapur	04
27.	Panvel	03
Total No. of stations		135

The detailed list of locations is given in **Annexure I.**

Results

Hourly Noise Levels on 25th, 26th, 29th, 31st August & 5th September 2017 during Ganesh Festival at different locations in Maharashtra is given in **Annexure IV**. The equivalent steady sound level of a noise energy-averaged over time was calculated represented as L_{eq} based on which the impact of noise created during the festival is measured. The formula for calculating L_{eq} is as given below:

$$L_{eq, T} = 10 \log \left(1 / n \sum_{i=1}^n 10^{\frac{L_i}{10}} \right)$$

Where, L_i = levels observed at n equally spaced times during interval T.

In the present study, hourly and day wise L_{eq} has been calculated to compare the results obtained from various locations.

I. Noise Levels on 26th August, 2017

Ganesh chaturthi was celebrated on this day. Idols of Lord Ganesh is brought home, pandals etc. mostly by covering the face. The mode of transportation of the Idols also differ from walking to using cars, bikes, hand carts etc. It is sometime also accompanied by dhols, dancing and chantings.



1. Mumbai

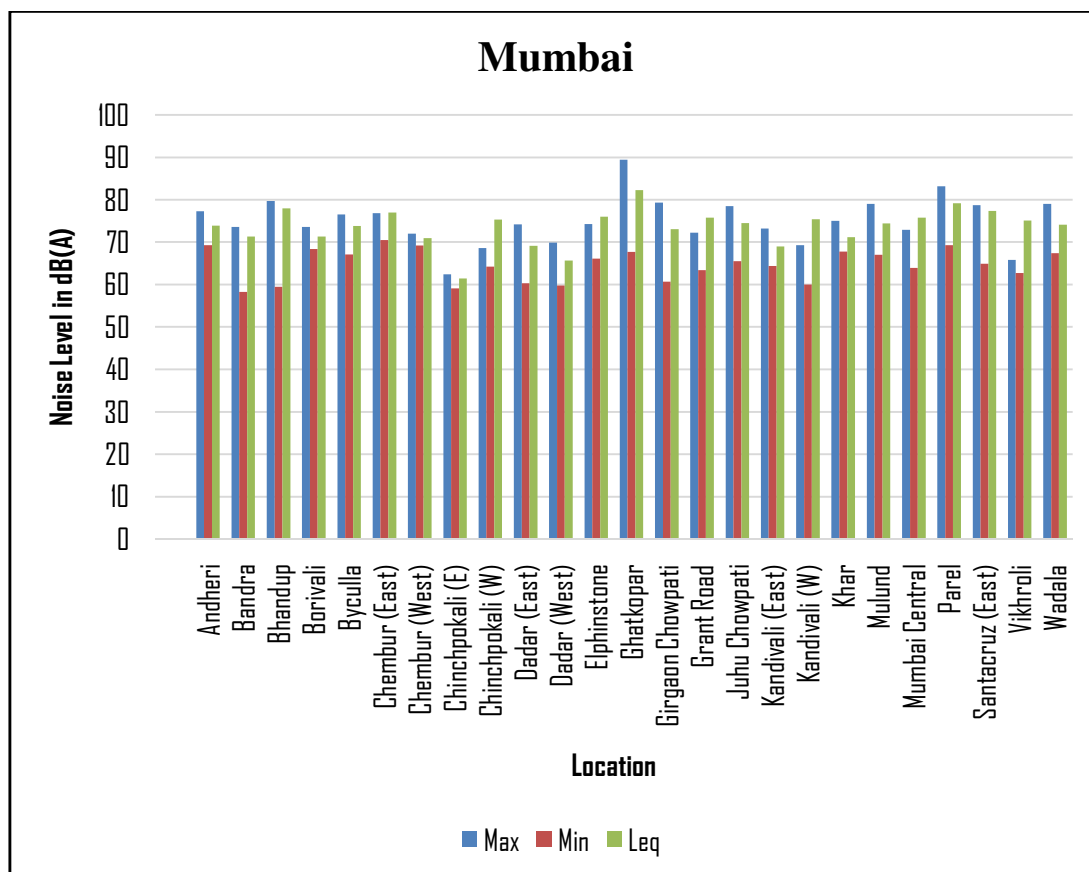
In Mumbai a total of 25 location where monitored. The highest noise level was observed at Ghatkoper with 82.3 dB(A). The noise level was moderate on the first day at all locations as there was no visarjan on the same day. The increase in noise level was mainly due to the prayers and other programmes taken place at various pandals, apartments etc.

Table 4.1: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Mumbai

Location	L_{max}	L_{min}	L_{eq}
Andheri	77.3	69.3	73.9
Bandra	73.6	58.3	71.3
Bhandup	79.7	59.5	78.0
Borivali	73.6	68.4	71.3
Byculla	76.5	67.1	73.8
Chembur (East)	76.8	70.5	77.0
Chembur (West)	72.0	69.2	70.9
Chinchpokali (E)	62.4	59.1	61.4
Chinchpokali (W)	68.6	64.2	75.3
Dadar (East)	74.2	60.3	69.1
Dadar(West)	69.9	59.8	65.6
Elphinstone	74.3	66.1	76.0
Ghatkoper	89.4	67.7	82.3
Girgaon Chowpati	79.3	60.7	73.0
Grant Road	72.2	63.4	75.8
Juhu Chowpati	78.5	65.5	74.5
Kandivali (East)	73.2	64.4	69.0
Kandivali (W)	69.3	60.0	75.4
Khar	75.0	67.8	71.1
Mulund	79.0	67.0	74.4
Mumbai Central	72.9	63.9	75.7
Parel	83.2	69.3	79.2

Location	L _{max}	L _{min}	L _{eq}
Santacruz (East)	78.7	64.9	77.3
Vikhroli	65.8	62.7	75.1
Wadala	79.0	67.4	74.1

Chart 4.1: Hourly Noise levels on 25th August, 2017 in Mumbai



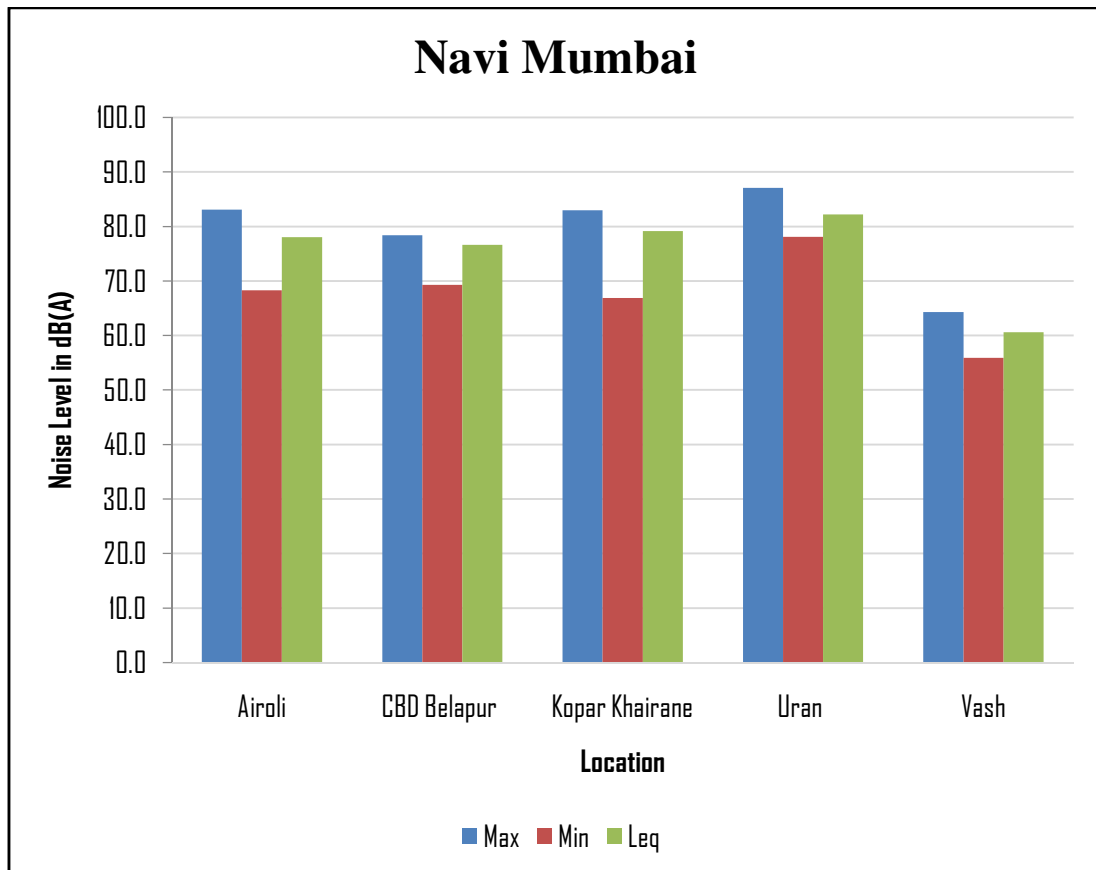
2. Navi Mumbai

In Navi Mumbai a total of 5 location where monitored. The highest noise level was observed at Uran with 82.2 dB(A).

Table 4.2: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Navi Mumbai

Location	L_{max}	L_{min}	L_{eq}
Airoli	83.1	68.3	78.0
CBD Belapur	78.4	69.3	76.6
Kopar Khairane	83.0	66.9	79.2
Uran	87.1	78.1	82.2
Vashi	64.3	55.9	60.6

Hourly Noise levels on 25th August, 2017 in Navi Mumbai

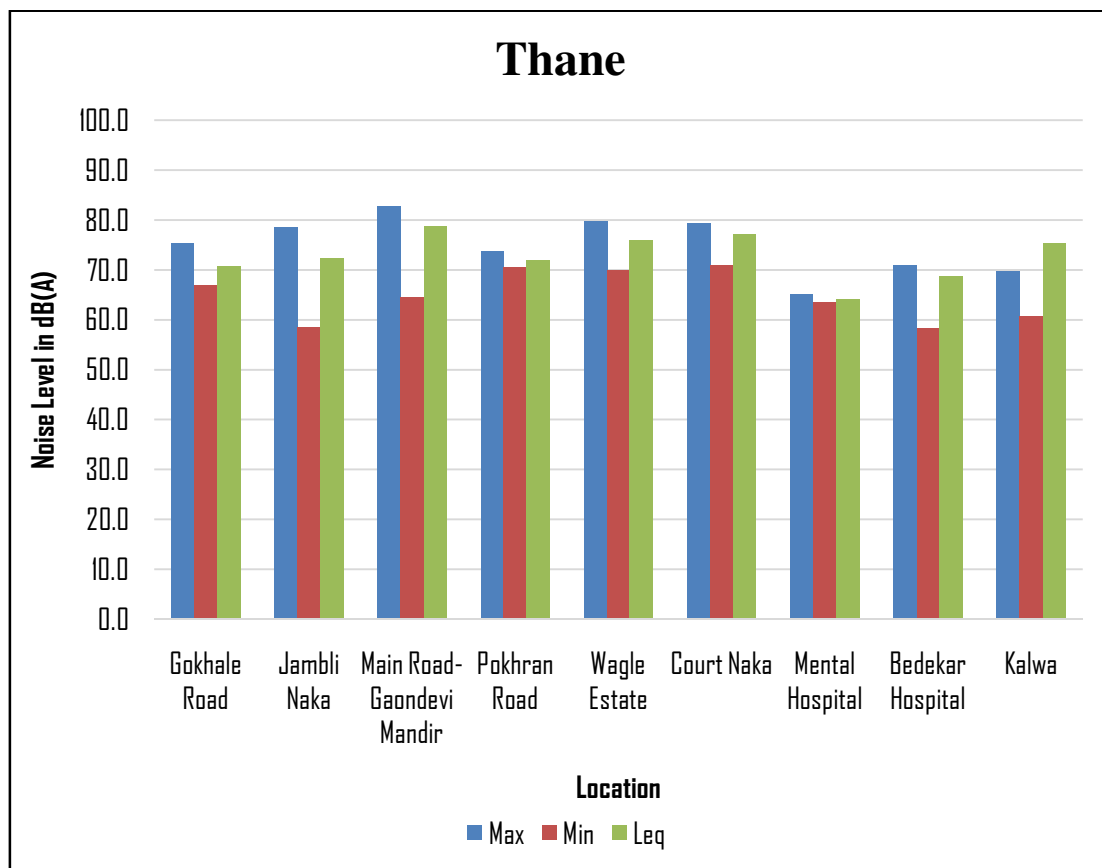


3. Thane

A total of nine locations were monitored in Thane region. The highest noise level was observed at Main Road- Gaondevi Mandir with 78.9 dB(A) and was caused due to traffic congestion.

Table 4.3: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Thane

Location	L_{max}	L_{min}	L_{eq}
Gokhale Road	75.3	67.0	70.7
Jambli Naka	78.6	58.5	72.5
Main Road- Gaondevi Mandir, Naupada	82.8	64.6	78.9
Pokhran Road- Vartak Nagar Chowk	73.8	70.5	72.0
Wagle Estate- Raila Devi Lake	79.8	69.9	75.9
Court Naka	79.4	71.0	77.1
Mental Hospital	65.1	63.5	64.2
Bedekar Hospital	71.0	58.3	68.7
Kalwa- Chatarpati Shivaji Maharaj Hospital	69.7	60.8	75.3

Hourly Noise levels on 25th August, 2017 in Thane


4. Pune

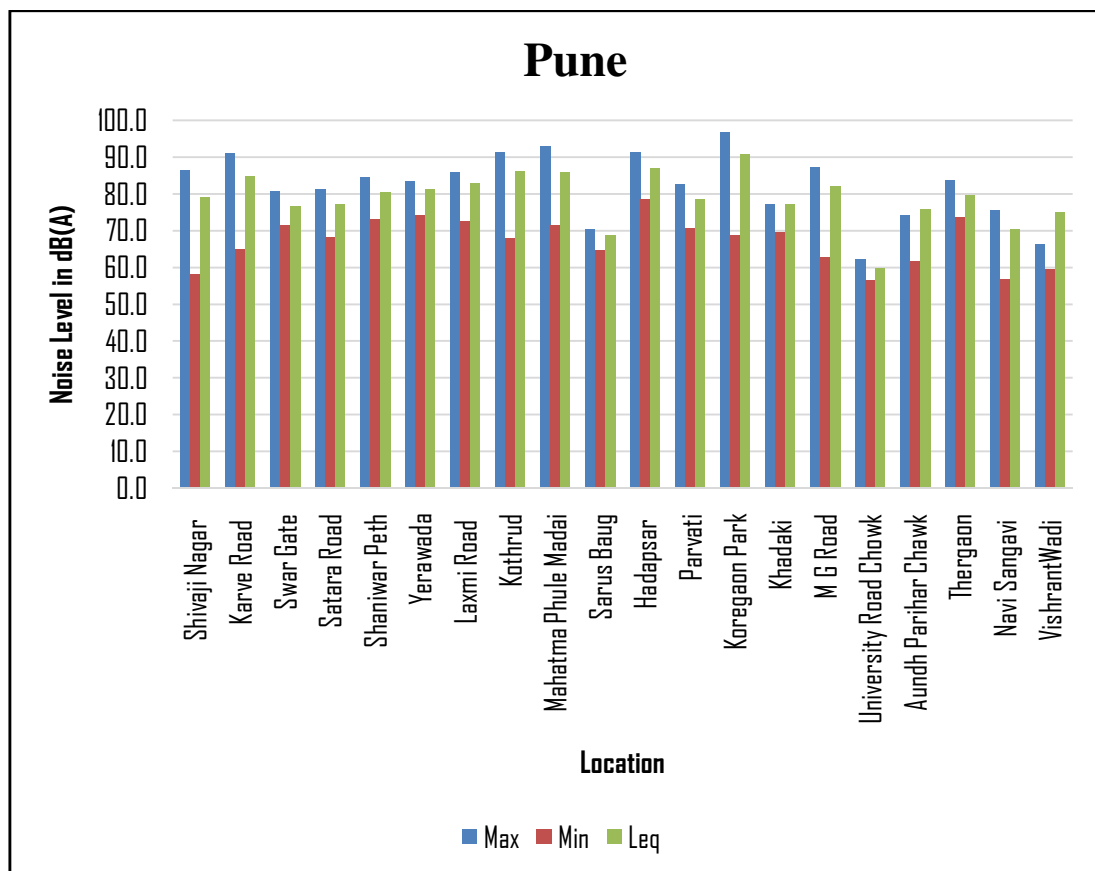
Out of the twenty locations monitored in Pune region, the highest noise level was observed at Koregaon park with 90.9 dB(A). The increase in noise level was due to traffic and crowd.

Table 4.4: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Pune

Location	L_{max}	L_{min}	L_{eq}
Shivaji Nagar	86.4	58.1	79.1
Karve Road	91.0	65.0	84.7
Swar Gate	80.6	71.6	76.6
Satara Road	81.3	68.1	77.1
Shaniwar Peth	84.7	73.2	80.5
Yerawada	83.5	74.3	81.1
Laxmi Road	86.0	72.5	82.9
Kothrud	91.3	67.9	86.3
Mahatma Phule Madai	93.1	71.5	85.8

Location	L _{max}	L _{min}	L _{eq}
Sarus Baug	70.4	64.6	68.7
Hadapsar	91.4	78.5	86.9
Parvati	82.6	70.6	78.6
Koregaon Park	96.8	68.7	90.9
Khadaki	77.2	69.5	77.2
M G Road	87.3	62.7	82.1
University Road Chowk	62.3	56.6	59.9
Aundh Parihar Chowk	74.3	61.8	75.9
Thergaon	83.7	73.6	79.6
Navi Sangavi	75.5	56.8	70.3
VishrantWadi	66.4	59.5	75.1

Hourly Noise Ivels on 25th August, 2017 in Pune



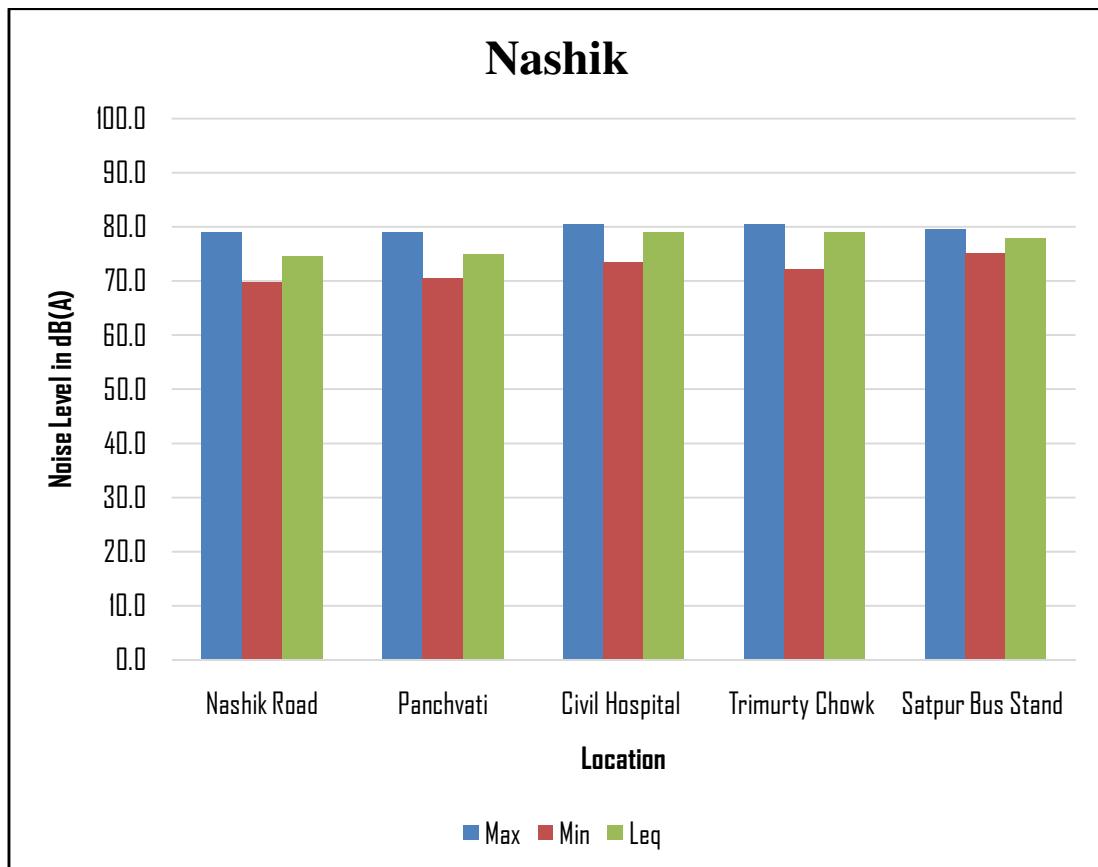
5. Nashik

Five locations were monitored for Nashik region and the highest noise level was observed at Civil hospital which is considered to be a silent zone with 79 dB(A). The increase in noise level was due to traffic and near by pandals.

Table 4.5: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Nashik

Location	L_{max}	L_{min}	L_{eq}
Nashik Road	78.9	69.7	74.6
Panchvati	79.1	70.5	74.9
Civil Hospital	80.5	73.5	79.0
Trimurty Chowk	80.6	72.2	78.9
Satpur Bus Stand	79.6	75.1	77.9

Hourly Noise levels on 25th August, 2017 in Nashik



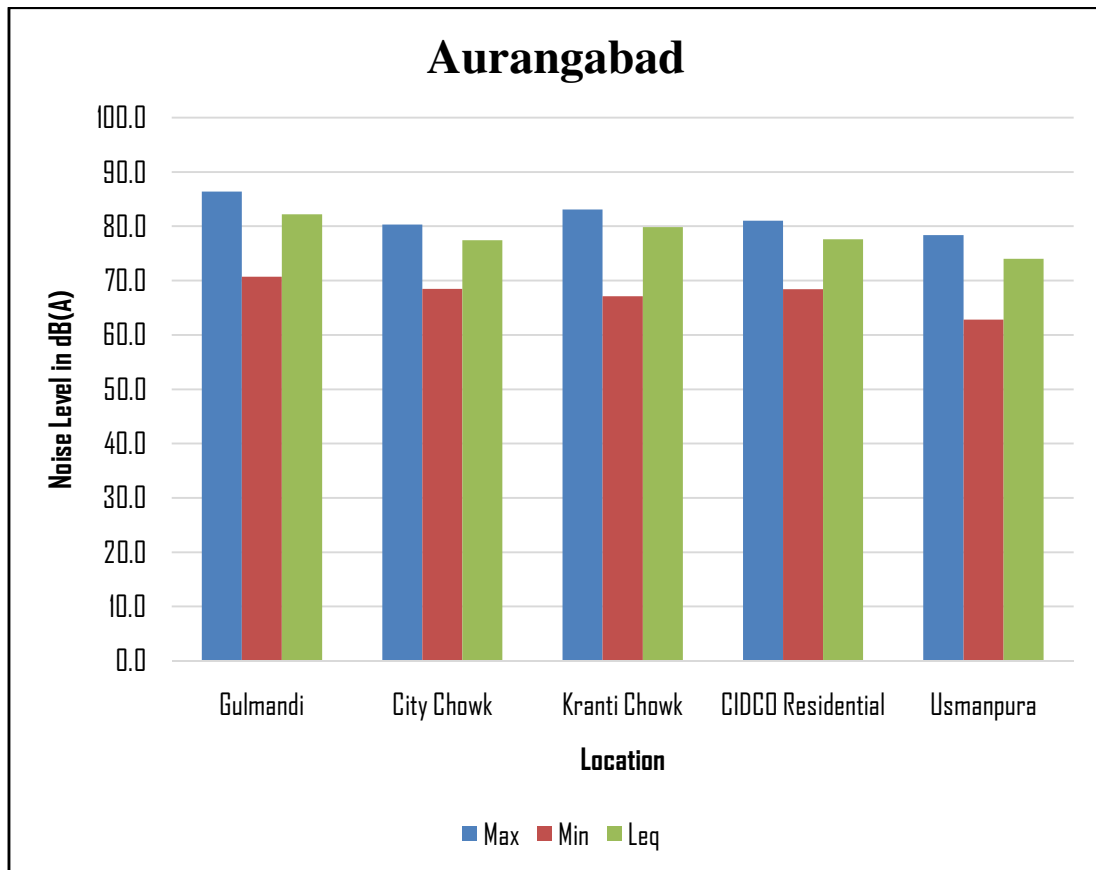
6. Aurangabad

Out of the five locations monitored at Aurangabad region, Gulmandi was found to have the highest noise level with 82.2 dB(A). Near by pandals and traffic was the main reason for increase in the noise level in the region.

Table 4.6: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Aurangabad

Location	L_{max}	L_{min}	L_{eq}
Gulmandi	86.4	70.7	82.2
City Chowk	80.3	68.5	77.4
Kranti Chowk	83.1	67.1	79.8
CIDCO Residential	81.0	68.4	77.6
Usmanpura	78.4	62.8	74.0

Hourly Noise levels on 25th August, 2017 in Aurangabad



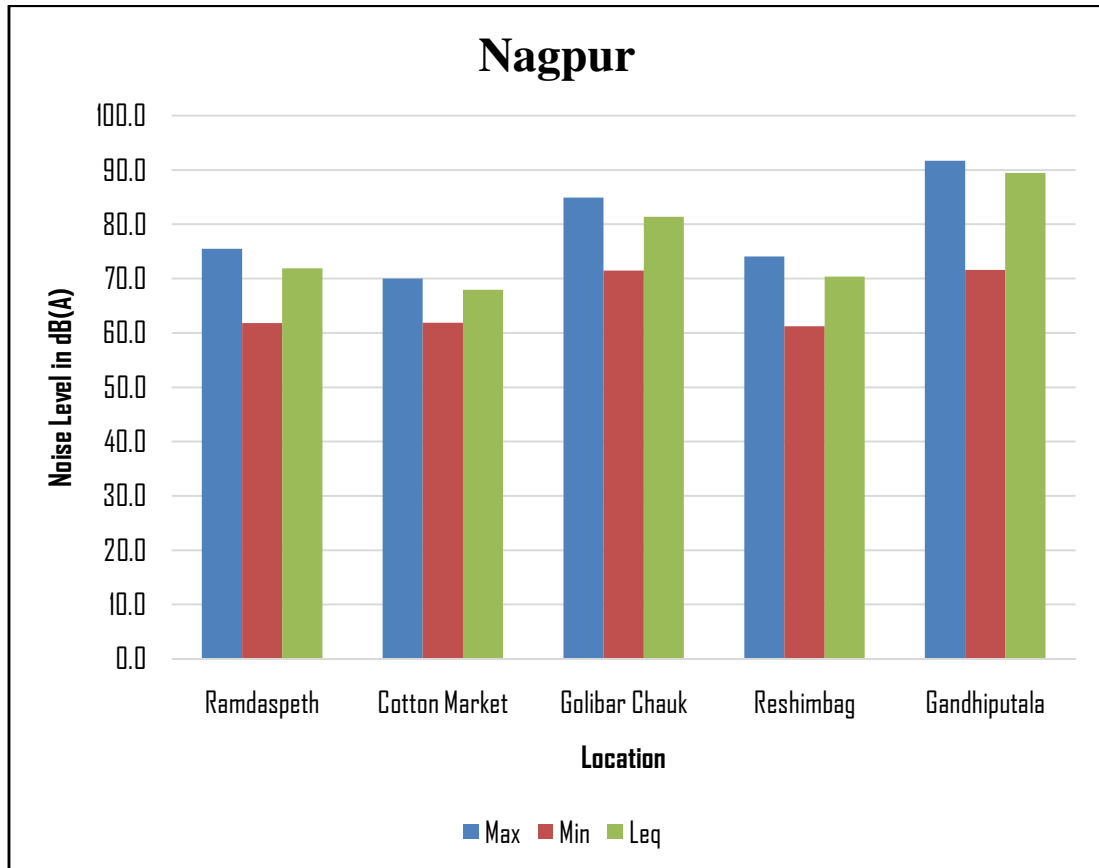
7. Nagpur

In Nagpur region also 5 loactions was monitored. Gandhiputala was found to have the highest noise level with 89.5 dB(A). Traffic was the main reason for the increase in noise level.

Table 4.7: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Nagpur

Location	L_{max}	L_{min}	L_{eq}
Ramdaspath	75.5	61.8	71.9
Cotton Market	70.0	61.9	67.9
Golibar Chauk	84.9	71.5	81.4
Reshimbag	74.1	61.2	70.3
Gandhiputala	91.7	71.6	89.5

Hourly Noise levels on 25th August, 2017 in Nagpur



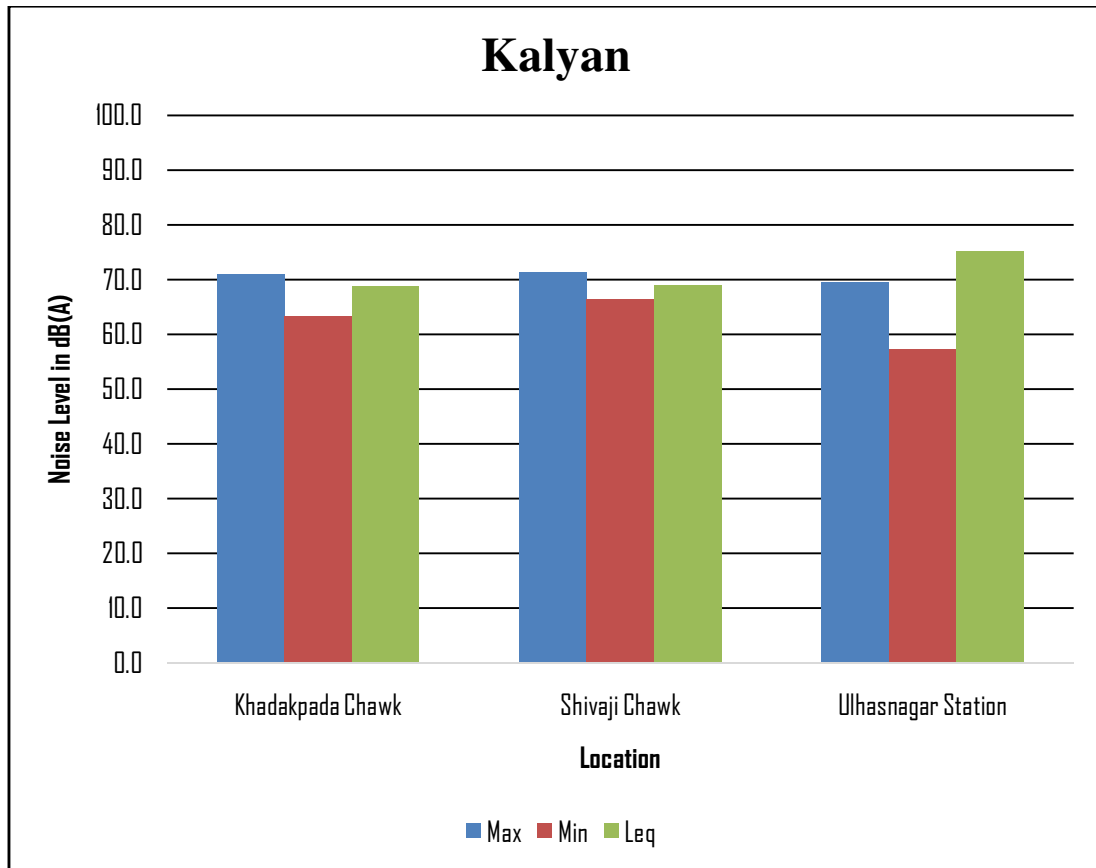
8. Kalyan

Out of three locations monitored in Kalyan region, the highest noise level was observed at Ulhasnagar station with 75.3 dB(A). The noise level was high mainly due to the crowd and hawkers near station and loud speakers from the pandals installed near the station.

Table 4.8: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Kalyan

Location	L_{max}	L_{min}	L_{eq}
Khadakpada Chawk	71.0	63.4	68.7
Shivaji Chawk	71.4	66.5	69.0
Ulhasnagar Station	69.5	57.3	75.3

Hourly Noise levels on 25th August, 2017 in Kalyan



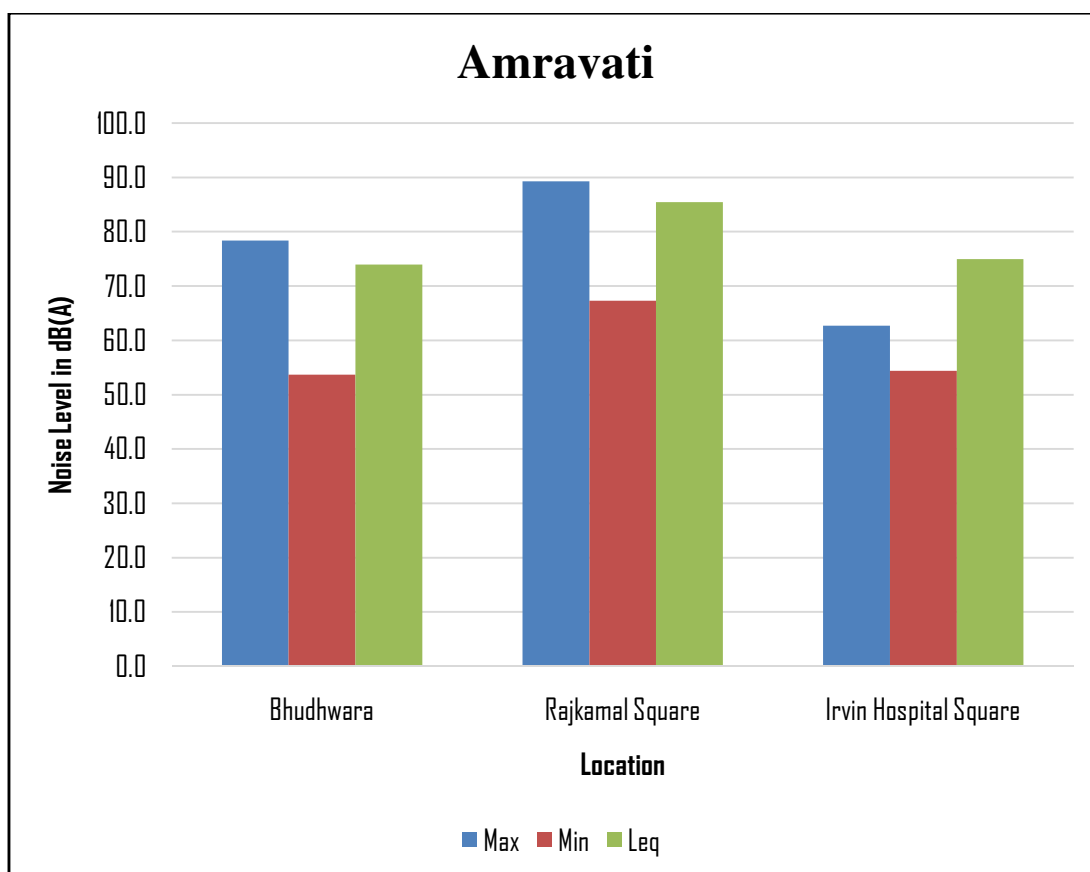
9. Amaravati

Three locations monitored for Amravati region, Rajkamal Square was found to highest noise level with 85.5 dB(A). The main reason for the increase in noise level in this region is traffic flow.

Table 4.9: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Amaravati

Location	L_{max}	L_{min}	L_{eq}
Bhudhwara	78.4	53.7	74.0
Rajkamal Square	89.3	67.3	85.5
Irvin Hospital Square	62.7	54.4	75.0

Hourly Noise levels on 25th August, 2017 in Amaravati



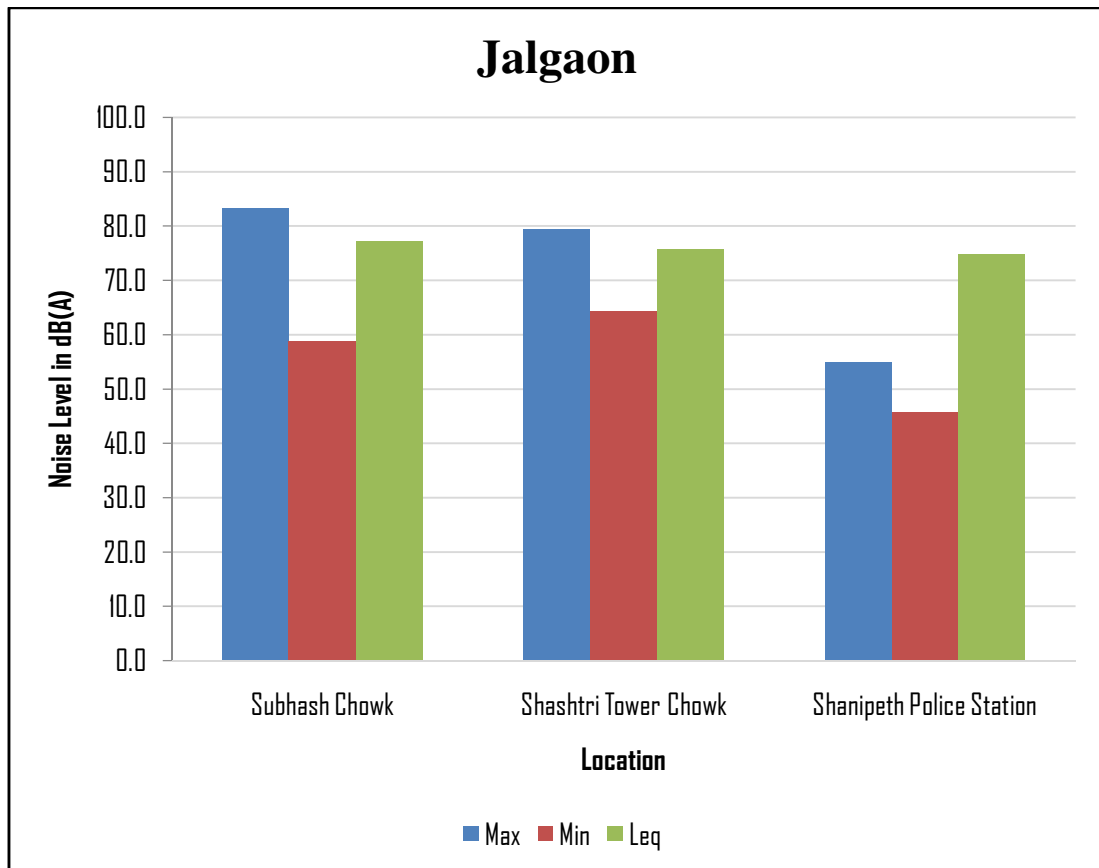
10. Jalgaon

In Jalgaon region also three locations were monitored and the increase in noise level at Subhash Chowk with 77.4 dB(A) was also mainly due to traffic.

Table 4.10: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Jalgaon

Location	L_{max}	L_{min}	L_{eq}
Subhash Chowk	83.4	58.8	77.4
Shashtri Tower Chowk	79.5	64.3	75.7
Shanipeth Police Station	54.9	45.7	74.8

Hourly Noise levels on 25th August, 2017 in Jalgaon



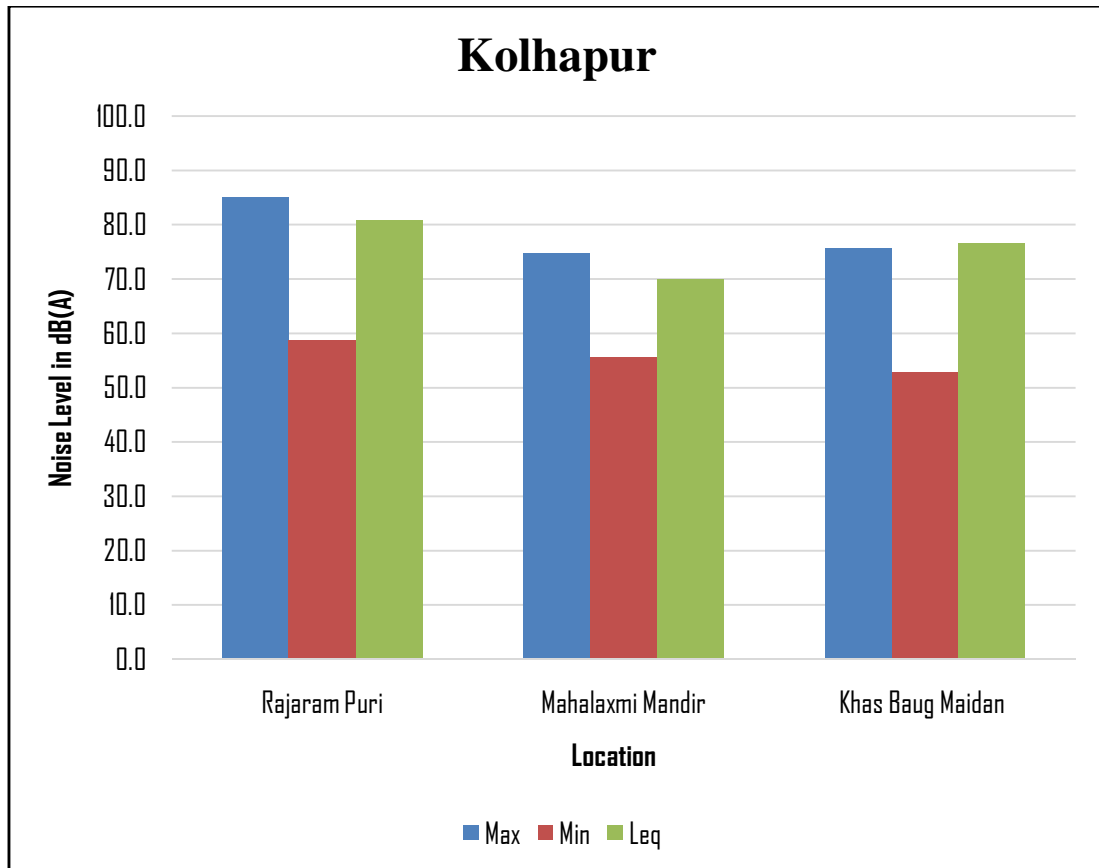
11. Kolhapur

Kolhapur region was also noisy during the first day of Ganesh festival but was comparatively lesser than the other regions. The highest noise level was observed at Rajaram Puri with 80.9 dB(A).

Table 4.11: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Kolhapur

Location	L_{max}	L_{min}	L_{eq}
Rajaram Puri	85.2	58.8	80.9
Mahalaxmi Mandir	74.7	55.7	70.0
Khas Baug Maidan	75.7	52.9	76.6

Hourly Noise levels on 25th August, 2017 in Kolhapur



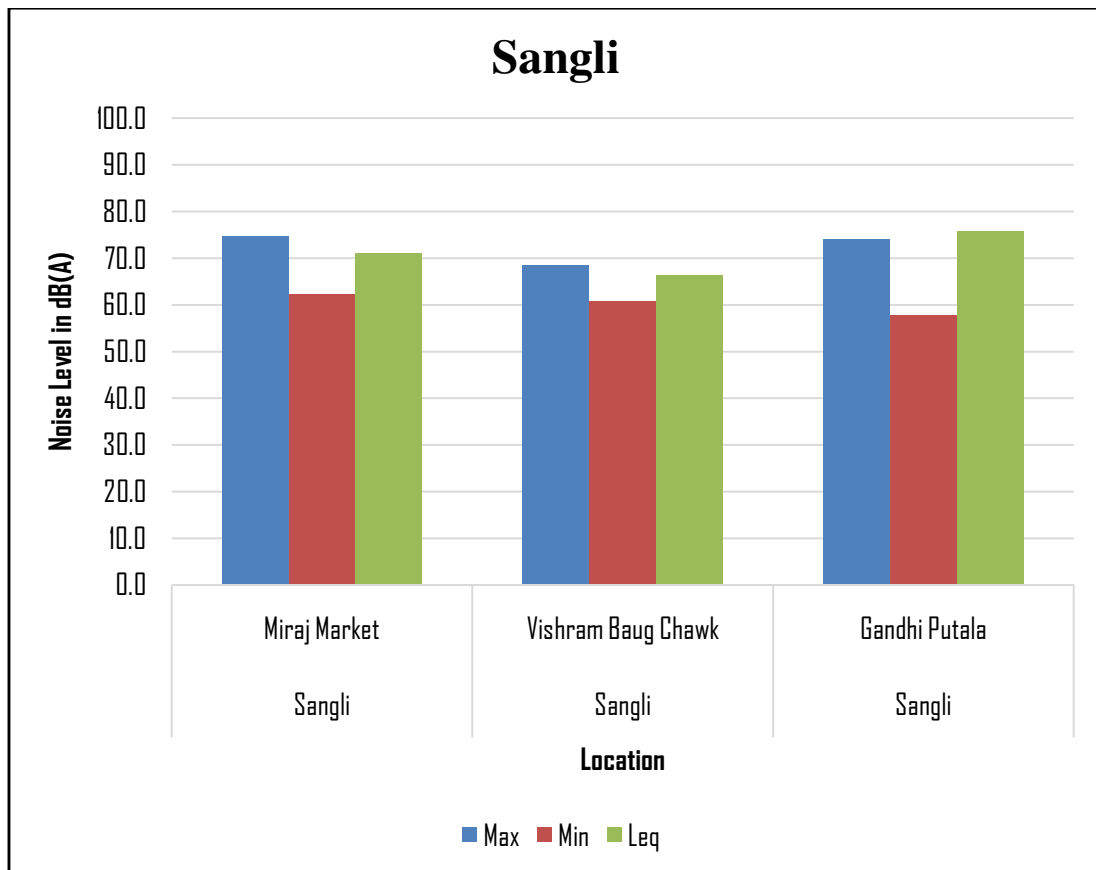
12. Sangli

Out of the three locations monitored in Sangli region, the highest noise level was observed at Gandhi Putala with 75.7 dB(A) and the main reason of increase in noise level was due to traffic congestion rather than the festival.

Table 4.12: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Sangli

Location	L_{max}	L_{min}	L_{eq}
Miraj Market	74.6	62.3	70.9
Vishram Baug Chowk	68.6	60.7	66.4
Gandhi Putala	74.1	57.9	75.7

Hourly Noise levels on 25th August, 2017 in Sangli



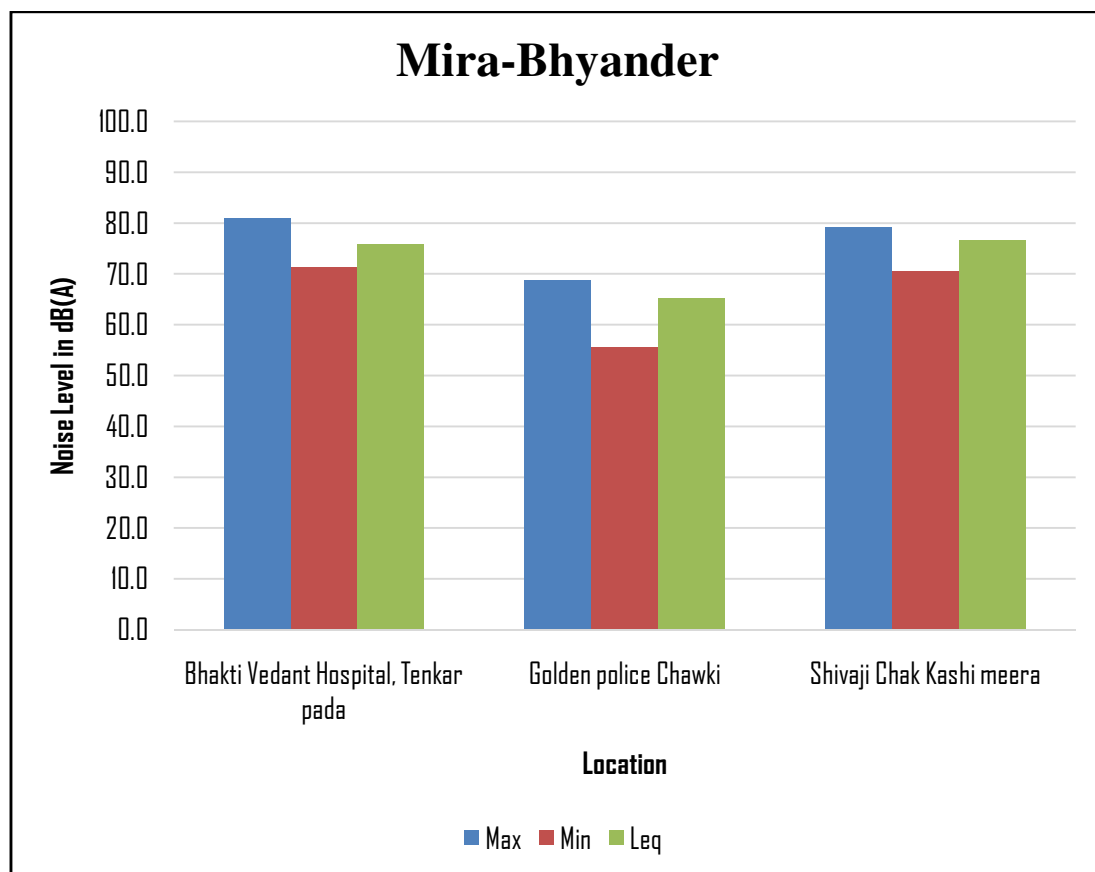
13. Mira-Bhayander

In Mira-Bhayander the highest noise level was observed at Shivaji Chawk, Kashi Meera with 76.6 dB(A) and the reason for increase in noise level was due to the noise from pandals of society and other.

Table 4.13: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Mira-Bhayander

Location	L_{max}	L_{min}	L_{eq}
Bhakti Vedant Hospital, Tenkar pada	81.0	71.2	75.9
Golden police Chawki	68.8	55.7	65.3
Shivaji Chawk Kashi meera	79.1	70.5	76.6

Hourly Noise levels on 25th August, 2017 in Mira-Bhayander



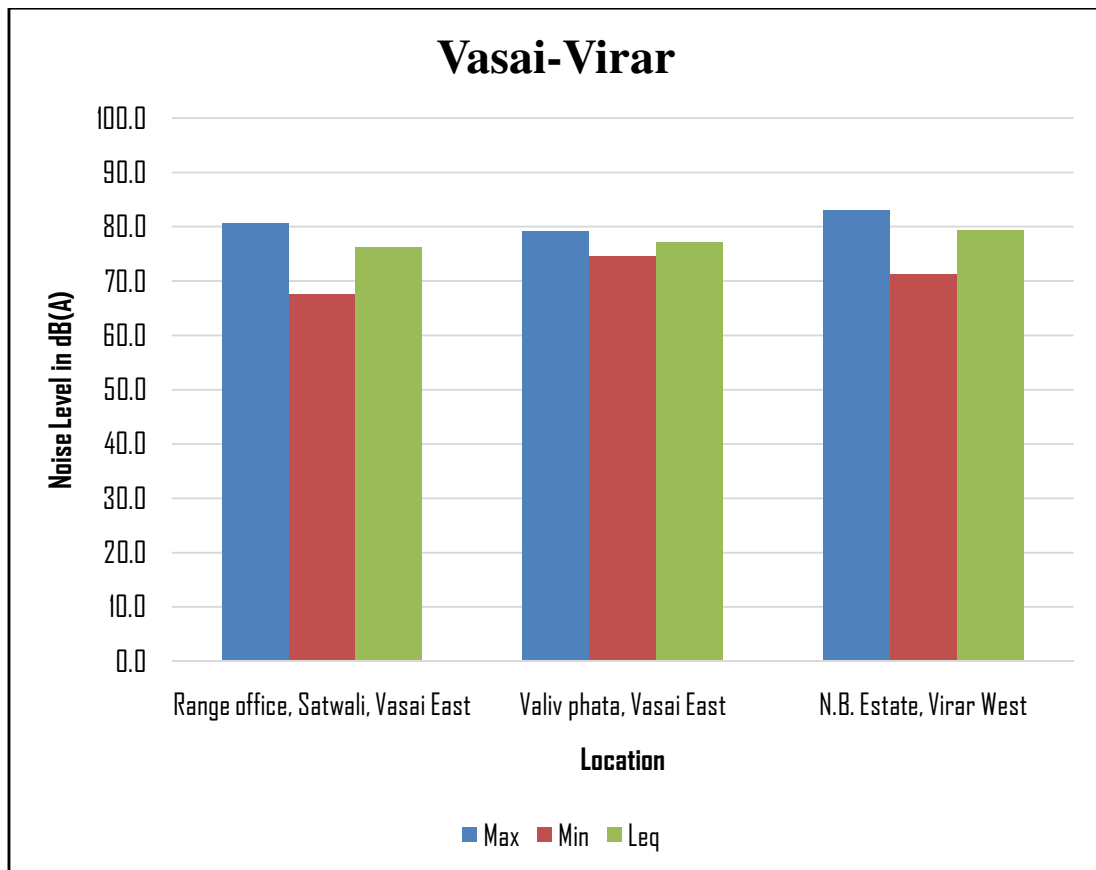
14. Vasai-Virar

At Vasai-Virar also three locations were monitored for checking the noise level during Ganesh Festival. The highest noise level was observed at N.B. Estate with 79.4 dB(A) and the reason was due to loud speakers used at pandals.

Table 4.14: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Vasai-Virar

Location	L_{max}	L_{min}	L_{eq}
Range office, Satwali, Vasai East	80.8	67.7	76.2
Valiv phata, Vasai East	79.1	74.6	77.2
N.B. Estate, Virar West	83.0	71.2	79.4

Hourly Noise levels on 25th August, 2017 in Vasai-Virar



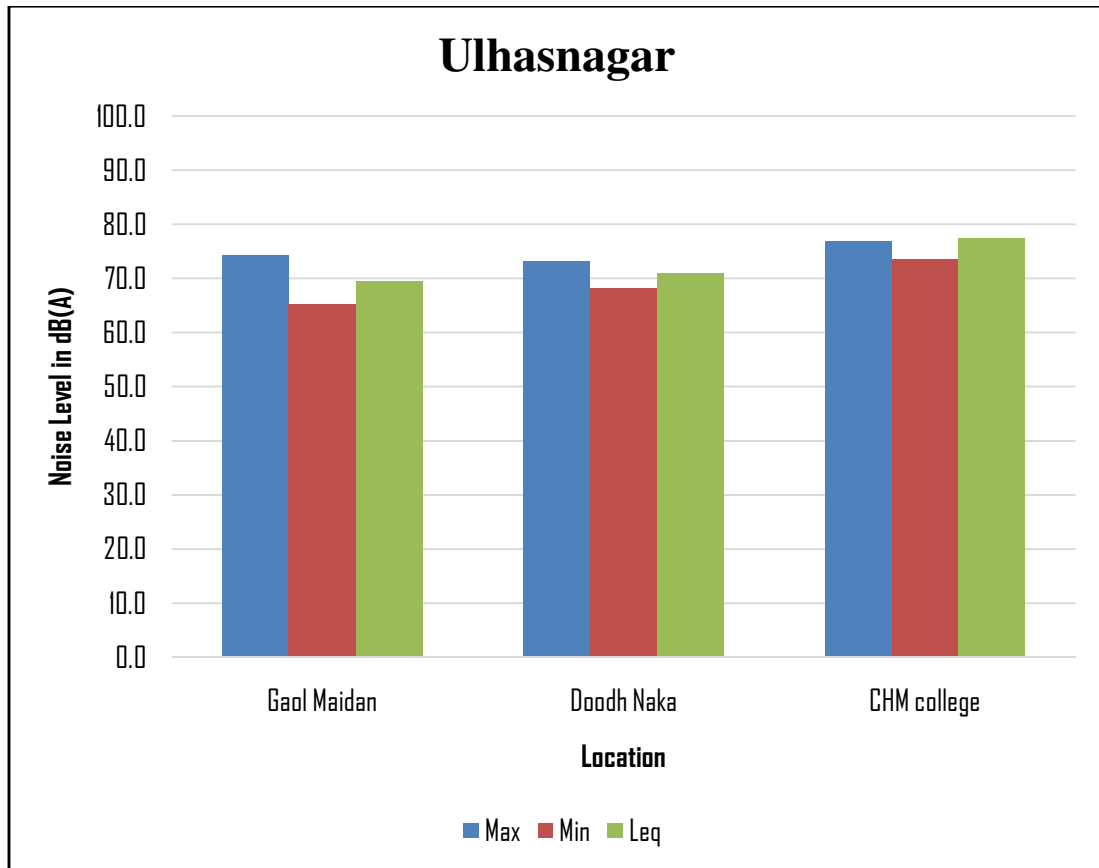
15. Ulhasnagar

The noise levels at Ulhasnagar was lesser when compared to other regions. The highest noise level was observed at CHM College with 77.5 dB(A) and was mainly due to the traffic in the area.

Table 4.15: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Ulhasnagar

Location	L_{max}	L_{min}	L_{eq}
Gaol Maidan	74.2	65.2	69.5
Doodh Naka, Ulhasnagr sector 5	73.3	68.2	71.0
CHM college	76.9	73.6	77.5

Hourly Noise levels on 25th August, 2017 in Ulhasnagar



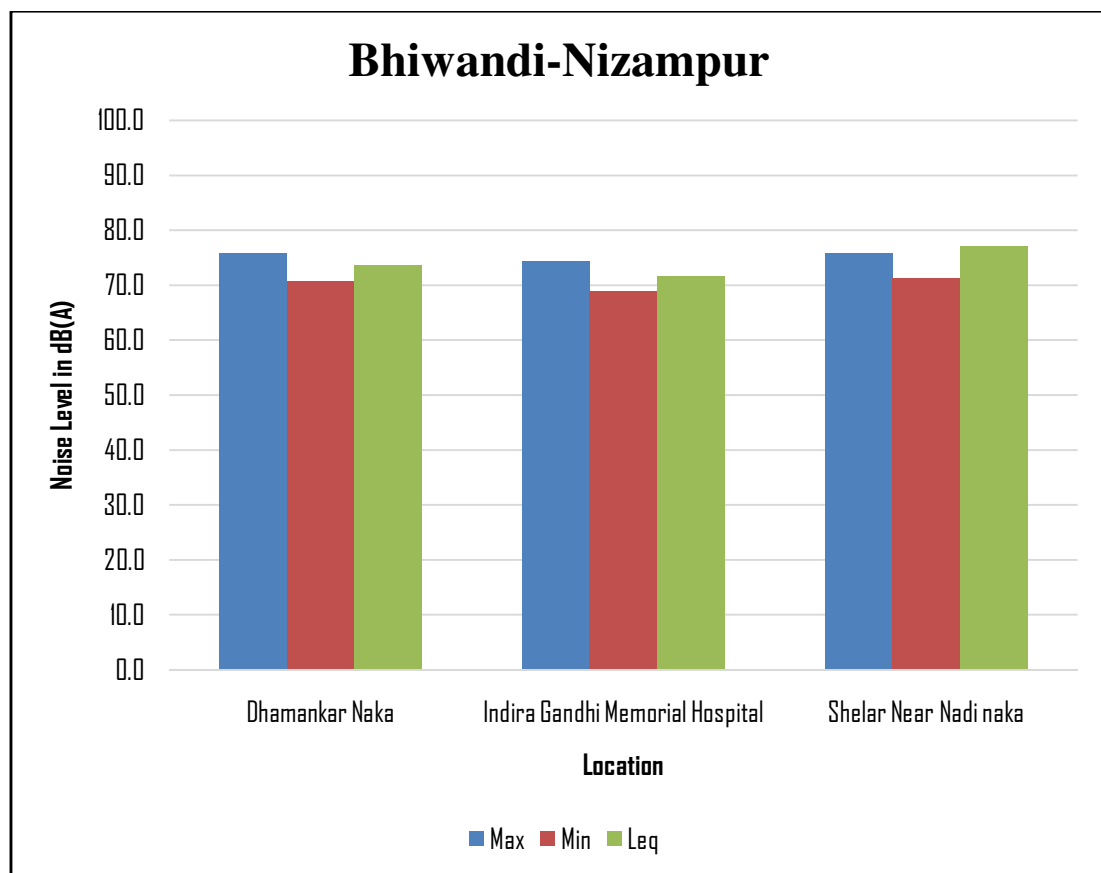
16. Bhiwandi-Nizampur

The noise levels of Bhiwandi-Nizampur was observed at Shelar Near Nadi Naka with 77.1 dB(A) and the reason for increase in noise level was due to the the use of loud speakers in nearby pandals.

Table 4.16: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Bhiwandi-Nizampur

Location	L_{max}	L_{min}	L_{eq}
Dhamankar Naka	75.9	70.8	73.7
Indira Gandhi Memorial Hospital	74.3	68.9	71.6
Shelar Near Nadi naka	75.9	71.3	77.1

Hourly Noise levels on 25th August, 2017 in Bhiwandi-Nizampur



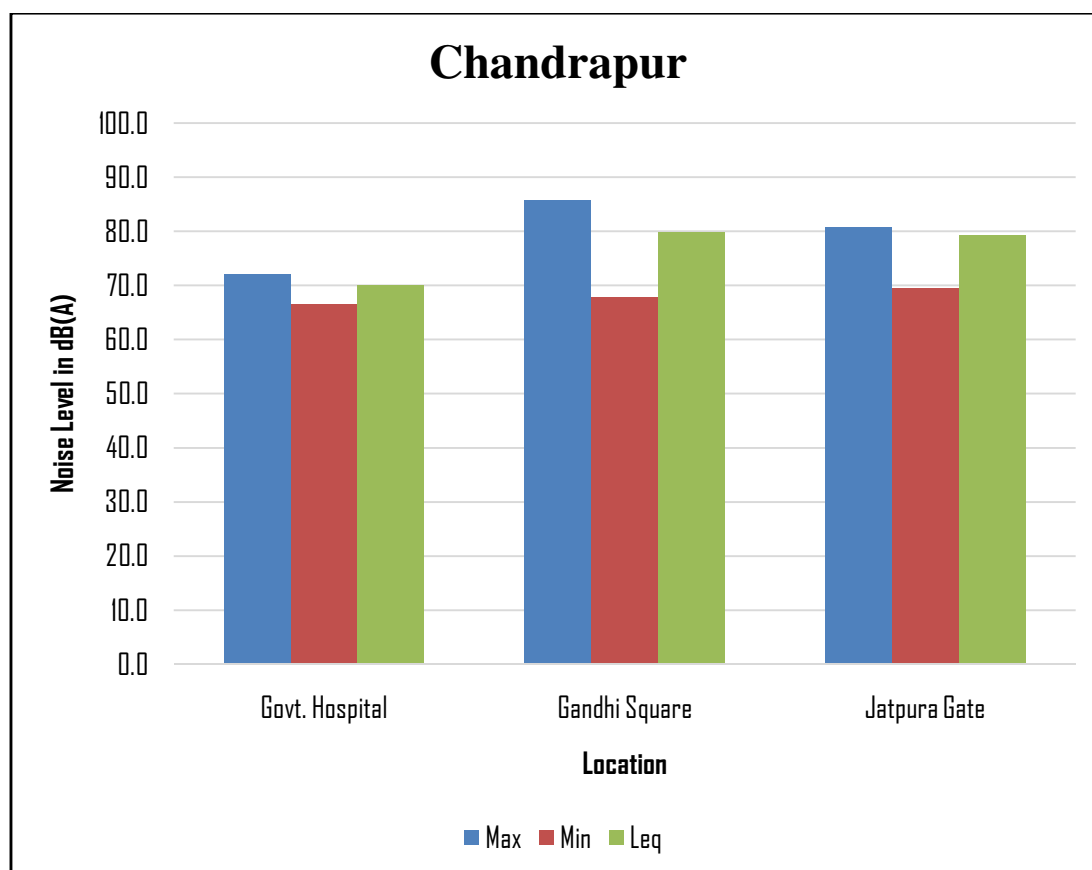
17. Chandrapur

In Chandrapur region also three locations were monitored. The highest noise level was observed at Gandhi Square with 79.9 dB(A) and the reason for increase in noise level was due to traffic.

Table 4.17: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Chandrapur

Location	L_{max}	L_{min}	L_{eq}
Govt. Hospital	72.1	66.6	70.1
Gandhi Square	85.7	67.8	79.9
Jatpura Gate	80.8	69.5	79.3

Hourly Noise levels on 25th August, 2017 in Chandrapur



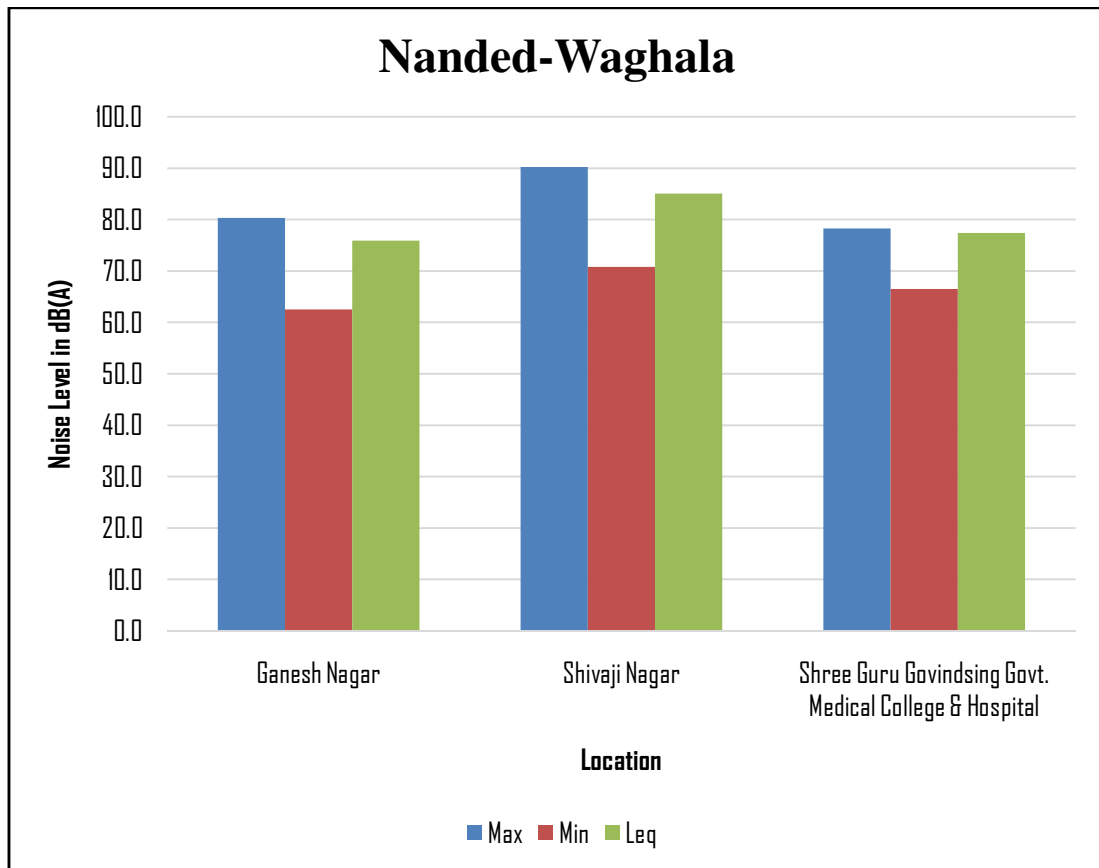
18. Nanded-Waghala

At Nanded-Waghala also 3 location was monitored. The highest noise level was observed at Shivaji Nagar with 85.1 dB(A) and the increase in noise level was due to the festival and traffic.

Table 4.18: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Nanded-Waghala

Location	L_{max}	L_{min}	L_{eq}
Ganesh Nagar	80.3	62.5	75.9
Shivaji Nagar	90.2	70.8	85.1
Shree Guru Govindsing Govt. Medical College & Hospital	78.3	66.5	77.4

Hourly Noise levels on 25th August, 2017 in Nanded-Waghala



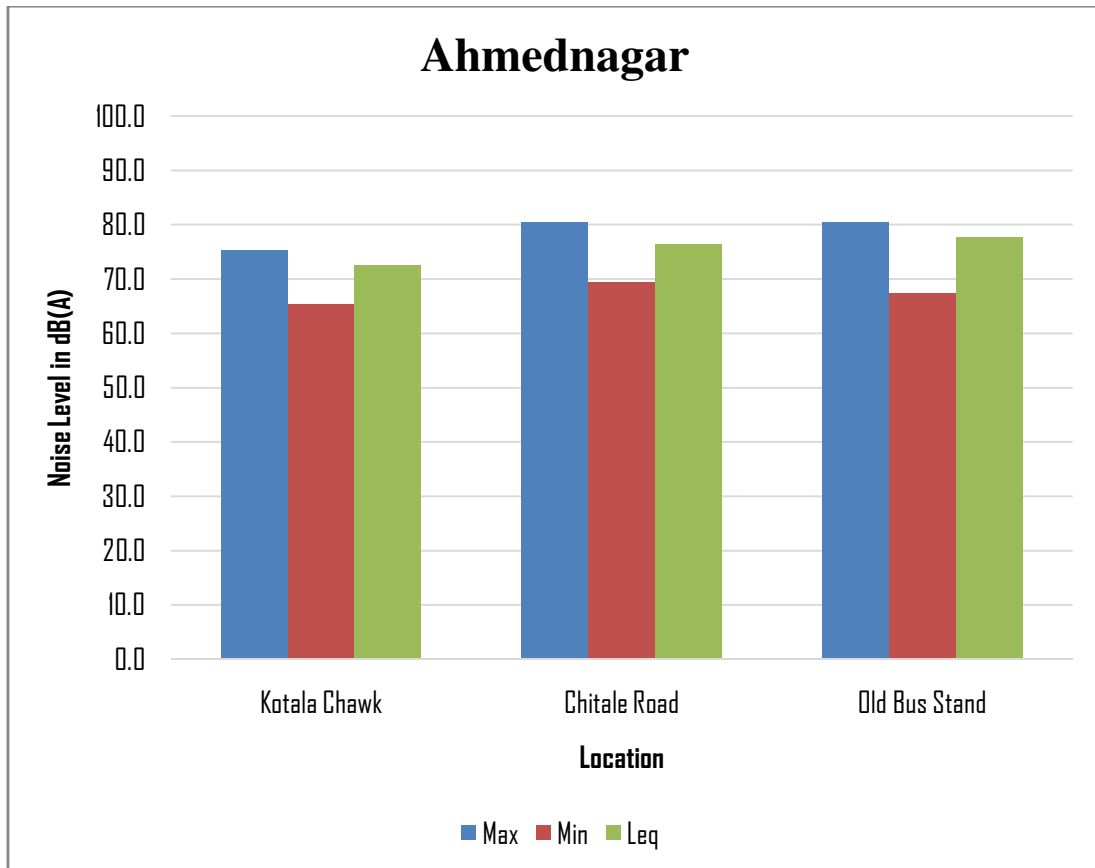
19. Ahmednagar

The highest noise level in Ahmednagar during the first day of Ganesh Festival was observed at Old Bus stand with 79.7 dB(A) and the increase in noise was mainly due to traffic.

Table 4.19: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Ahmednagar

Location	L_{max}	L_{min}	L_{eq}
Kotala Chawk	82.4	74.0	79.2
Chitale Road	82.0	70.6	78.3
Old Bus Stand	82.1	70.4	79.7

Hourly Noise levels on 25th August, 2017 in Ahmednagar



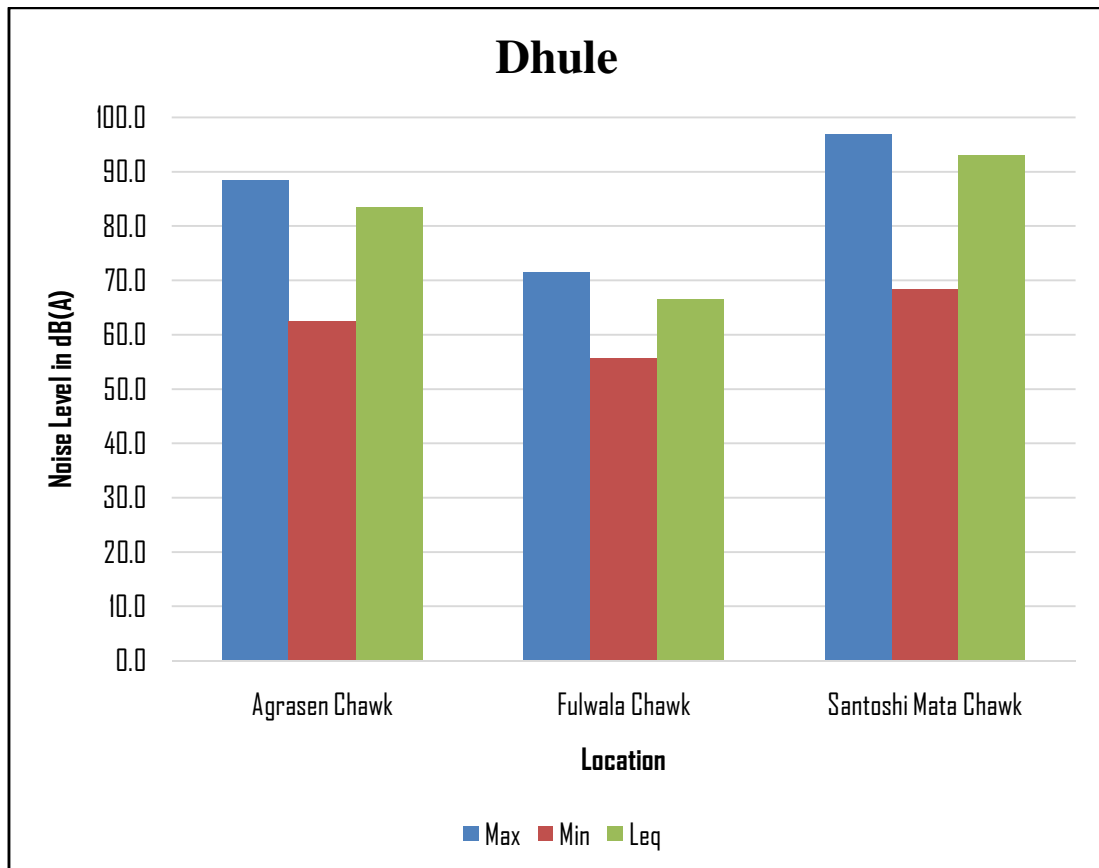
20. Dhule

At Dhule very high noise level was observed at Santoshi Mata Chowk with 93.1 dB(A). The increase in noise level was mainly due to the crowd gaderings and prayers.

Table 4.20: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Dhule

Location	L_{max}	L_{min}	L_{eq}
Agrasen Chawk	88.5	62.5	83.6
Fulwala Chawk	71.5	55.8	66.5
Santoshi Mata Chawk	97.0	68.4	93.1

Hourly Noise levels on 25th August, 2017 in Dhule



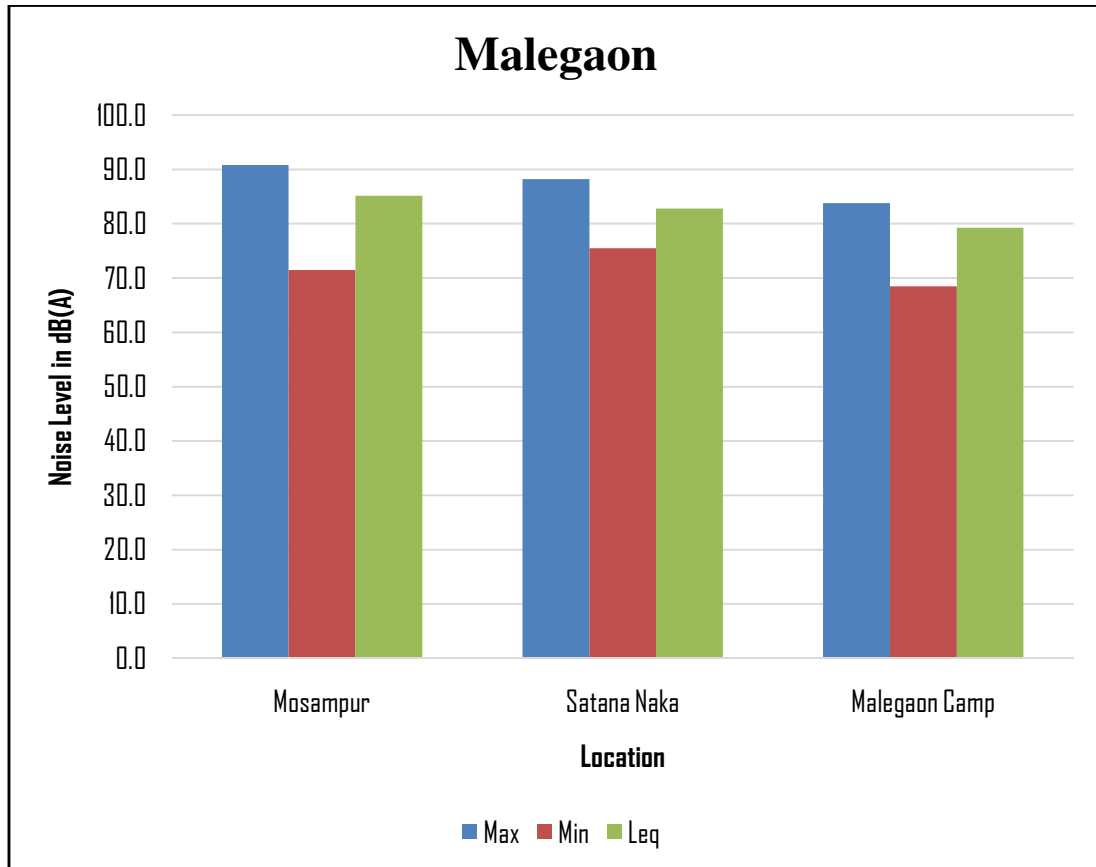
21. Malegaon

The highest noise level at Malegaon region during first day of Ganesh Festival was observed at Mosampur with 85.1 dB(A). The reason for increase in noise pollution is due to traffic and load speakers at pandals located nearby.

Table 4.21: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Malegaon

Location	L_{max}	L_{min}	L_{eq}
Mosampur	90.8	71.5	85.1
Satana Naka	88.2	75.5	82.8
Malegaon Camp	83.8	68.5	79.2

Hourly Noise levels on 25th August, 2017 in Malegaon



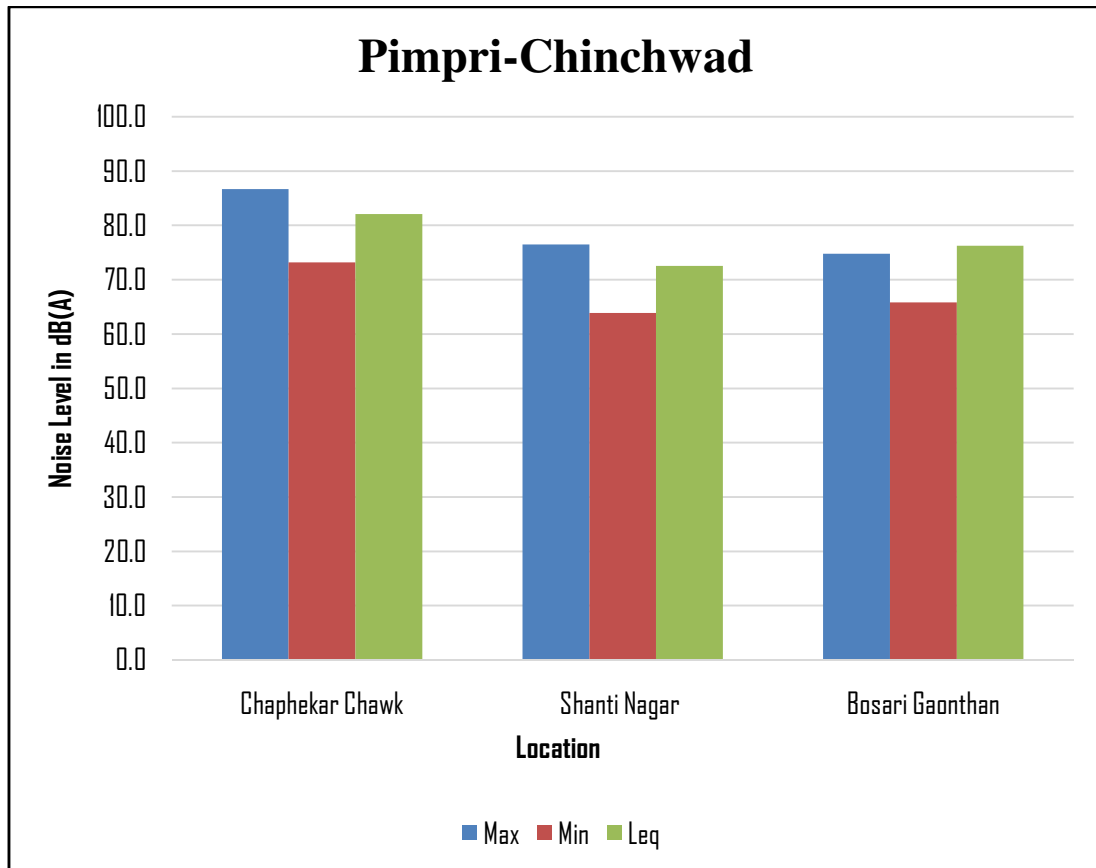
22. Pimpri-Chinchwad

In Pimpri-Chinchwad the increase in noise level was mainly due to the crowd and traffic. The highest noise level of 82.1 dB(A) was observed at Chaphekar Chawk.

Table 4.22: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Pimpri-Chinchwad

Location	L_{max}	L_{min}	L_{eq}
Chaphekar Chawk	86.7	73.2	82.1
Shanti Nagar	76.5	63.9	72.5
Bosari Gaonthan	74.8	65.8	76.2

Hourly Noise levels on 25th August, 2017 in Pimpri-Chinchwad



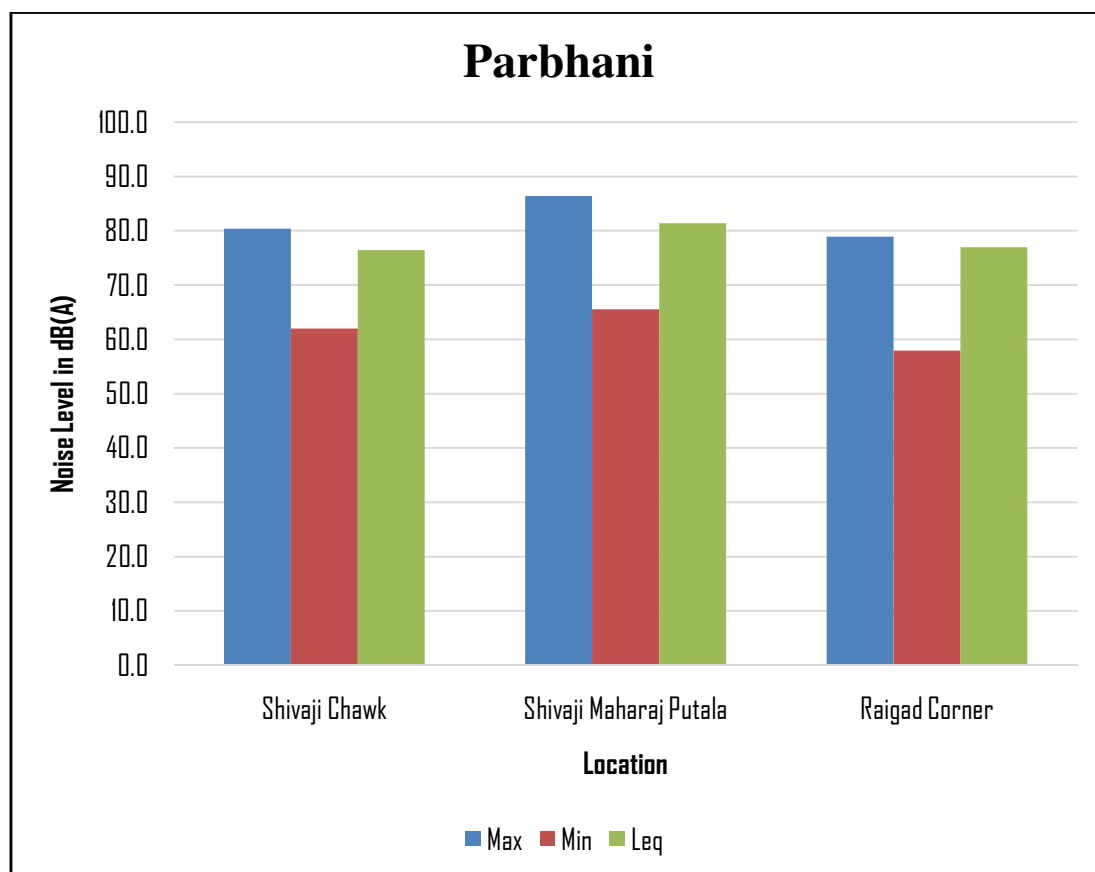
23. Parbhani

The highest noise level in Parbhani region among the three location monitored was observed at Shivaji Maharaj Putala. The increase in noise level was due to traffic congestion.

Table 4.23: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Parbhani

Location	L_{max}	L_{min}	L_{eq}
Shivaji Chawk	80.4	62.0	76.4
Shivaji Maharaj Putala	86.4	65.5	81.4
Raigad Corner	78.9	57.9	76.9

Hourly Noise levels on 25th August, 2017 in Parbhani



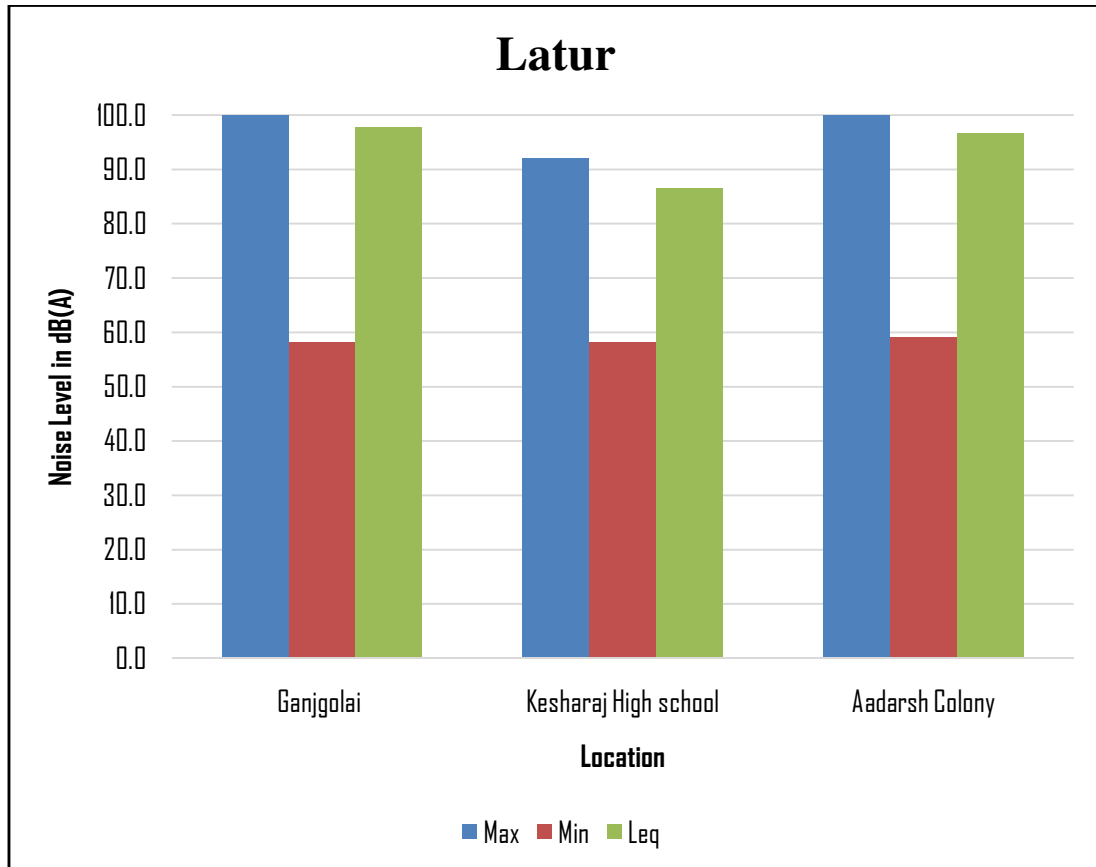
24. Latur

The noise level in all three locations monitored was greater the 85 dB(A) and the highest noise level of 97.7 dB(A) was observed at Ganjgolai. The increase in noise level was due to the use of load speakers in pandals at nearby location.

Table 4.24: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Latur

Location	L_{max}	L_{min}	L_{eq}
Ganjgolai	104.2	58.2	97.7
Kesharaj High school	92.1	58.1	86.6
Aadarsh Colony	102.2	59.2	96.7

Hourly Noise levels on 25th August, 2017 in Latur



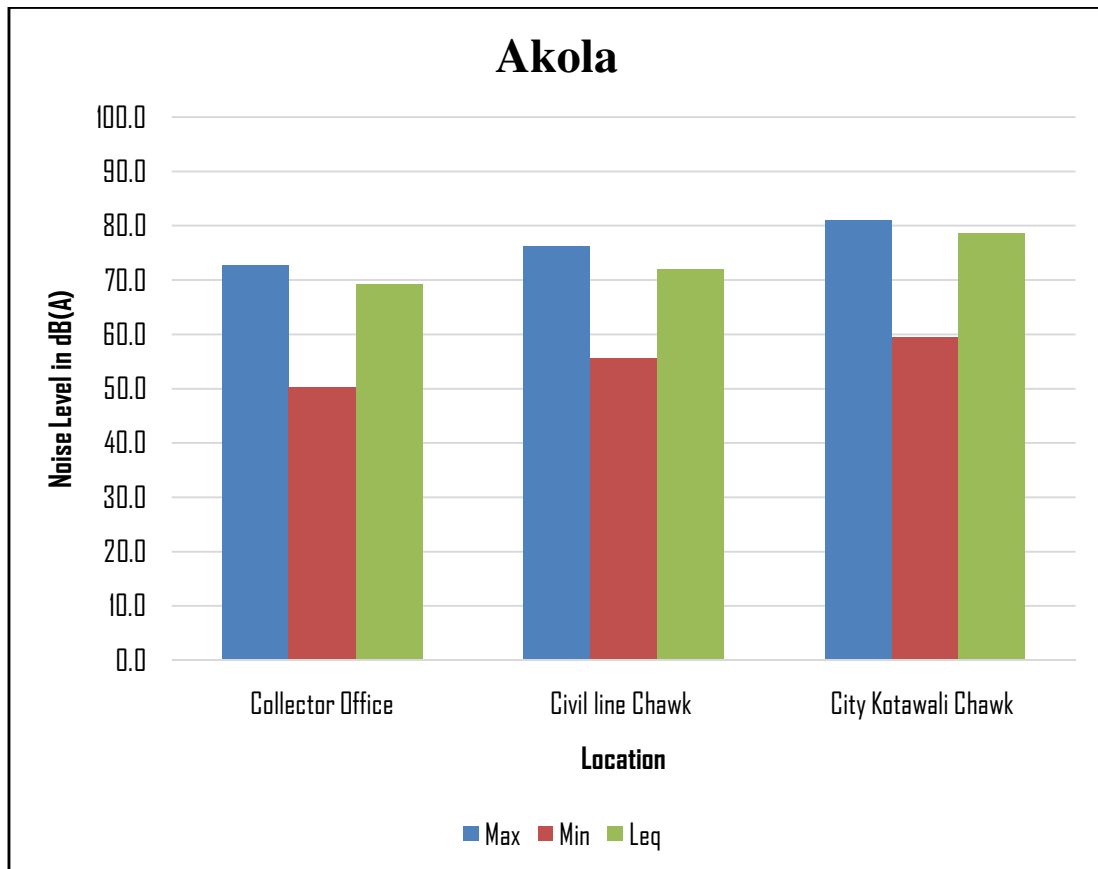
25. Akola

In Akola also three location was monitored for measuring the noise level during Ganesh festival. The highest noise level was observed at City Kotawali Chawk with 78.7 dB(A) and the increase in noise level was due to traffic.

Table 4.25: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Akola

Location	L_{max}	L_{min}	L_{eq}
Collector Office	72.7	50.2	69.3
Civil line Chawk	76.2	55.6	72.0
City Kotawali Chawk	81.0	59.4	78.7

Hourly Noise levels on 25th August, 2017 in Akola



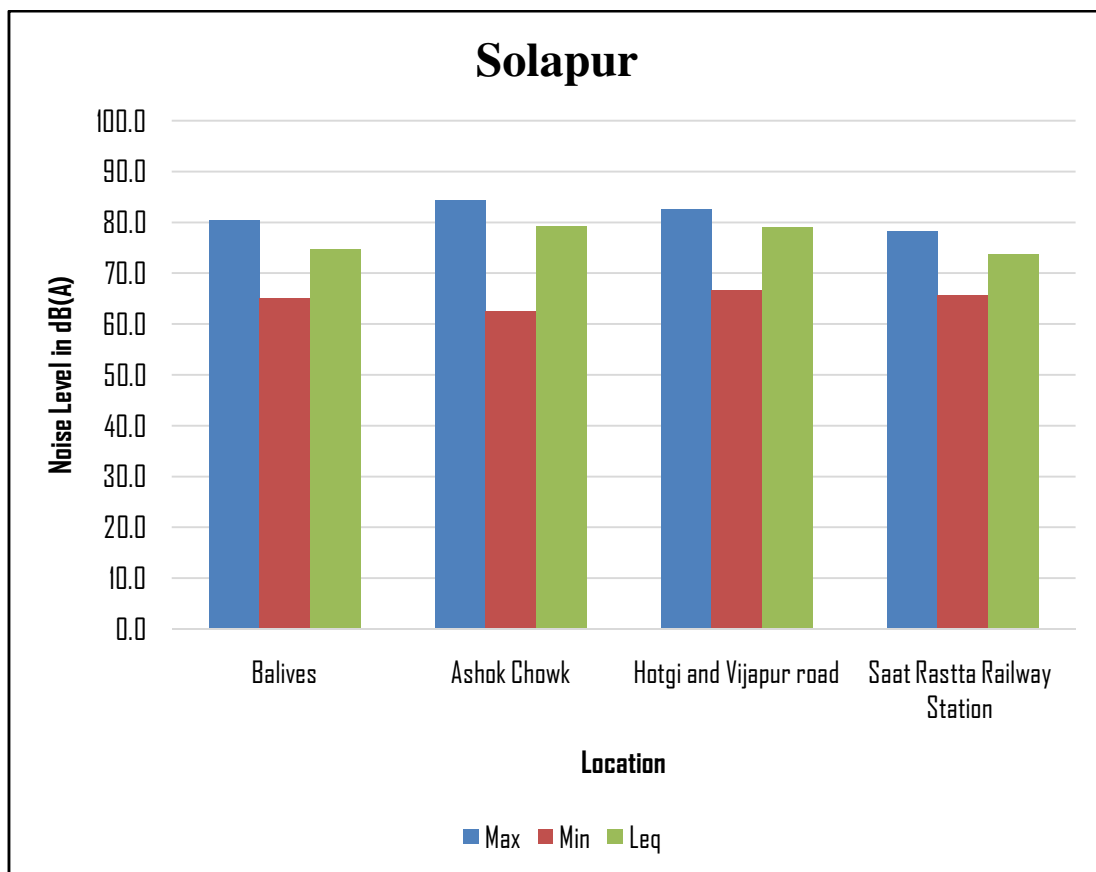
26. Solapur

In Solapur, four location was monitored for noise level during Ganesh Festival. The highest noise level was observed at Ashok chawk with 79.2 dB(A) and increase in noise level was due to traffic.

Table 4.26: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Solapur

Location	L_{max}	L_{min}	L_{eq}
Balives	80.3	65.0	74.7
Ashok Chowk	84.3	62.5	79.2
Hotgi and Vijapur road	82.6	66.6	79.0
Saat Rastta Railway Station	78.2	65.6	73.8

Hourly Noise levels on 25th August, 2017 in Solapur



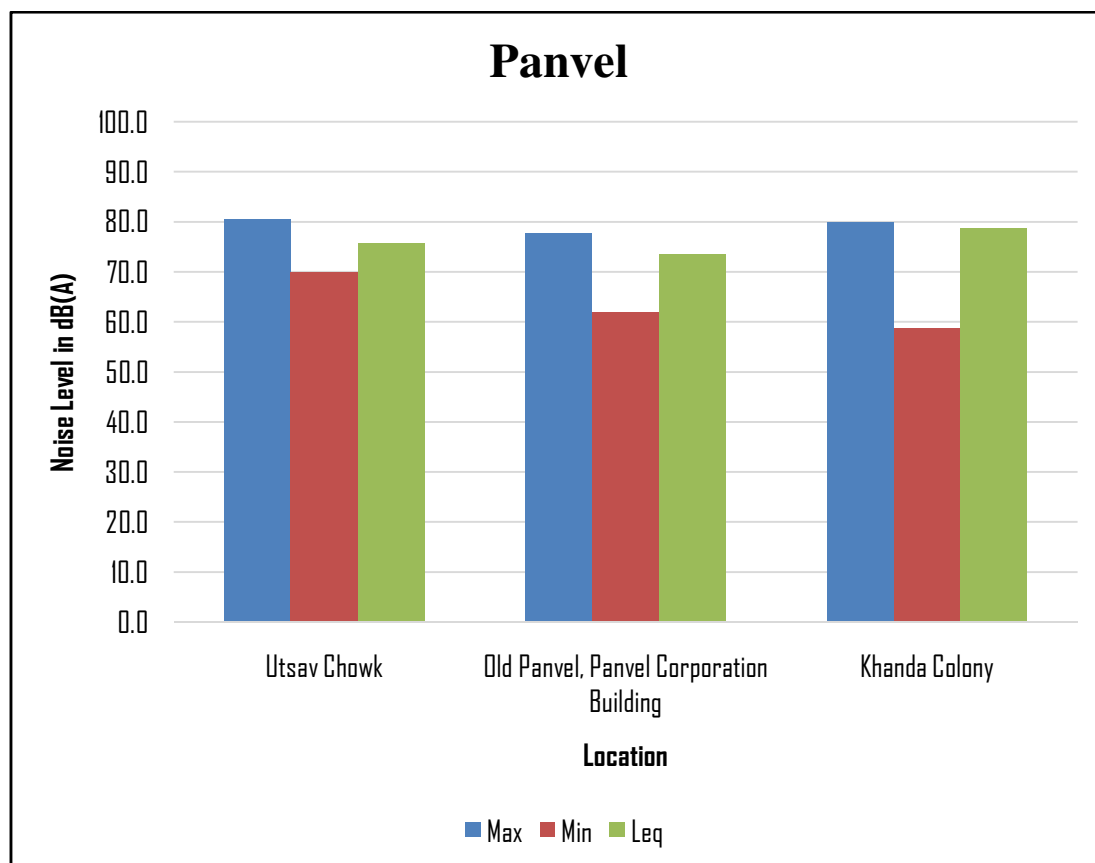
27. Panvel

Three locations were added from Panvel Municipal Corporation this year by MPCB. The highest noise level out of the three locations was observed at Khanda colony with 78.7 dB(A) and the increase in noise was due to the noise caused from loud speakers of nearby pandals.

Table 4.27: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 25th August, 2017 in Panvel

Location	L_{max}	L_{min}	L_{eq}
Utsav Chowk	80.6	69.8	75.6
Old Panvel, Panvel Corporation Building	77.7	61.8	73.5
Khanda Colony	79.9	58.6	78.7

Hourly Noise levels on 25th August, 2017 in Panvel



II. Noise Levels on 26th August, 2017

On 26th August, 2017 the one and half day visarjan takes place. It is one of the popular days to perform Ganesh Visarjan. People normally perform Ganesh Visarjan after afternoon, mainly in evening or night time and while Ganesh idols are taken out for visarjan people use drums and dols in the possession and also traffic congestion happens.



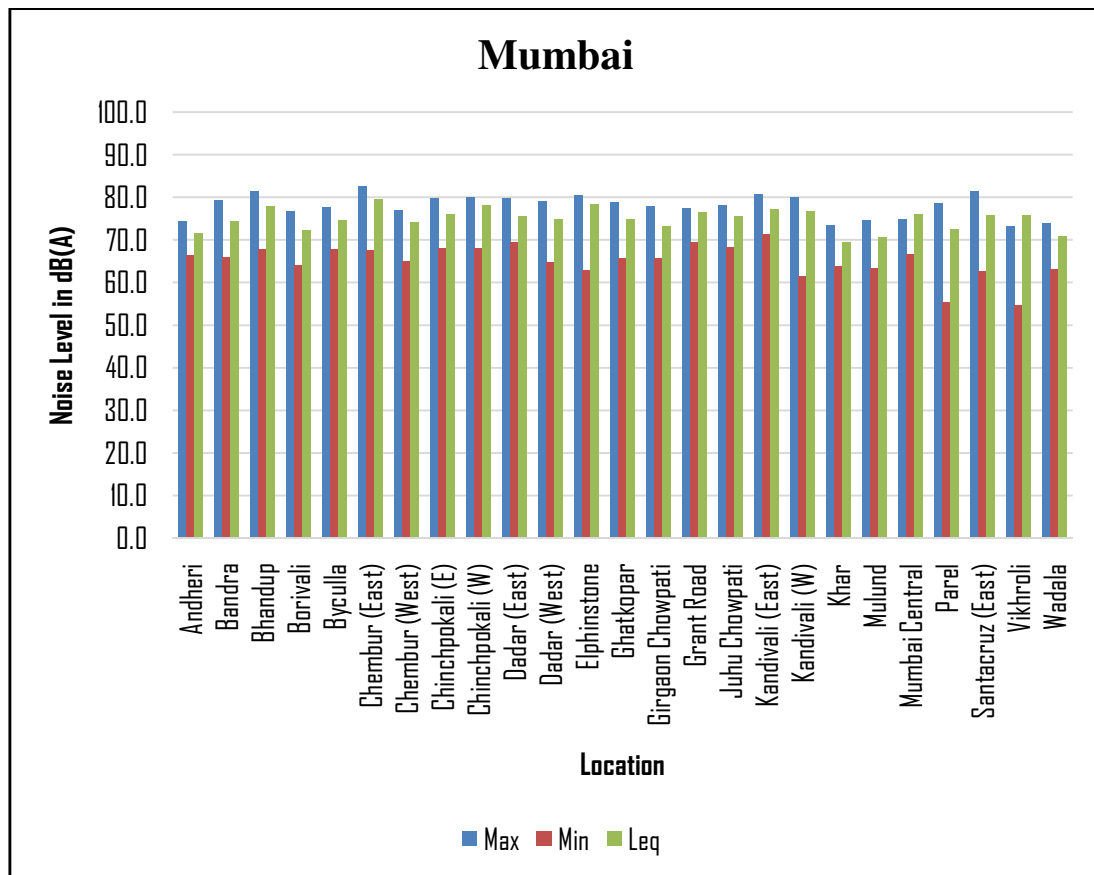
1. Mumbai

The highest noise level was observed at Chembur East with 79.4 dB(A). the noise level increase was mainly due to the traffic congestion in the region which was caused by the crowd and also due to the possession for visarjan.

Table 5.1: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Mumbai

Location	L_{max}	L_{min}	L_{eq}
Andheri	74.3	66.4	71.5
Bandra	79.3	65.8	74.5
Bhandup	81.3	67.8	78.0
Borivali	76.8	64.1	72.4
Byculla	77.7	67.9	74.7
Chembur (East)	82.7	67.7	79.4
Chembur (West)	76.9	64.9	74.1
Chinchpokali (E)	79.7	68.0	76.0
Chinchpokali (W)	80.0	68.0	78.2
Dadar (East)	79.9	69.5	75.6

Location	L_{max}	L_{min}	L_{eq}
Dadar(West)	79.1	64.9	74.7
Elphinstone	80.5	62.9	78.3
Ghatkopar	78.9	65.7	75.0
Girgaon Chowpati	77.8	65.7	73.3
Grant Road	77.4	69.5	76.6
Juhu Chowpati	78.1	68.3	75.6
Kandivali (East)	80.7	71.4	77.2
Kandivali (W)	80.1	61.5	76.7
Khar	73.4	63.8	69.4
Mulund	74.6	63.3	70.6
Mumbai Central	74.8	66.6	76.1
Parel	78.5	55.3	72.4
Santacruz (East)	81.5	62.7	75.8
Vikhroli	73.2	54.7	75.8
Wadala	73.8	63.2	70.9

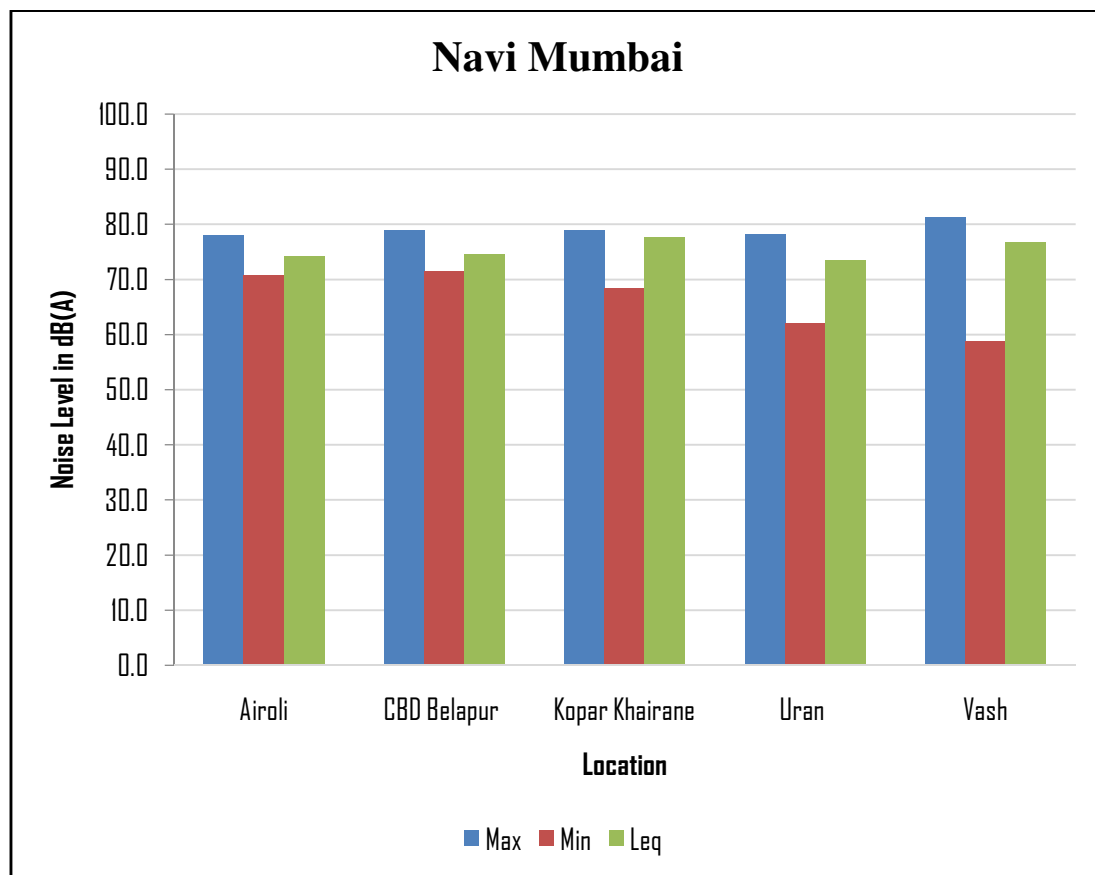
Hourly Noise levels on 26th August, 2017 in Mumbai


2. Navi Mumbai

In Navi Mumbai the highest noise level was observed at Kopar Khairane with 77.7 dB(A) and was caused mainly due to the use of drums in the possession of Ganesh idols to visarjan.

Table 5.2: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Navi Mumbai

Location	L_{max}	L_{min}	L_{eq}
Airoli	78.1	70.8	74.3
CBD Belapur	79.0	71.6	74.7
Kopar Khairane	78.9	68.5	77.7
Uran	78.3	62.0	73.6
Vashi	81.3	58.9	76.7

Hourly Noise levels on 26th August, 2017 in Navi Mumbai


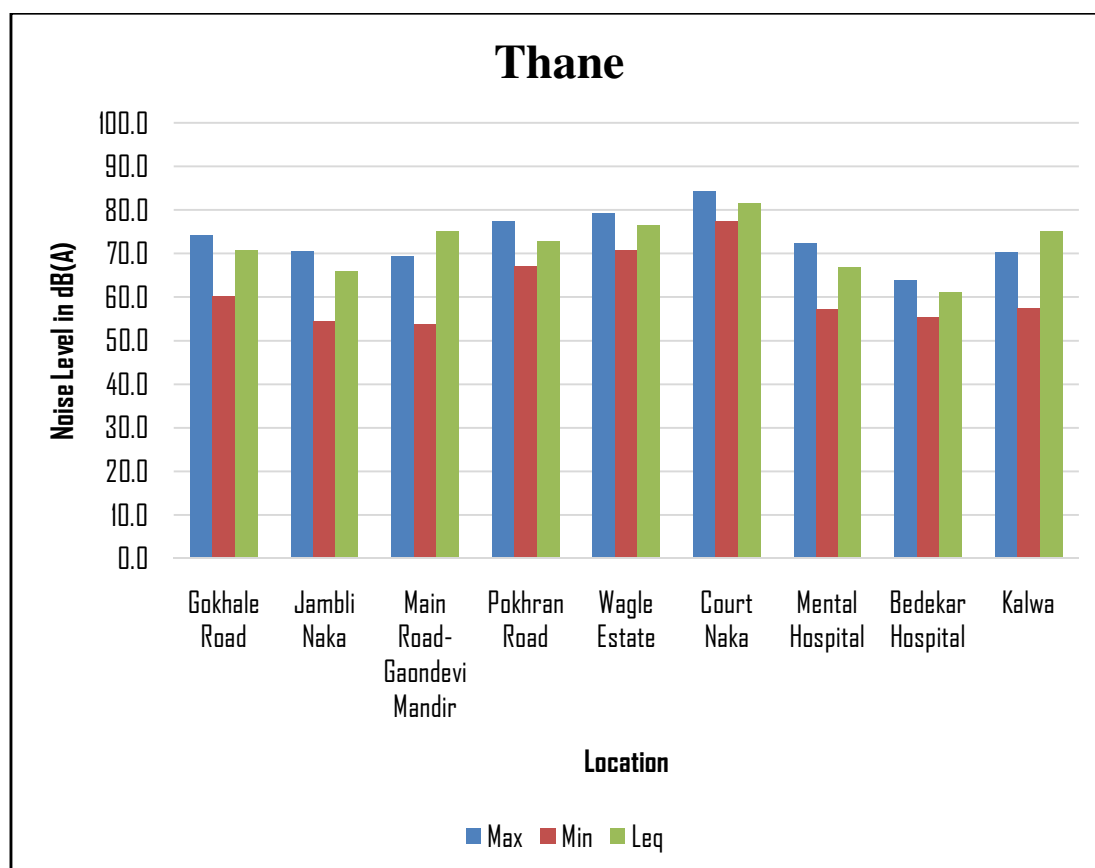
3. Thane

In Thane the highest noise level was observed at Court naka with 81.7 dB(A) which was caused mainly by the Ganesh idol possession to visarjan and traffic conjunction caused due to the same.

Table 5.3: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Thane

Location	L_{max}	L_{min}	L_{eq}
Gokhale Road	74.3	60.3	70.8
Jambli Naka	70.5	54.6	66.0
Main Road- Gaondevi Mandir, Naupada	69.5	53.8	75.1
Pokhran Road- Vartak Nagar Chowk	77.4	67.3	72.9
Wagle Estate- Raila Devi Lake	79.4	70.9	76.6
Court Naka	84.3	77.5	81.7
Mental Hospital	72.4	57.3	67.0

Location	L_{max}	L_{min}	L_{eq}
Bedekar Hospital	63.9	55.3	61.1
Kalwa- Chatarpati Shivaji Maharaj Hospital	70.3	57.4	75.3

 Hourly Noise levels on 26th August, 2017 in Thane


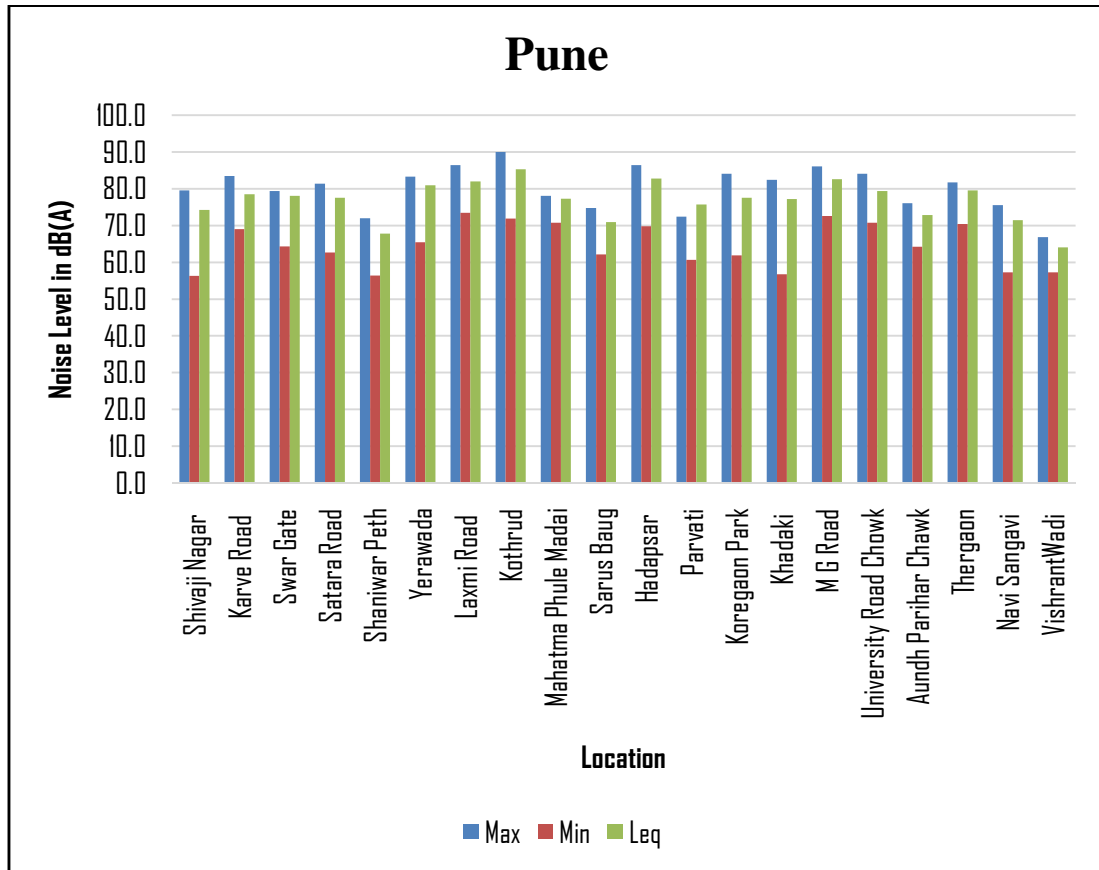
4. Pune

The highest noise level in Pune region was observed at Kothrud with 85.3 dB(A). The main reason for the increase in noise level was due to the traffic and also due to the noise from near by pandals and possessions for visarjan.

Table 5.4: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Pune

Location	L_{max}	L_{min}	L_{eq}
Shivaji Nagar	79.6	56.4	74.2
Karve Road	83.5	69.0	78.5
Swar Gate	79.4	64.3	78.1
Satara Road	81.4	62.7	77.6

Location	L_{max}	L_{min}	L_{eq}
Shaniwar Peth	72.0	56.4	67.8
Yerawada	83.3	65.5	80.9
Laxmi Road	86.4	73.5	82.0
Kothrud	90.0	71.9	85.3
Mahatma Phule Madai	78.1	70.8	77.3
Sarus Baug	74.8	62.1	70.9
Hadapsar	86.4	69.8	82.8
Parvati	72.4	60.7	75.7
Koregaon Park	84.1	61.9	77.6
Khadaki	82.4	56.8	77.2
M G Road	86.1	72.6	82.6
University Road Chowk	84.1	70.8	79.4
Aundh Parihar Chawk	76.1	64.2	72.9
Thergaon	81.7	70.4	79.6
Navi Sangavi	75.6	57.2	71.5
Vishrant Wadi	66.9	57.3	64.1

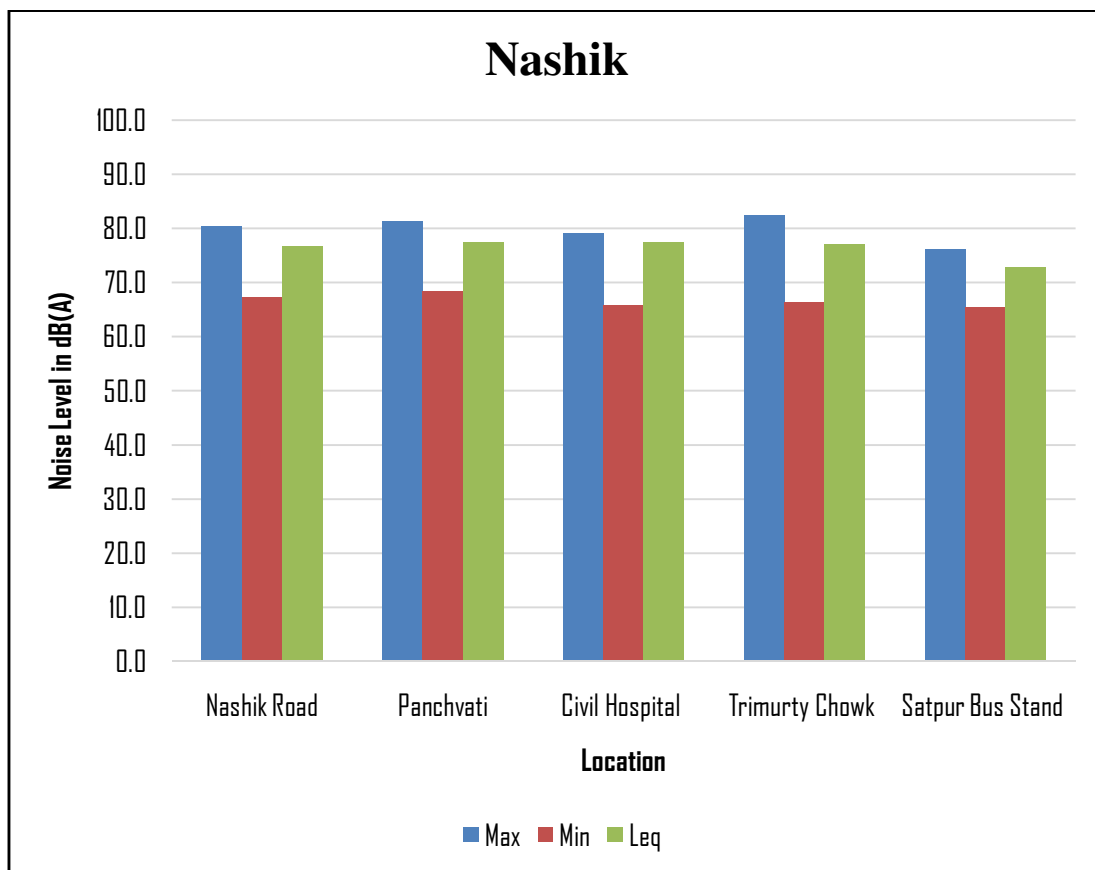
Hourly Noise Levels on 26th August, 2017 in Pune

5. Nashik

Panchvati had the highest noise level in Nashik region with 77.5 dB(A) and the increase in noise level was due to the use of drums during possession for visarjan and traffic congestion.

Table 5.5: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Nashik

Location	L_{max}	L_{min}	L_{eq}
Nashik Road	80.4	67.4	76.8
Panchvati	81.4	68.4	77.5
Civil Hospital	79.2	65.8	77.4
Trimurthy Chowk	82.5	66.4	77.2
Satpur Bus Stand	76.1	65.4	72.9

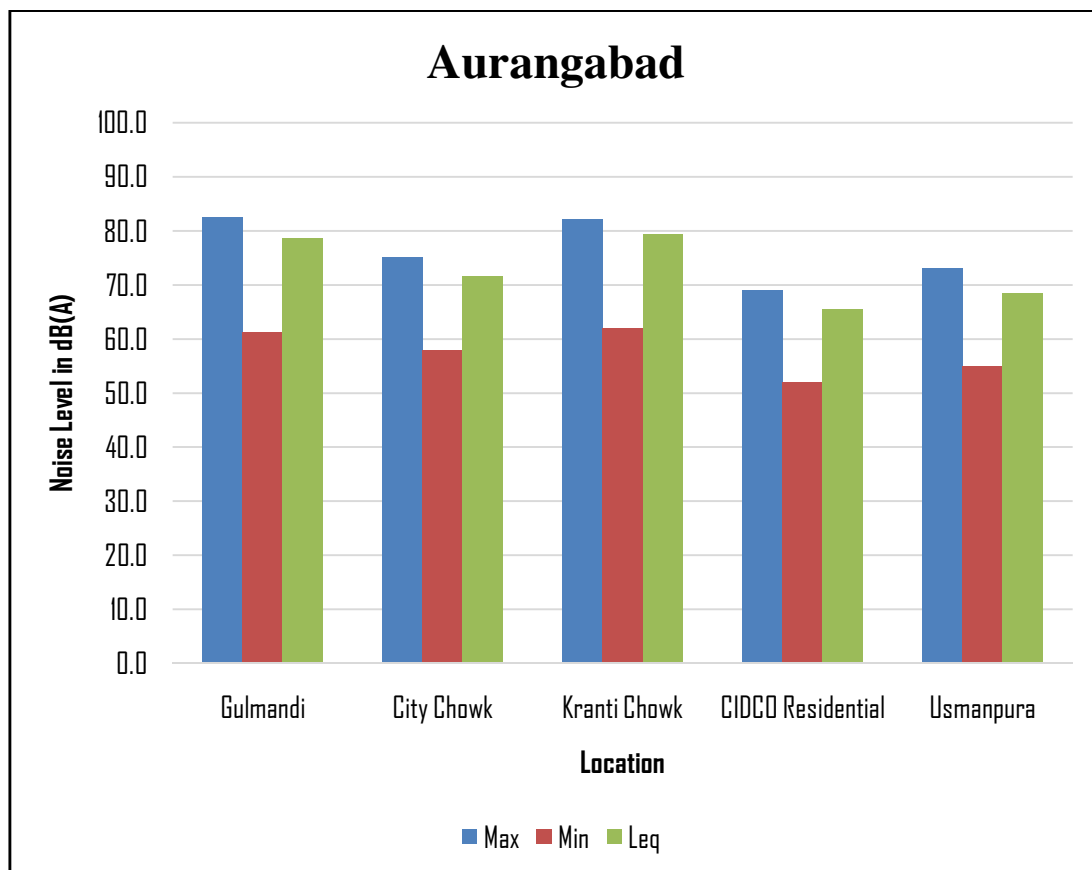
Hourly Noise levels on 26th August, 2017 in Nashik


6. Aurangabad

The highest noise level in Aurangabad was observed at Kranti Chowk with 79.4 dB(A). Here also the increase in noise level was due to the traffic coinjection due to the Ganesh Visarjan procession.

Table 5.6: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Aurangabad

Location	L_{max}	L_{min}	L_{eq}
Gulmandi	82.6	61.2	78.6
City Chowk	75.1	58.0	71.6
Kranti Chowk	82.1	61.9	79.4
CIDCO Residential	69.1	52.1	65.6
Usmanpura	73.1	55.0	68.6

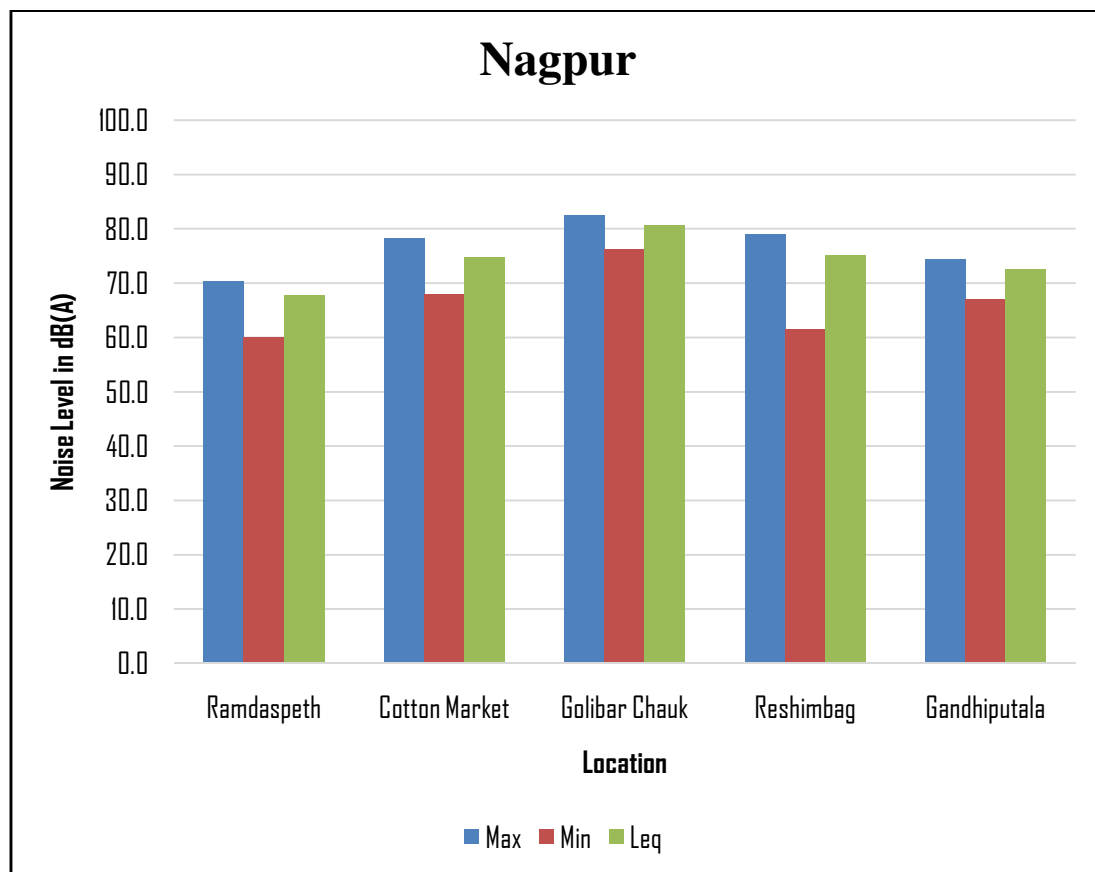
Hourly Noise levels on 26th August, 2017 in Aurangabad


7. Nagpur

In Nagpur region Golibar Chowk had the highest noise level with 80.7 dB(A). The reason for increase in noise level was due the usage of musical instruments during possessions and traffic.

Table 5.7: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Nagpur

Location	L_{max}	L_{min}	L_{eq}
Ramdaspeth	70.4	60.1	67.8
Cotton Market	78.4	68.1	74.8
Golibar Chowk	82.5	76.3	80.7
Reshimbag	79.1	61.5	75.2
Gandhiputala	74.4	67.1	72.6

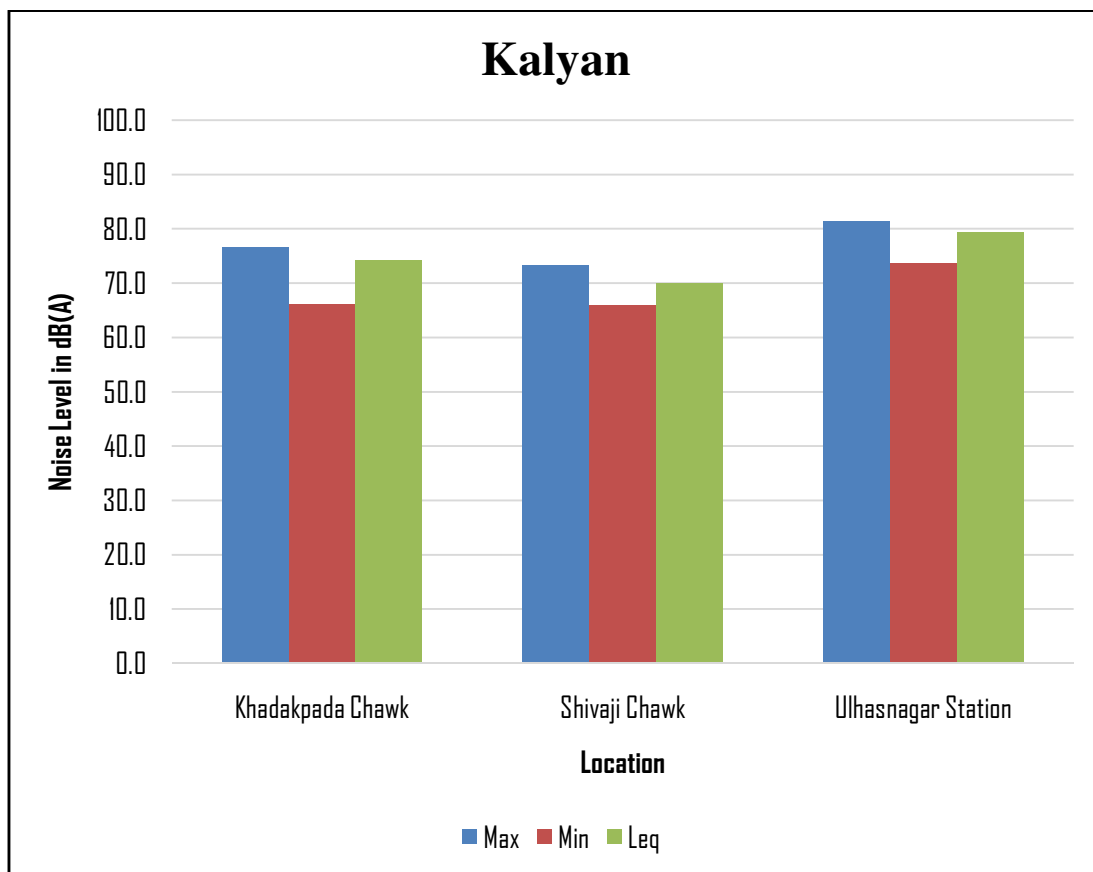
Hourly Noise levels on 26th August, 2017 in Nagpur


8. Kalyan

On 26th August also the highest noise level was observed at Ulhasnagar station with 79.4 dB(A). The noise level was high mainly due to the crowd and hawkers near station and loud speakers from the pandals installed near the station.

Table 5.8: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Kalyan

Location	L_{max}	L_{min}	L_{eq}
Khadakpada Chawk	76.6	66.1	74.2
Shivaji Chawk	73.3	65.9	70.1
Ulhasnagar Station	81.5	73.7	79.4

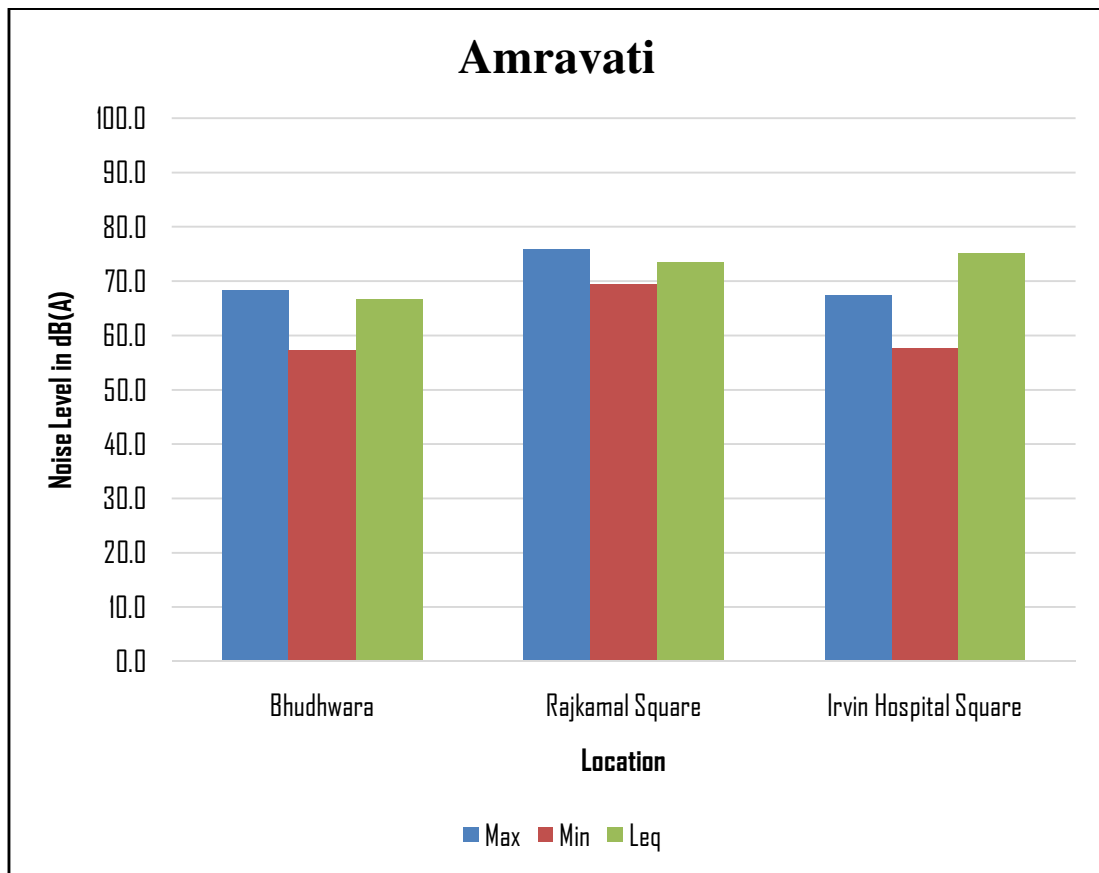
Hourly Noise levels on 26th August, 2017 in Kalyan


9. Amaravati

The noise level near Irvin Hospital was highest with 75.1 dB(A) on 26th August at Amravati region. The increase in noise level was due to the traffic near by the area.

Table 5.9: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Amaravati

Location	L_{max}	L_{min}	L_{eq}
Bhudhwara	68.4	57.2	66.6
Rajkamal Square	75.9	69.5	73.4
Irvin Hospital Square	67.4	57.7	75.1

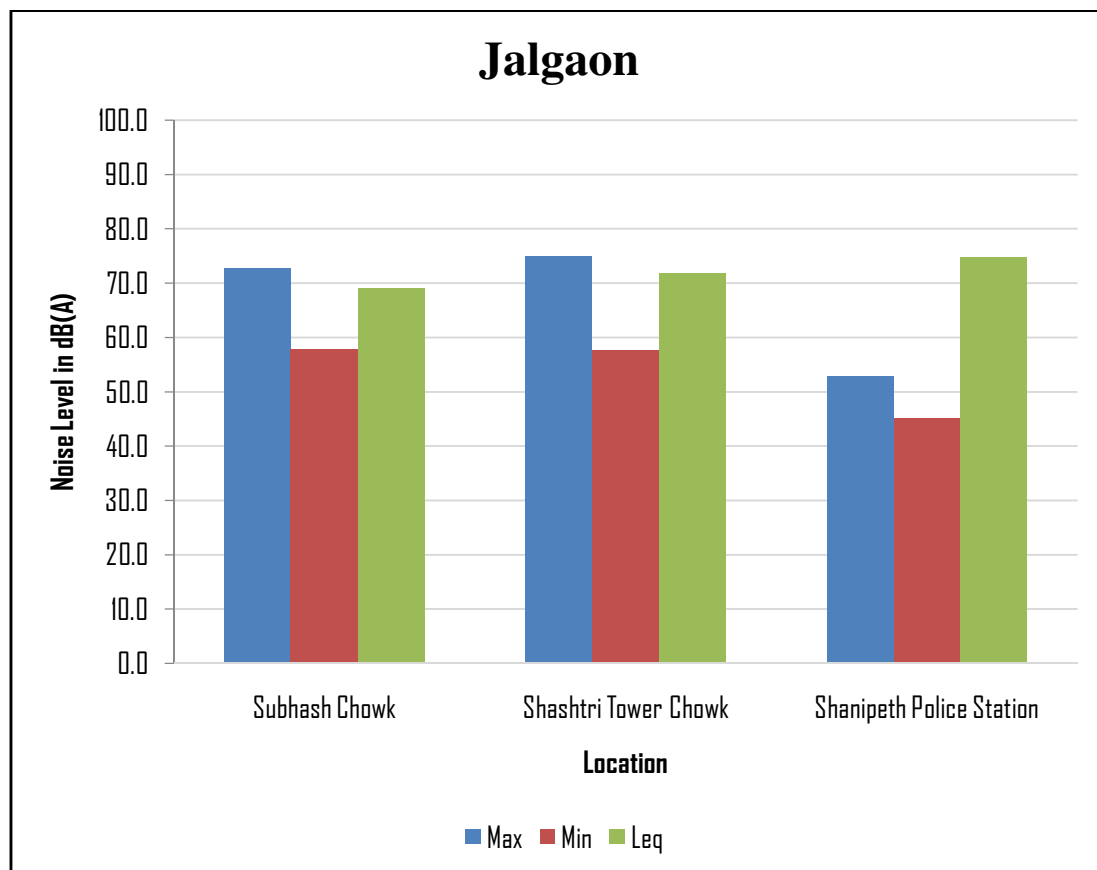
Hourly Noise levels on 26th August, 2017 in Amravati


10. Jalgaon

In Jalgaon region the highest noise level was at Shanipeth police station with 74.8 dB(A). As other regions, the increase in noise level was due to the use of drums and musical instruments during the possession for Ganesh visarjan and the traffic caused due to the same.

Table 5.10: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Jalgaon

Location	L_{max}	L_{min}	L_{eq}
Subhash Chowk	72.8	57.9	69.1
Shashtri Tower Chowk	74.9	57.7	71.8
Shanipeth Police Station	52.9	45.2	74.8

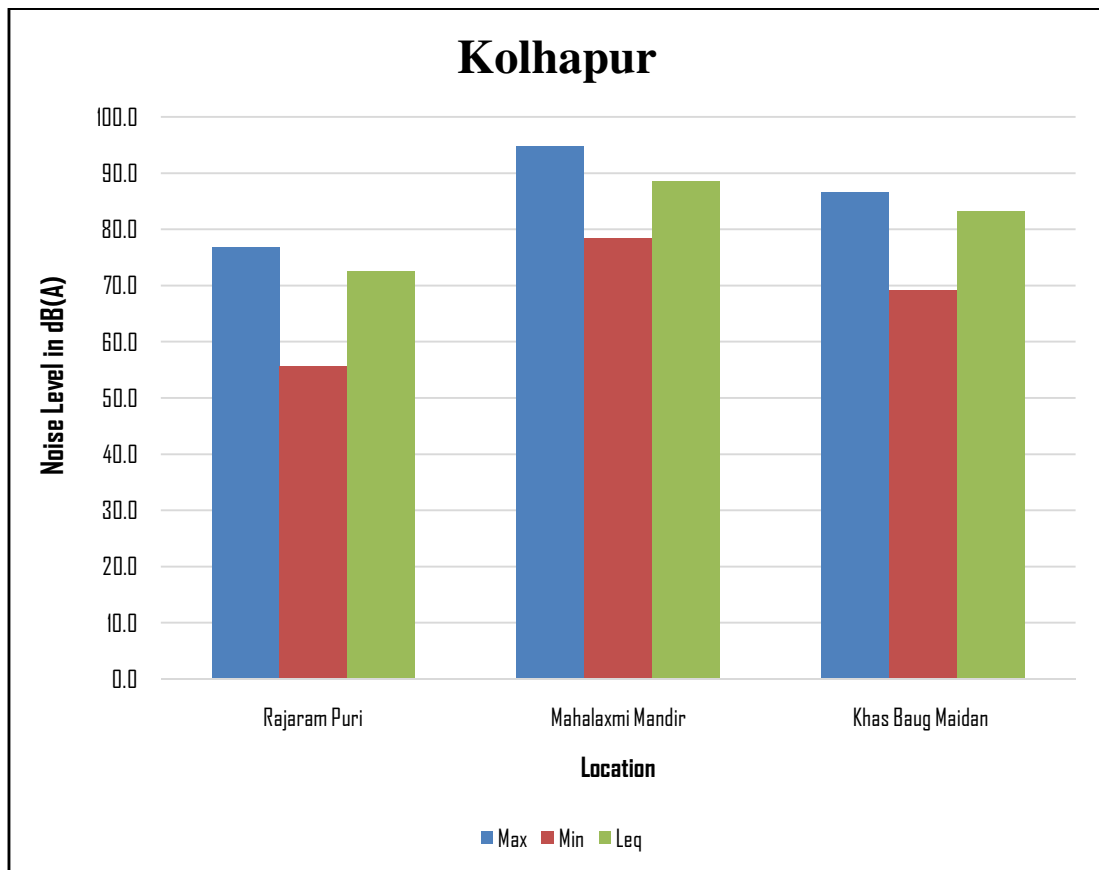
Hourly Noise levels on 26th August, 2017 in Jalgaon


11. Kolhapur

Kolhapur region the highest noise level was observed at Mahalaxmi Mandir with 88.4 dB(A) and the reason for the increase in noise level was due to crowd gatherings near the mandir.

Table 5.11: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Kolhapur

Location	L_{max}	L_{min}	L_{eq}
Rajaram Puri	76.7	55.6	72.5
Mahalaxmi Mandir	94.8	78.4	88.4
Khas Baug Maidan	86.6	69.2	83.3

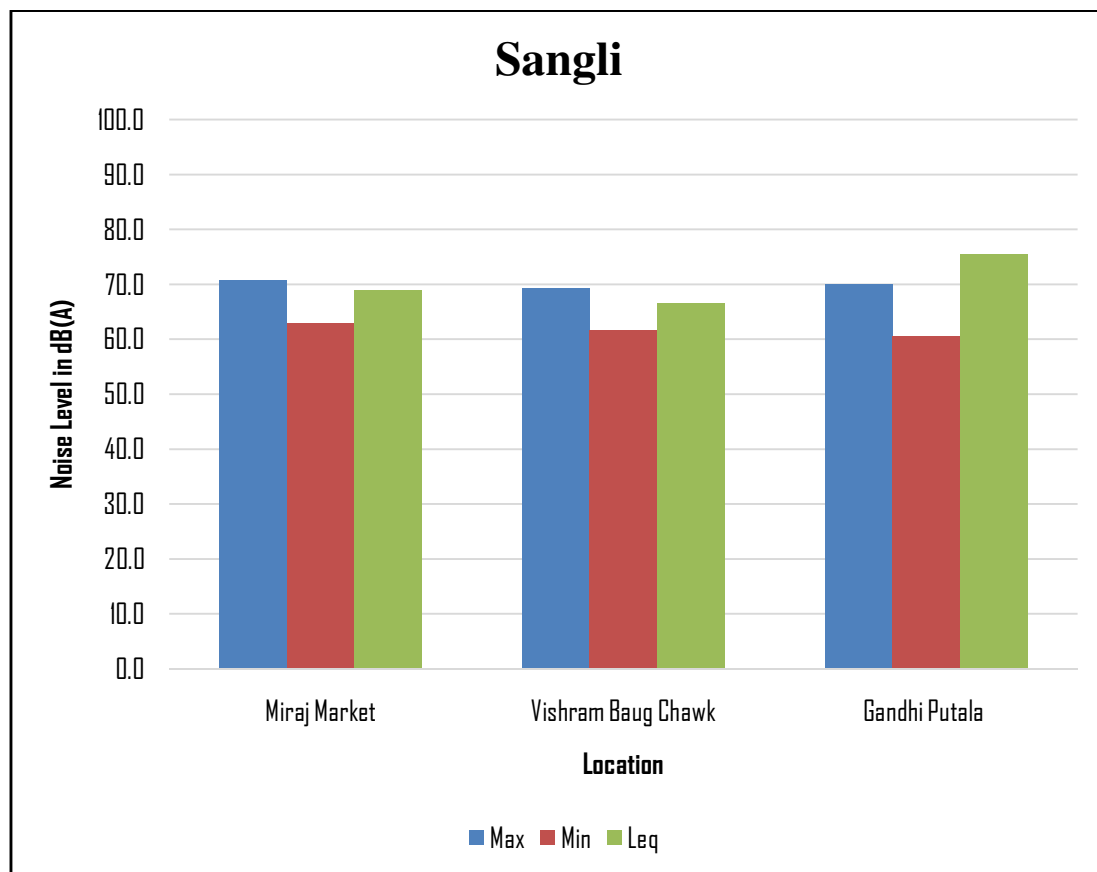
Hourly Noise levels on 26th August, 2017 in Kolhapur


12. Sangli

The highest noise level on 26th August was also observed at Gandhi Putala with 75.5 dB(A) and the main reason of increase in noise level was due to traffic congestion and Ganesh visarjan possession.

Table 5.12: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Sangli

Location	L_{max}	L_{min}	L_{eq}
Miraj Market	70.7	62.8	68.9
Vishram Baug Chawk	69.3	61.5	66.5
Gandhi Putala	70.1	60.6	75.5

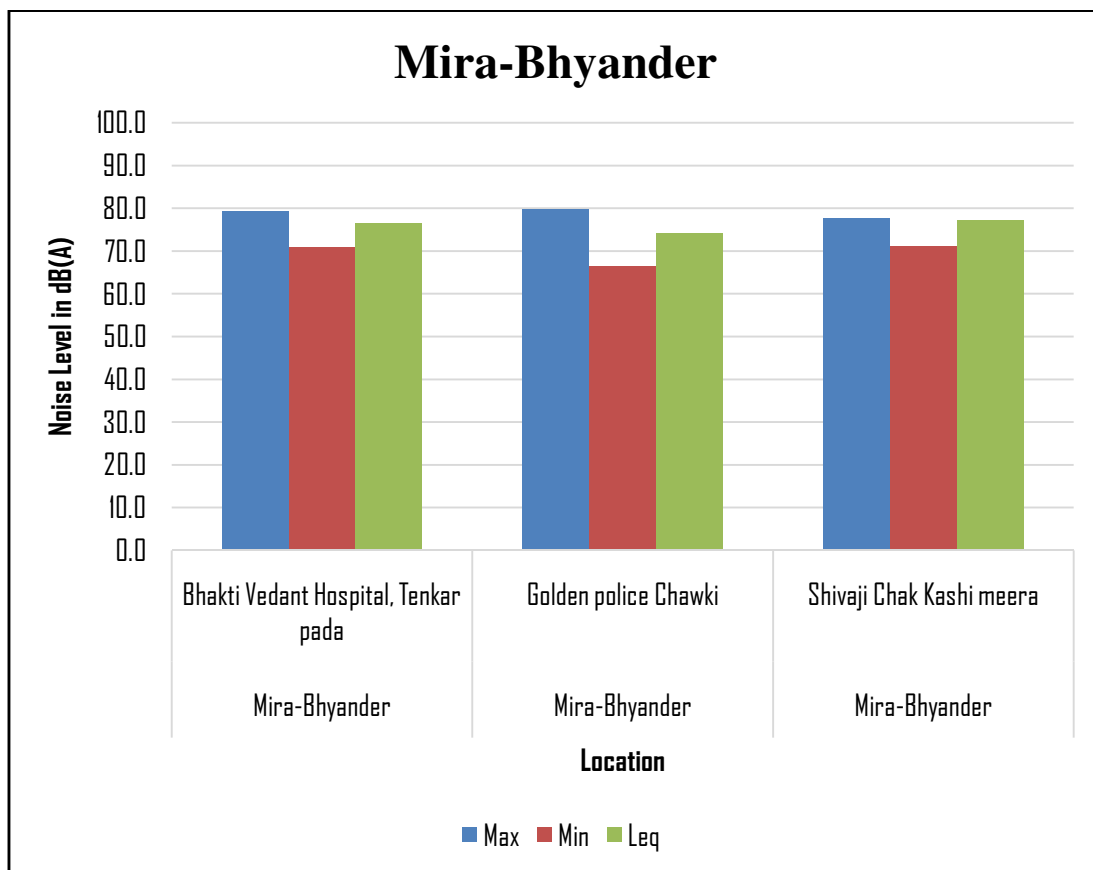
Hourly Noise levels on 26th August, 2017 in Sangli


13. Mira-Bhayander

In Mira-Bhayander on 26th August also the highest noise level was observed at Shivaji Chawk, Kashi Meera with 77.4 dB(A) and the reason for increase in noise level was due to the noise from pandals of society and other.

Table 5.13: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Mira-Bhayander

Location	L_{max}	L_{min}	L_{eq}
Bhakti Vedant Hospital, Tenkar pada	79.4	70.9	76.6
Golden police Chawki	79.7	66.5	74.2
Shivaji Chawk Kashi meera	77.6	71.3	77.4

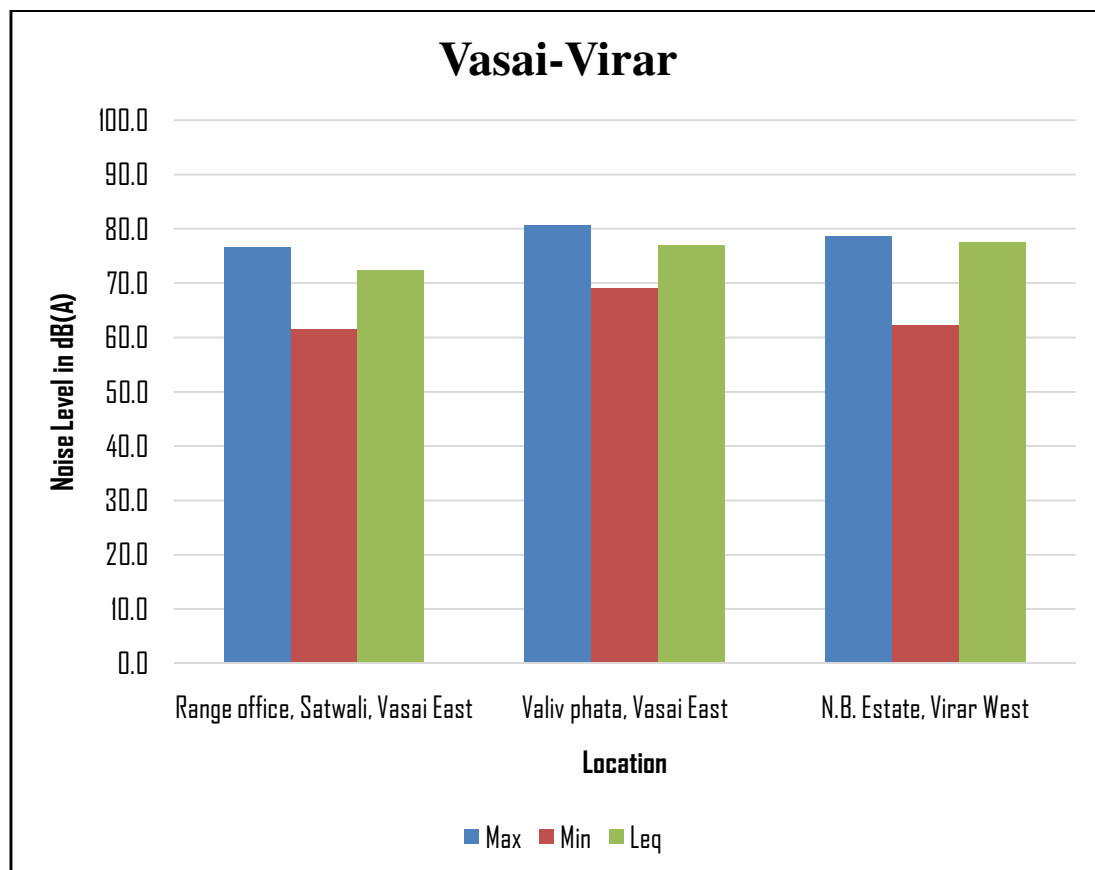
Hourly Noise levels on 26th August, 2017 in Mira-Bhayander


14. Vasai-Virar

At Vasai-Virar also the highest noise level was observed at the same location i.e. at N.B. Estate with 77.5 dB(A) and the reason was due to loud speakers used at pandals nearby.

Table 5.14: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Vasai-Virar

Location	L_{max}	L_{min}	L_{eq}
Range office, Satwali, Vasai East	76.6	61.5	72.4
Valiv phata, Vasai East	80.7	69.1	77.1
N.B. Estate, Virar West	78.6	62.4	77.5

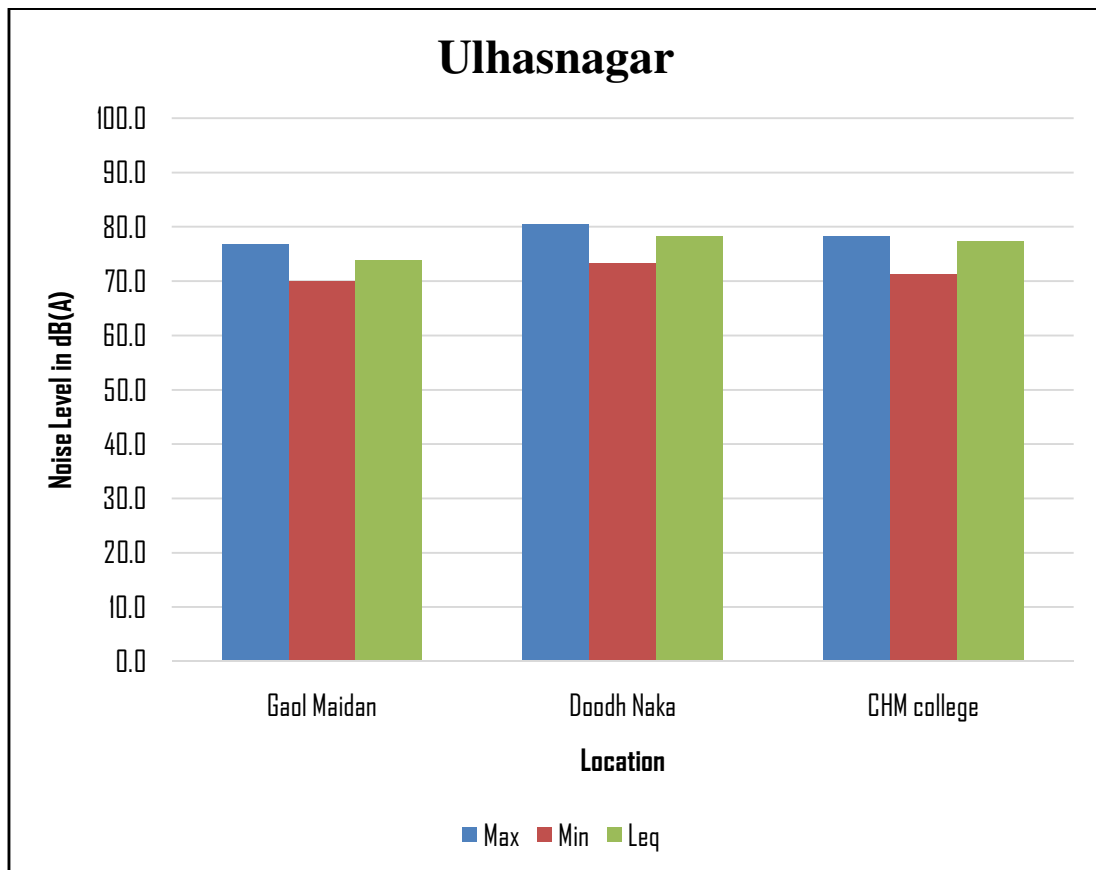
Hourly Noise levels on 26th August, 2017 in Vasai-Virar


15. Ulhasnagar

At Ulhasnagar the highest noise level was observed at Doodh naka with 78.3 dB(A) and was mainly due to the traffic in the area caused due the Ganesh Visarjan.

Table 5.15: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Ulhasnagar

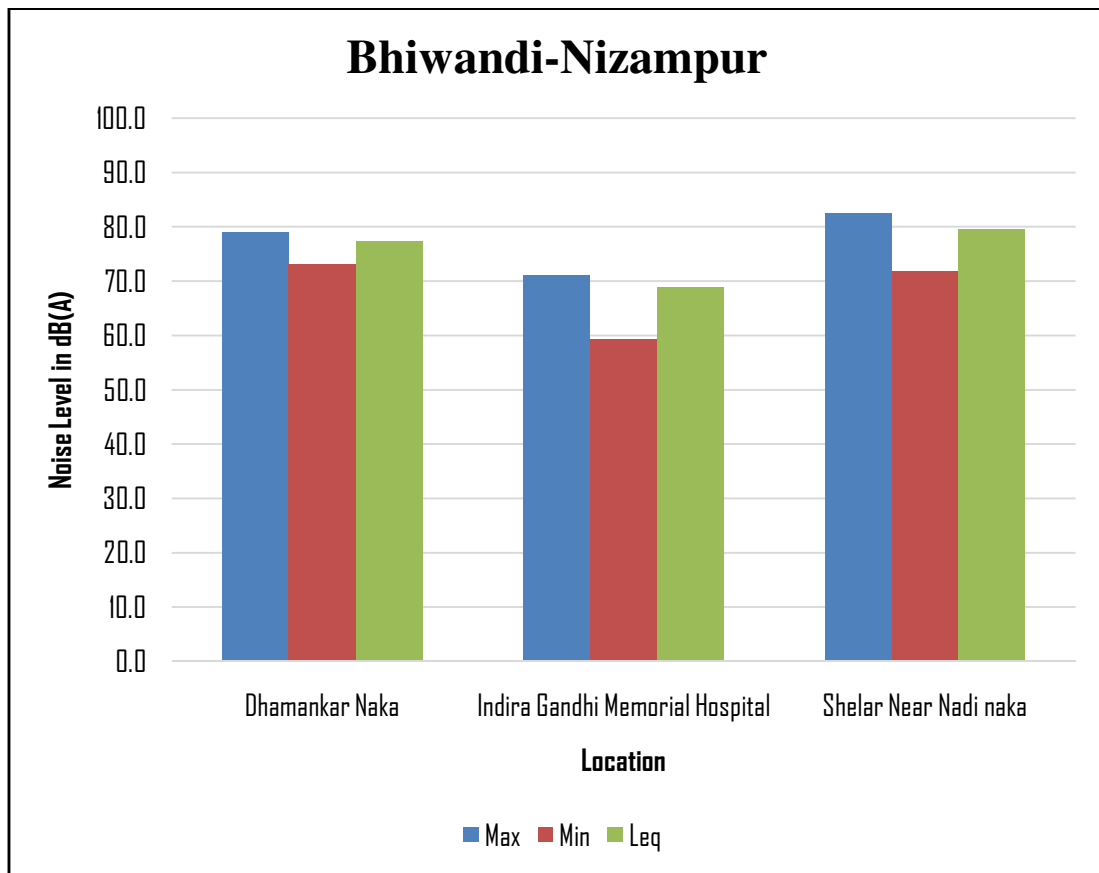
Location	L_{max}	L_{min}	L_{eq}
Gaol Maidan	76.9	70.0	73.8
Doodh Naka, Ulhasnagr sector 5	80.5	73.3	78.3
CHM college	78.4	71.4	77.3

Hourly Noise levels on 26th August, 2017 in Ulhasnagar

16. Bhiwandi-Nizampur

On 26th August also the highest noise level was observed at Shelar near nadi naka with 79.5 dB(A) and the increase in noise level was due to the noise from loud speakers of nearby pandal, possession for Ganesh Visarjan and traffic due to the same.

Table 5.16: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Bhiwandi-Nizampur

Location	L_{max}	L_{min}	L_{eq}
Dhamankar Naka	79.1	73.2	77.4
Indira Gandhi Memorial Hospital	71.2	59.3	68.8
Shelar Near Nadi naka	82.6	71.9	79.5

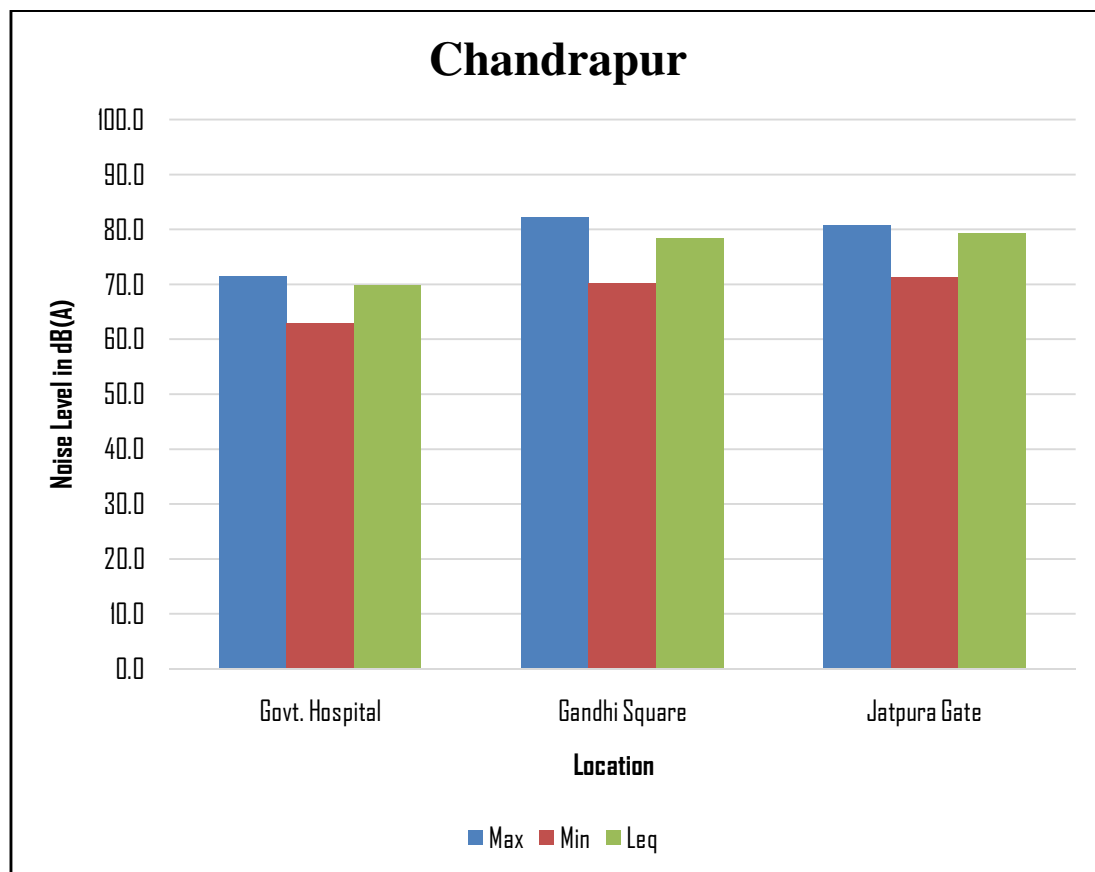
Hourly Noise levels on 26th August, 2017 in Bhiwandi-Nizampur


17. Chandrapur

In Chandrapur region the highest noise level was observed at Jatpura gate with 79.2 dB(A) and the reason for increase in noise level was due to traffic due to Ganesh Visarjan.

Table 5.17: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Chandrapur

Location	L_{max}	L_{min}	L_{eq}
Govt. Hospital	71.5	62.8	69.7
Gandhi Square	82.3	70.2	78.4
Jatpura Gate	80.8	71.2	79.2

Hourly Noise levels on 26th August, 2017 in Chandrapur


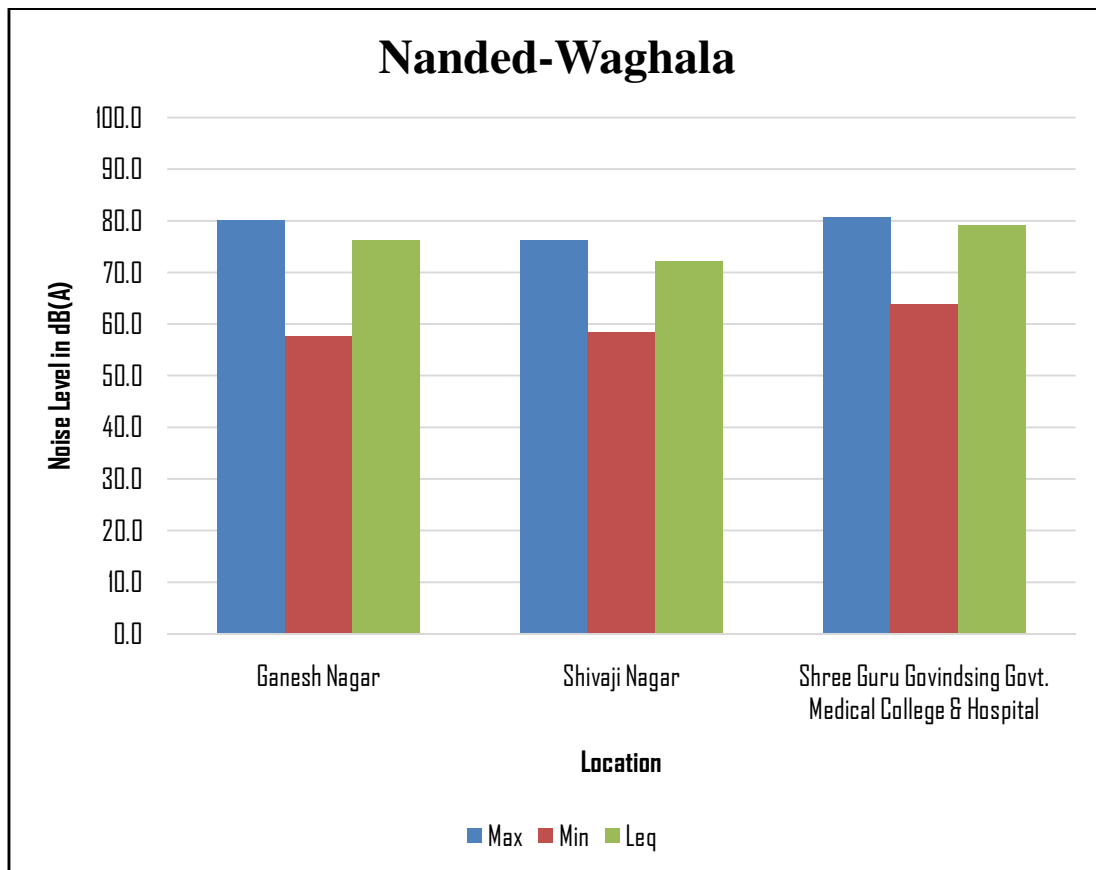
18. Nanded-Waghala

At Nanded-Waghala the highest noise level on 26th August was observed at Shree Guru Govindsing Govt. Medical College & Hospital with 79.1 dB(A) and the increase in noise level was due to the traffic caused due to the possession for Ganesh Visarjan.

Table 5.18: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Nanded-Waghala

Location	L_{max}	L_{min}	L_{eq}
Ganesh Nagar	80.1	57.6	76.2
Shivaji Nagar	76.2	58.4	72.1
Shree Guru Govindsing Govt. Medical College & Hospital	80.7	63.7	79.1

Hourly Noise levels on 26th August, 2017 in Nanded-Waghala

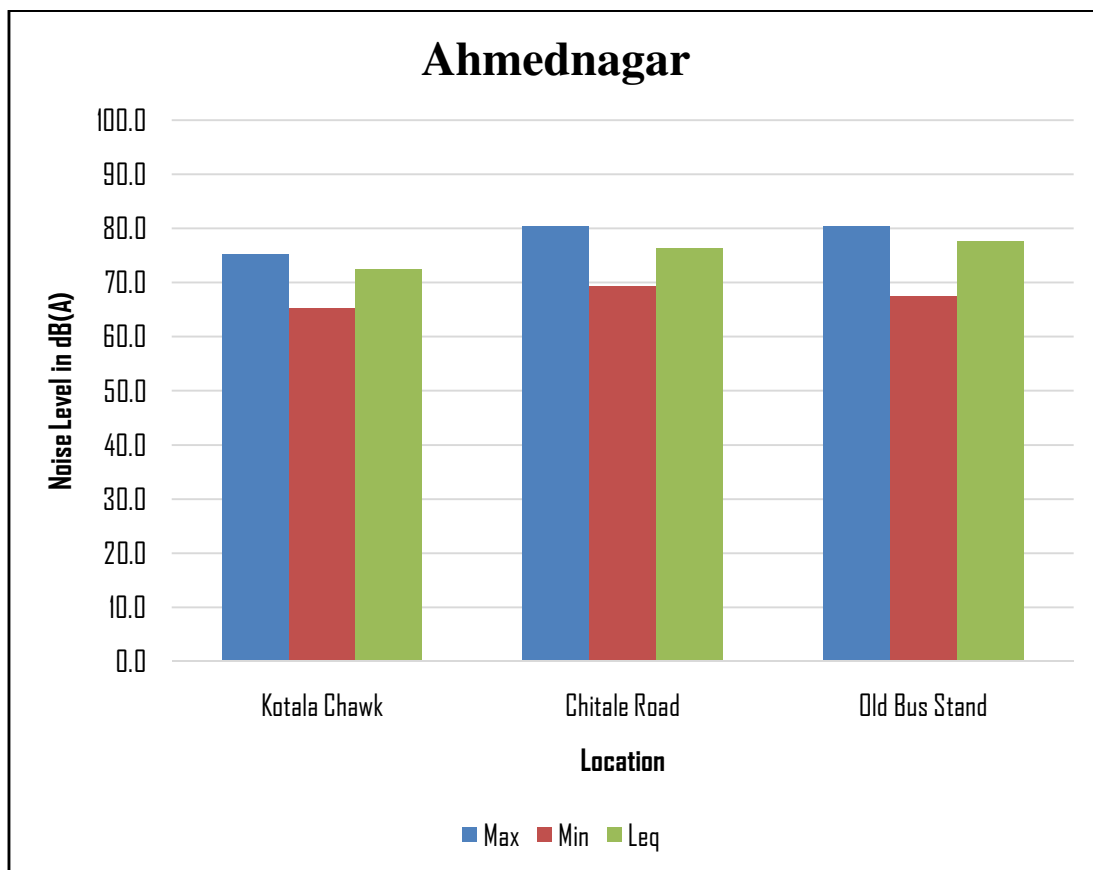


19. Ahmednagar

On 26th August also the highest noise level in Ahmednagar was observed at Old Bus stand with 77.6 dB(A) and the increase in noise was mainly due to traffic.

Table 5.19: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Ahmednagar

Location	L_{max}	L_{min}	L_{eq}
Kotala Chawk	75.3	65.3	72.6
Chitale Road	80.4	69.4	76.5
Old Bus Stand	80.4	67.5	77.6

Hourly Noise levels on 26th August, 2017 in Ahmednagar


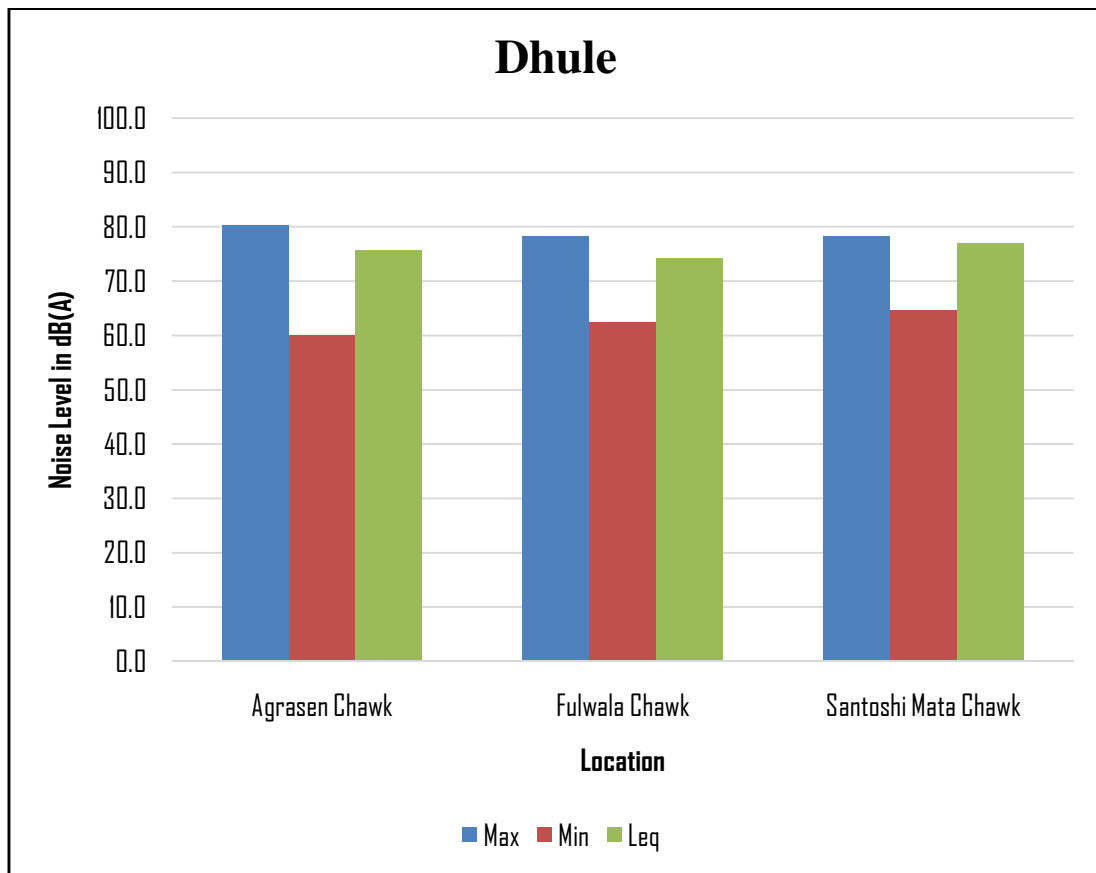
20. Dhule

At Dhule the highest noise level was observed at Santoshi Mata Chowk only on 26th August with 77.1 dB(A). The increase in noise level was mainly due to the crowd gatherings and prayers and the traffic due to the same.

Table 5.20: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Dhule

Location	L_{max}	L_{min}	L_{eq}
Agrasen Chawk	80.4	60.1	75.8
Fulwala Chawk	78.3	62.5	74.3
Santoshi Mata Chawk	78.3	64.7	77.1

Hourly Noise levels on 26th August, 2017 in Dhule



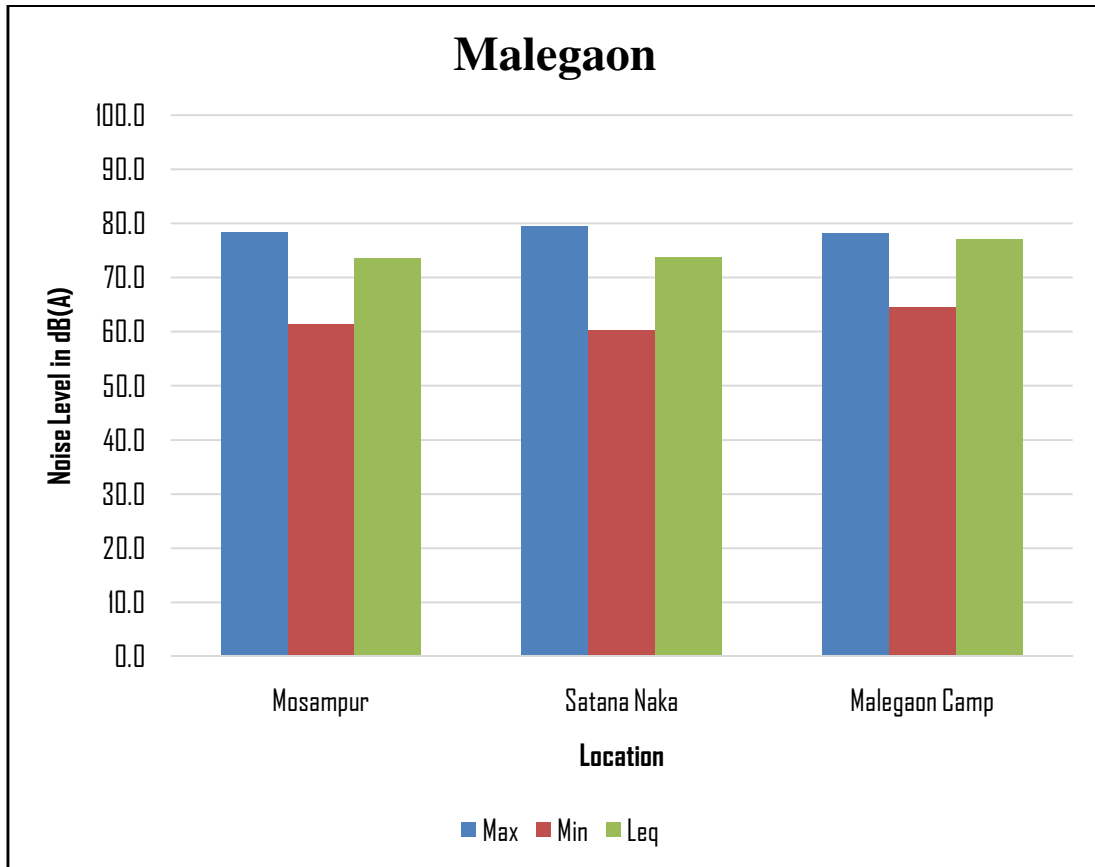
21. Malegaon

The highest noise level at Malegaon region was observed at Malegaon camp with 77.2 dB(A). The reason for increase in noise pollution is due to traffic and load speakers at pandals located nearby.

Table 5.21: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Malegaon

Location	L_{max}	L_{min}	L_{eq}
Mosampur	78.5	61.4	73.6
Satana Naka	79.5	60.3	73.8
Malegaon Camp	78.2	64.5	77.2

Hourly Noise levels on 26th August, 2017 in Malegaon

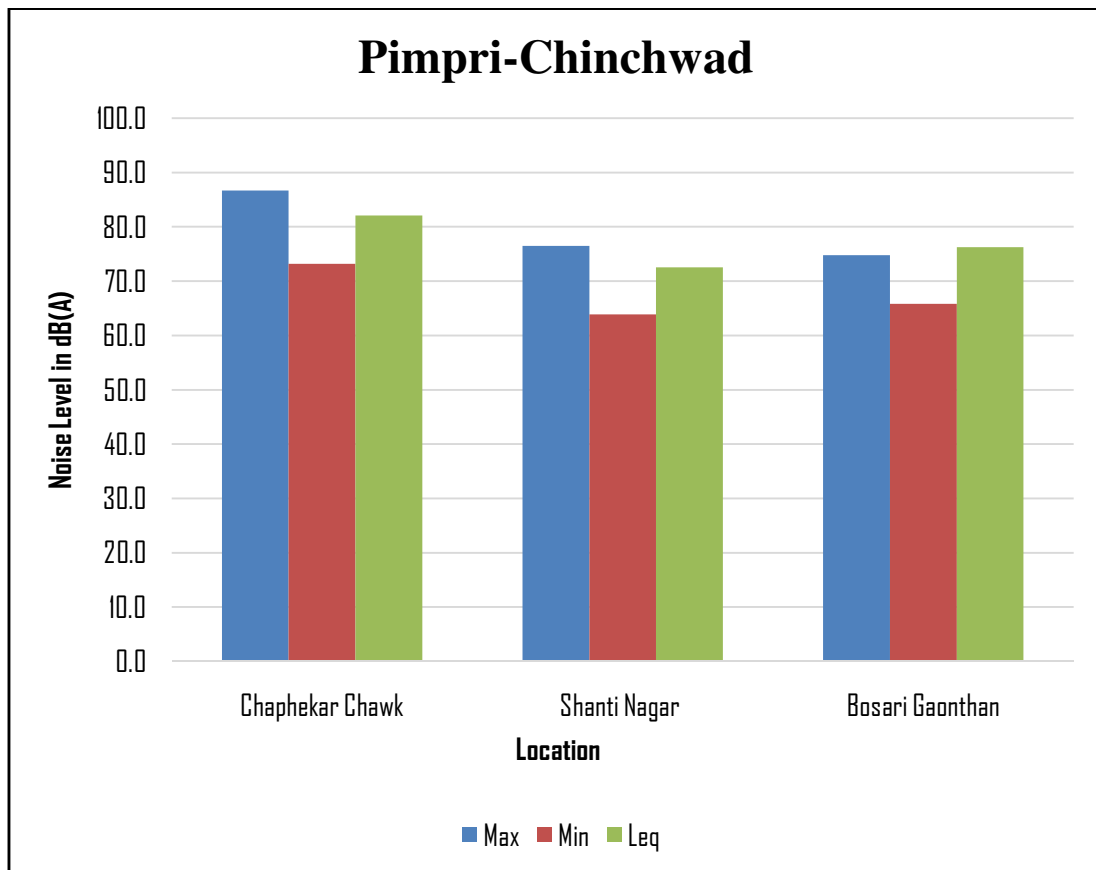


22. Pimpri-Chinchwad

In Pimpri-Chinchwad the highest noise level was observed at Bosari Gaonthan with 80.8 dB(A) and the reason for increase in noise level is due to the traffic conjection.

Table 5.22: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Pimpri-Chinchwad

Location	L_{max}	L_{min}	L_{eq}
Chaphekar Chawk	84.2	71.6	79.8
Shanti Nagar	76.8	62.9	73.2
Bosari Gaonthan	83.7	67.3	80.8

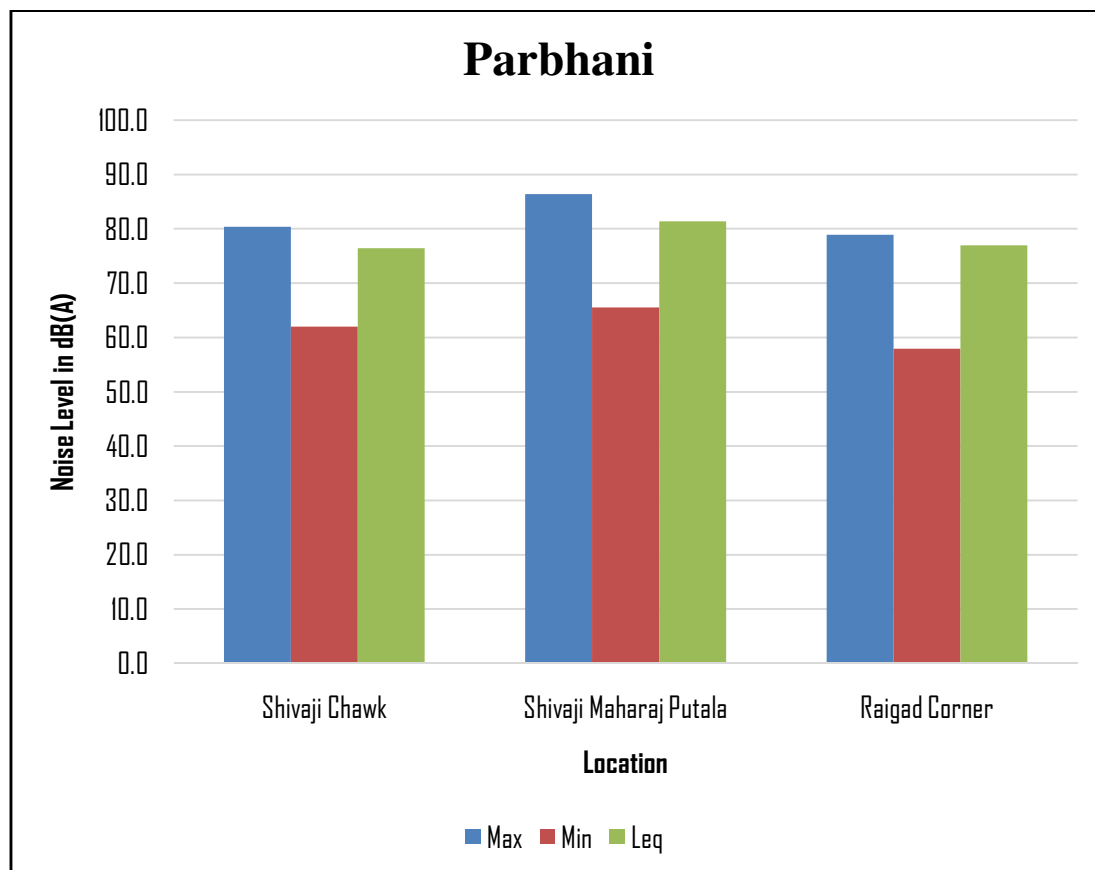
Hourly Noise levels on 26th August, 2017 in Pimpri-Chinchwad


23. Parbhani

The highest noise level in Parbhani region on 26th August was also observed at Shivaji Maharaj Putala and the increase in noise level was due to traffic congestion.

Table 5.23: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Parbhani

Location	L_{max}	L_{min}	L_{eq}
Shivaji Chawk	80.4	53.0	75.3
Shivaji Maharaj Putala	82.8	64.1	78.1
Raigad Corner	76.2	51.9	76.6

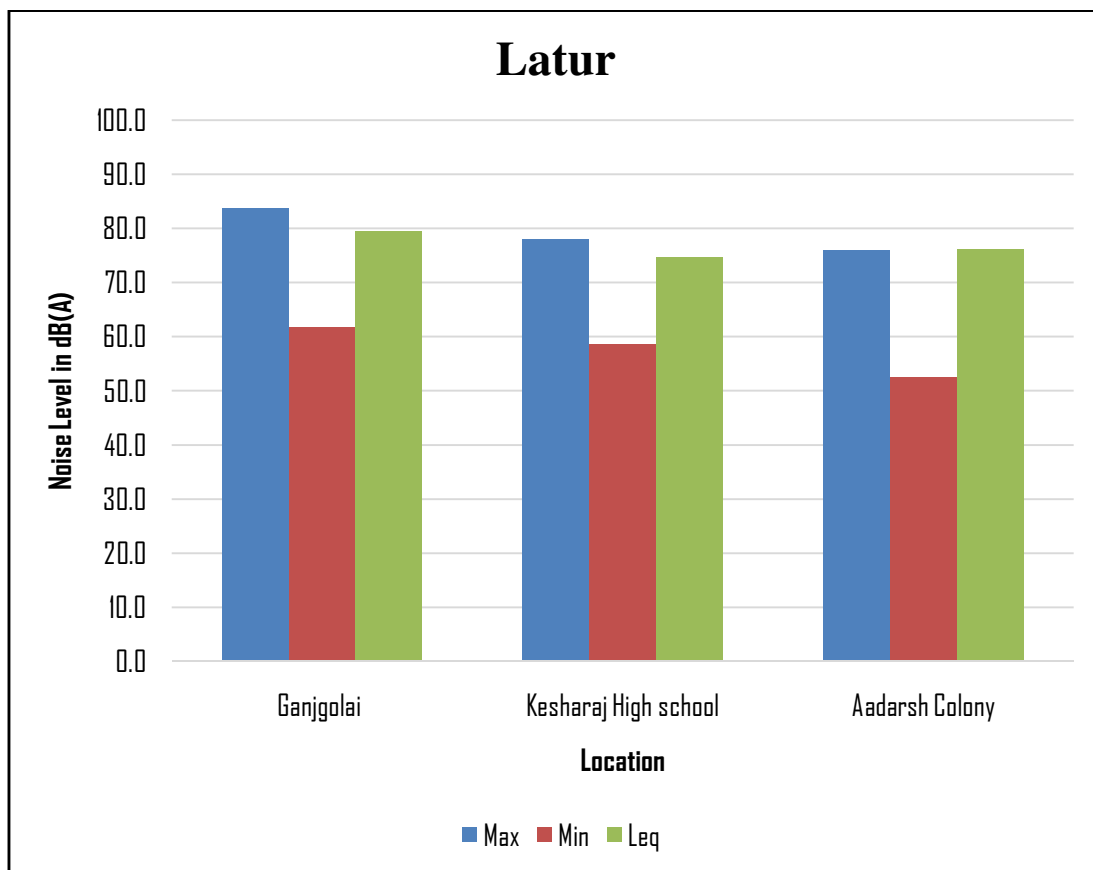
Hourly Noise levels on 26th August, 2017 in Parbhani

24. Latur

At Latur also the highest noise level on the second day of Ganesh festival was observed at the same location with 79.6 dB(A) and the reason was use of loud speakers and drums during the possession.

Table 5.24: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Latur

Location	L_{max}	L_{min}	L_{eq}
Ganjgolai	83.7	61.8	79.6
Kesharaj High school	78.0	58.6	74.7
Aadarsh Colony	76.0	52.6	76.3

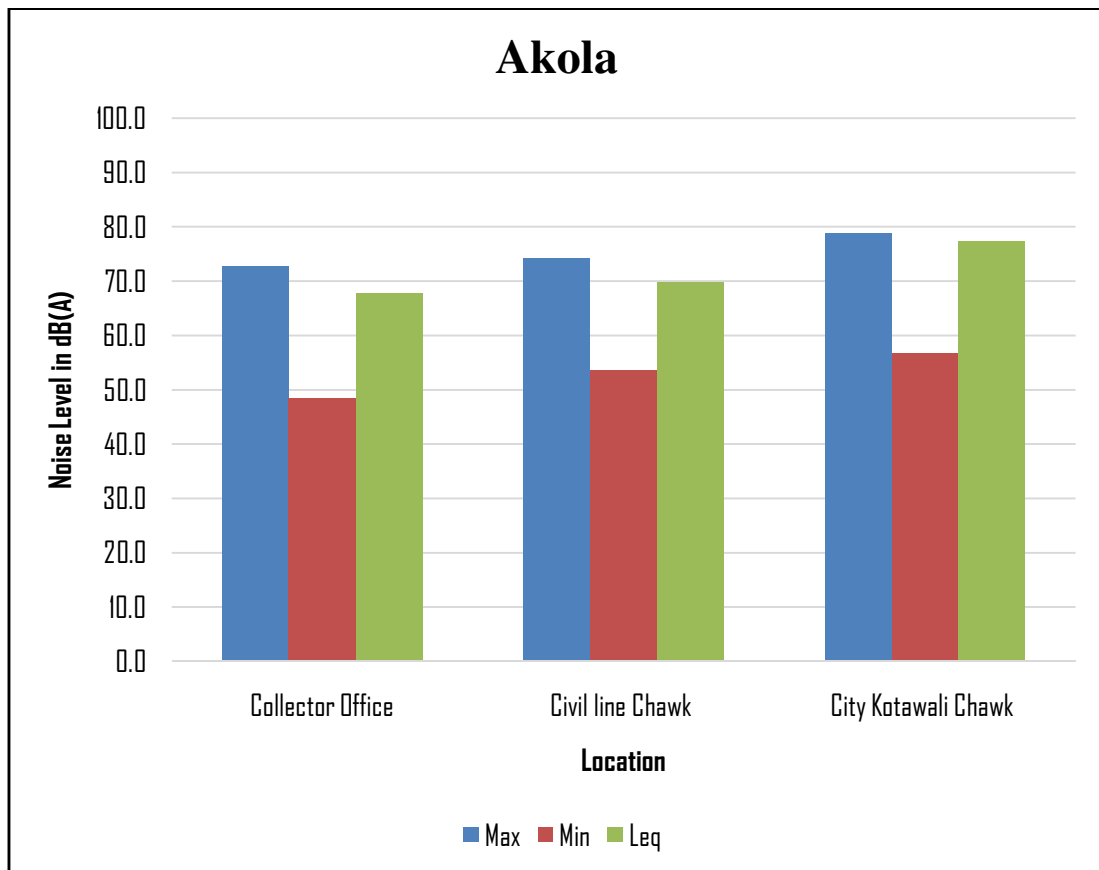
Hourly Noise levels on 26th August, 2017 in Latur


25. Akola

On the second day of Ganesh also City Kotawali Chawk with 77.5 dB(A) had the highest noise level and the increase in noise level was due to traffic.

Table 5.25: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Akola

Location	L_{max}	L_{min}	L_{eq}
Collector Office	72.8	48.4	67.7
Civil line Chawk	74.2	53.7	69.9
City Kotawali Chawk	78.9	56.7	77.5

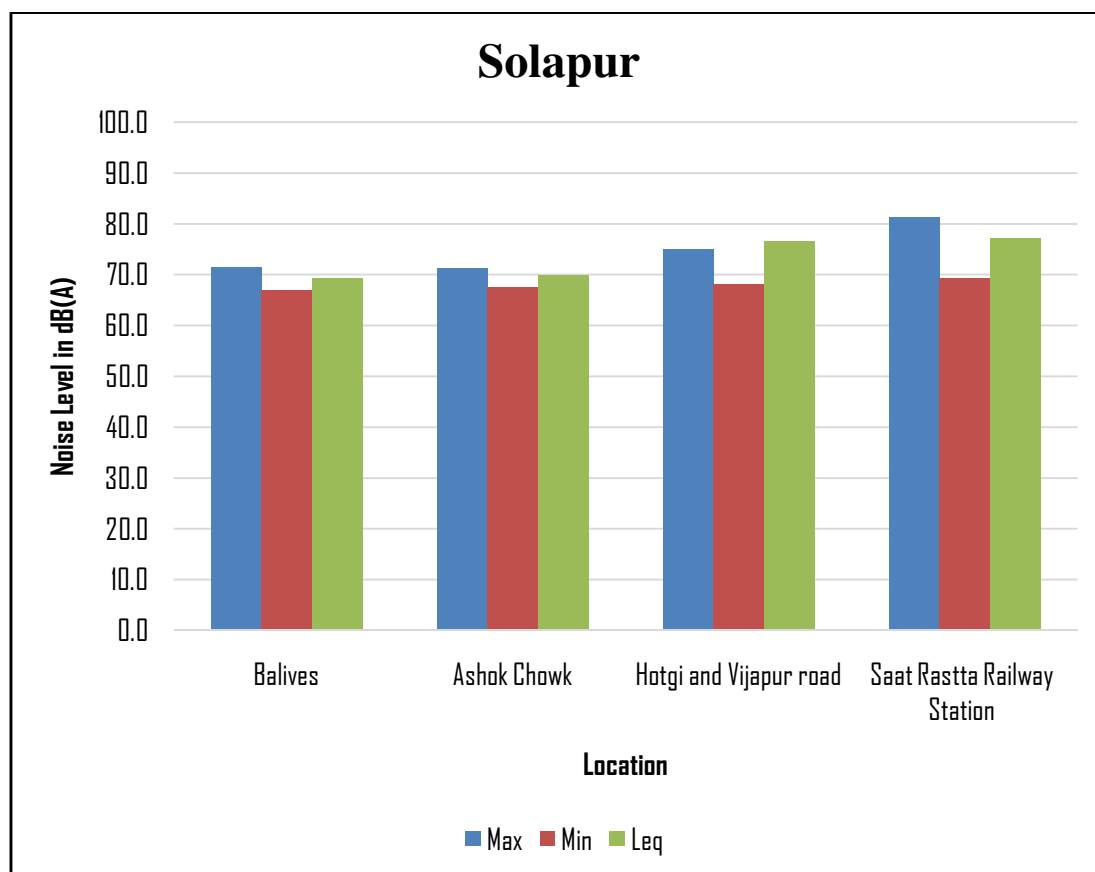
Hourly Noise levels on 26th August, 2017 in Akola


26. Solapur

Saat Rastta Near railway station was found to be the noisiest during second day of Ganesh festival with 77.2 dB(A) and the increase in noise level was mainly due to the crowd and traffic.

Table 5.26 : Equivalent Continuous (L_{eq}) dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Solapur

Location	L_{max}	L_{min}	L_{eq}
Balives	71.6	67.0	69.4
Ashok Chowk	71.2	67.7	69.9
Hotgi and Vijapur road	75.1	68.3	76.7
Saat Rastta Railway Station	81.3	69.3	77.2

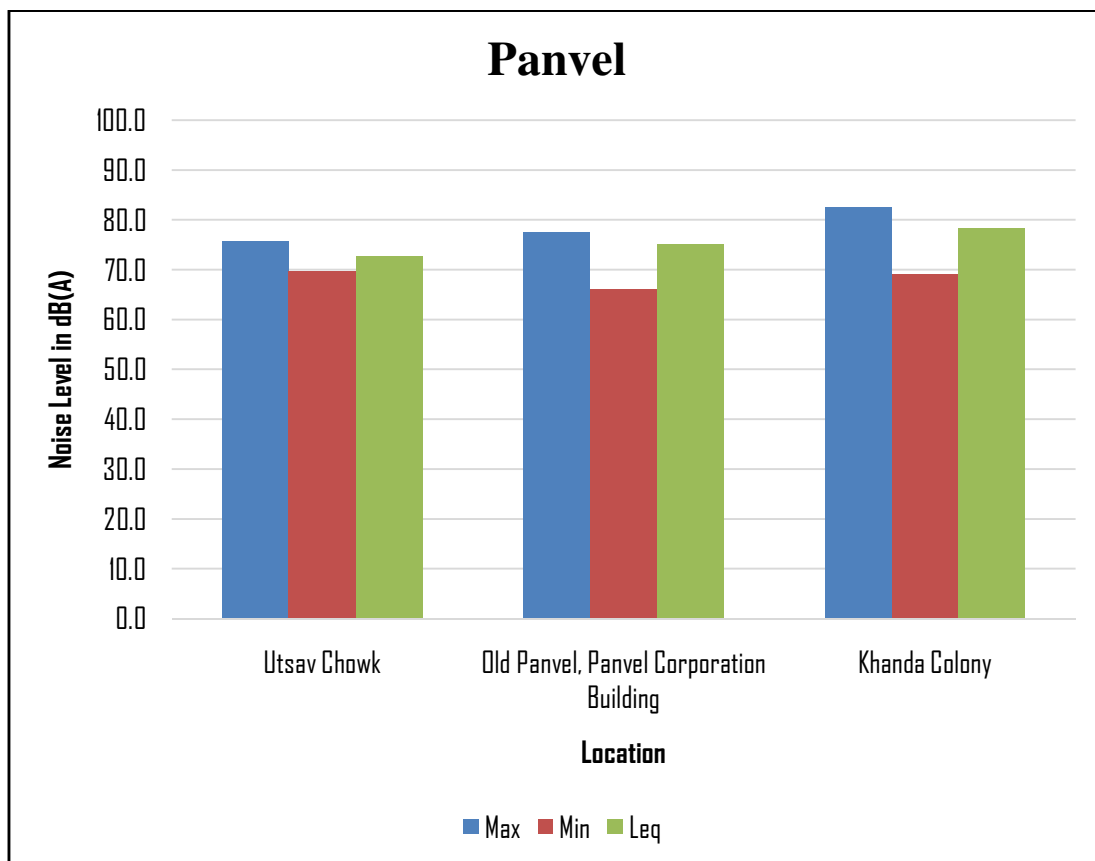
Hourly Noise levels on 26^h August, 2017 in Solapur

27. Panvel

The highest noise level of 78.4 dB(A) was observed at Khanda colony and the reason for the increase in noise level was due to use of loud speakers in the nearby pandals.

Table 5.27: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 26th August, 2017 in Panvel

Location	L_{max}	L_{min}	L_{eq}
Utsav Chowk	75.7	69.7	72.7
Old Panvel, Panvel Corporation Building	77.7	66.1	75.1
Khanda Colony	82.5	69.2	78.4

Hourly Noise levels on 26th August, 2017 in Panvel



III. Noise Levels on 29th August, 2017

On 29th August 2017 heavy rainfall of more than 100mm in many regions like Mumbai, Thane, Kalyan, Mira Bhayander, Bhiwandi, Navi Mumbai, Ulasnagar, Vasai Virar and Panvel. Our representative had great difficulty in carrying out the noise monitoring due to heavy rain, water log and transportartion problem. In many locations monitoring was only carried out for three to four hours in spite of continous six hours. The increase in noise levels was mainly due to heavy rains, panic crowd, traffic etc. Many houses were collapsed, people were killed, injured, vehicles were damaged and many people was even not able to reach their houses due to the heavy flood.

In the Hourly Noise Levels **Annexure IV** of 29th August 2017 we have highlighted the locations and tiime of which we were not able to carry out monitoring. Based on what ever monitoring we were able to carry out, we have submitted the (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels for all regions.

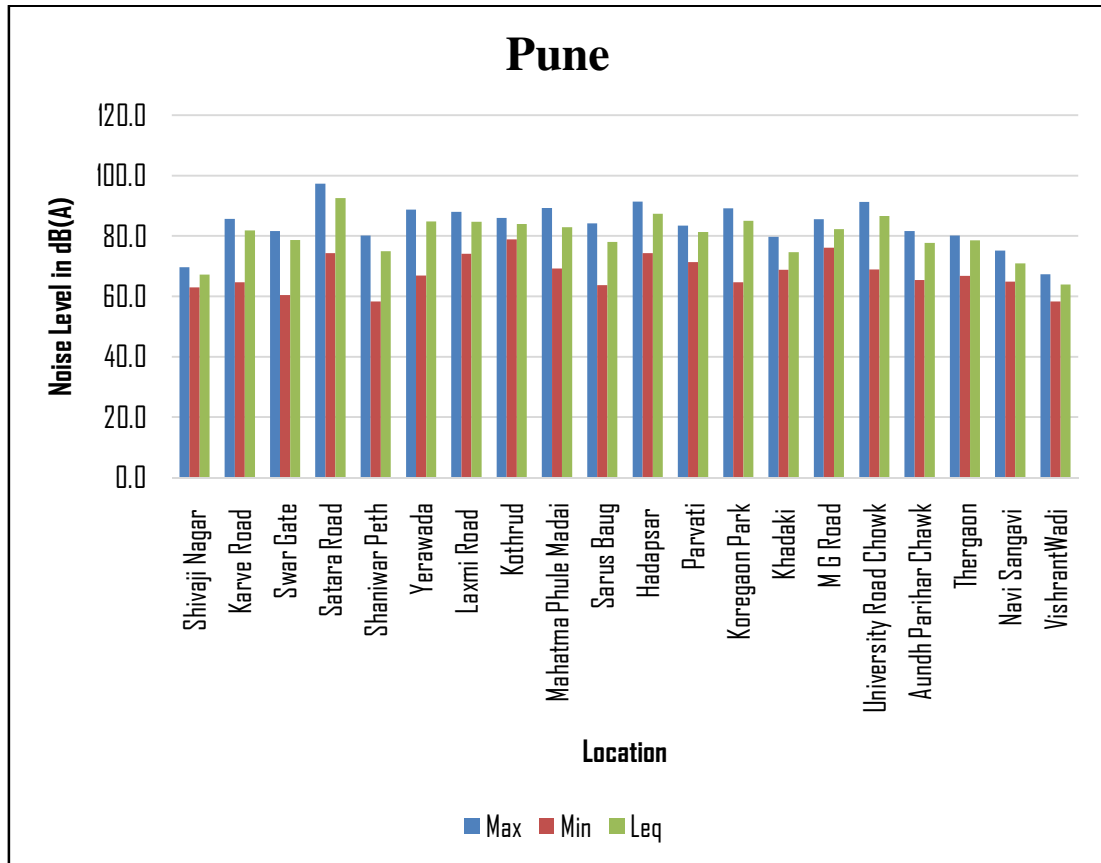


1. Pune

The highest noise level in Pune region was observed at Satara with 92.5 dB(A). The main reason for the increase in noise level was due to the traffic and also due to the noise from near by pandals and possessions for visarjan.

Table 6.4: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Pune

Location	L_{max}	L_{min}	L_{eq}
Shivaji Nagar	69.7	63.0	67.3
Karve Road	85.7	64.7	81.8
Swar Gate	81.6	60.4	78.6
Satara Road	97.3	74.3	92.5
Shaniwar Peth	80.2	58.3	75.0
Yerawada	88.7	66.9	84.8
Laxmi Road	88.0	74.2	84.7
Kothrud	86.0	78.9	84.0
Mahatma Phule Madai	89.3	69.2	82.9
Sarus Baug	84.2	63.7	78.0
Hadapsar	91.4	74.3	87.3
Parvati	83.5	71.4	81.3
Koregaon Park	89.2	64.7	85.0
Khadaki	79.7	68.8	74.6
M G Road	85.6	76.1	82.3
University Road Chowk	91.3	68.9	86.6
Aundh Parihar Chawk	81.6	65.4	77.7
Thergaon	80.1	66.8	78.5
Navi Sangavi	75.2	64.9	70.9
VishrantWadi	67.4	58.4	63.9

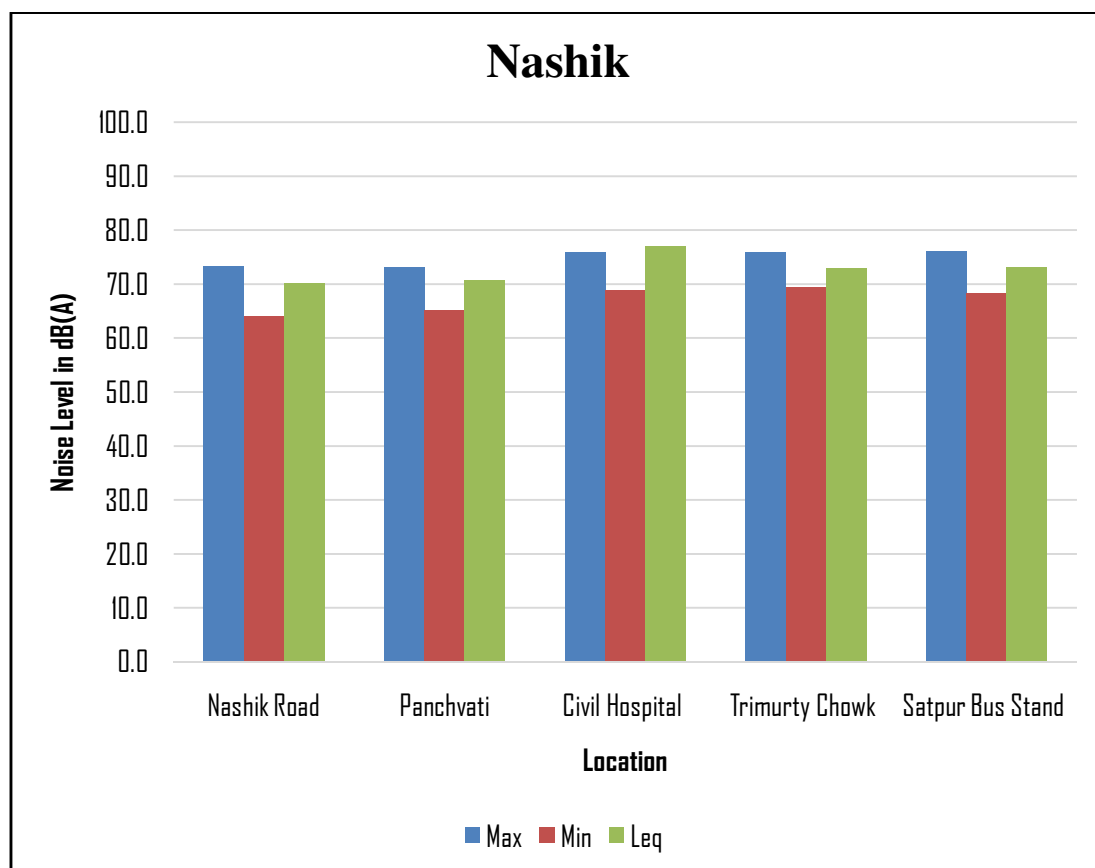
Hourly Noise Levels on 29th August, 2017 in Pune

2. Nashik

The highest noise level was on 29th August at Nashik was observed near Civil Hospital with 77.1 dB(A). The noise level increase was mainly due to the possession for Ganesh Visarjan.

Table 6.5: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Nashik

Location	L_{max}	L_{min}	L_{eq}
Nashik Road	73.4	64.1	70.1
Panchvati	73.2	65.2	70.6
Civil Hospital	75.8	68.9	77.1
Trimurthy Chowk	75.9	69.5	73.0
Satpur Bus Stand	76.1	68.2	73.1

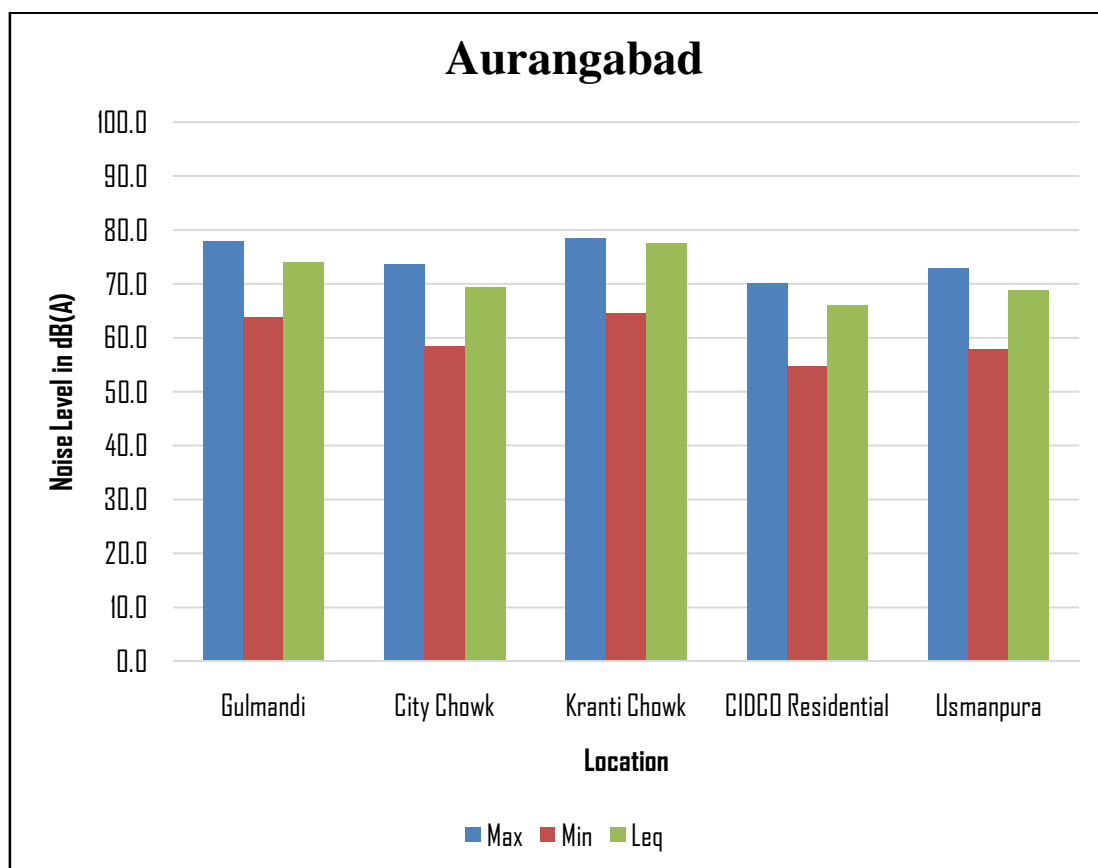
Hourly Noise levels on 29th August, 2017 in Nashik


3. Aurangabad

The highest noise level in Aurangabad was observed at Kranti Chowk only on 29th August with 79.4 dB(A) and the increase in noise level was due to the traffic coinjection due to the Ganesh Visarjan possession.

Table 6.6: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Aurangabad

Location	L_{max}	L_{min}	L_{eq}
Gulmandi	78.0	63.8	74.0
City Chowk	73.6	58.4	69.3
Kranti Chowk	78.5	64.5	77.5
CIDCO Residential	70.1	54.8	66.1
Usmanpura	72.9	57.9	68.8

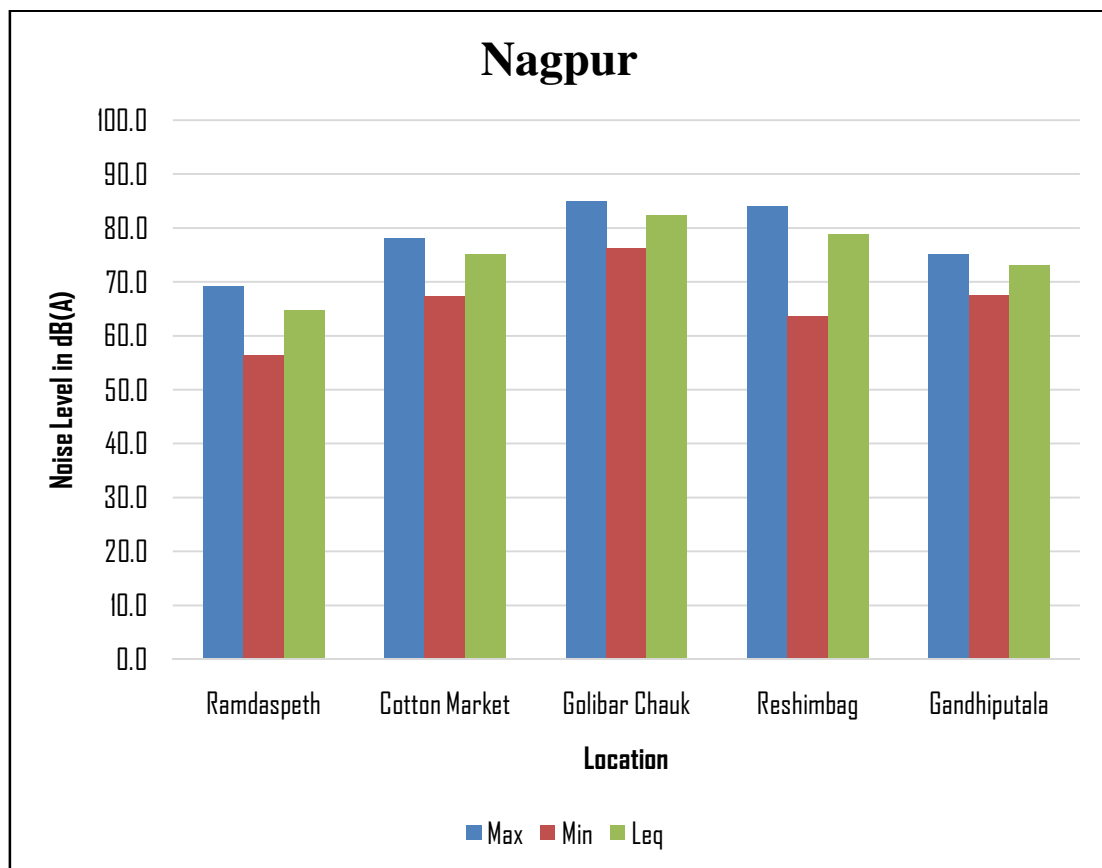
Hourly Noise levels on 29th August, 2017 in Aurangabad


4. Nagpur

In Nagpur region Golibar Chowk had the highest noise level with 82.4 dB(A). The reason for increase in noise level was due the usage of musical instruments during possessions and traffic.

Table 6.7: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Nagpur

Location	L_{max}	L_{min}	L_{eq}
Ramdaspeth	69.2	56.4	64.7
Cotton Market	78.1	67.3	75.1
Golibar Chowk	85.0	76.2	82.4
Reshimbag	84.1	63.7	78.9
Gandhiputala	75.2	67.5	73.2

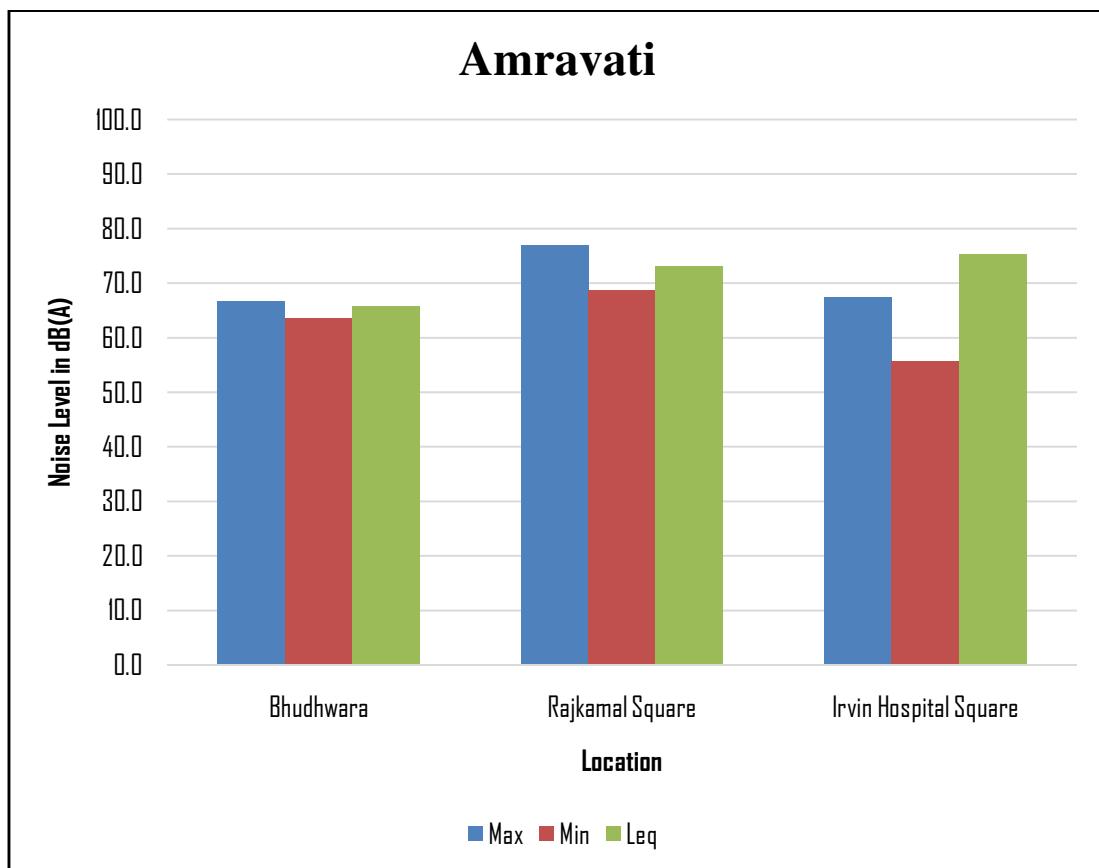
Hourly Noise levels on 29th August, 2017 in Nagpur


5. Amaravati

The noise level near Irvin Hospital was only highest on 29th August with 75.2 dB(A) on at Amravati region. The increase in noise level was due to the traffic near by the area.

Table 6.9: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Amaravati

Location	L_{max}	L_{min}	L_{eq}
Bhudhwara	66.7	63.5	65.7
Rajkamal Square	77.0	68.6	73.1
Irvin Hospital Square	67.3	55.7	75.2

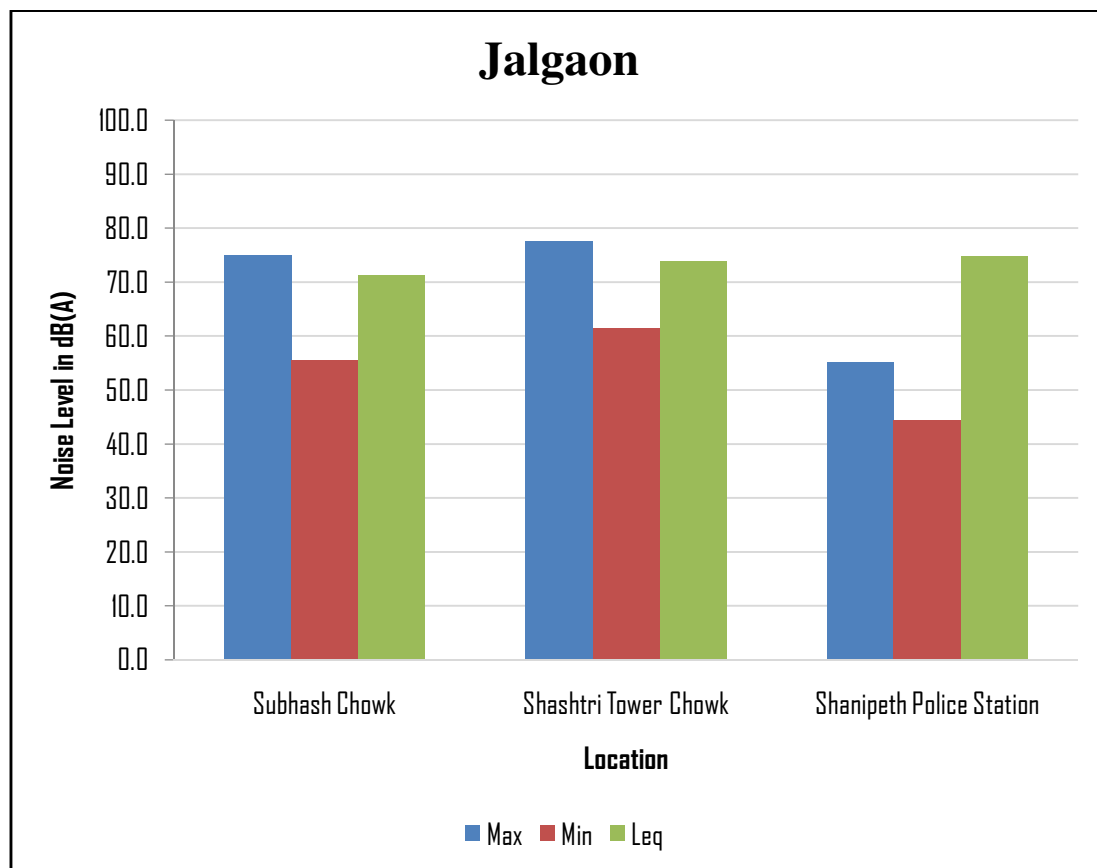
Hourly Noise levels on 29th August, 2017 in Amravati


6. Jalgaon

In Jalgaon region the highest noise level was at Shanipeth police station with 74.8 dB(A). As other regions, the increase in noise level was due to the use of drums and musical instruments during the procession for Ganesh visarjan and the traffic caused due to the same.

Table 6.10: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Jalgaon

Location	L_{max}	L_{min}	L_{eq}
Subhash Chowk	75.0	55.5	71.3
Shashtri Tower Chowk	77.6	61.4	73.9
Shanipeth Police Station	55.2	44.3	74.8

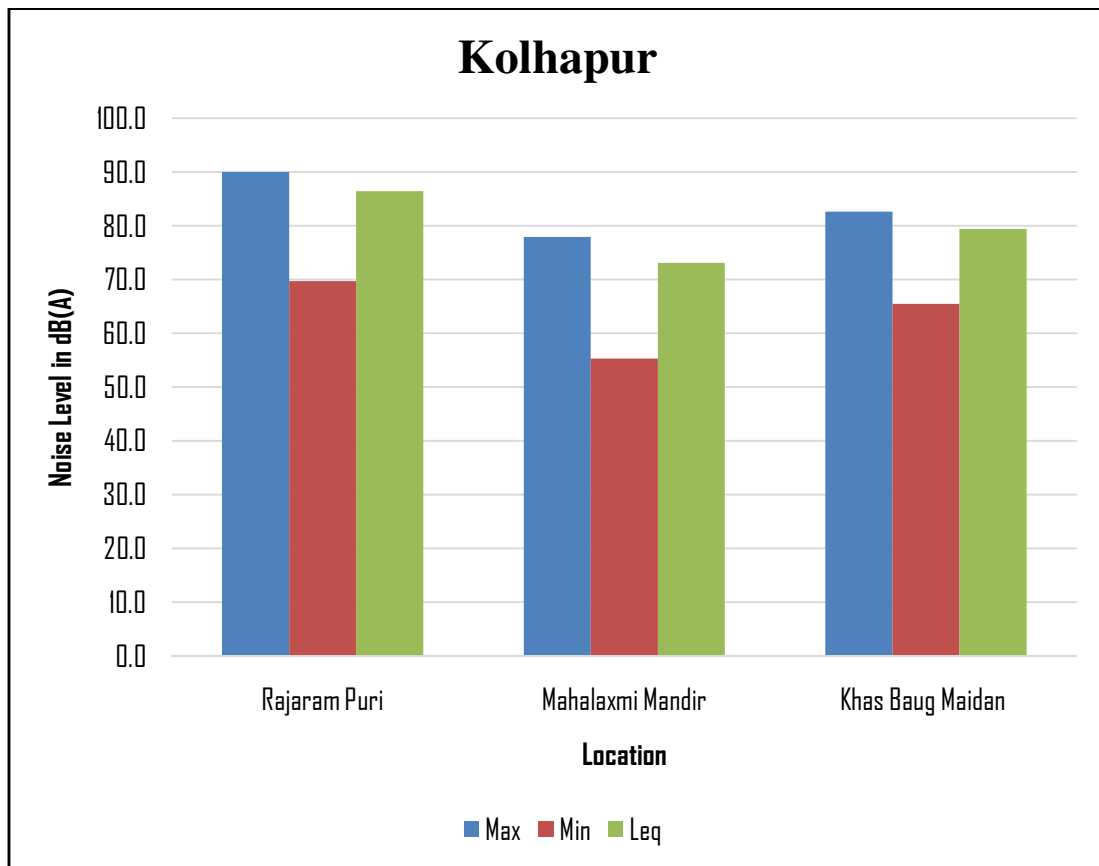
Hourly Noise levels on 29th August, 2017 in Jalgaon


7. Kolhapur

Kolhapur region the highest noise level was observed at Rajaram Puri with 86.5 dB(A) and the reason for the increase in noise level was due to the traffic congestion in the area.

Table 6.11: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Kolhapur

Location	L_{max}	L_{min}	L_{eq}
Rajaram Puri	90.0	69.7	86.5
Mahalaxmi Mandir	77.9	55.3	73.1
Khas Baug Maidan	82.6	65.5	79.4

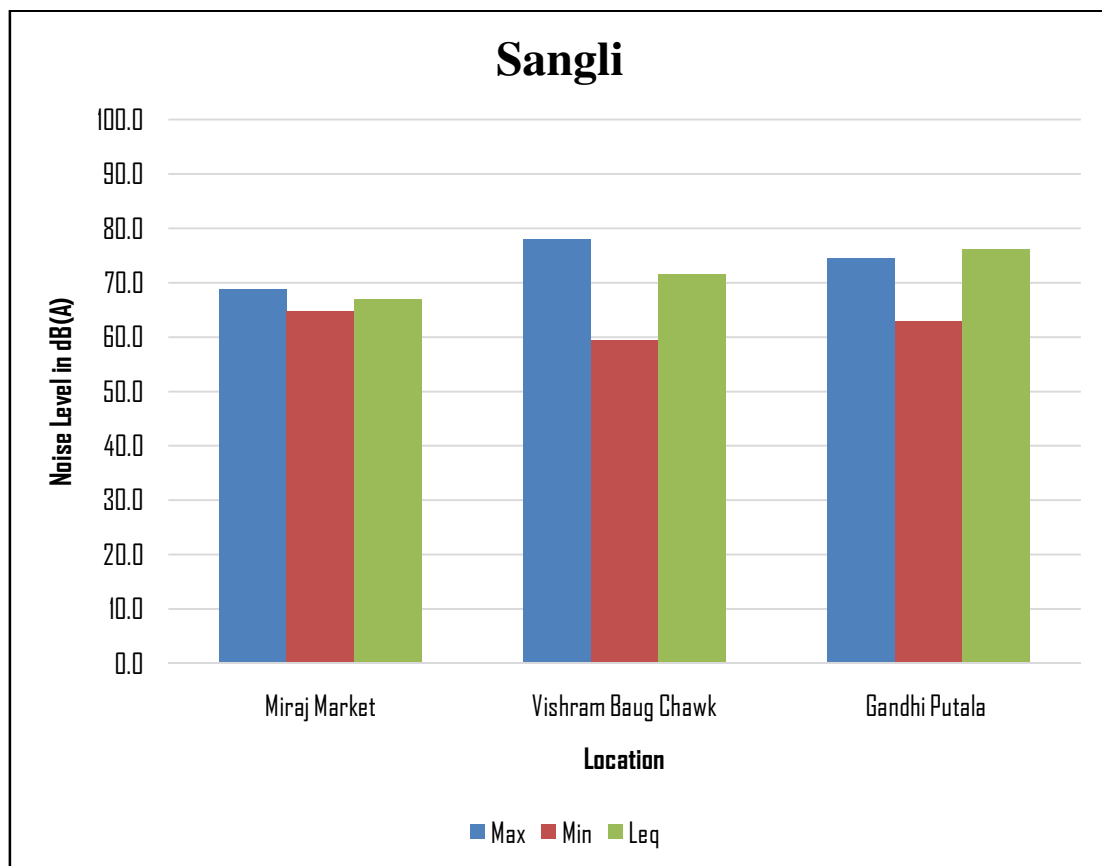
Hourly Noise levels on 29th August, 2017 in Kolhapur


8. Sangli

The highest noise level on 29th August was also observed at Gandhi Putala with 76.1 dB(A) and the main reason of increase in noise level was due to traffic congestion and Ganesh visarjan possession.

Table 6.12: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Sangli

Location	L_{max}	L_{min}	L_{eq}
Miraj Market	68.9	64.7	67.0
Vishram Baug Chawk	78.0	59.5	71.6
Gandhi Putala	74.6	62.9	76.1

Hourly Noise levels on 29th August, 2017 in Sangli


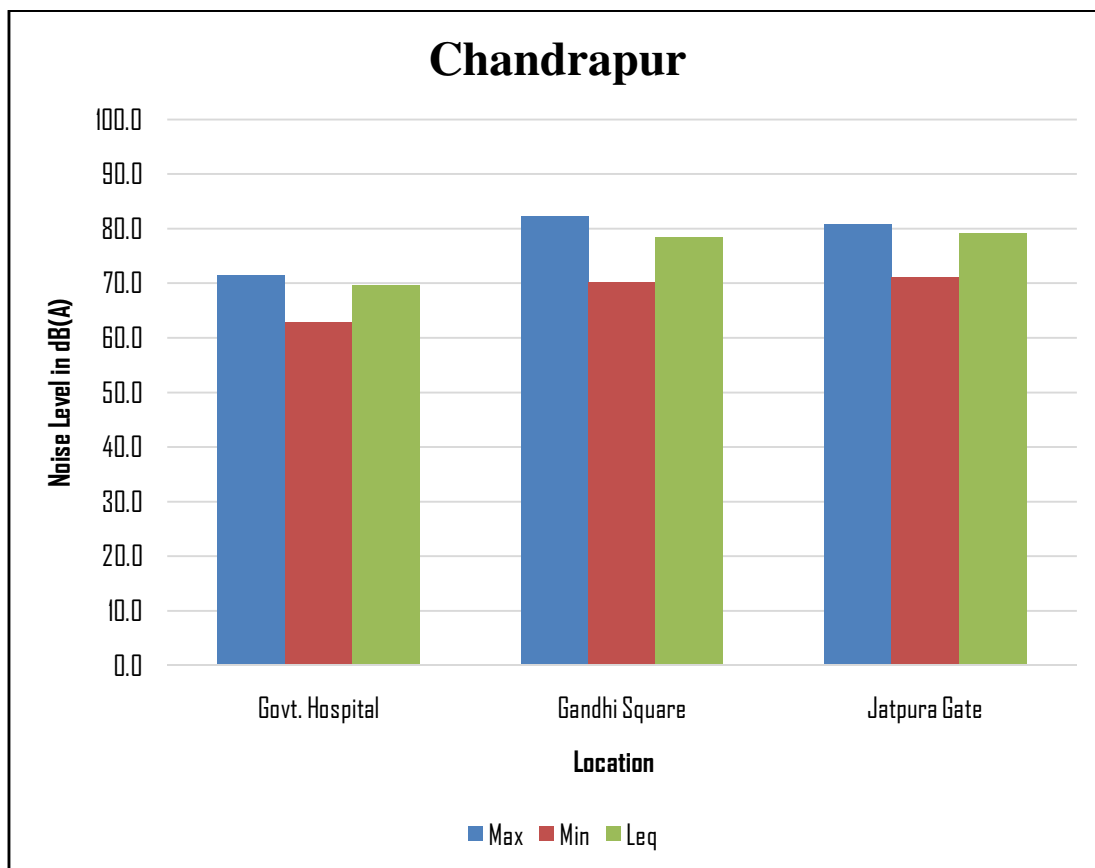
9. Chandrapur

In Chandrapur region the highest noise level was observed at Jatpura gate only on 29th August with 80.7 dB(A) and the reason for increase in noise level was due to traffic due to Ganesh Visarjan.

Table 6.17: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Chandrapur

Location	L_{max}	L_{min}	L_{eq}
Govt. Hospital	72.2	63.2	69.7
Gandhi Square	77.9	68.6	75.8
Jatpura Gate	83.1	69.9	80.7

Hourly Noise levels on 29th August, 2017 in Chandrapur

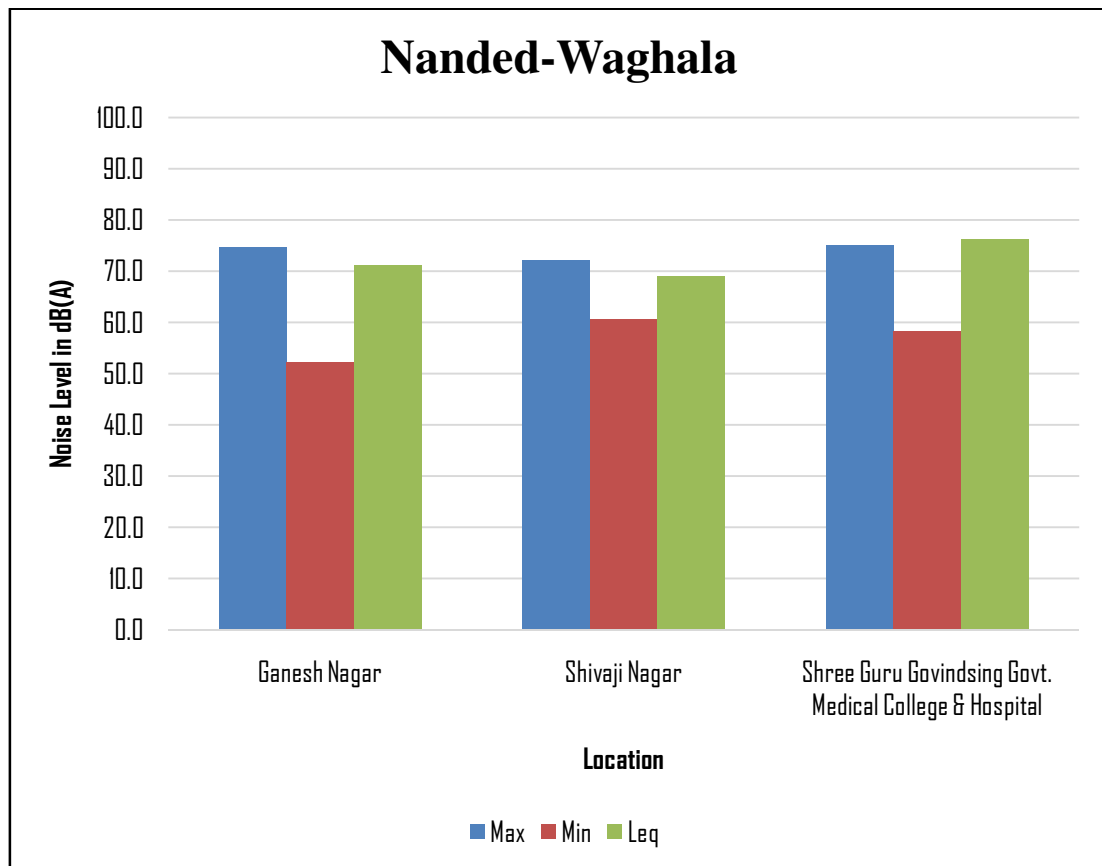


10. Nanded-Waghala

At Nanded-Waghala the highest noise level on 29th August was observed at Shree Guru Govindsing Govt. Medical College & Hospital with 76.2 dB(A) and the increase in noise level was due to the traffic caused due to the possession for Ganesh Visarjan.

Table 6.18: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Nanded-Waghala

Location	L _{max}	L _{min}	L _{eq}
Ganesh Nagar	74.6	52.2	71.2
Shivaji Nagar	72.1	60.7	69.0
Shree Guru Govindsing Govt. Medical College & Hospital	75.1	58.2	76.2

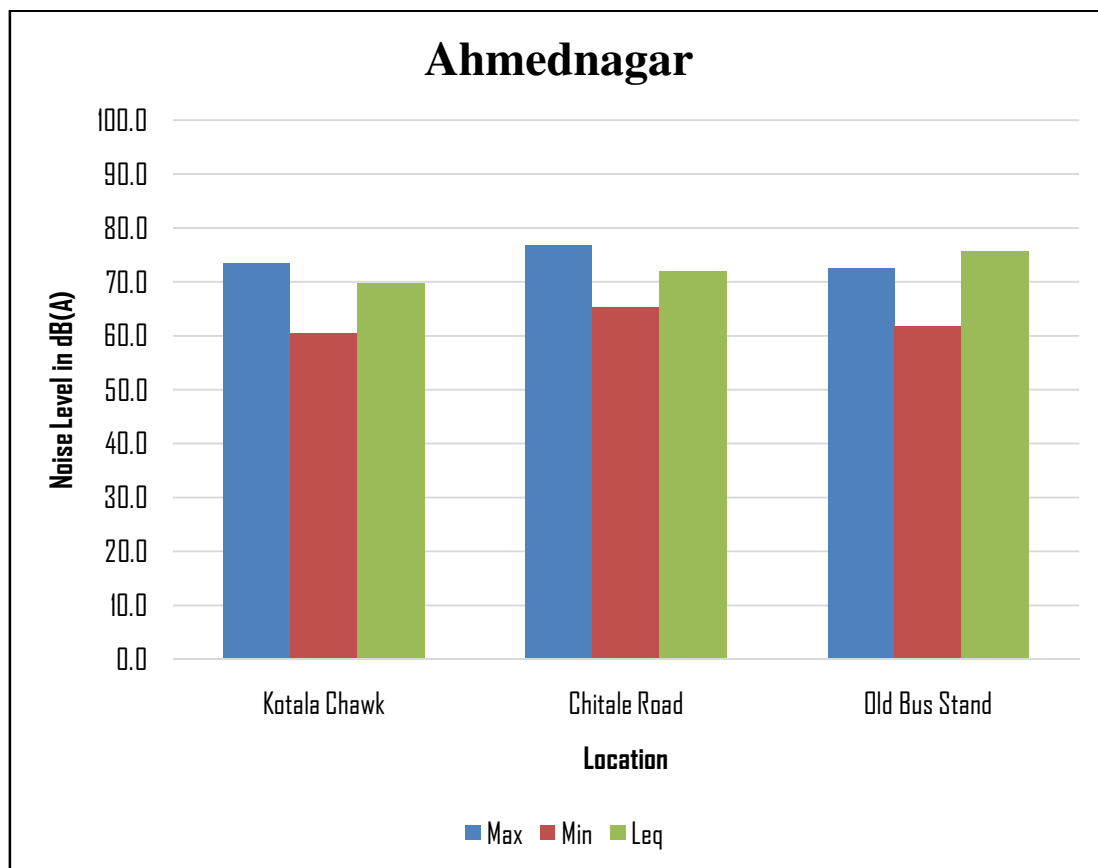
Hourly Noise levels on 29th August, 2017 in Nanded-Waghala


11. Ahmednagar

On 29th August also the highest noise level in Ahmednagar was observed at Old Bus stand with 75.8 dB(A) and the increase in noise was mainly due to traffic.

Table 6.19: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Ahmednagar

Location	L_{max}	L_{min}	L_{eq}
Kotala Chawk	73.4	60.4	69.7
Chitale Road	76.8	65.4	72.0
Old Bus Stand	72.6	61.7	75.8

Hourly Noise levels on 29th August, 2017 in Ahmednagar


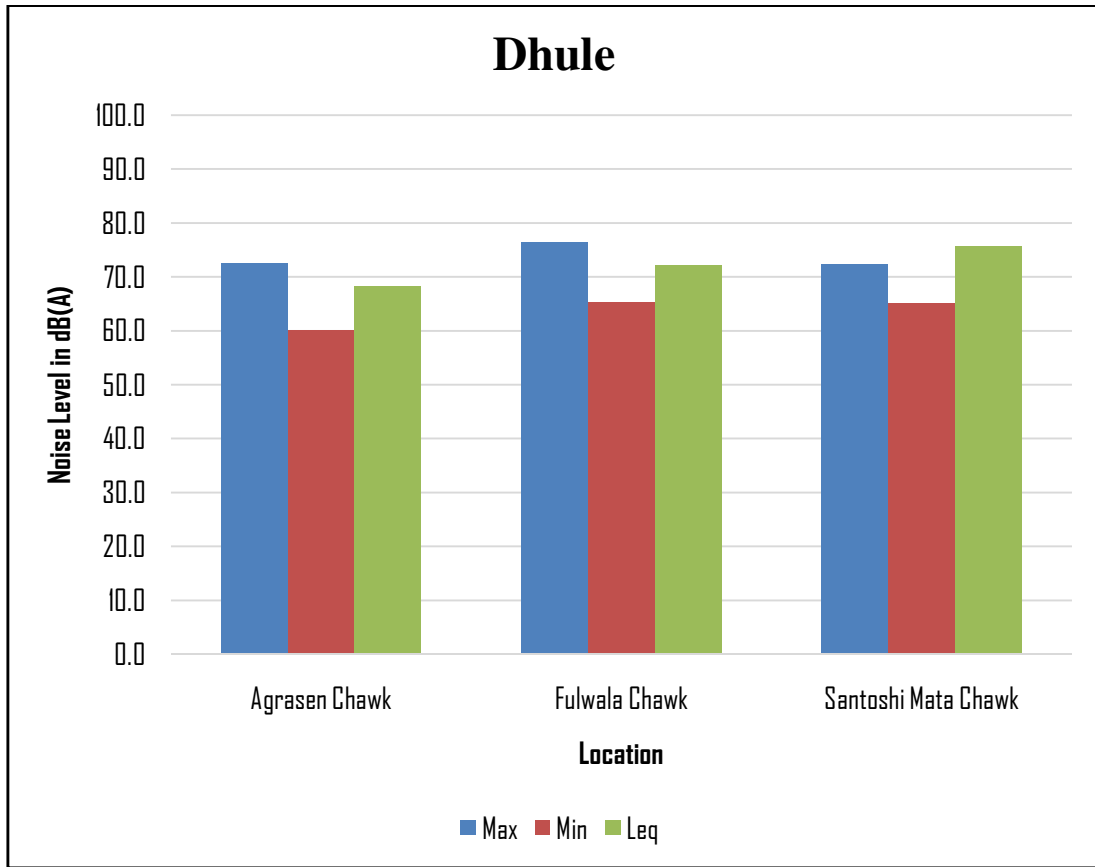
12. Dhule

At Dhule the highest noise level was observed at Santoshi Mata Chowk only on 29th August with 75.8 dB(A). The increase in noise level was mainly due to the crowd gatherings and prayers and the traffic due to the same.

Table 6.20: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Dhule

Location	L_{max}	L_{min}	L_{eq}
Agrasen Chawk	72.5	60.2	68.2
Fulwala Chawk	76.4	65.4	72.3
Santoshi Mata Chawk	72.4	65.1	75.8

Hourly Noise levels on 29th August, 2017 in Dhule



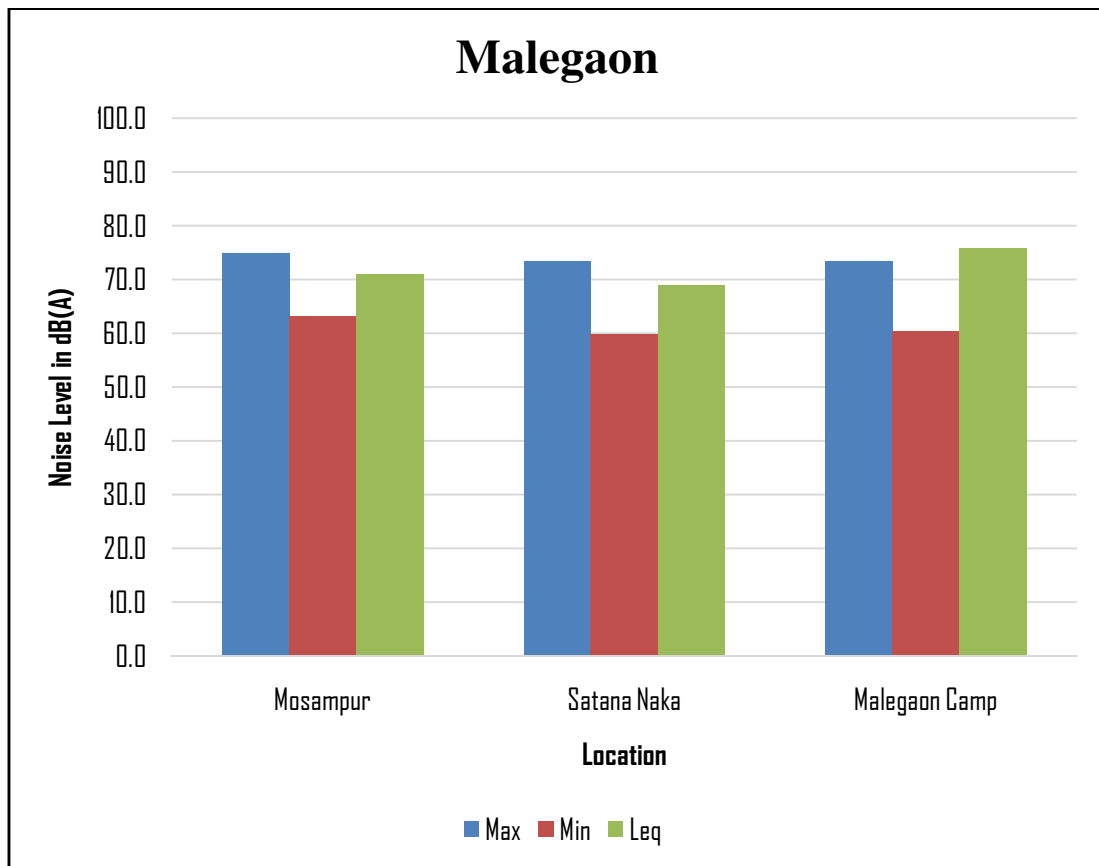
13. Malegaon

The highest noise level at Malegaon region was observed at Malegaon camp with 75.7 dB(A). The reason for increase in noise pollution is due to traffic and loud speakers at pandals located nearby.

Table 6.21: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Malegaon

Location	L_{max}	L_{min}	L_{eq}
Mosampur	74.9	63.1	70.9
Satana Naka	73.4	59.8	69.0
Malegaon Camp	73.4	60.4	75.7

Hourly Noise levels on 29th August, 2017 in Malegaon

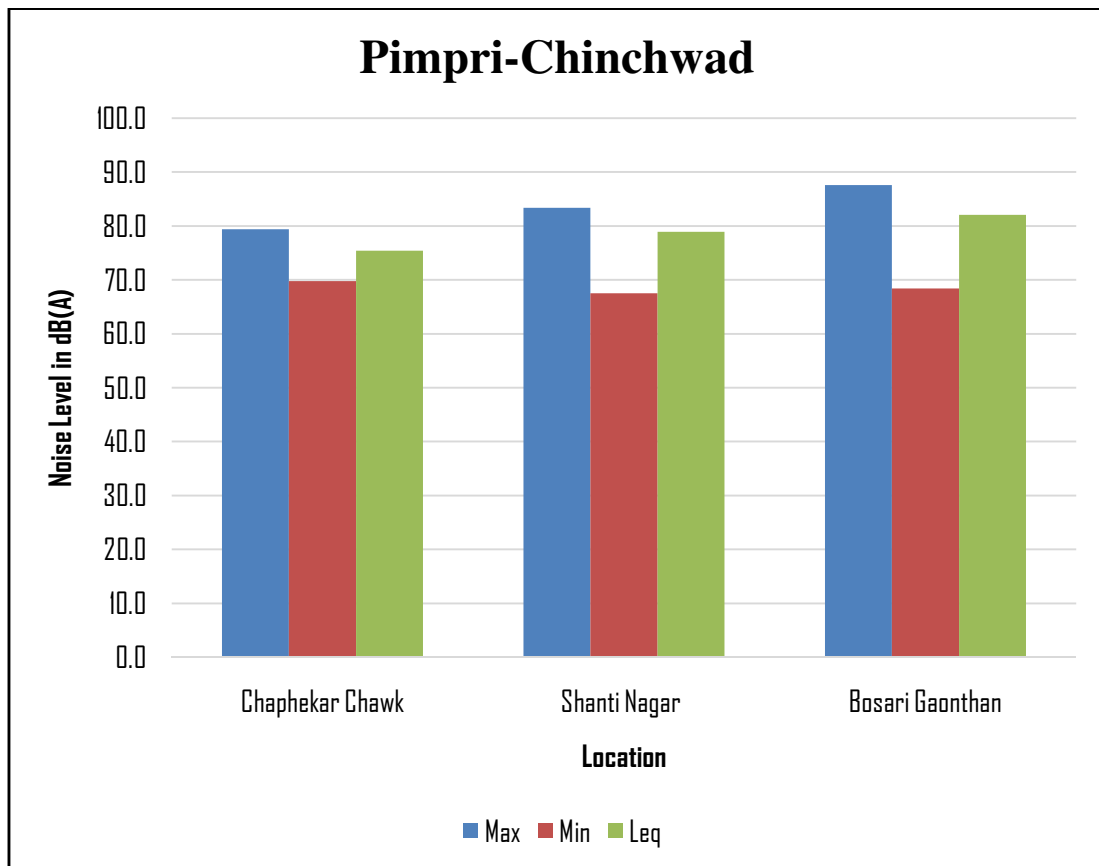


14. Pimpri-Chinchwad

In Pimpri-Chinchwad the highest noise level was observed at Bosari Gaonthan with 82 dB(A) only on 29th August and the reason for increase in noise level is due to the traffic conjection.

Table 6.22: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Pimpri-Chinchwad

Location	L_{max}	L_{min}	L_{eq}
Chaphekar Chawk	79.4	69.8	75.4
Shanti Nagar	83.4	67.5	78.9
Bosari Gaonthan	87.6	68.4	82.0

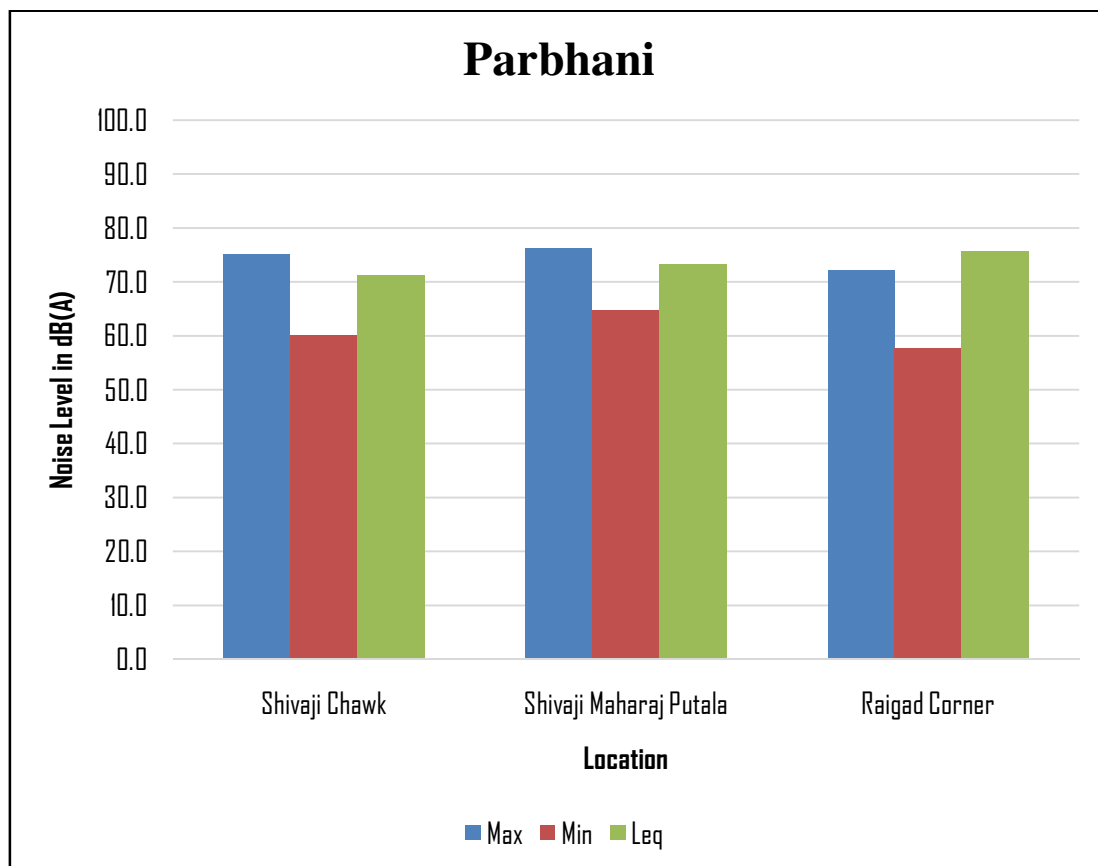
Hourly Noise levels on 29th August, 2017 in Pimpri-Chinchwad


15. Parbhani

The highest noise level in Parbhani region was observed at RaigadCorner with 75.8 dB(A) and the increase in noise level was due to traffic congestion.

Table 6.23: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Parbhani

Location	L_{max}	L_{min}	L_{eq}
Shivaji Chawk	75.1	60.2	71.3
Shivaji Maharaj Putala	76.3	64.8	73.3
Raigad Corner	72.1	57.6	75.8

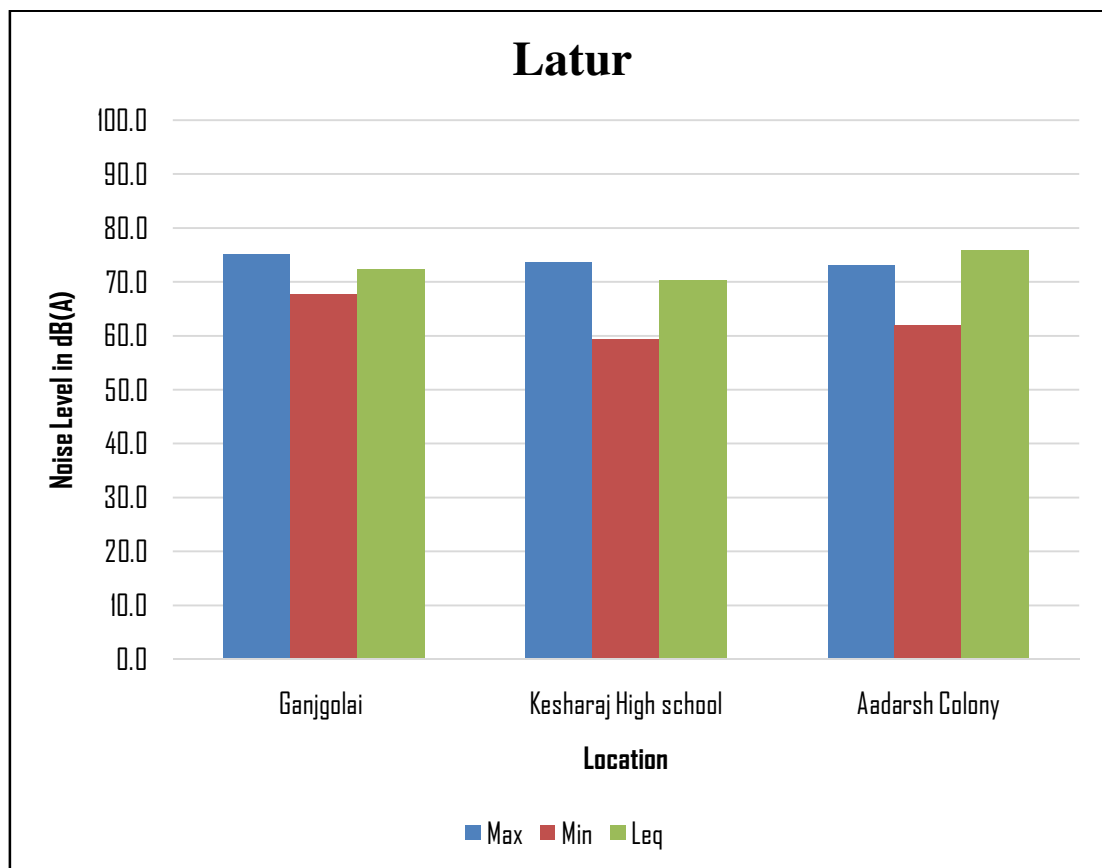
Hourly Noise levels on 29th August, 2017 in Parbhani


16. Latur

At Latur the highest noise level was observed at Adarsh colony with 75.8 dB(A) and the reason was use of loud speakers and drums during the possession.

Table 6.24: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Latur

Location	L_{max}	L_{min}	L_{eq}
Ganjgolai	75.1	67.8	72.3
Kesharaj High school	73.6	59.4	70.3
Aadarsh Colony	73.1	61.9	75.8

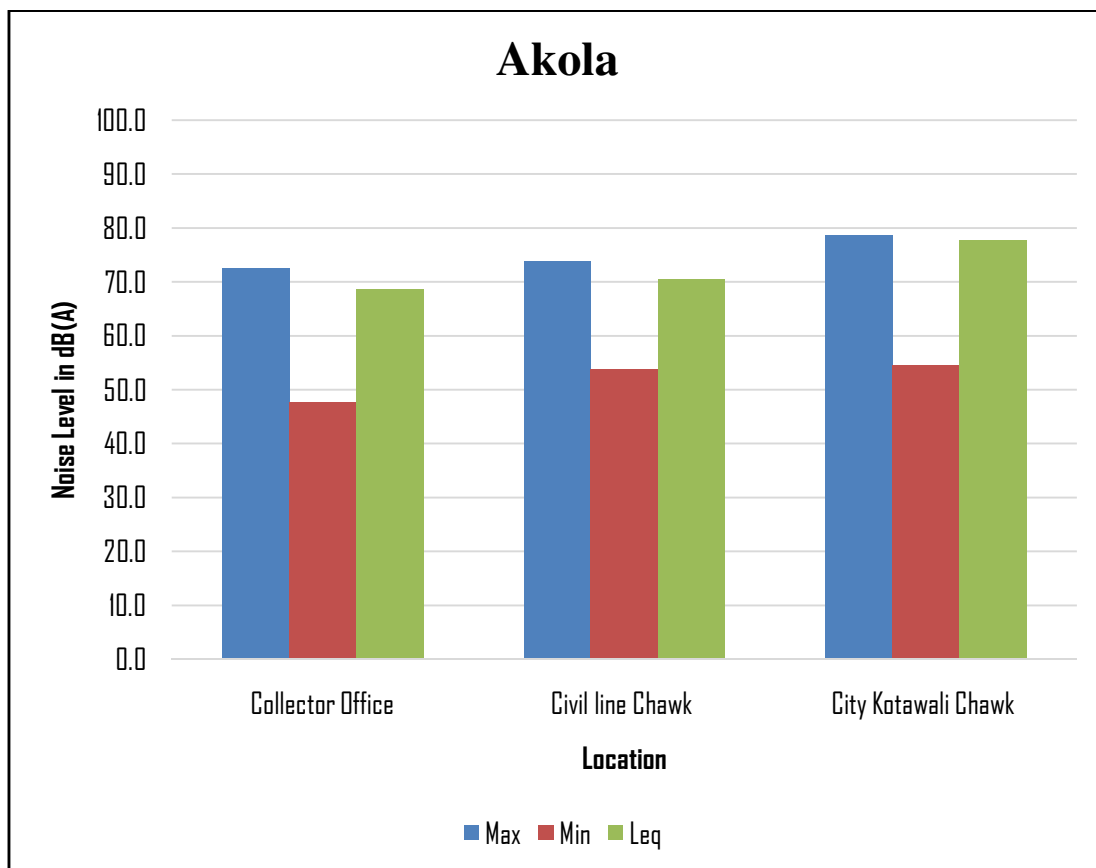
Hourly Noise levels on 29th August, 2017 in Latur


17. Akola

City Kotawali Chawk with 77.8 dB(A) had the highest noise level in Akola region and the increase in noise level was due to traffic.

Table 6.25: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Akola

Location	L_{max}	L_{min}	L_{eq}
Collector Office	72.6	47.7	68.7
Civil line Chawk	73.8	53.9	70.6
City Kotawali Chawk	78.7	54.6	77.8

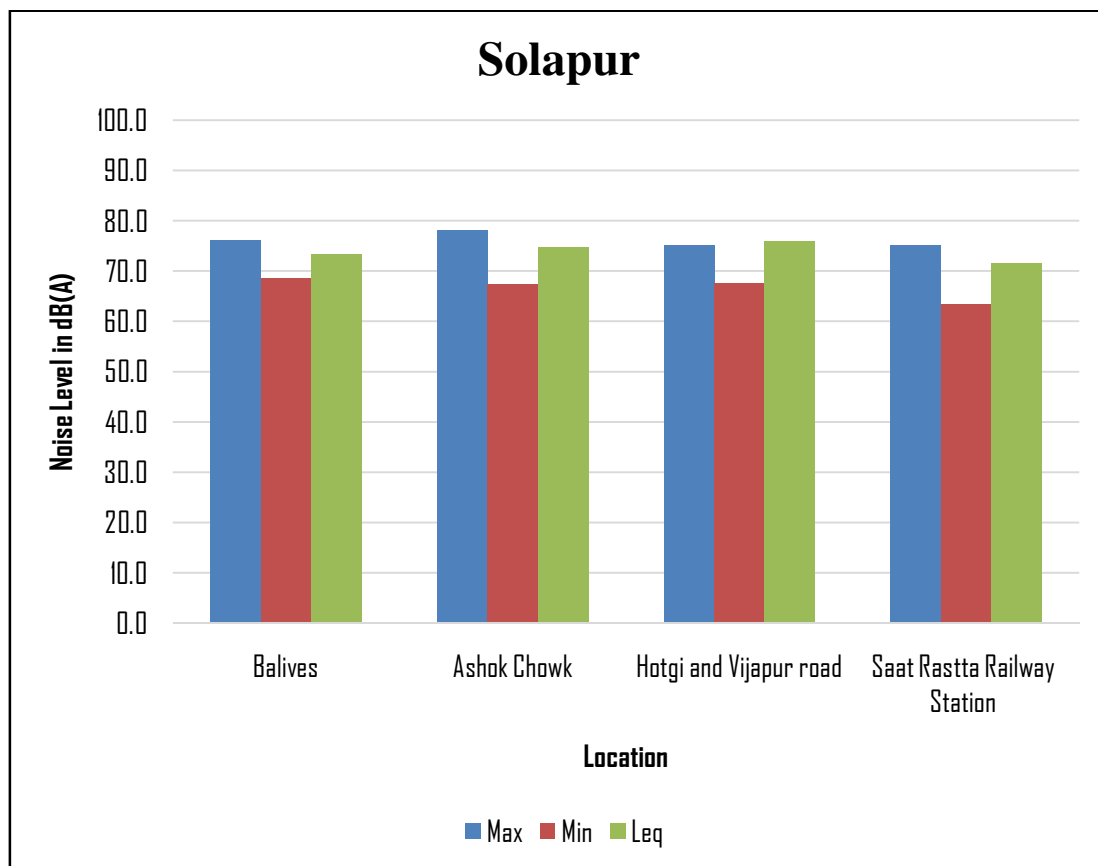
Hourly Noise levels on 29th August, 2017 in Akola


18. Solapur

Hotgi and Vijapur road was found to have the highest noise level with 76 dB(A) and the increase in noise level was mainly due to the traffic.

Table 6.26 : Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Solapur

Location	L_{max}	L_{min}	L_{eq}
Balives	76.1	68.6	73.4
Ashok Chowk	78.1	67.3	74.6
Hotgi and Vijapur road	75.1	67.5	76.0
Saat Rastta Railway Station	75.2	63.4	71.5

Hourly Noise levels on 29th August, 2017 in Solapur


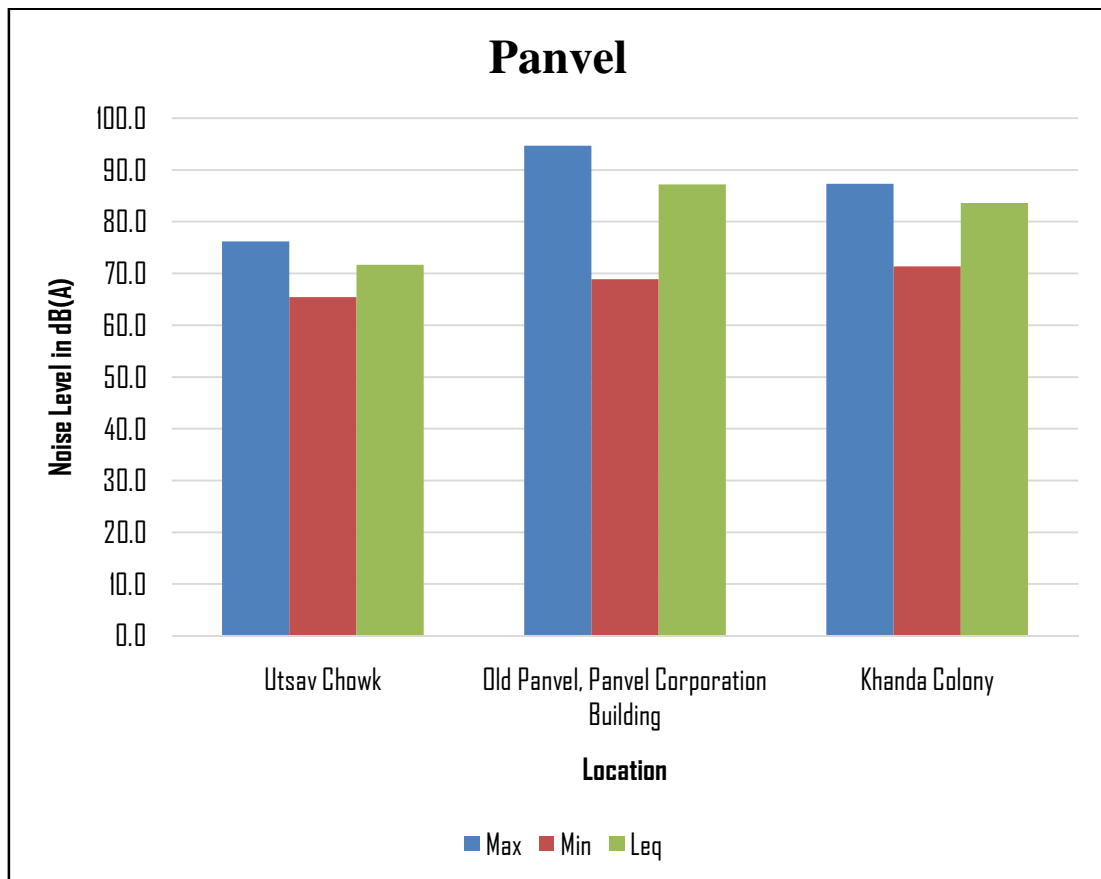
19. Panvel

The highest noise level of 83.6 dB(A) was observed at Khanda colony only on 29th August and the reason for the increase in noise level was due to use of loud speakers in the nearby pandals and traffic due to the possession.

Table 6.27: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Panvel

Location	L_{max}	L_{min}	L_{eq}
Utsav Chowk	76.2	65.4	71.7
Old Panvel, Panvel Corporation Building	94.7	68.9	87.2
Khanda Colony	87.3	71.3	83.6

Hourly Noise levels on 29th August, 2017 in Panvel



IV. Noise Levels on 31st August, 2017

The 7th day of Ganesh Visarjan is carried out on 31st August, 2017. On this day, the idols of Gauri devi which are brought on the 5th day of Ganesh festival are also taken along for visarjan. Although the day of Anant Chaturdashi is the most significant day to perform Ganesh Visarjan, many families do it on the 7th day from the day of Ganesh Chaturthi.



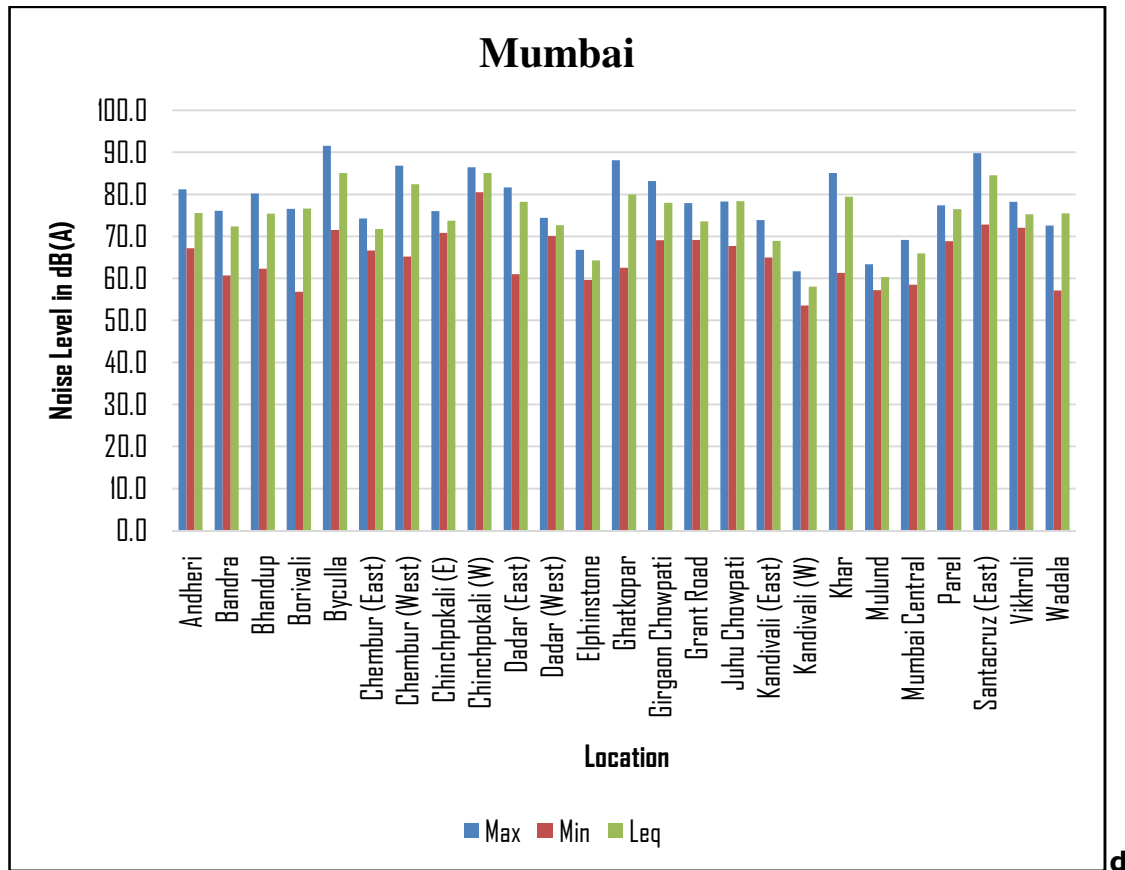
1. Mumbai

The noise level was highest at Chichpokali west with 85.1 dB(A) when compared to the remaining 24 locations in Mumbai region. The reason for the increase in noise level was due to the use of loud speakers in mandals.

Table 7.1: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Mumbai

Location	L_{max}	L_{min}	L_{eq}
Andheri	81.2	67.2	75.6
Bandra	76.1	60.7	72.4
Bhandup	80.2	62.3	75.4
Borivali	76.6	56.8	76.6
Byculla	91.6	71.5	85.1
Chembur (East)	74.3	66.7	71.8
Chembur (West)	86.8	65.2	82.4
Chinchpokali (E)	76.0	70.8	73.7
Chinchpokali (W)	86.4	80.5	85.1
Dadar (East)	81.7	61.0	78.2
Dadar(West)	74.4	70.1	72.7
Elphinstone	66.8	59.7	64.3
Ghatkopar	88.1	62.5	79.9
Girgaon Chowpati	83.2	69.1	78.0
Grant Road	78.0	69.1	73.6
Juhu Chowpati	78.3	67.7	78.3
Kandivali (East)	73.8	65.0	68.9
Kandivali (W)	61.7	53.6	58.1
Khar	85.1	61.3	79.4
Mulund	63.3	57.2	60.3
Mumbai Central	69.2	58.5	66.0
Parel	77.4	68.9	76.5
Santacruz (East)	89.8	72.8	84.5

Location	L_{max}	L_{min}	L_{eq}
Vikhroli	78.2	72.1	75.3
Wadala	72.6	57.1	75.5

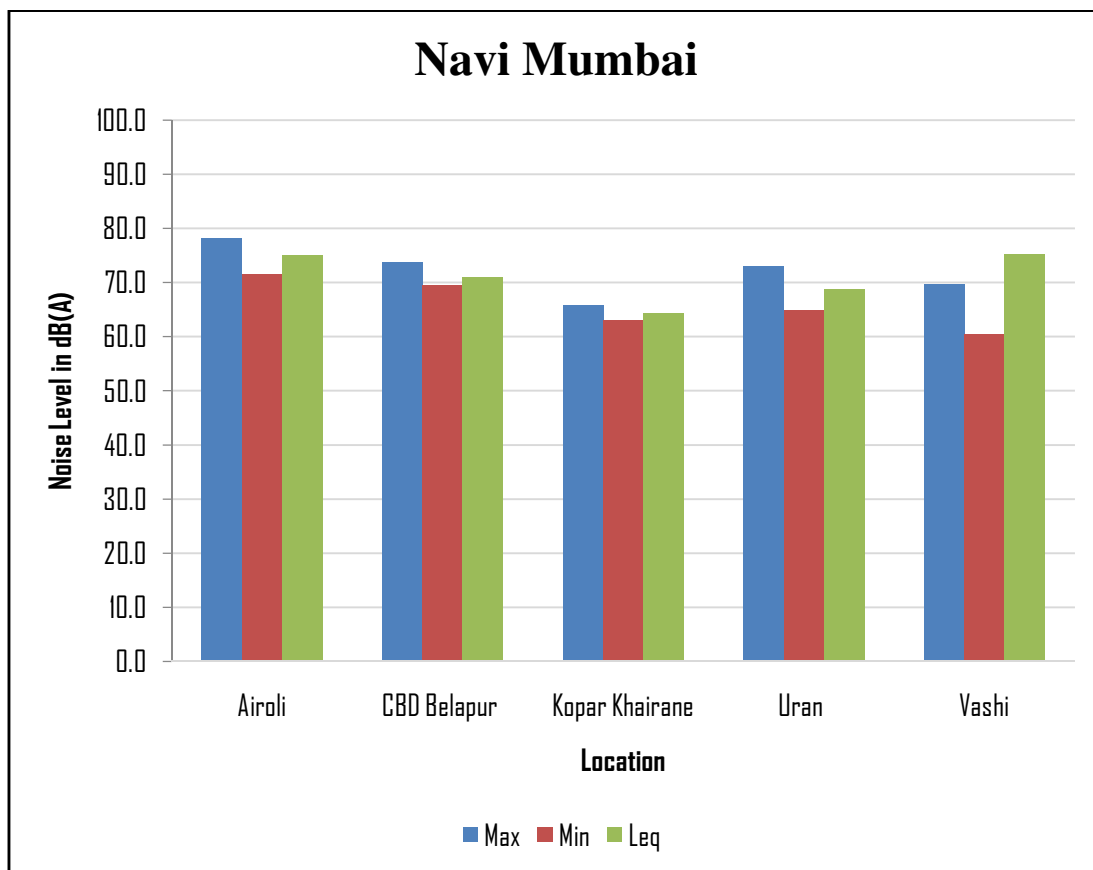
Hourly Noise levels on 31st August, 2017 in Mumbai


2. Navi Mumbai

In Navi Mumbai the highest noise level of 75.2 dB(A) was observed both at Airoli and also Vashi. The increase in noise level was due to the traffic in both areas.

Table 7.2: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Navi Mumbai

Location	L_{max}	L_{min}	L_{eq}
Airoli	78.2	71.6	75.2
CBD Belapur	73.8	69.5	71.0
Kopar Khairane	65.8	63.1	64.4
Uran	73.0	64.9	68.9
Vashi	69.7	60.5	75.2

Hourly Noise levels on 31st August, 2017 in Navi Mumbai


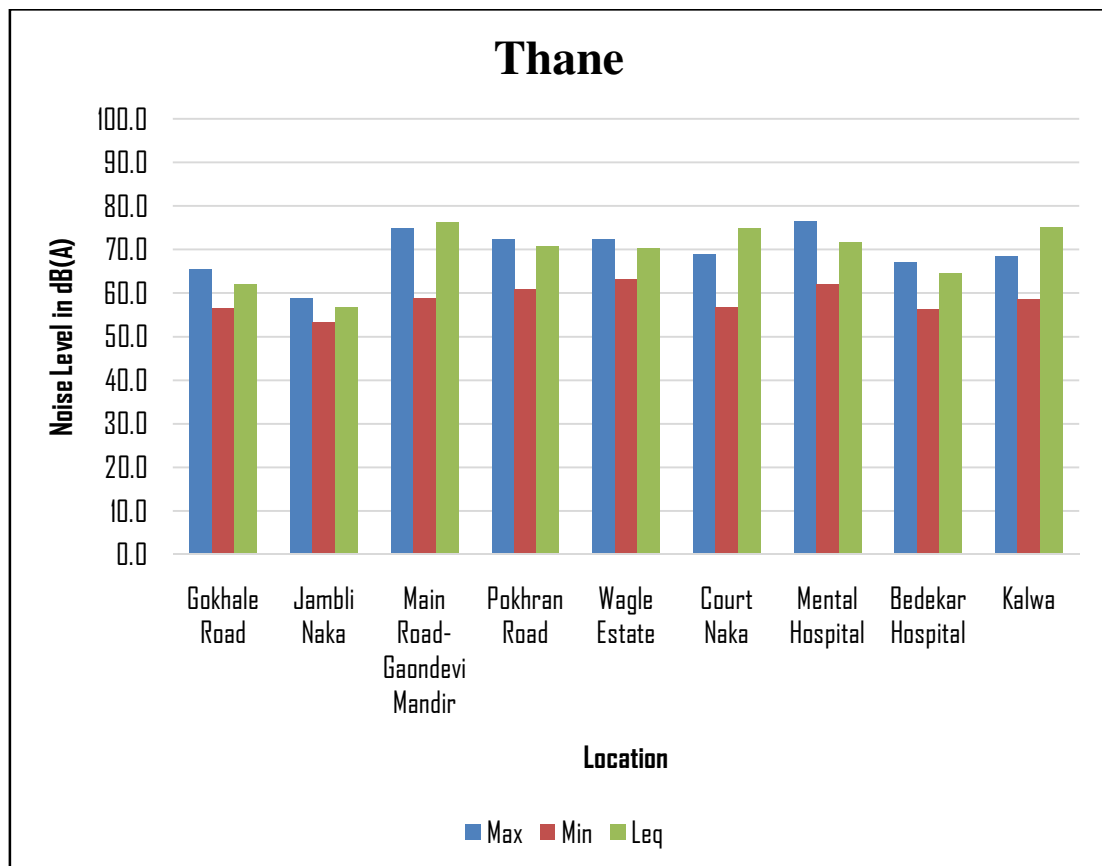
3. Thane

Main Road near Gaondevi Mandir was observed to have the highest noise level with 76.4 dB(A) and the reason for increase in noise level was due to Ganesh Visarjan processions.

Table 7.3: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Thane

Location	L_{max}	L_{min}	L_{eq}
Gokhale Road	65.5	56.5	62.1
Jambli Naka	58.9	53.4	56.7
Main Road- Gaondevi Mandir, Naupada	74.9	58.9	76.4
Pokhran Road- Vartak Nagar Chowk	72.5	61.0	70.8
Wagle Estate- Raila Devi Lake	72.3	63.2	70.4
Court Naka	69.0	56.7	74.9
Mental Hospital	76.6	62.1	71.6

Location	L_{max}	L_{min}	L_{eq}
Bedekar Hospital	67.1	56.4	64.5
Kalwa- Chatarpati Shivaji Maharaj Hospital	68.5	58.6	75.3

 Hourly Noise levels on 31st August, 2017 in Thane


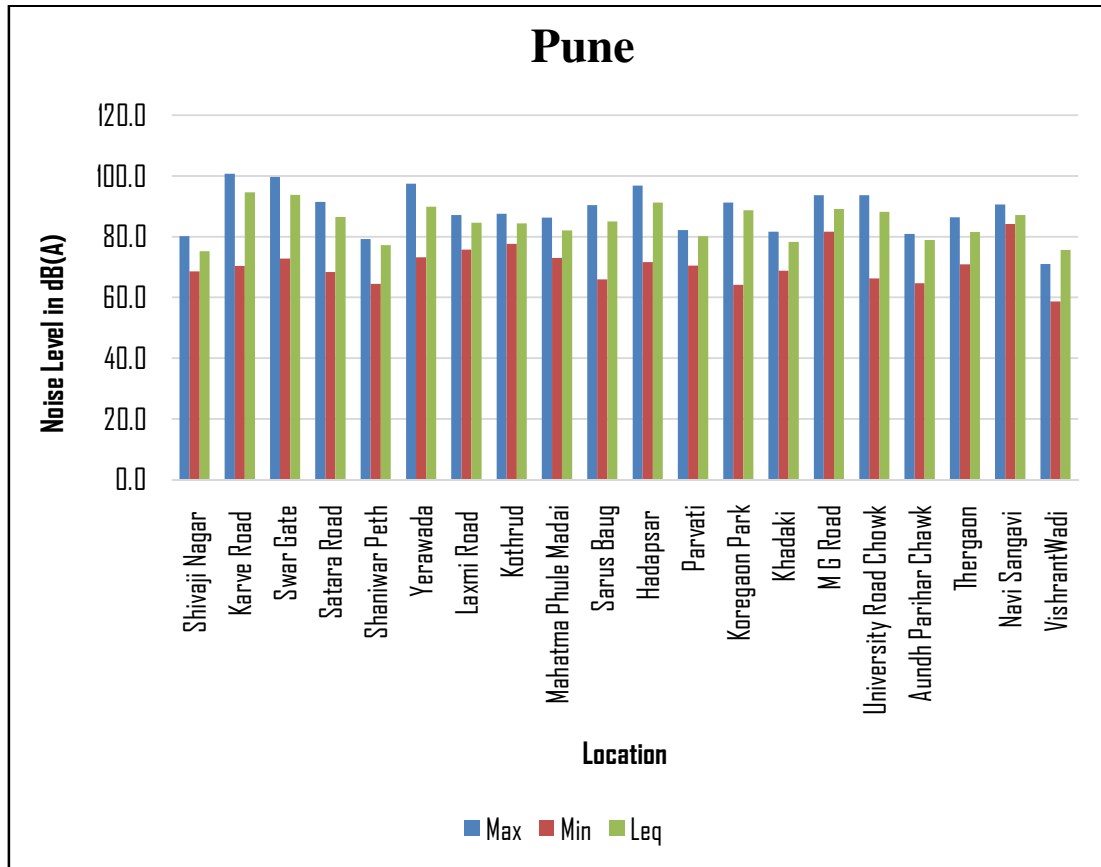
4. Pune

The noise level in Pune region was tremendously high at most of the locations in Pune region. The highest noise level of 94.6 dB(A) was observed at Karve road due to the crowd and traffic conjection.

Table 7.4: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Pune

Location	L_{max}	L_{min}	L_{eq}
Shivaji Nagar	80.1	68.6	75.2
Karve Road	100.7	70.4	94.6
Swar Gate	99.7	72.8	93.8
Satara Road	91.4	68.4	86.5

Location	L_{max}	L_{min}	L_{eq}
Shaniwar Peth	79.2	64.5	77.2
Yerawada	97.5	73.2	89.9
Laxmi Road	87.1	75.8	84.6
Kothrud	87.5	77.6	84.4
Mahatma Phule Madai	86.3	73.0	82.0
Sarus Baug	90.4	65.9	85.0
Hadapsar	96.8	71.6	91.2
Parvati	82.2	70.5	80.2
Koregaon Park	91.2	64.2	88.8
Khadaki	81.6	68.8	78.2
M G Road	93.7	81.7	89.1
University Road Chowk	93.7	66.3	88.2
Aundh Parihar Chawk	80.9	64.7	78.9
Thergaon	86.4	70.9	81.5
Navi Sangavi	90.6	84.2	87.1
VishrantWadi	71.0	58.7	75.6

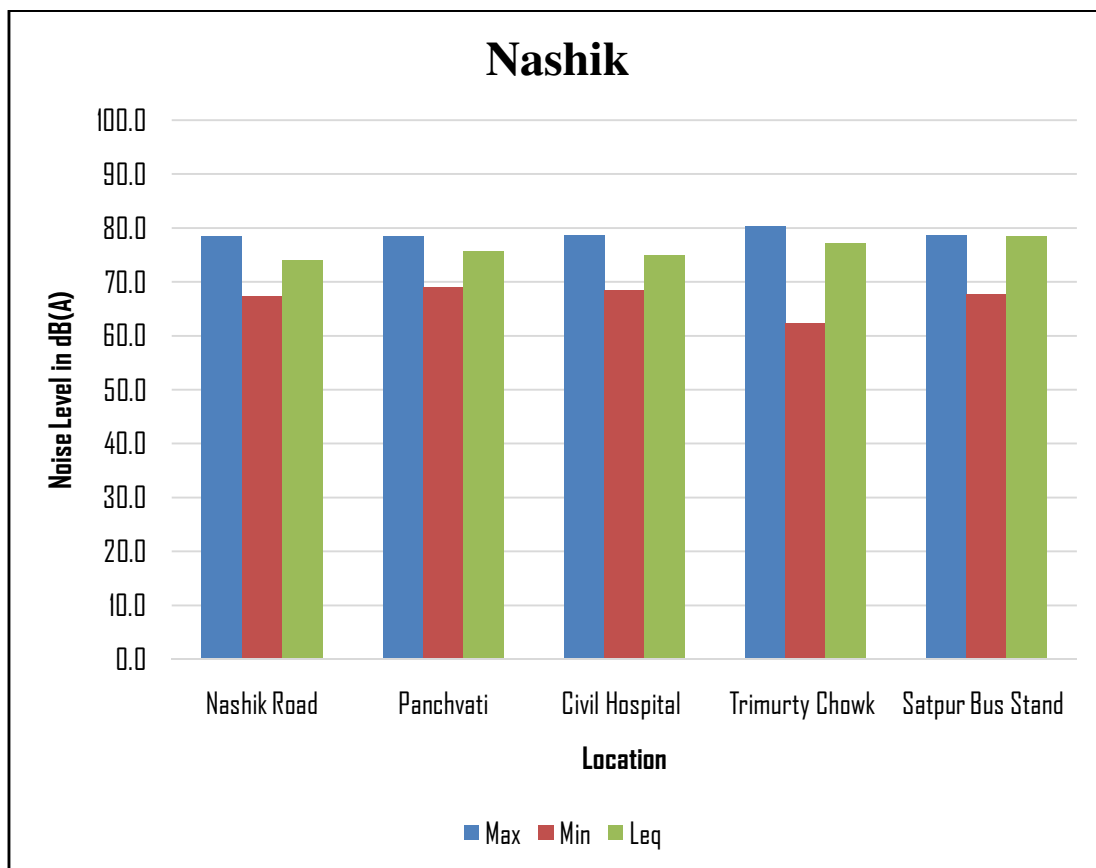
Hourly Noise Levels on 31st August, 2017 in Pune

5. Nashik

The highest noise level was at Nashik was observed at Satpur Bus stand with 78.4 dB(A). The noise level increase was mainly due to the possession for Ganesh Visarjan.

Table 7.5: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Nashik

Location	L_{max}	L_{min}	L_{eq}
Nashik Road	78.4	67.4	74.1
Panchvati	78.5	69.1	75.7
Civil Hospital	78.6	68.5	75.0
Trimurthy Chowk	80.3	62.5	77.2
Satpur Bus Stand	78.6	67.8	78.4

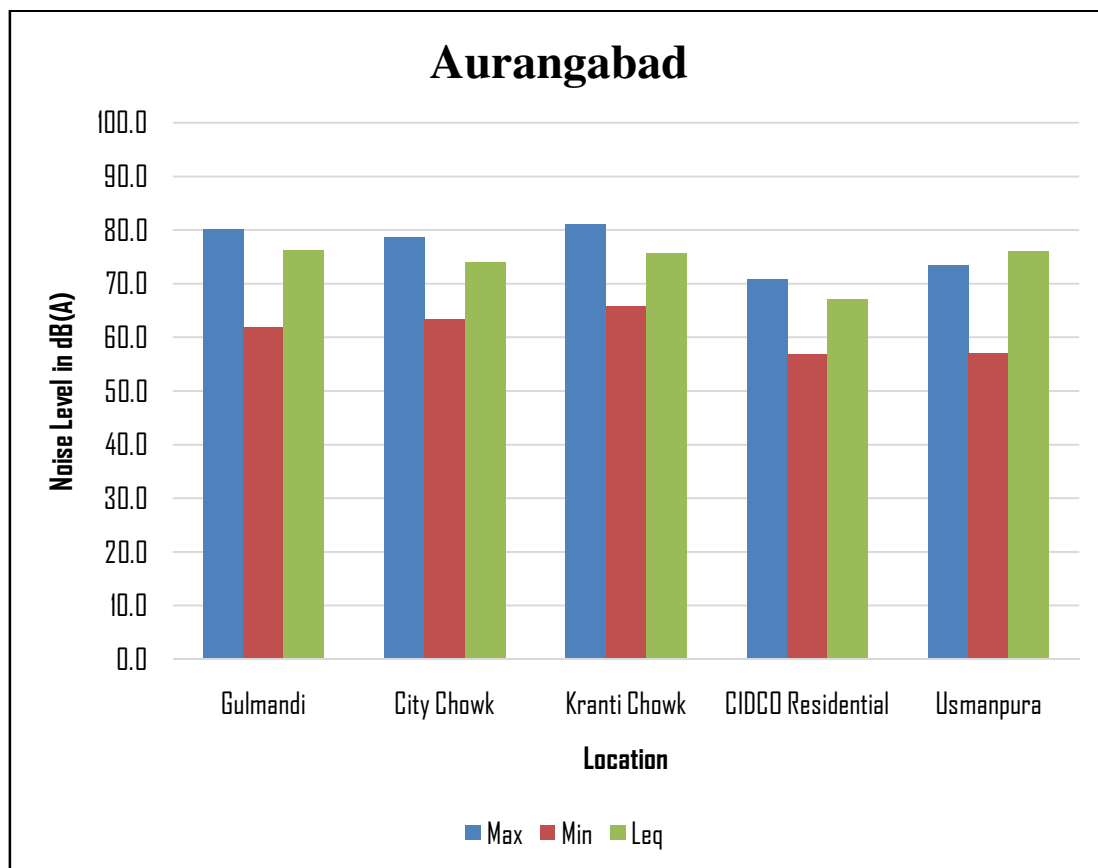
Hourly Noise levels on 31st August, 2017 in Nashik


6. Aurangabad

The highest noise level in Aurangabad was observed at Gulmandi with 79.4 dB(A) and the increase in noise level was due to the traffic coinjection due to the Ganesh Visarjan possession.

Table 7.6: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Aurangabad

Location	L_{max}	L_{min}	L_{eq}
Gulmandi	80.1	61.8	76.3
City Chowk	78.6	63.4	73.9
Kranti Chowk	81.0	65.9	75.6
CIDCO Residential	70.9	56.8	67.0
Usmanpura	73.5	57.1	76.0

Hourly Noise levels on 31st August, 2017 in Aurangabad


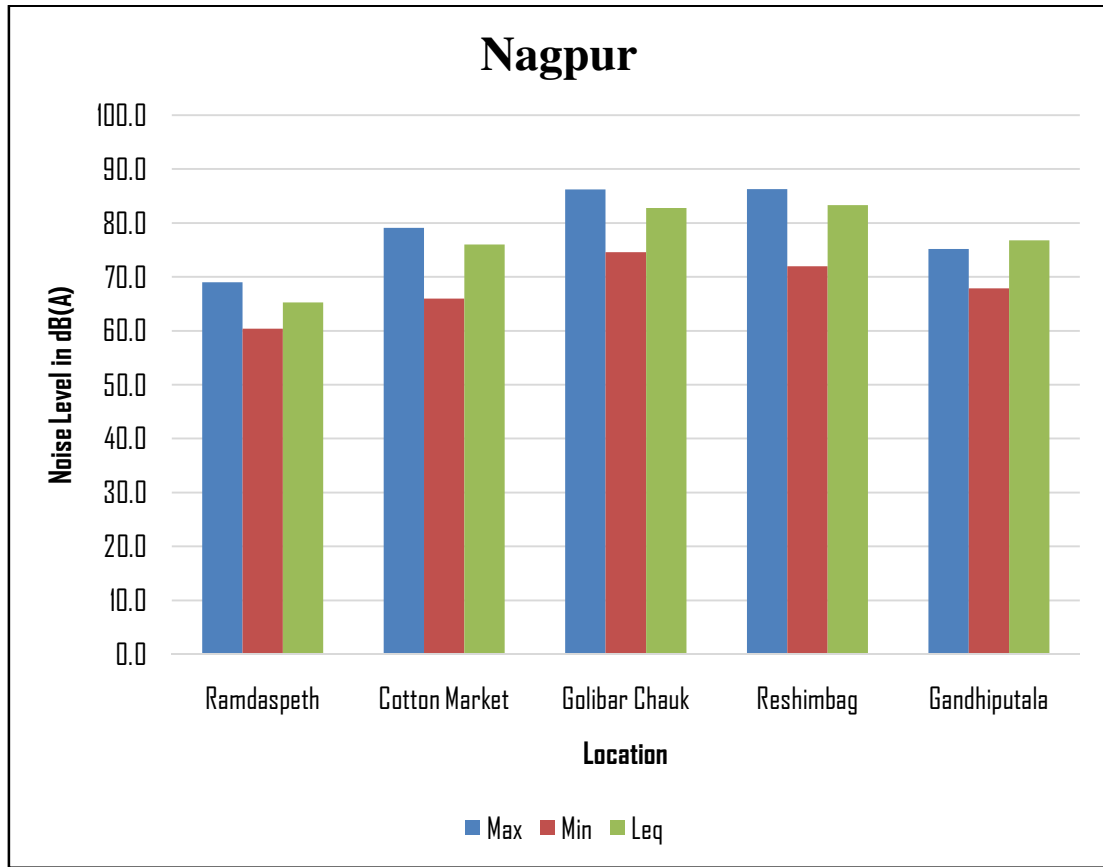
7. Nagpur

In Nagpur region Reshmibag had the highest noise level with 83.3 dB(A). The reason for increase in noise level was due the usage of musical instruments during possessions and traffic.

Table 7.7: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Nagpur

Location	L_{max}	L_{min}	L_{eq}
Ramdaspath	69.0	60.4	65.3
Cotton Market	79.1	66.0	76.0
Golibar Chowk	86.2	74.6	82.8
Reshimbag	86.3	72.0	83.3
Gandhiputala	75.2	67.9	76.8

Hourly Noise levels on 31st August, 2017 in Nagpur

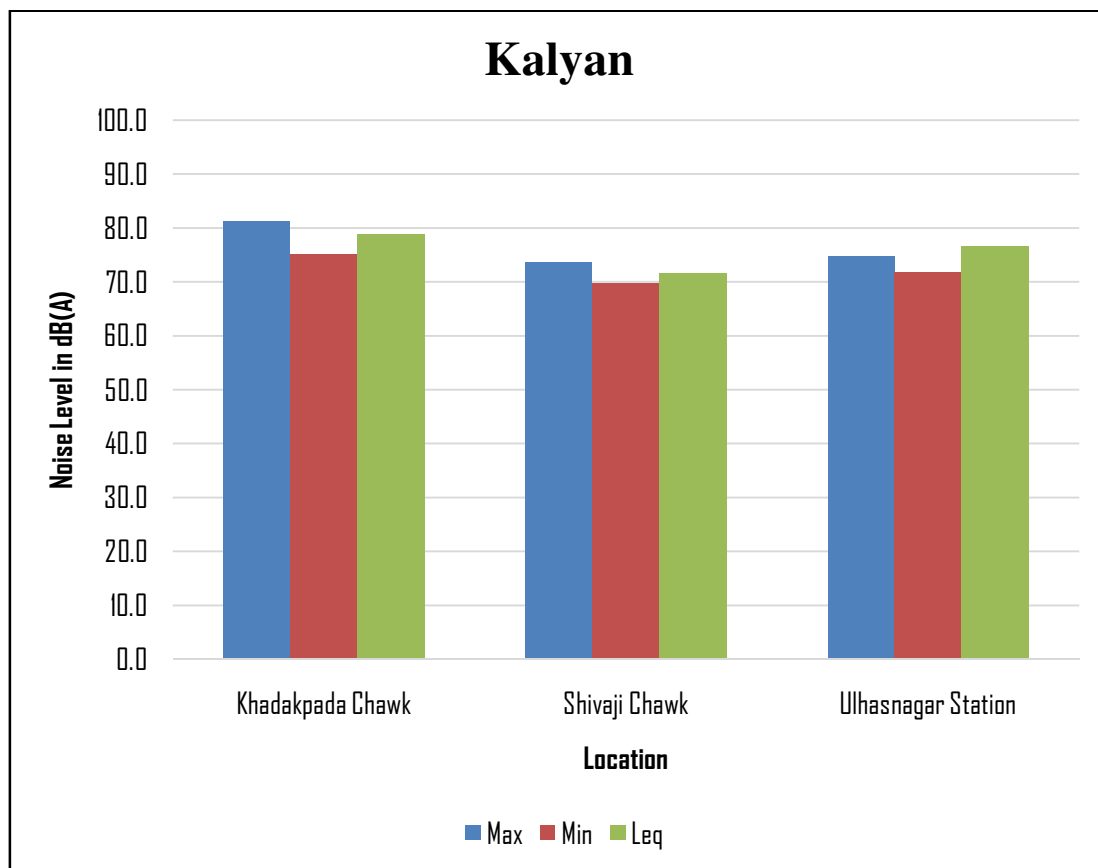


8. Kalyan

The highest noise level was observed at Khadakpada Chawk with 78.9 dB(A) and the noise level was high mainly due to the crowd and loud speakers from the pandals installed near by.

Table 7.8: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Kalyan

Location	L_{max}	L_{min}	L_{eq}
Khadakpada Chawk	81.3	75.1	78.9
Shivaji Chawk	73.7	69.7	71.6
Ulhasnagar Station	74.7	71.9	76.7

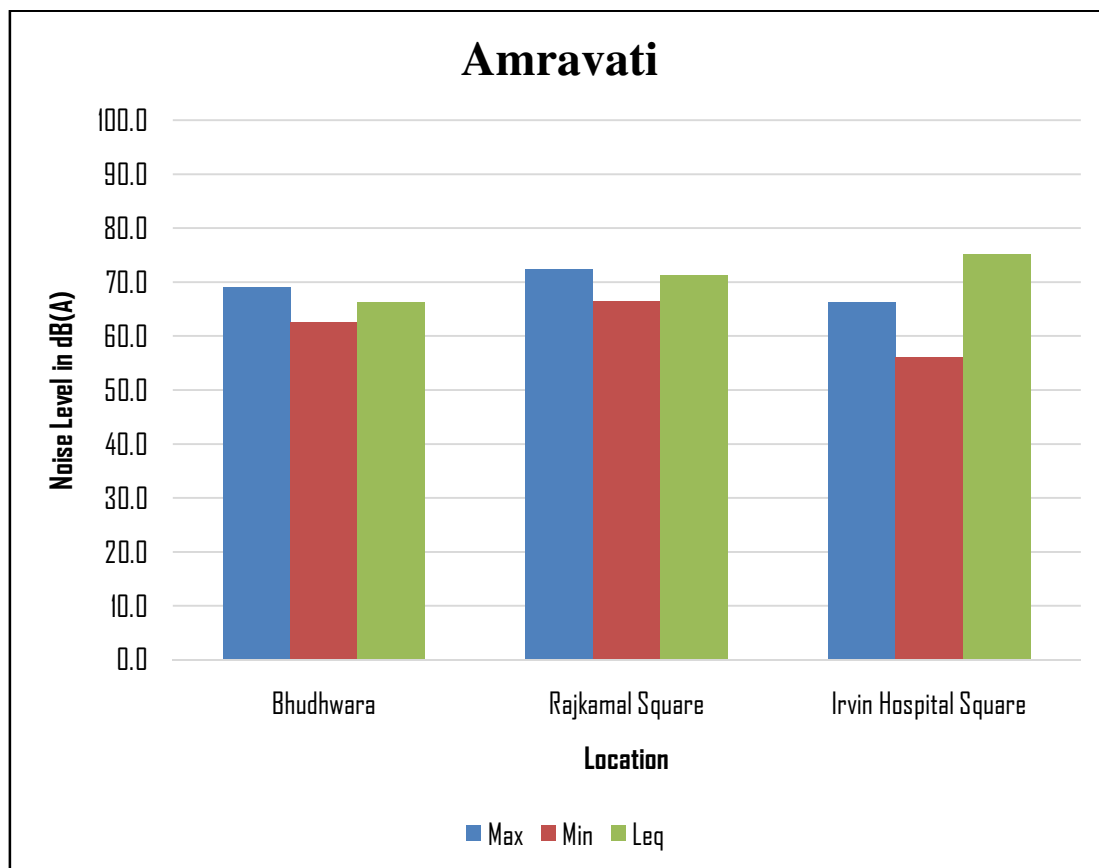
Hourly Noise levels on 31st August, 2017 in Kalyan


9. Amaravati

The noise level near Irvin Hospital was only highest on 31st August also with 75.1 dB(A) on at Amravati region. The increase in noise level was due to the traffic near by the area.

Table 7.9: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Amaravati

Location	L_{max}	L_{min}	L_{eq}
Bhudhwara	69.0	62.6	66.3
Rajkamal Square	72.4	66.4	71.2
Irvin Hospital Square	66.3	56.1	75.1

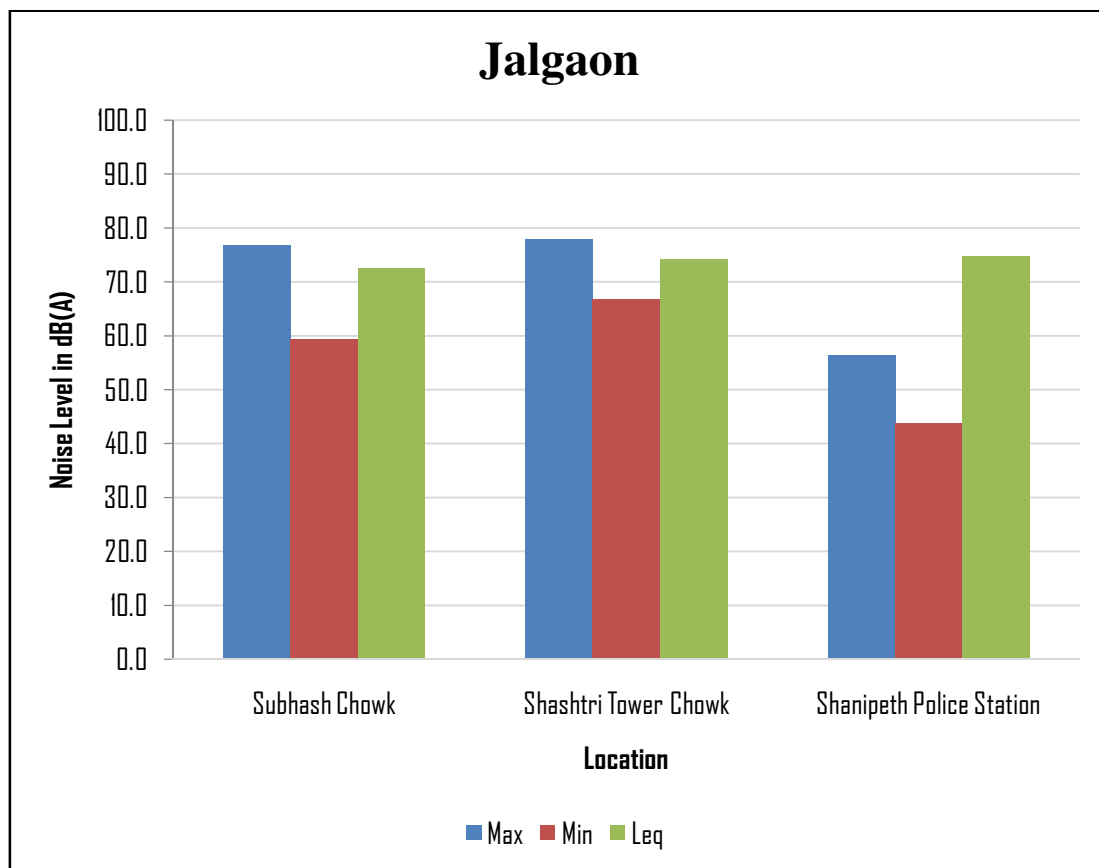
Hourly Noise levels on 31st August, 2017 in Amravati


10. Jalgaon

In Jalgaon region the highest noise level was at Shanipeth police station with 74.8 dB(A). As other regions, the increase in noise level was due to the use of drums and musical instruments during the possession for Ganesh visarjan and the traffic caused due to the same.

Table 7.10: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Jalgaon

Location	L_{max}	L_{min}	L_{eq}
Subhash Chowk	76.8	59.3	72.6
Shashtri Tower Chowk	77.9	66.9	74.3
Shanipeth Police Station	56.4	43.8	74.8

Hourly Noise levels on 31st August, 2017 in Jalgaon


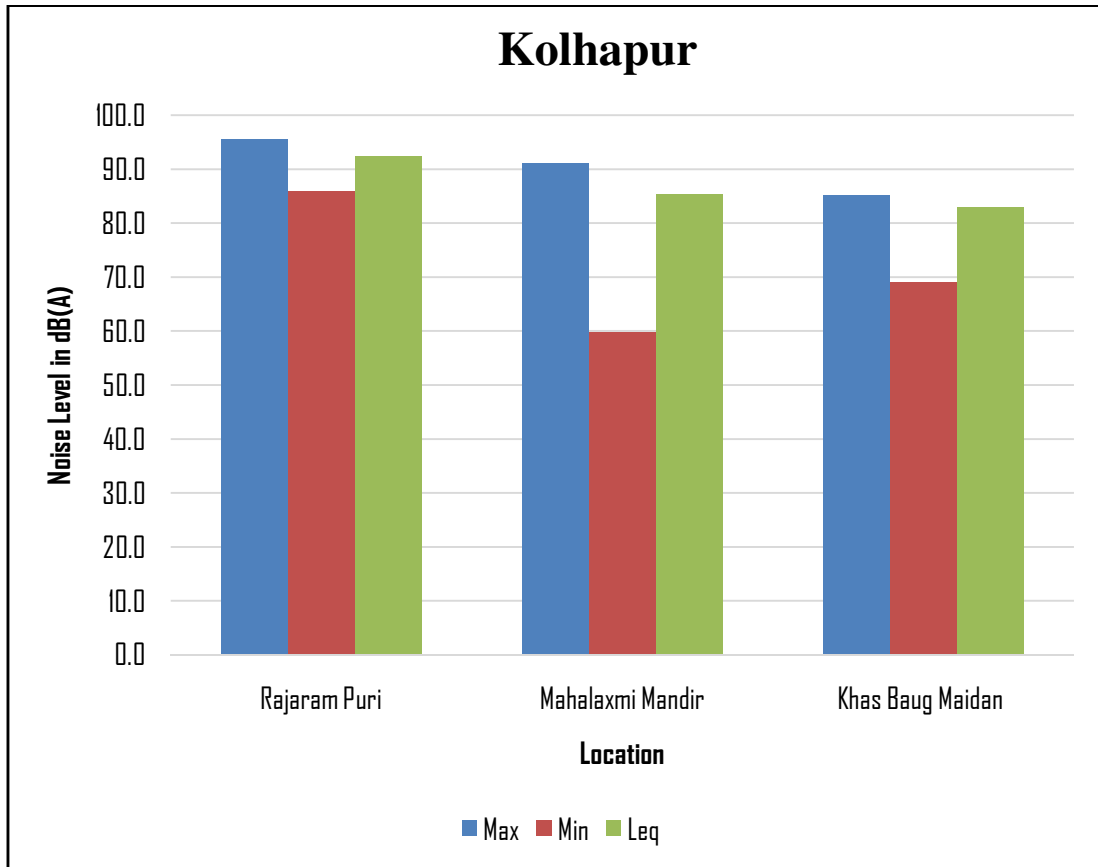
11. Kolhapur

Kolhapur region the highest noise level was observed at Rajaram Puri with 92.3 dB(A) and the reason for the increase in noise level was due to the traffic congestion in the area.

Table 7.11: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Kolhapur

Location	L_{max}	L_{min}	L_{eq}
Rajaram Puri	95.6	85.9	92.3
Mahalaxmi Mandir	91.2	59.8	85.3
Khas Baug Maidan	85.1	69.1	82.9

Hourly Noise levels on 31st August, 2017 in Kolhapur

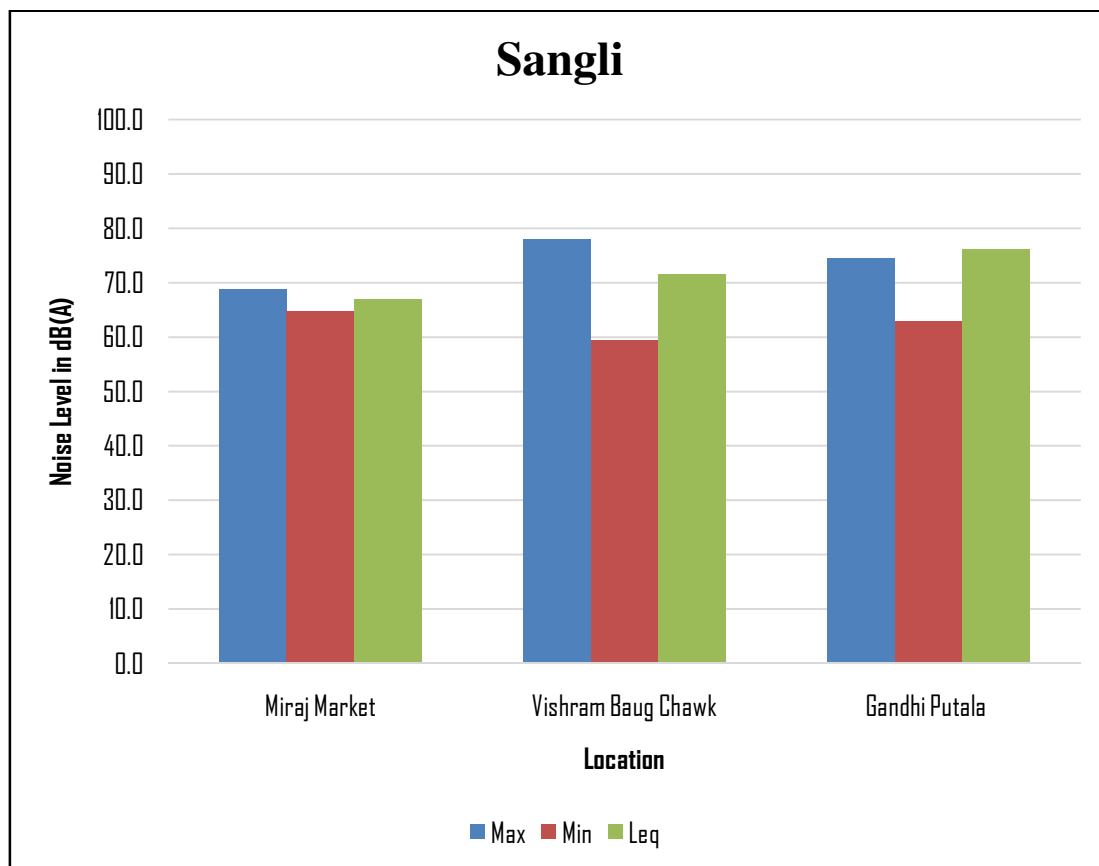


12. Sangli

The highest noise level was observed at Miraj market with 78.1 dB(A) and the main reason of increase in noise level was due to croud, traffic congestion and Ganesh visarjan possession.

Table 7.12: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Sangli

Location	L_{max}	L_{min}	L_{eq}
Miraj Market	83.7	70.8	78.8
Vishram Baug Chawk	71.2	66.2	69.6
Gandhi Putala	77.4	69.9	77.5

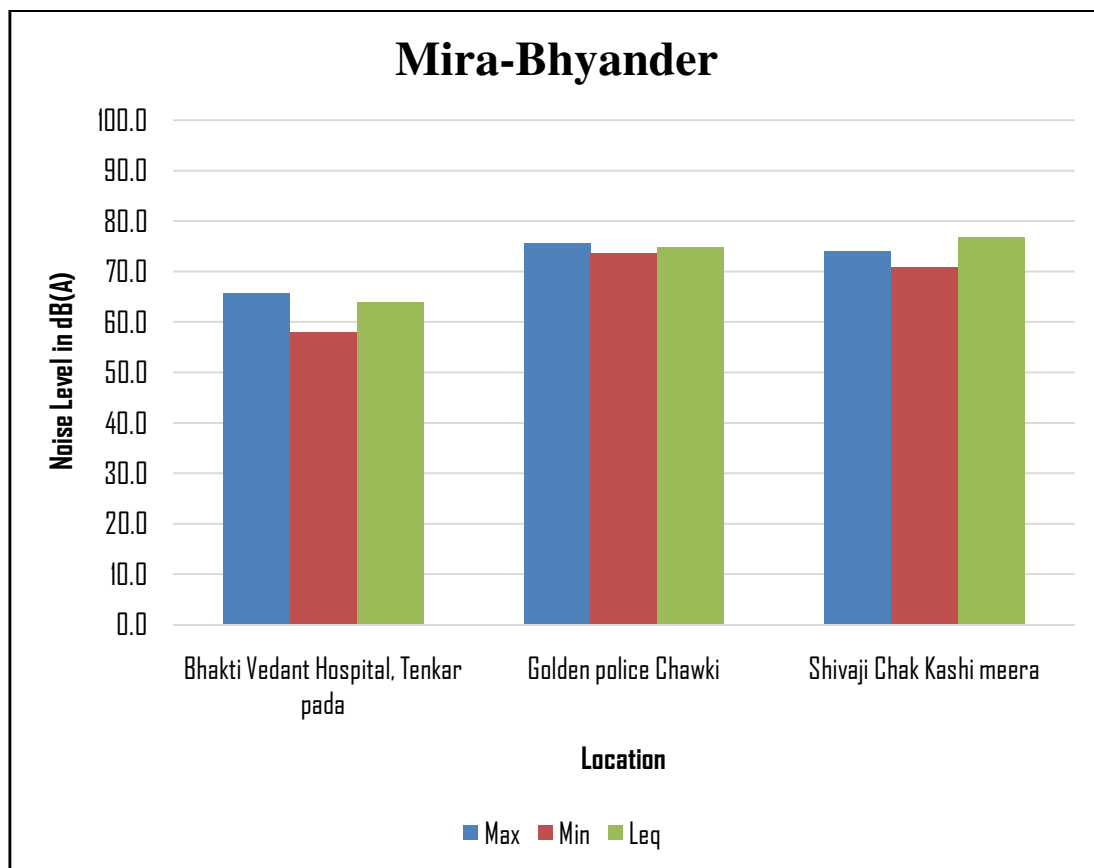
Hourly Noise levels on 31st August, 2017 in Sangli


13. Mira-Bhayander

In Mira-Bhayander on 31st August also the highest noise level was observed at Shivaji Chawk, Kashi Meera with 76.8 dB(A) and the reason for increase in noise level was due to the rain in the region.

Table 7.13: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Mira-Bhayander

Location	L_{max}	L_{min}	L_{eq}
Bhakti Vedant Hospital, Tenkar pada	65.7	58.1	63.9
Golden police Chawki	75.7	73.8	74.7
Shivaji Chawk Kashi meera	74.1	70.9	76.8

Hourly Noise levels on 31st August, 2017 in Mira-Bhayander


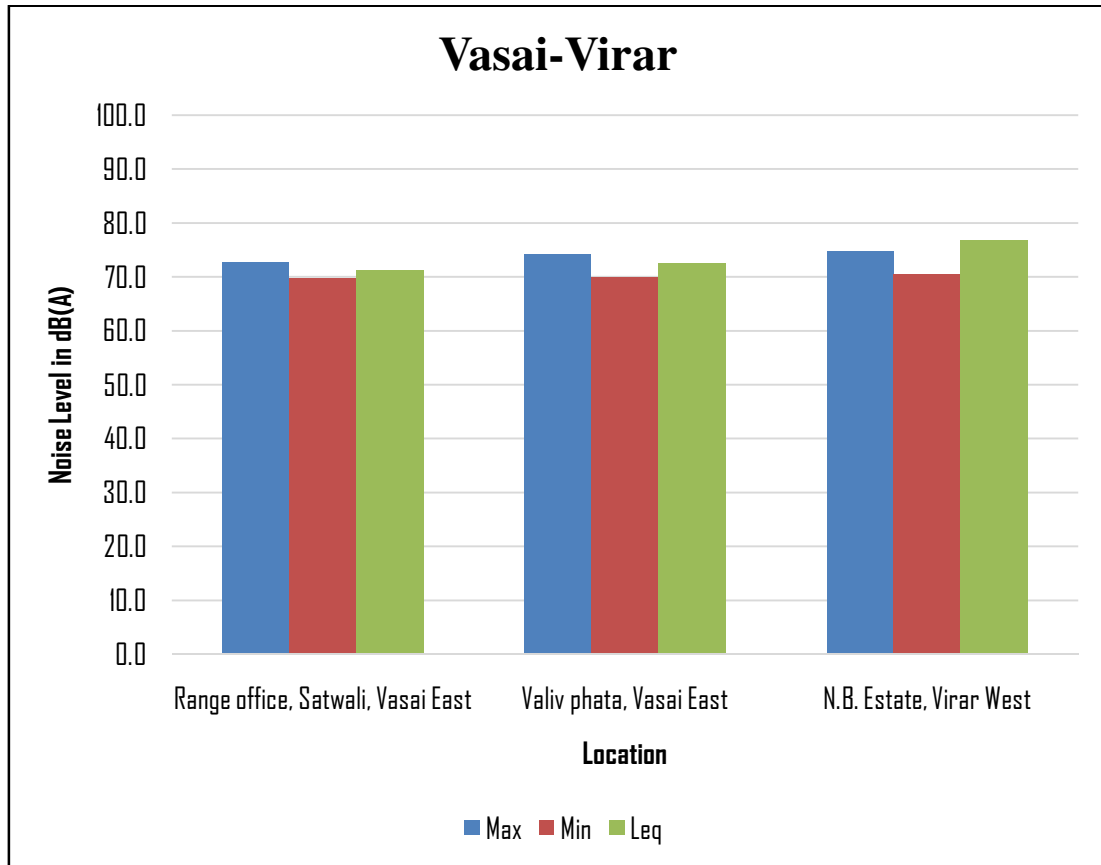
14. Vasai-Virar

At Vasai-Virar the highest noise level was observed at N.B. Estate with 76.8 dB(A) and the reason was mainly due to the possession for visarjan.

Table 7.14: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Vasai-Virar

Location	L_{max}	L_{min}	L_{eq}
Range office, Satwali, Vasai East	72.7	69.7	71.2
Valiv phata, Vasai East	74.2	70.1	72.4
N.B. Estate, Virar West	74.8	70.5	76.8

Hourly Noise levels on 31st August, 2017 in Vasai-Virar

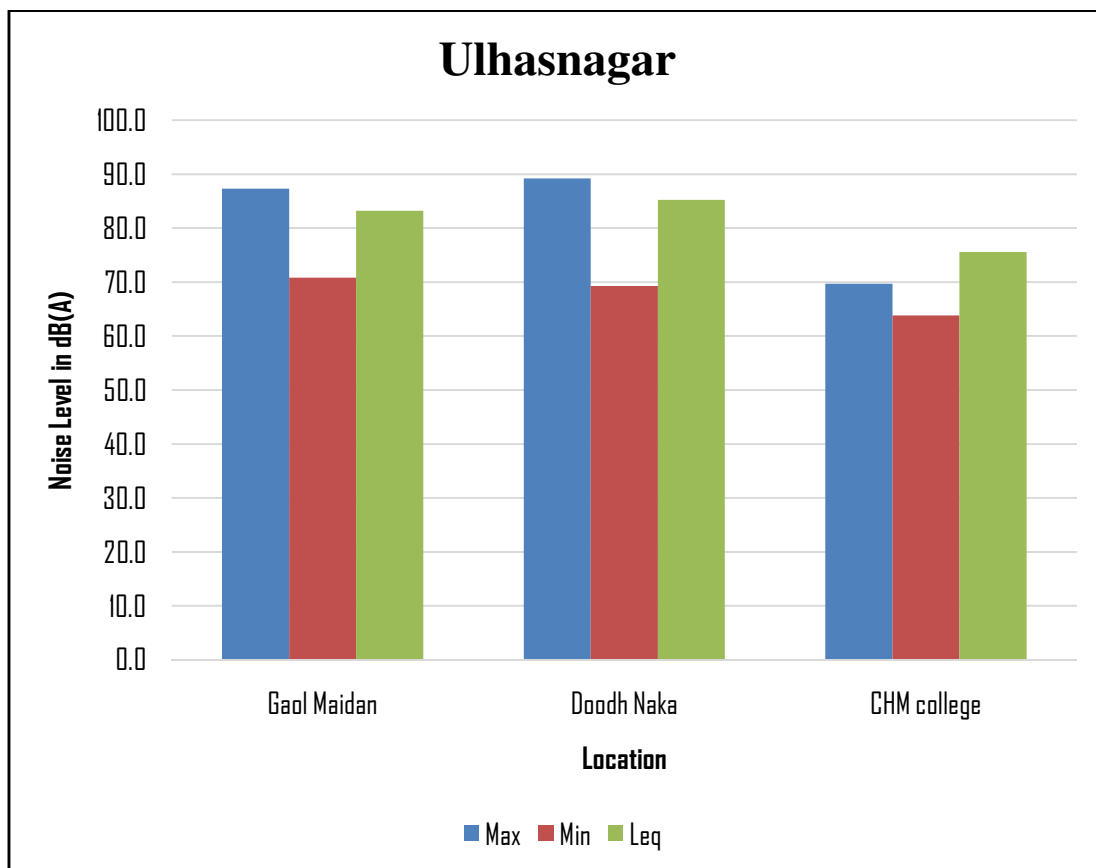


15. Ulhasnagar

At Ulhasnagar the highest noise level was observed at Doodh naka with 85.3 dB(A) and reason for increase in noise level was due to the use of loud speakers in possession for visarjan.

Table 7.15: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Ulhasnagar

Location	L_{max}	L_{min}	L_{eq}
Gaol Maidan	87.3	70.8	83.2
Doodh Naka, Ulhasnagr sector 5	89.2	69.3	85.3
CHM college	69.7	63.8	75.6

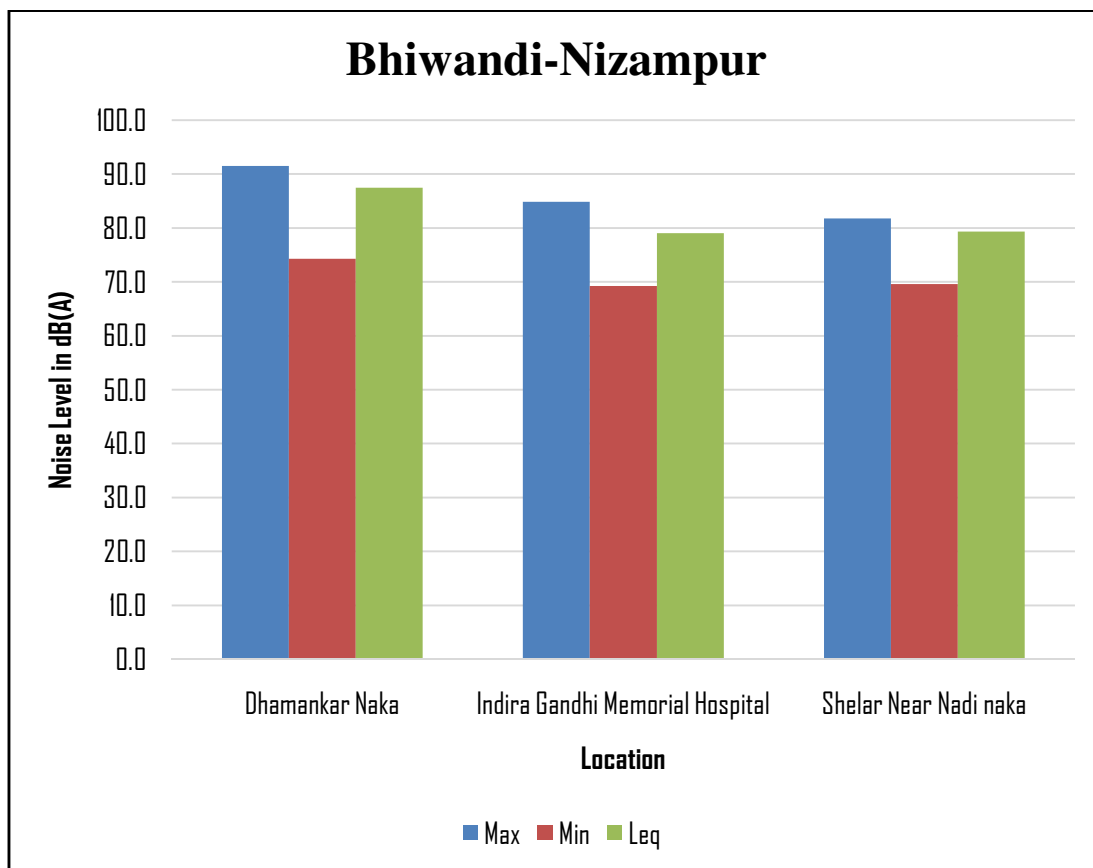
Hourly Noise levels on 31st August, 2017 in Ulhasnagar


16. Bhiwandi-Nizampur

The highest noise level was observed at Dhamankar naka with 87.4 dB(A) and the increase in noise level was due to the traffic.

Table 7.16: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Bhiwandi-Nizampur

Location	L_{max}	L_{min}	L_{eq}
Dhamankar Naka	91.5	74.3	87.4
Indira Gandhi Memorial Hospital	84.8	69.3	79.0
Shelar Near Nadi naka	81.7	69.6	79.3

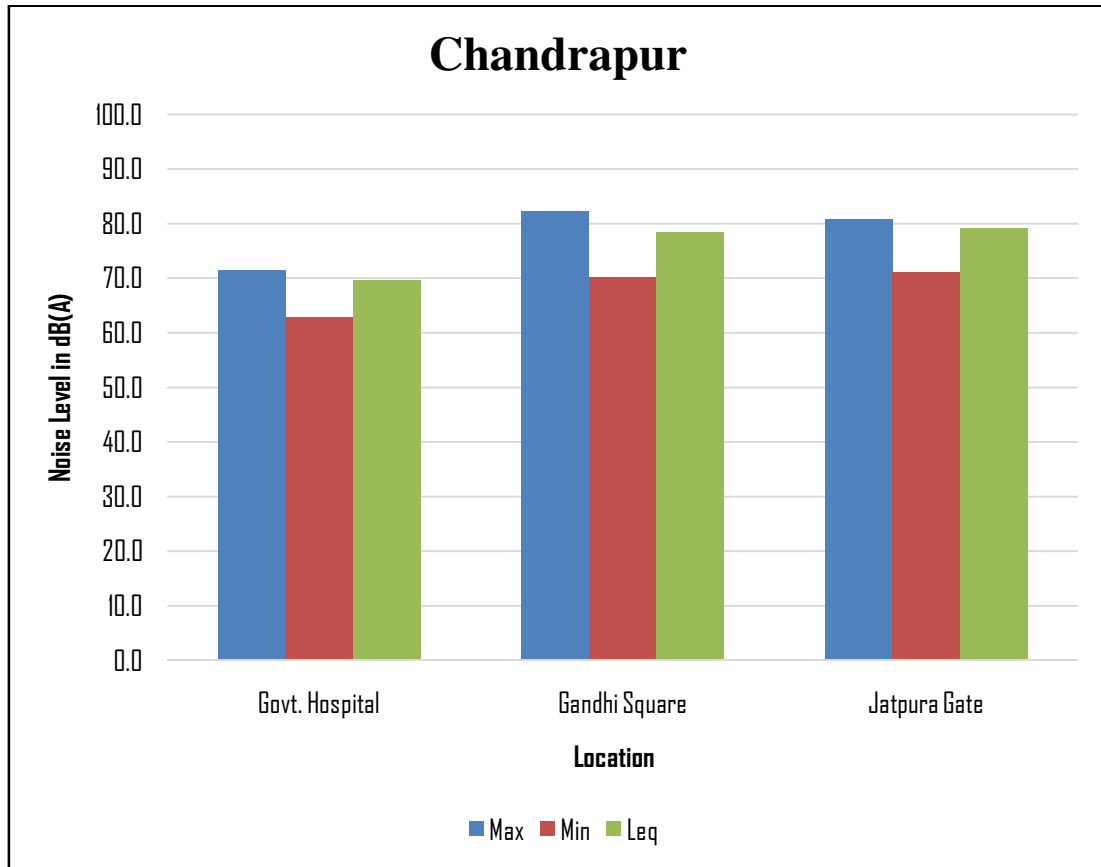
Hourly Noise levels on 31st August, 2017 in Bhiwandi-Nizampur


17. Chandrapur

In Chandrapur region the highest noise level was observed at Jatpura gate only on 31st August with 76.5 dB(A) and the reason for increase in noise level was due to traffic due to Ganesh Visarjan.

Table 7.17: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Chandrapur

Location	L_{max}	L_{min}	L_{eq}
Govt. Hospital	73.2	64.7	72.6
Gandhi Square	79.6	69.1	66.0
Jatpura Gate	81.1	66.2	76.5

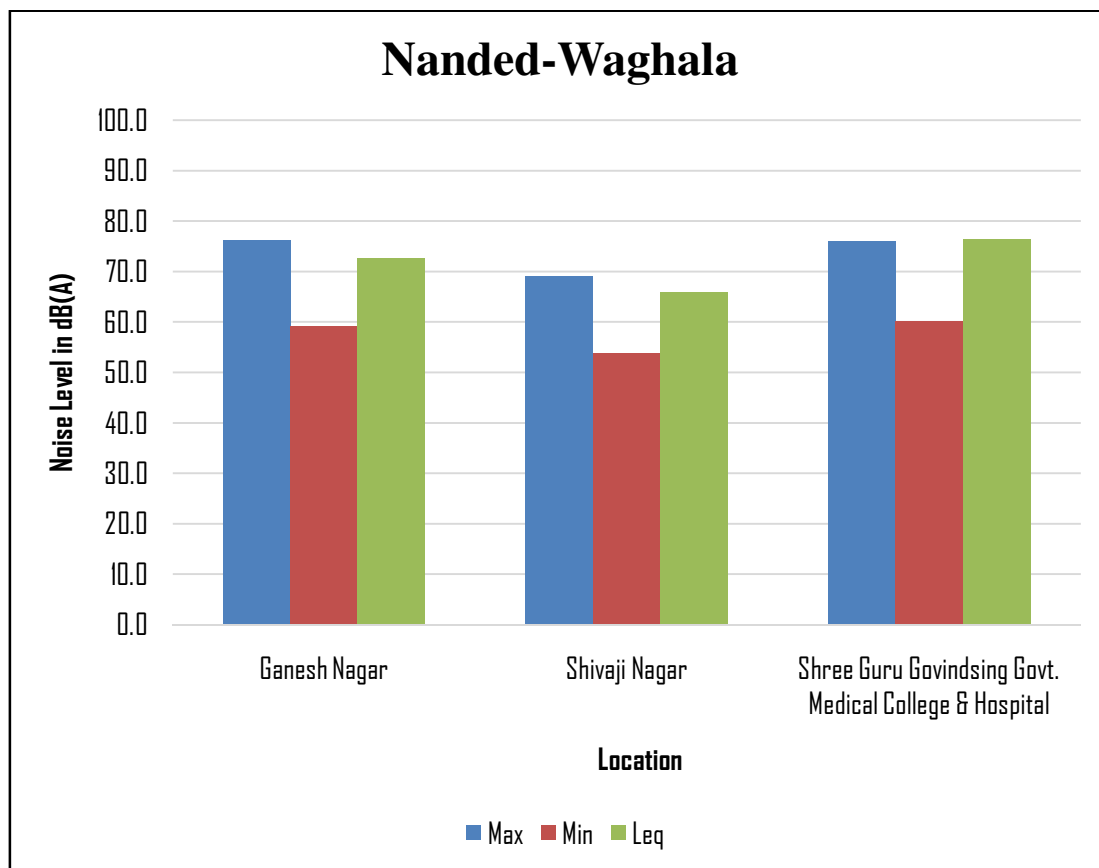
Hourly Noise levels on 31st August, 2017 in Chandrapur

18. Nanded-Waghala

At Nanded-Waghala the highest noise level on 31st August was also observed at Shree Guru Govindsing Govt. Medical College & Hospital with 76.5 dB(A) and the increase in noise level was due to the traffic caused due to the possession for Ganesh Visarjan.

Table 7.18: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Nanded-Waghala

Location	L_{max}	L_{min}	L_{eq}
Ganesh Nagar	76.2	59.1	72.6
Shivaji Nagar	69.1	53.9	66.0
Shree Guru Govindsing Govt. Medical College & Hospital	76.1	60.1	76.5

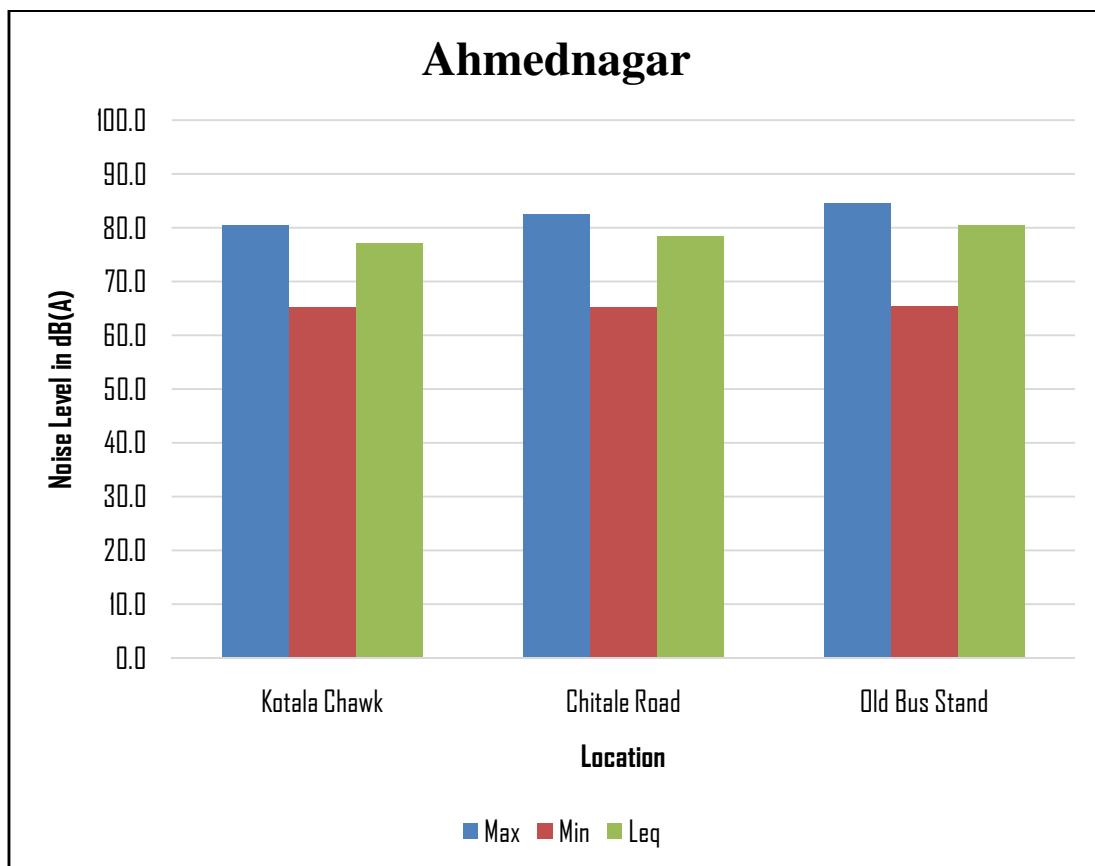
Hourly Noise levels on 31st August, 2017 in Nanded-Waghala


19. Ahmednagar

On 31st August also the highest noise level in Ahmednagar was observed at Old Bus stand with 80.5 dB(A) and the increase in noise was mainly due to traffic.

Table 7.19: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Ahmednagar

Location	L_{max}	L_{min}	L_{eq}
Kotala Chawk	80.4	65.2	77.2
Chitale Road	82.6	65.2	78.4
Old Bus Stand	84.6	65.3	80.5

Hourly Noise levels on 31st August, 2017 in Ahmednagar


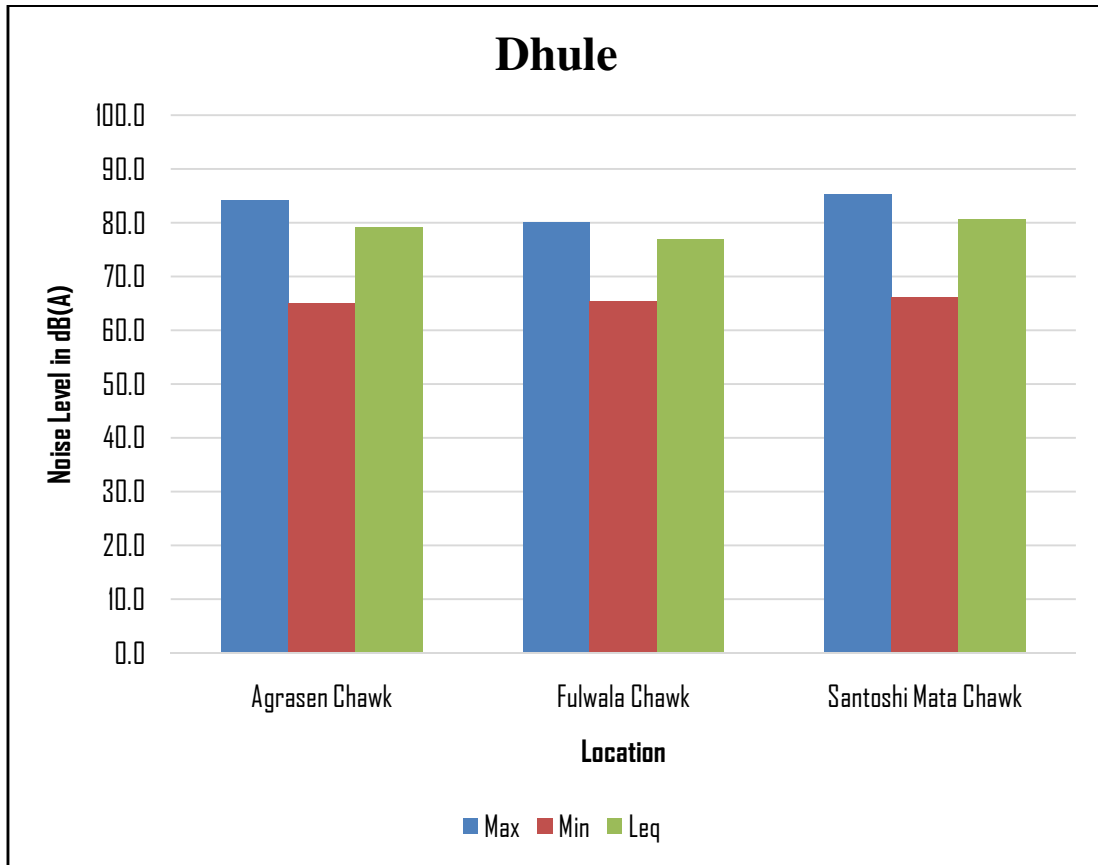
20. Dhule

At Dhule the highest noise level was observed at Santoshi Mata Chowk only on 31st August also with 80.7 dB(A). The increase in noise level was mainly due to the crowd gatherings and prayers and the traffic due to the same.

Table 7.20: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Dhule

Location	L_{max}	L_{min}	L_{eq}
Agrasen Chawk	84.2	65.0	79.1
Fulwala Chawk	80.1	65.4	77.0
Santoshi Mata Chawk	85.2	66.1	80.7

Hourly Noise levels on 31st August, 2017 in Dhule

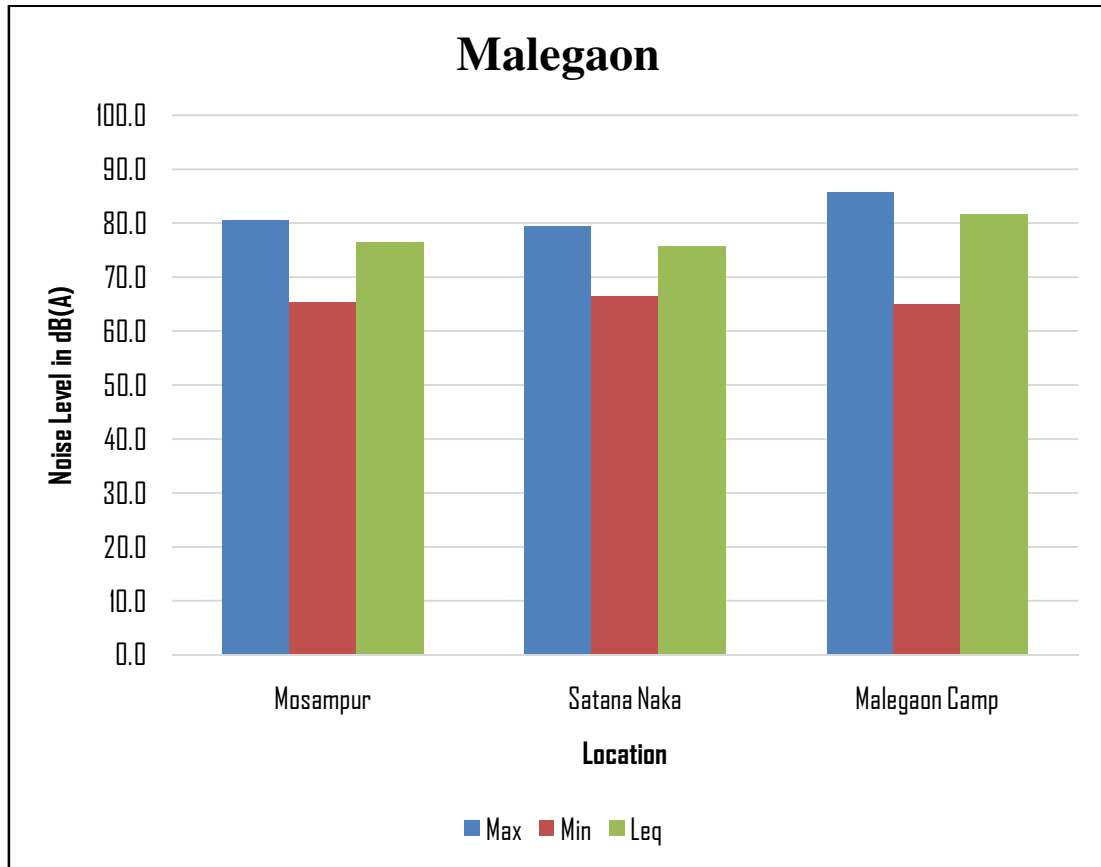


21. Malegaon

The highest noise level at Malegaon region was observed at Malegaon camp with 81.6 dB(A). The reason for increase in noise pollution is due to traffic and loud speakers at pandals located nearby.

Table 7.21: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Malegaon

Location	L_{max}	L_{min}	L_{eq}
Mosampur	80.5	65.4	76.5
Satana Naka	79.5	66.4	75.8
Malegaon Camp	85.7	65.0	81.6

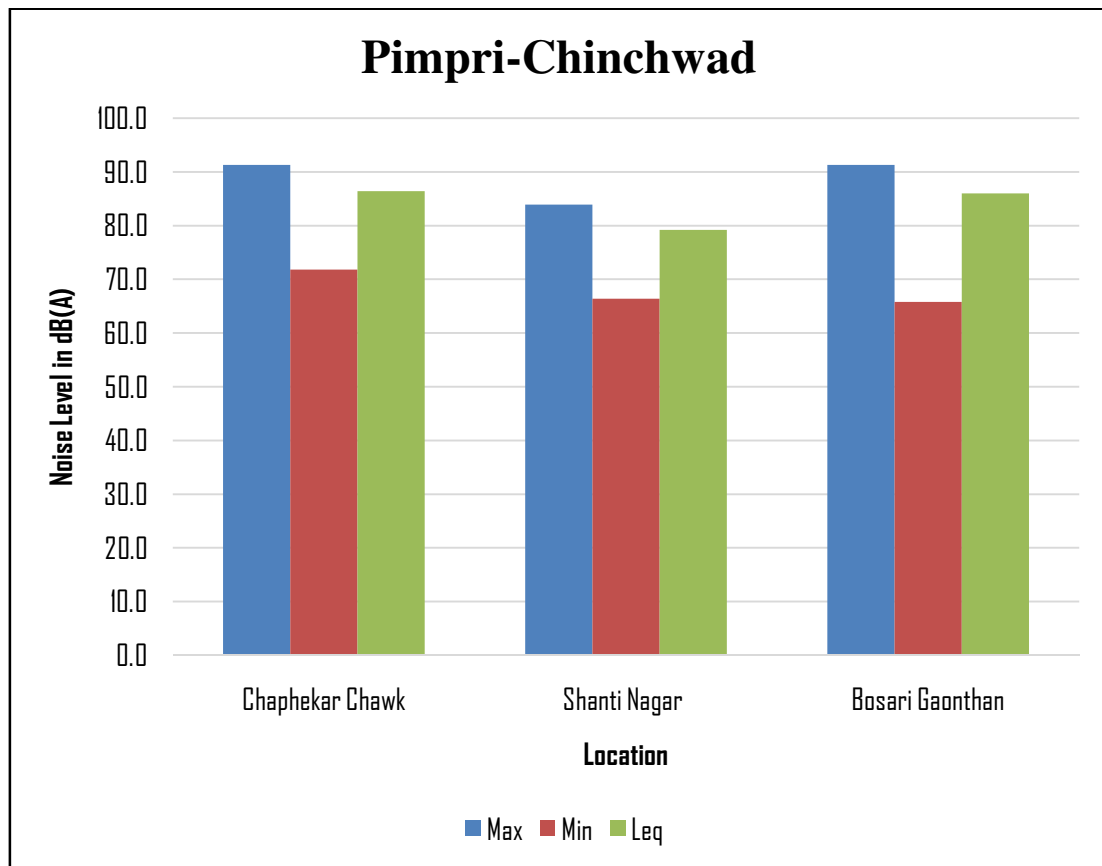
Hourly Noise levels on 31st August, 2017 in Malegaon


22. Pimpri-Chinchwad

In Pimpri-Chinchwad the highest noise level was observed at Chaphekar Chawk with 86.4 dB(A) and the reason for increase in noise level is due to the traffic congestion.

Table 7.22: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Pimpri-Chinchwad

Location	L_{max}	L_{min}	L_{eq}
Chaphekar Chawk	91.3	71.8	86.4
Shanti Nagar	83.9	66.4	79.2
Bosari Gaonthan	91.3	65.8	86.0

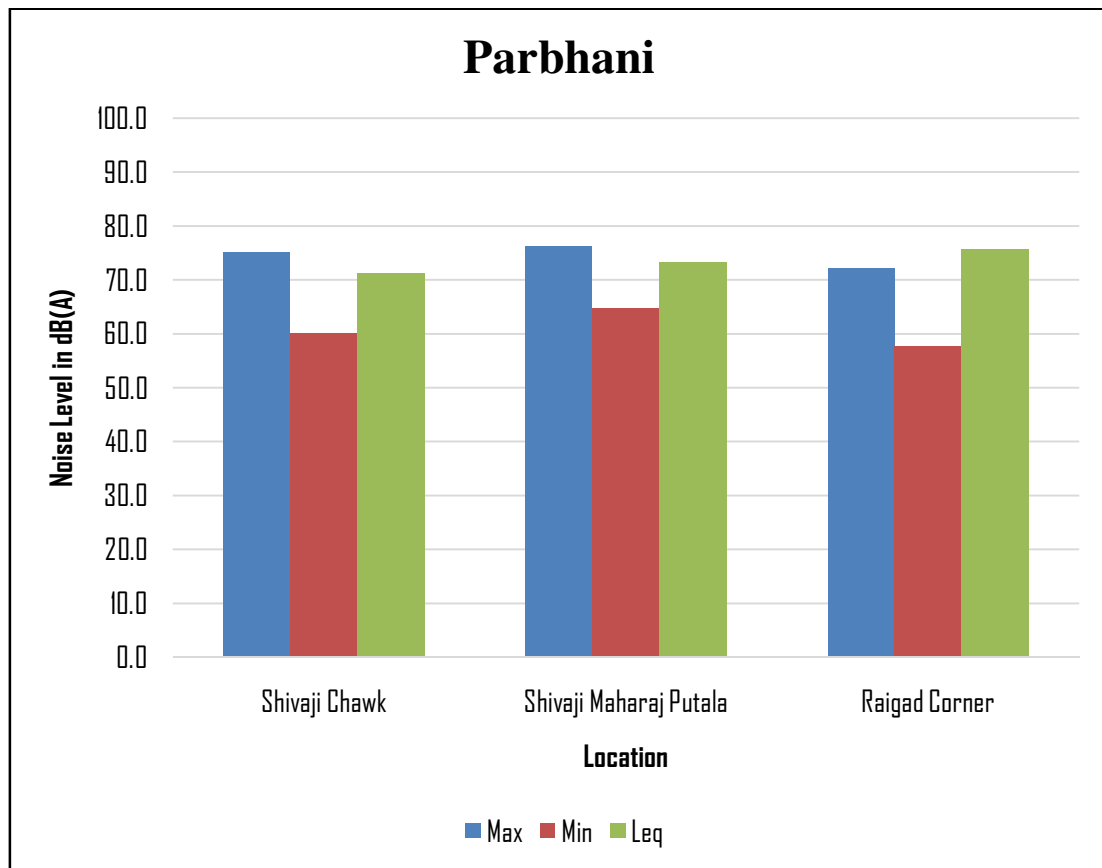
Hourly Noise levels on 31st August, 2017 in Pimpri-Chinchwad


23. Parbhani

The highest noise level in Parbhani region was observed at RaigadCorner with 75.8 dB(A) and the increase in noise level was due to traffic congestion.

Table 7.23: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 29th August, 2017 in Parbhani

Location	L_{max}	L_{min}	L_{eq}
Shivaji Chawk	75.1	60.2	71.3
Shivaji Maharaj Putala	76.3	64.8	73.3
Raigad Corner	72.1	57.6	75.8

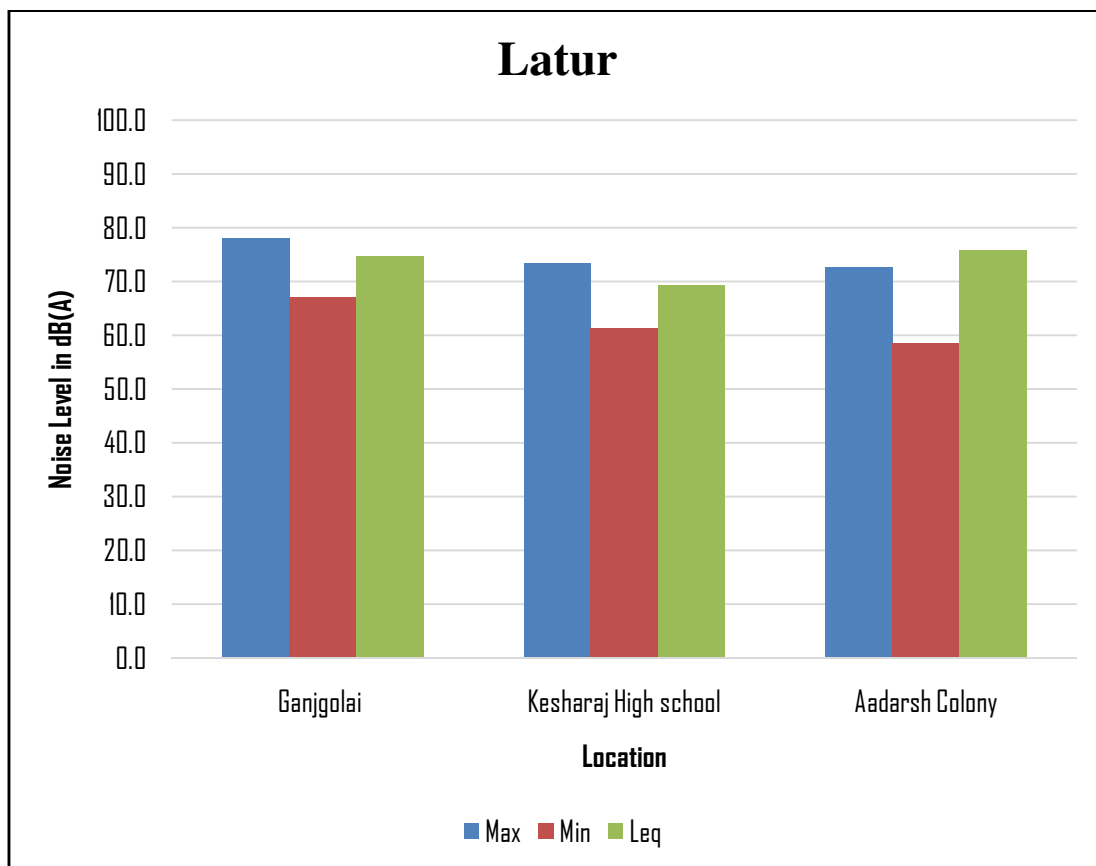
Hourly Noise levels on 29th August, 2017 in Parbhani


24. Latur

At Latur the highest noise level was observed at Adarsh colony with 75.9 dB(A) and the reason was use of loud speakers and drums during the possession and traffic.

Table 7.24: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Latur

Location	L_{max}	L_{min}	L_{eq}
Ganjgolai	78.1	67.0	74.7
Kesharaj High school	73.4	61.2	69.2
Aadarsh Colony	72.6	58.4	75.9

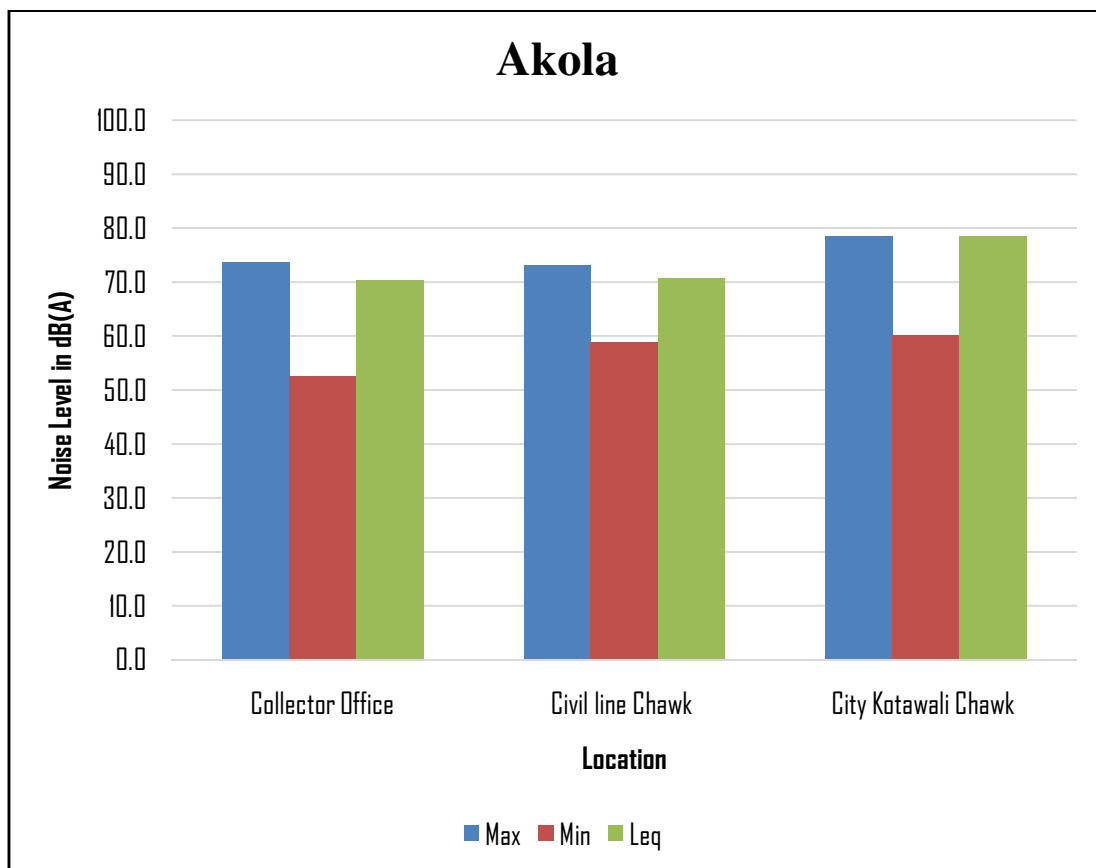
Hourly Noise levels on 31st August, 2017 in Latur


25. Akola

City Kotawali Chawk with 78.5 dB(A) had the highest noise level in Akola region and the increase in noise level was due to traffic.

Table 7.25: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Akola

Location	L_{max}	L_{min}	L_{eq}
Collector Office	73.6	52.6	70.3
Civil line Chawk	73.1	58.8	70.7
City Kotawali Chawk	78.5	60.2	78.5

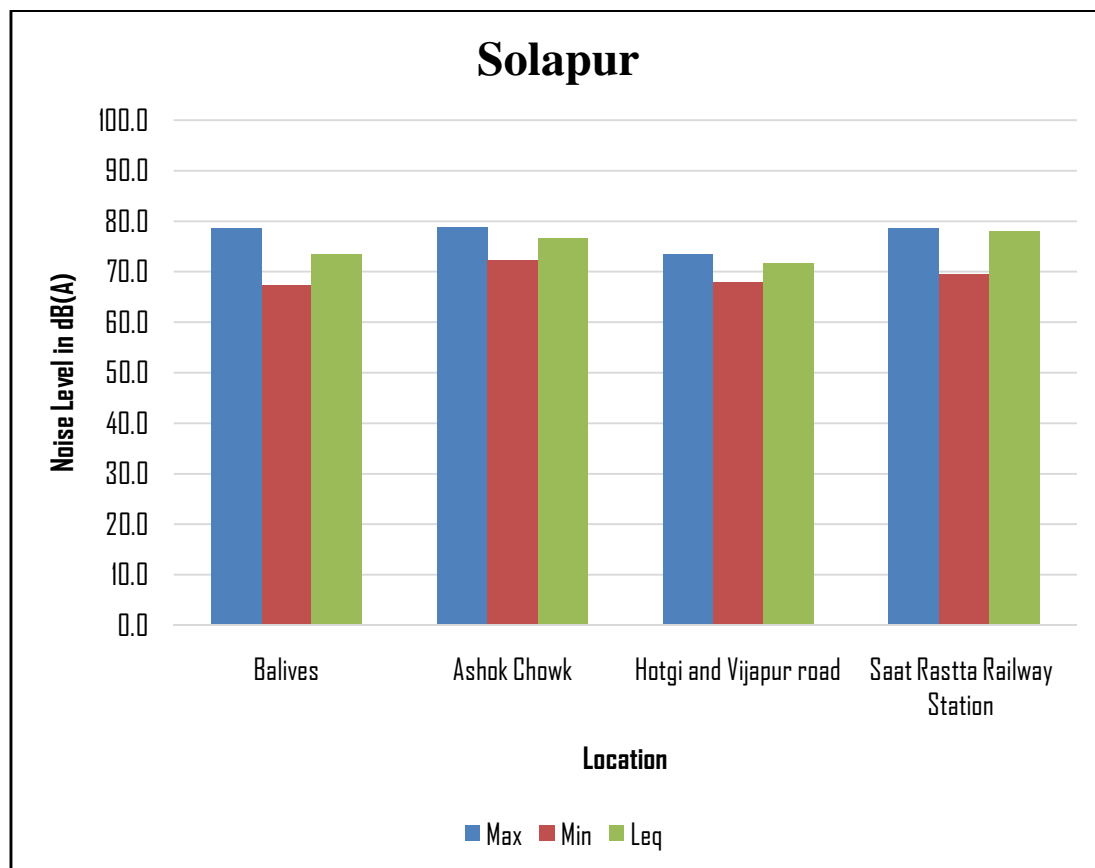
Hourly Noise levels on 31st August, 2017 in Akola


26. Solapur

Saat Rastta Railway Station was found to have the highest noise level with 78 dB(A) and the increase in noise level was mainly due to the traffic and crowd.

Table 7.26 : Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Solapur

Location	L_{max}	L_{min}	L_{eq}
Balives	78.7	67.4	73.5
Ashok Chowk	78.9	72.2	76.6
Hotgi and Vijapur road	73.4	68.0	71.6
Saat Rastta Railway Station	78.6	69.6	78.0

Hourly Noise levels on 31st August, 2017 in Solapur


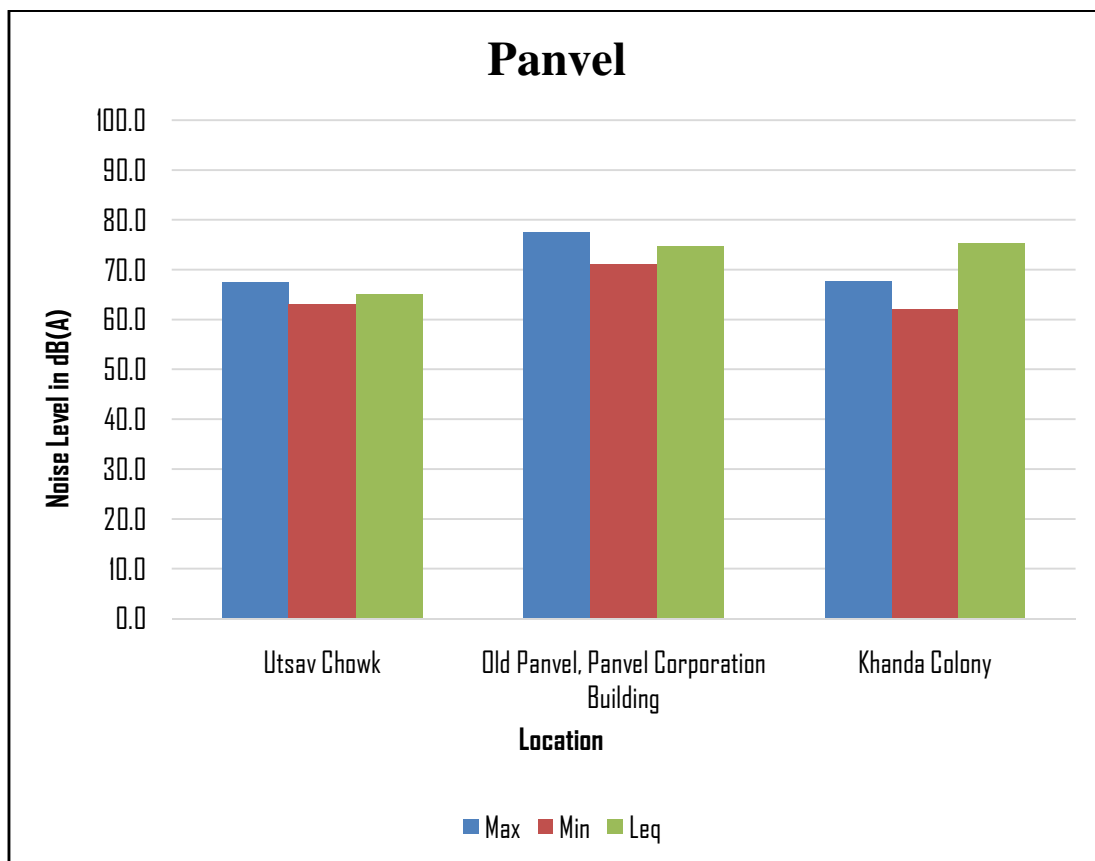
27. Panvel

The highest noise level of 75.3 dB(A) was observed at Khanda colony only on 31st August and the reason for the increase in noise level was due to use of loud speakers in the nearby pandals and traffic due to the possession.

Table 7.27: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 31st August, 2017 in Panvel

Location	L_{max}	L_{min}	L_{eq}
Utsav Chowk	67.5	63.2	65.1
Old Panvel, Panvel Corporation Building	77.6	71.1	74.8
Khanda Colony	67.7	62.2	75.3

Hourly Noise levels on 31st August, 2017 in Panvel



V. Noise Levels on 5th September, 2017

5th September is marked as Anand Chaturti which is the most important day of Ganesh Visarjan. It is the 11th day from the day of Ganesh Chaturti. Most of the statues of Lord Ganesha are taken to the water body through the street procession on this day with much fanfare. Thousands of devotees join the procession and fill the whole atmosphere with chanting of Lord Ganesha. "Ganapati Bappa Morya" and "Ganesh Maharaj Ki, Jai" are few of the famous slogans which are chanted throughout the procession.

The majority of crowd is created on the same day as people follow the possession of Ganesh idols for visarjan. Most of the idols taken out visarjan on this day is big in size. Even though due to public awareness the use of eco-friendly idol is promoted nowadays, a lot of pollution of water, noise and air takes place due to the visarjan.





1. Mumbai

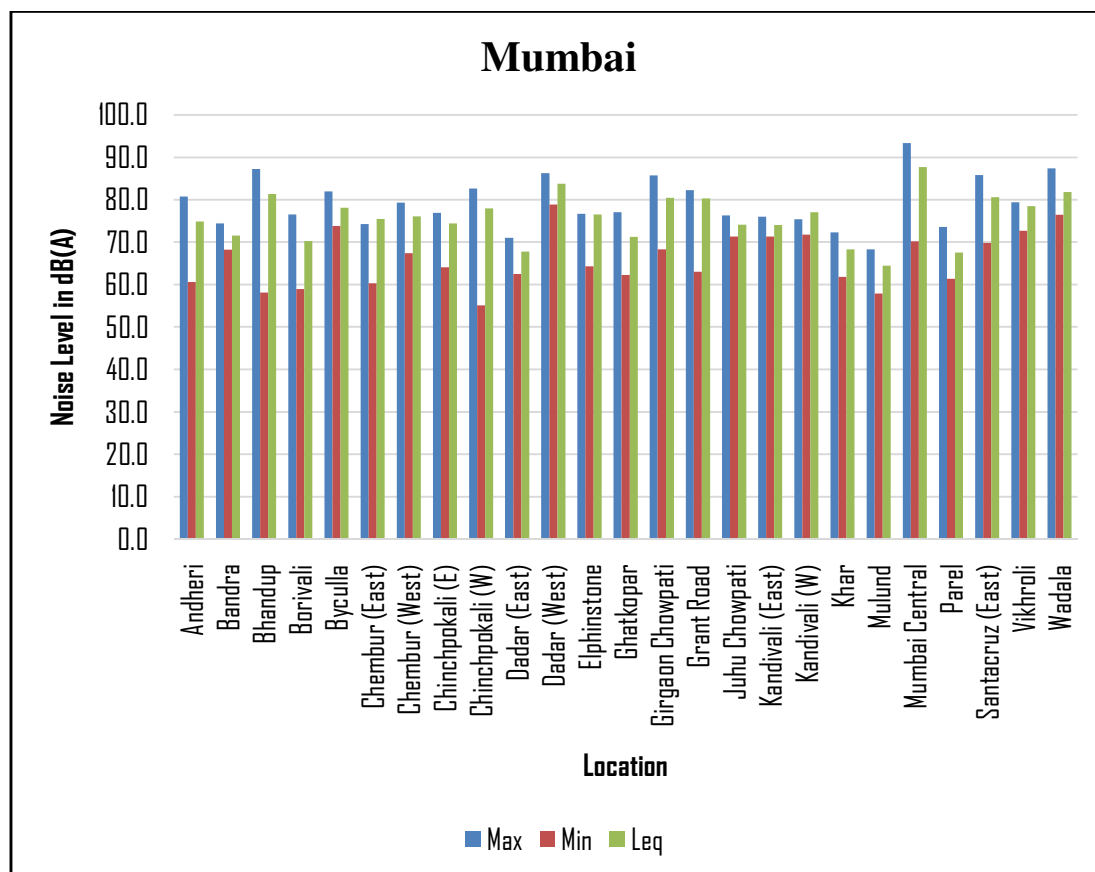
The noise level was highest at Mumbai Central with 87.7 dB(A) when compared to the remaining 24 locations in Mumbai region. The reason for the increase in noise level was due to the use of loud speakers in possession.

Table 8.1: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Mumbai

Location	L_{max}	L_{min}	L_{eq}
Andheri	80.7	60.6	74.9
Bandra	74.5	68.3	71.6
Bhandup	87.2	58.1	81.4
Borivali	76.6	58.9	70.2
Byculla	82.0	73.8	78.1
Chembur (East)	74.3	60.3	75.5
Chembur (West)	79.3	67.4	76.1
Chinchpokali (E)	76.9	64.0	74.4
Chinchpokali (W)	82.6	55.1	78.0
Dadar (East)	71.0	62.5	67.8
Dadar (West)	86.3	78.9	83.8
Elphinstone	76.7	64.3	76.5
Ghatkopar	77.1	62.2	71.2
Girgaon Chowpati	85.7	68.3	80.4
Grant Road	82.3	63.0	80.3
Juhu Chowpati	76.3	71.3	74.1

Location	L _{max}	L _{min}	L _{eq}
Kandivali (East)	76.0	71.3	74.1
Kandivali (W)	75.4	71.8	77.1
Khar	72.3	61.8	68.3
Mulund	68.3	57.9	64.5
Mumbai Central	93.3	70.2	87.7
Parel	73.6	61.3	67.5
Santacruz (East)	85.8	69.8	80.6
Vikhroli	79.4	72.7	78.5
Wadala	87.4	76.4	81.8

Hourly Noise levels on 5th September, 2017 in Mumbai



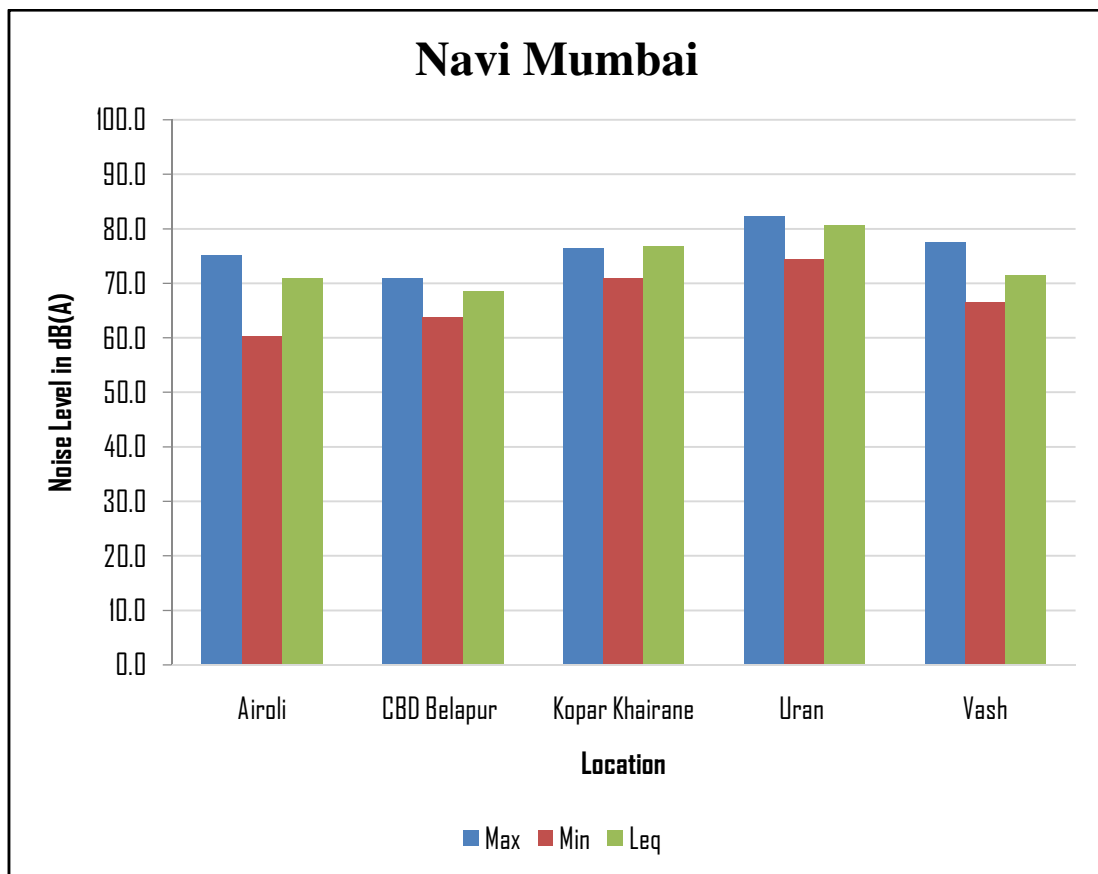
2. Navi Mumbai

In Navi Mumbai the highest noise level of 80.7 dB(A) was observed both at Uran. The increase in noise level was due to the traffic due to Visarjan.

Table 8.2: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Navi Mumbai

Location	L_{max}	L_{min}	L_{eq}
Airoli	75.2	60.3	70.9
CBD Belapur	71.0	63.8	68.5
Kopar Khairane	76.5	71.0	76.7
Uran	82.2	74.4	80.7
Vashi	77.5	66.4	71.4

Hourly Noise levels on 5th September, 2017 in Navi Mumbai



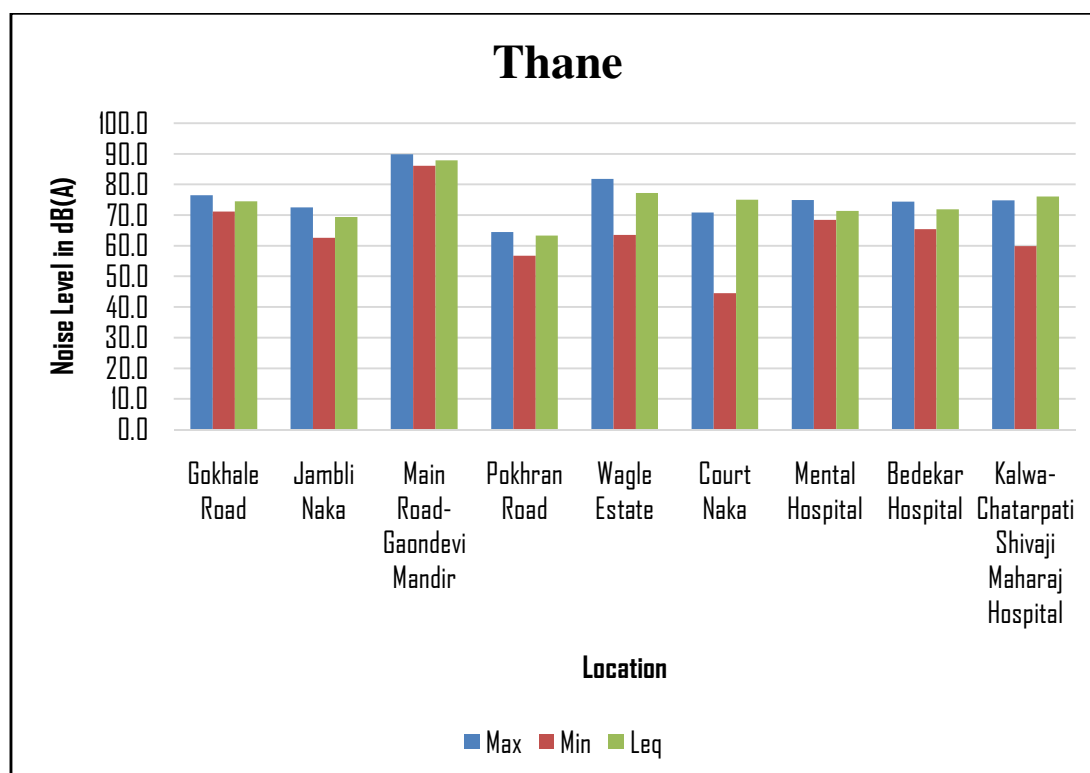
3. Thane

Main Road near Gaondevi Mandir was observed to have the highest noise level with 87.8 dB(A) and the reason for increase in noise level was due to Ganesh Visarjan processions.

Table 8.3: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Thane

Location	L_{max}	L_{min}	L_{eq}
Gokhale Road	76.5	71.1	74.5
Jambli Naka	72.5	62.5	69.4
Main Road- Gaondevi Mandir, Naupada	89.8	86.1	87.8
Pokhran Road- Vartak Nagar Chowk	64.5	56.7	63.3
Wagle Estate- Raila Devi Lake	81.8	63.5	77.2
Court Naka	70.8	44.6	75.1
Mental Hospital	74.9	68.5	71.4
Bedekar Hospital	74.4	65.4	71.9
Kalwa- Chatarpati Shivaji Maharaj Hospital	74.8	59.9	76.1

Hourly Noise levels on 5th September, 2017 in Thane

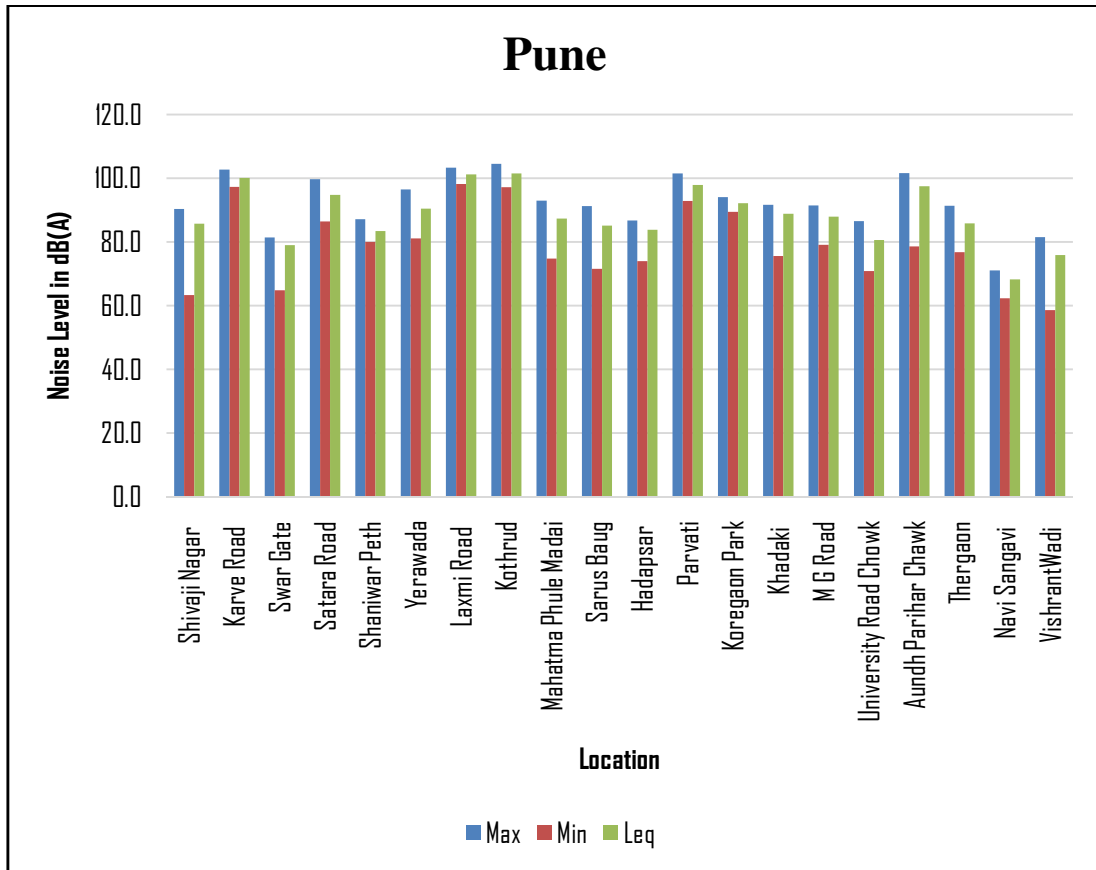


4. Pune

The noise level in Pune region was tremendously high at most of the locations in Pune region. The highest noise level of 101.5 dB(A) was observed at Kothrud due to the crowd and traffic congestion.

Table 8.4: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Pune

Location	L_{max}	L_{min}	L_{eq}
Shivaji Nagar	90.4	63.4	85.7
Karve Road	102.7	97.3	100.2
Swar Gate	81.4	64.9	79.0
Satara Road	99.7	86.4	94.8
Shaniwar Peth	87.1	80.0	83.4
Yerawada	96.5	81.1	90.5
Laxmi Road	103.3	98.2	101.2
Kothrud	104.5	97.2	101.5
Mahatma Phule Madai	93.0	74.8	87.4
Sarus Baug	91.3	71.6	85.1
Hadapsar	86.7	74.0	83.8
Parvati	101.5	92.9	97.9
Koregaon Park	94.1	89.4	92.2
Khadaki	91.6	75.5	88.8
M G Road	91.5	79.1	87.9
University Road Chowk	86.5	70.9	80.7
Aundh Parihar Chawk	101.6	78.6	97.5
Thergaon	91.4	76.8	85.8
Navi Sangavi	71.1	62.4	68.3
VishrantWadi	81.6	58.6	75.9

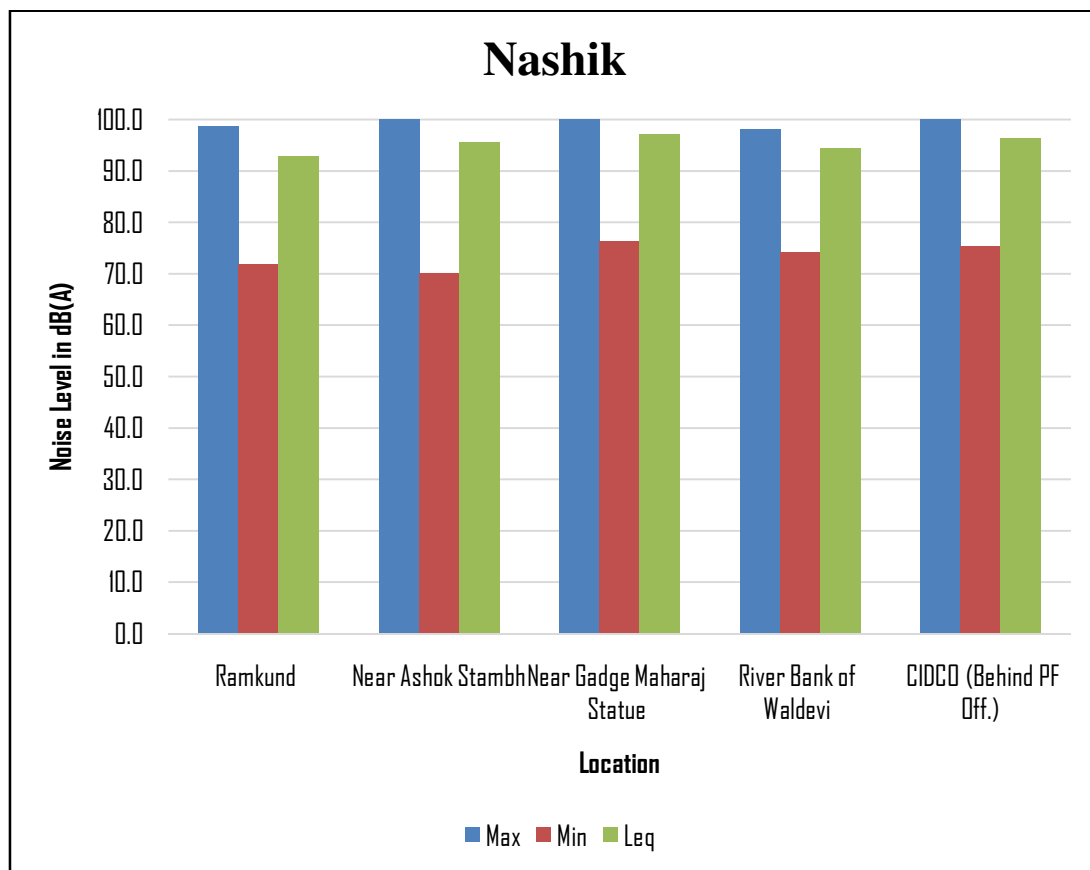
Hourly Noise Levels on 5th September, 2017 in Pune

5. Nashik

In Nashik region different location was monitored on the last day of noise monitoring. The highest noise level was at Nashik was observed Near Gadge Maharaj Statue with 97 dB(A). The noise level increase was mainly due to the possession for Ganesh Visarjan.

Table 8.5: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Nashik

Location	L_{max}	L_{min}	L_{eq}
Ramkund	98.7	71.9	92.8
Near Ashok Stambh	100.2	70.1	95.7
Near Gadge Maharaj Statue	100.2	76.4	97.0
River Bank of Waldevi	98.2	74.2	94.5
CIDCO (Behind PF Off.)	101.2	75.4	96.4

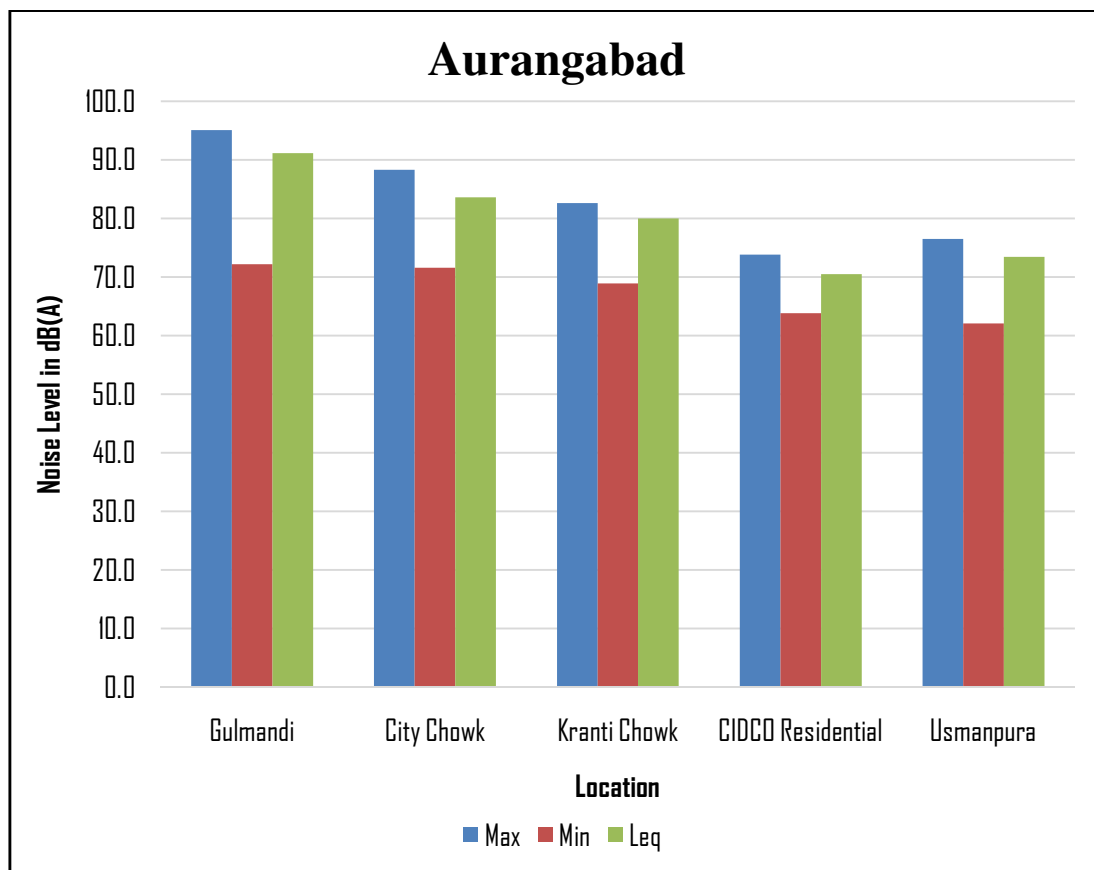
Hourly Noise levels on 5th September, 2017 in Nashik


6. Aurangabad

The highest noise level in Aurangabad was observed at Gulmandi with 91.1 dB(A) and the increase in noise level was due to the traffic coinjection due to the Ganesh Visarjan possession.

Table 8.6: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Aurangabad

Location	L_{max}	L_{min}	L_{eq}
Gulmandi	95.1	72.2	91.1
City Chowk	88.3	71.6	83.6
Kranti Chowk	82.6	68.9	80.0
CIDCO Residential	73.8	63.8	70.5
Usmanpura	76.5	62.1	73.5

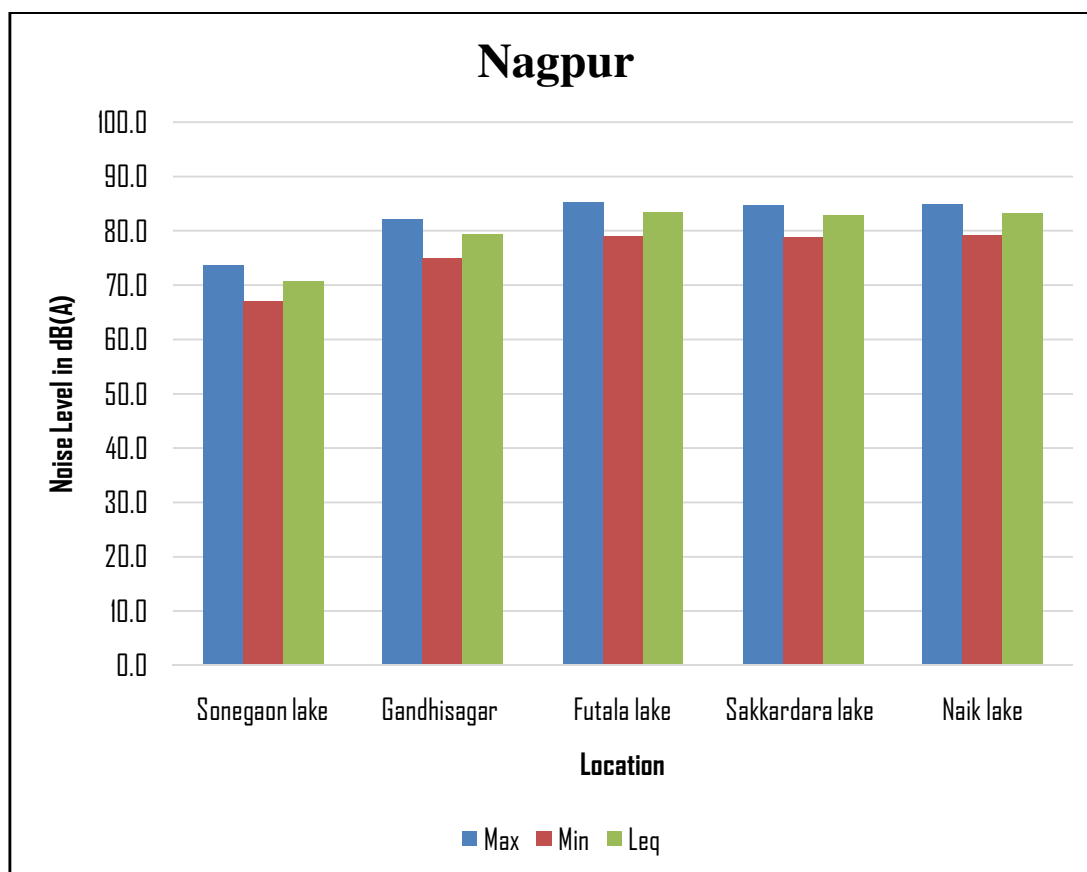
Hourly Noise levels on 5th September, 2017 in Aurangabad


7. Nagpur

In Nagpur region the locations of visarjan was monitored. The highest noise level with 83.5 dB(A) was observed at Futala lake. The reason for increase in noise level was due the usage of musical instruments during possessions and traffic.

Table 8.7: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Nagpur

Location	L_{max}	L_{min}	L_{eq}
Sonegaon lake	73.6	67.1	70.6
Gandhisagar	82.2	75.0	79.4
Futala lake	85.3	79.0	83.5
Sakkardara lake	84.8	78.8	82.9
Naik lake	85.0	79.2	83.3

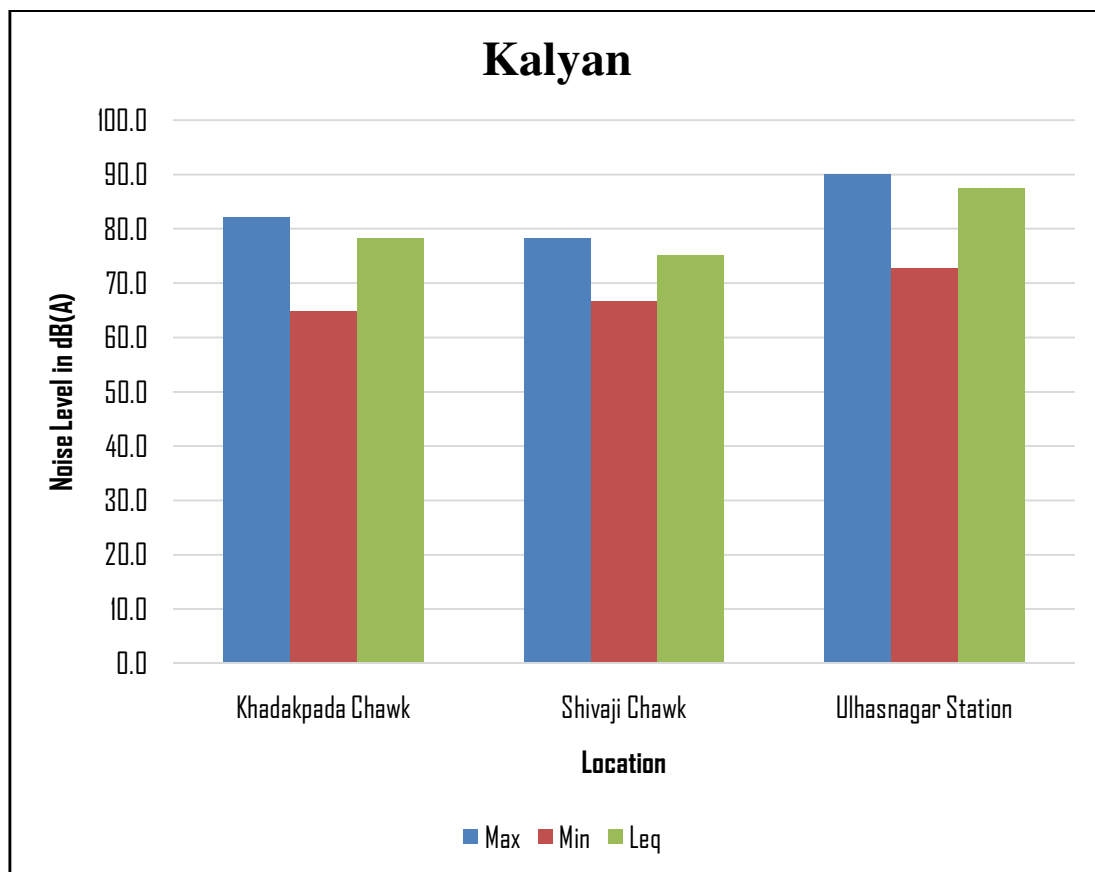
Hourly Noise levels on 5th September, 2017 in Nagpur


8. Kalyan

The highest noise level was observed at Ulhasnagar Station with 87.5 dB(A) and the noise level was high mainly due to the crowd and loud speakers from the pandals installed near by.

Table 8.8: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Kalyan

Location	L_{max}	L_{min}	L_{eq}
Khadakpada Chawk	82.2	64.8	78.3
Shivaji Chawk	78.4	66.7	75.3
Ulhasnagar Station	90.2	72.9	87.5

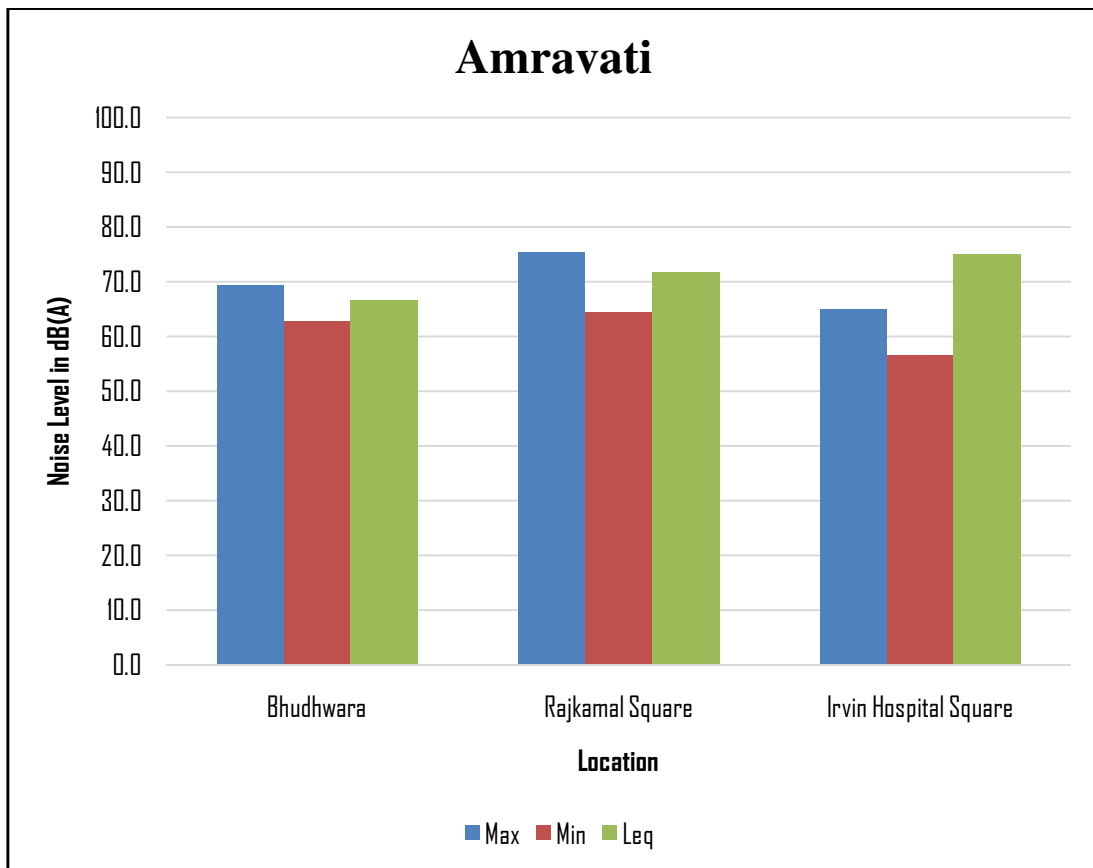
Hourly Noise levels on 5th September, 2017 in Kalyan


9. Amaravati

The noise level near Irvin Hospital was only highest on 5th September also with 75 dB(A) at Amravati region. The increase in noise level was due to the traffic near by the area.

Table 8.9: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Amaravati

Location	L_{max}	L_{min}	L_{eq}
Bhudhwara	69.3	62.8	66.6
Rajkamal Square	75.4	64.3	71.7
Irvin Hospital Square	64.9	56.6	75.0

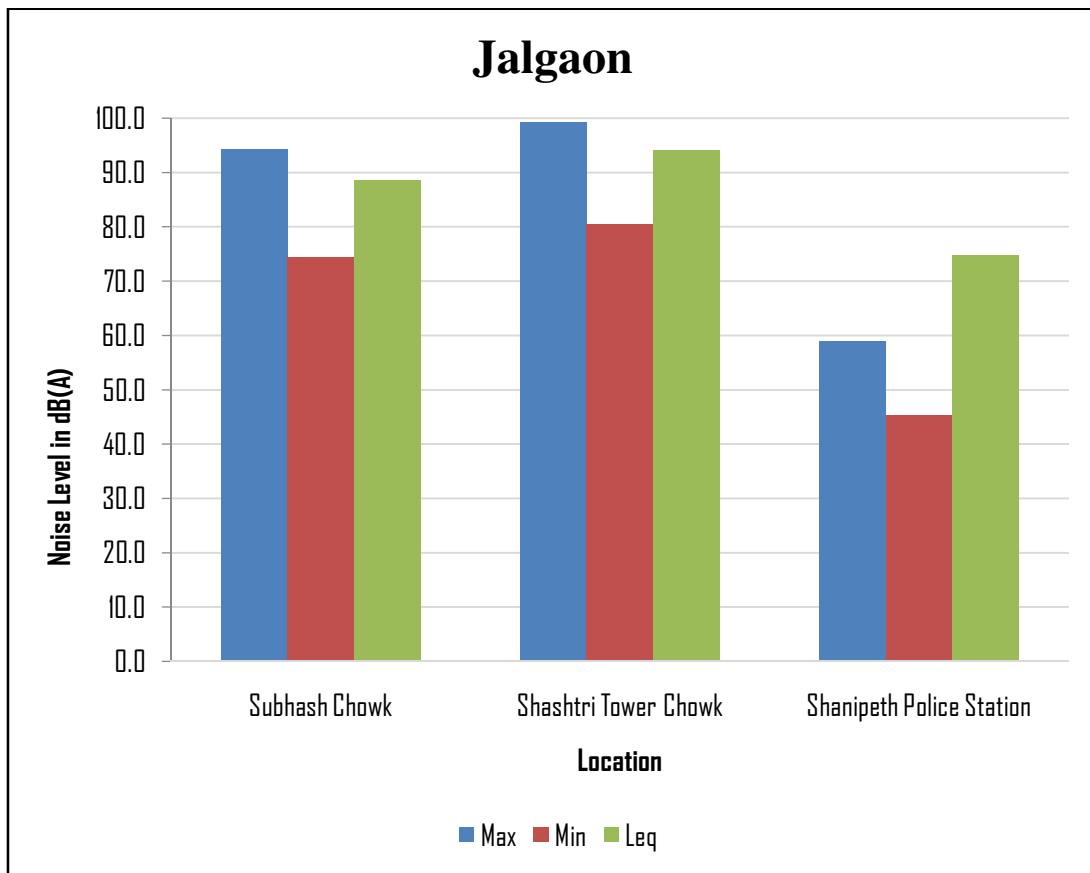
Hourly Noise levels on 5th September, 2017 in Amravati


10. Jalgaon

In Jalgaon region the highest noise level was at Shashtri Tower Chowk with 94.1 dB(A) and the increase in noise level was due to the use of drums and musical instruments during the procession for Ganesh visarjan and the traffic caused due to the same.

Table 8.10: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Jalgaon

Location	L_{max}	L_{min}	L_{eq}
Subhash Chowk	94.3	74.5	88.5
Shashtri Tower Chowk	99.4	80.6	94.1
Shanipeth Police Station	59.0	45.4	74.9

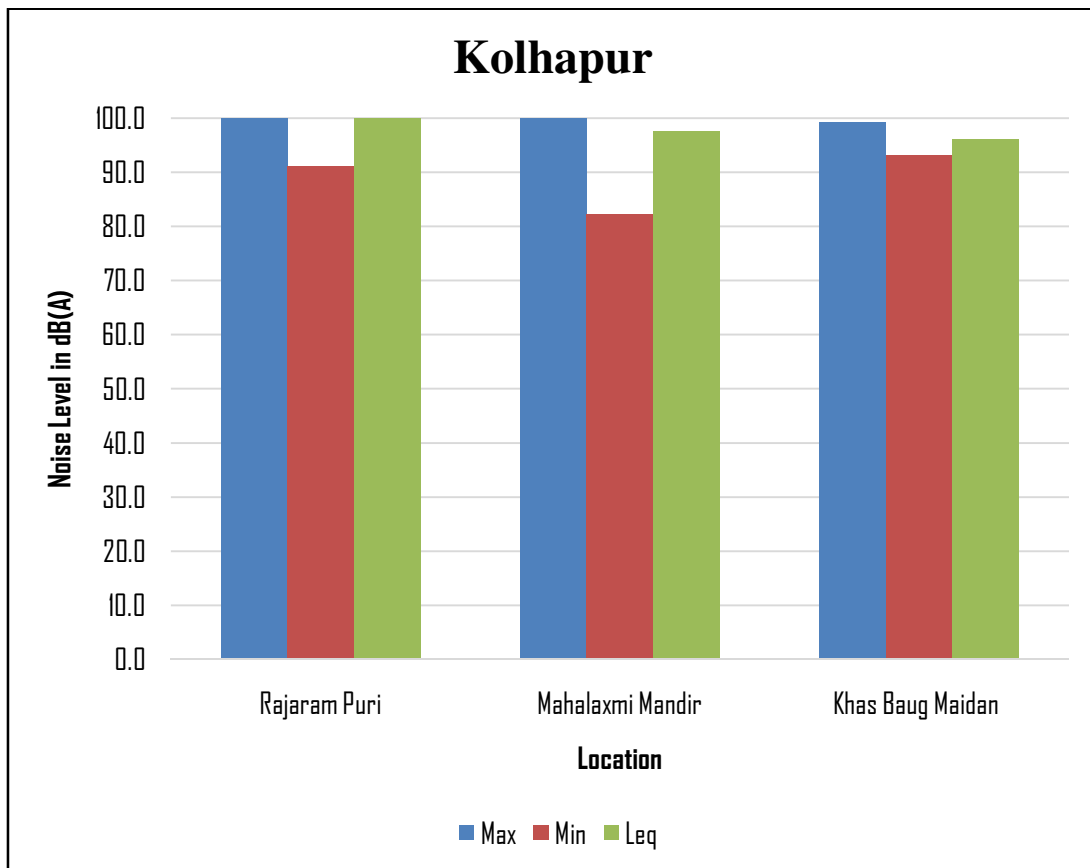
Hourly Noise levels on 5th September, 2017 in Jalgaon


11. Kolhapur

Kolhapur region the highest noise level was observed at Rajaram Puri with 100.2 dB(A) and the reason for the increase in noise level was due to the traffic congestion in the area.

Table 8.11: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Kolhapur

Location	L_{max}	L_{min}	L_{eq}
Rajaram Puri	105.8	91.1	100.2
Mahalaxmi Mandir	103.6	82.2	97.7
Khas Baug Maidan	99.3	93.3	96.2

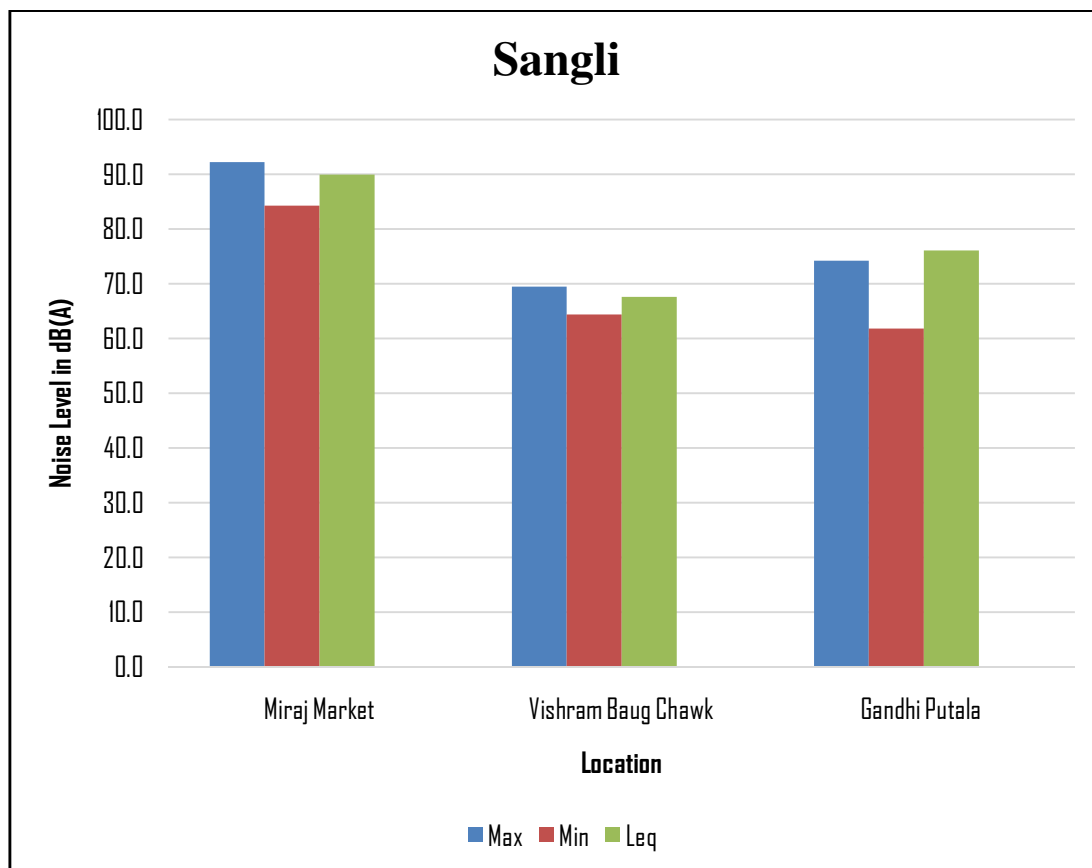
Hourly Noise levels on 5th September, 2017 in Kolhapur


12. Sangli

The highest noise level was observed at Miraj market with 90 dB(A) and the main reason of increase in noise level was due to crowd, traffic congestion and Ganesh visarjan possession.

Table 8.12: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Sangli

Location	L_{max}	L_{min}	L_{eq}
Miraj Market	92.2	84.3	90.0
Vishram Baug Chawk	69.5	64.4	67.6
Gandhi Putala	74.2	61.8	76.1

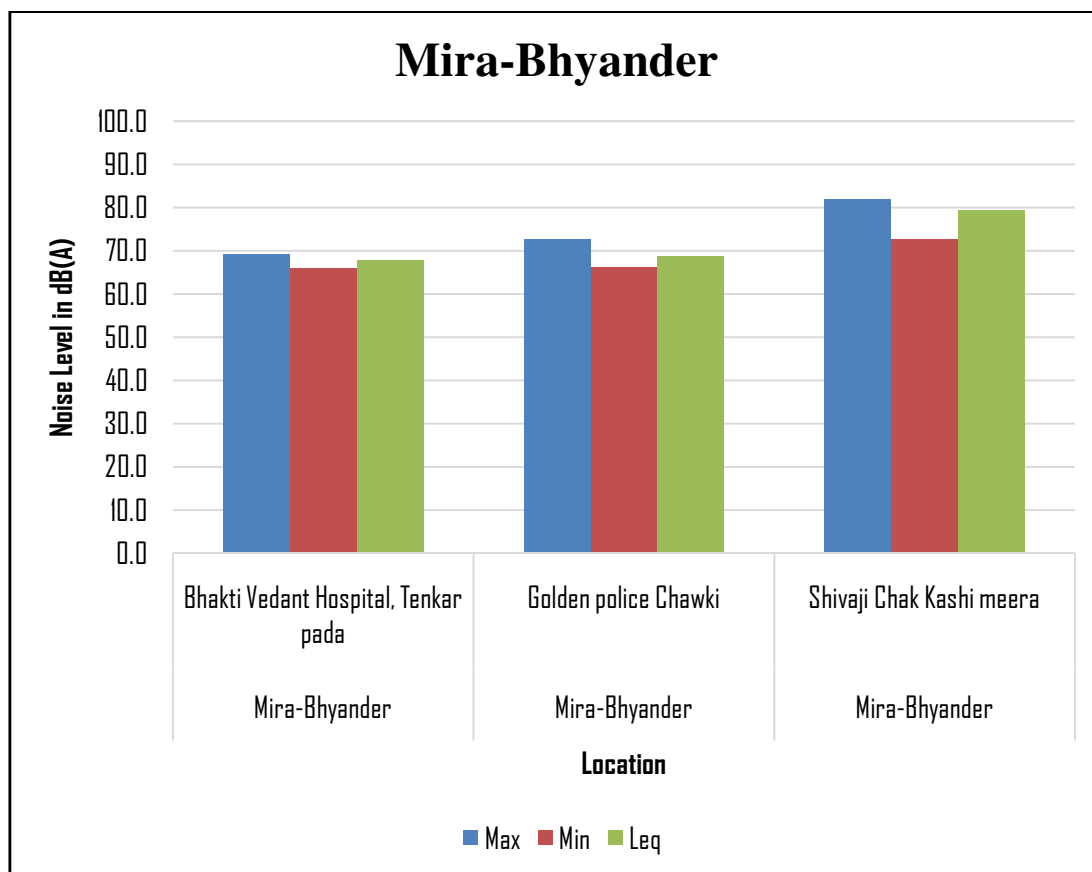
Hourly Noise levels on 5th September, 2017 in Sangli


13. Mira-Bhayander

In Mira-Bhayander the highest noise level was observed at Shivaji Chawk, Kashi Meera with 79.4 dB(A) and the reason for increase in noise level was visarjan.

Table 8.13: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Mira-Bhayander

Location	L_{max}	L_{min}	L_{eq}
Bhakti Vedant Hospital, Tenkar pada	69.2	66.0	67.8
Golden police Chawki	72.6	66.2	68.8
Shivaji Chawk Kashi meera	82.0	72.8	79.4

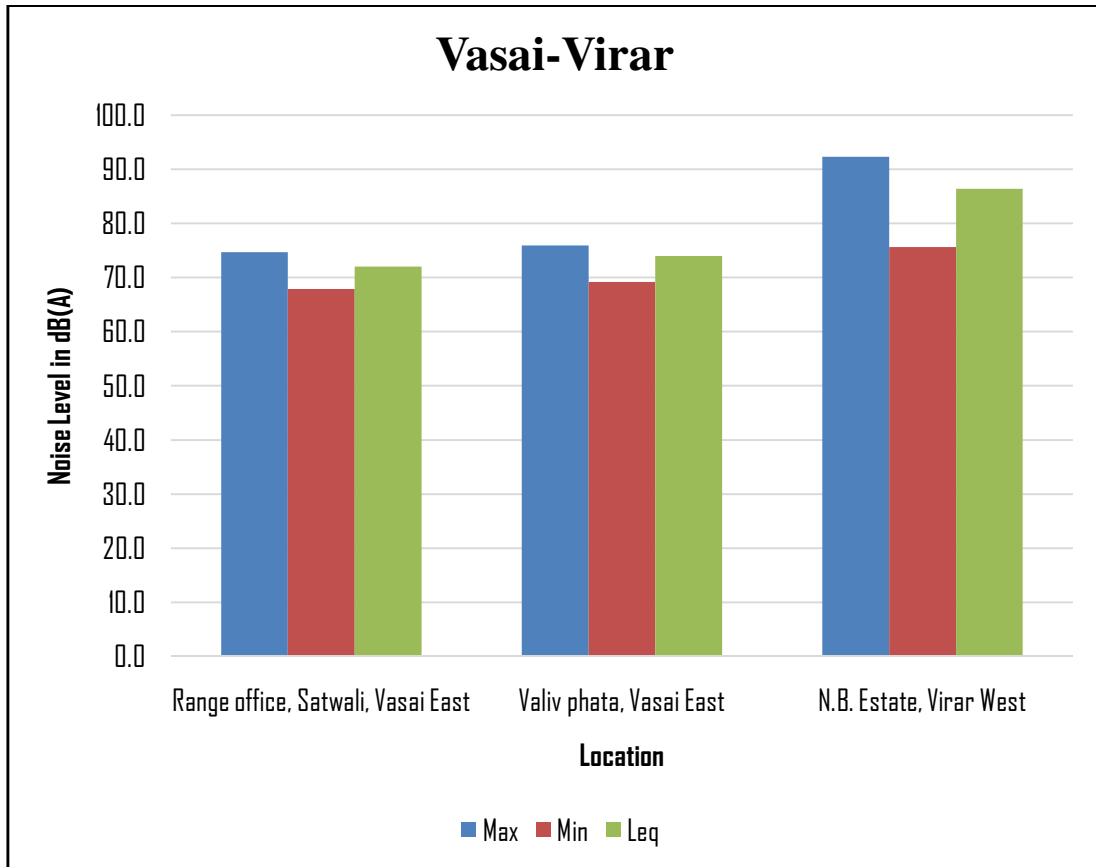
Hourly Noise levels on 5th September, 2017 in Mira-Bhayander


14. Vasai-Virar

At Vasai-Virar the highest noise level was observed at N.B. Estate with 86.4 dB(A) and the reason was mainly due to the possession for visarjan.

Table 8.14: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Vasai-Virar

Location	L_{max}	L_{min}	L_{eq}
Range office, Satwali, Vasai East	74.7	67.9	72.0
Valiv phata, Vasai East	76.0	69.2	74.0
N.B. Estate, Virar West	92.3	75.6	86.4

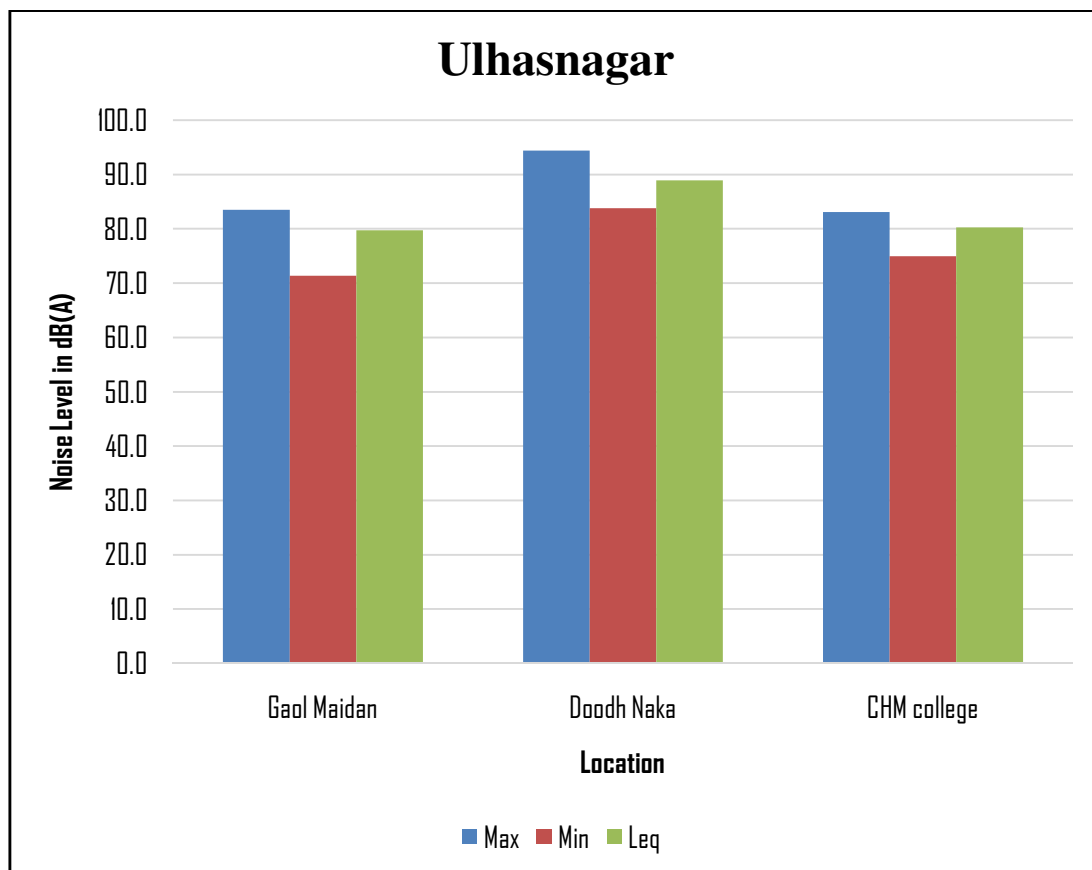
Hourly Noise levels on 5th September, 2017 in Vasai-Virar


15. Ulhasnagar

At Ulhasnagar the highest noise level was observed at Doodh naka with 88.9 dB(A) and reason for increase in noise level was due to the use of loud speakers in possession for visarjan.

Table 8.15: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Ulhasnagar

Location	L_{max}	L_{min}	L_{eq}
Gaol Maidan	83.5	71.4	79.7
Doodh Naka, Ulhasnagr sector 5	94.4	83.8	88.9
CHM college	83.1	75.0	80.2

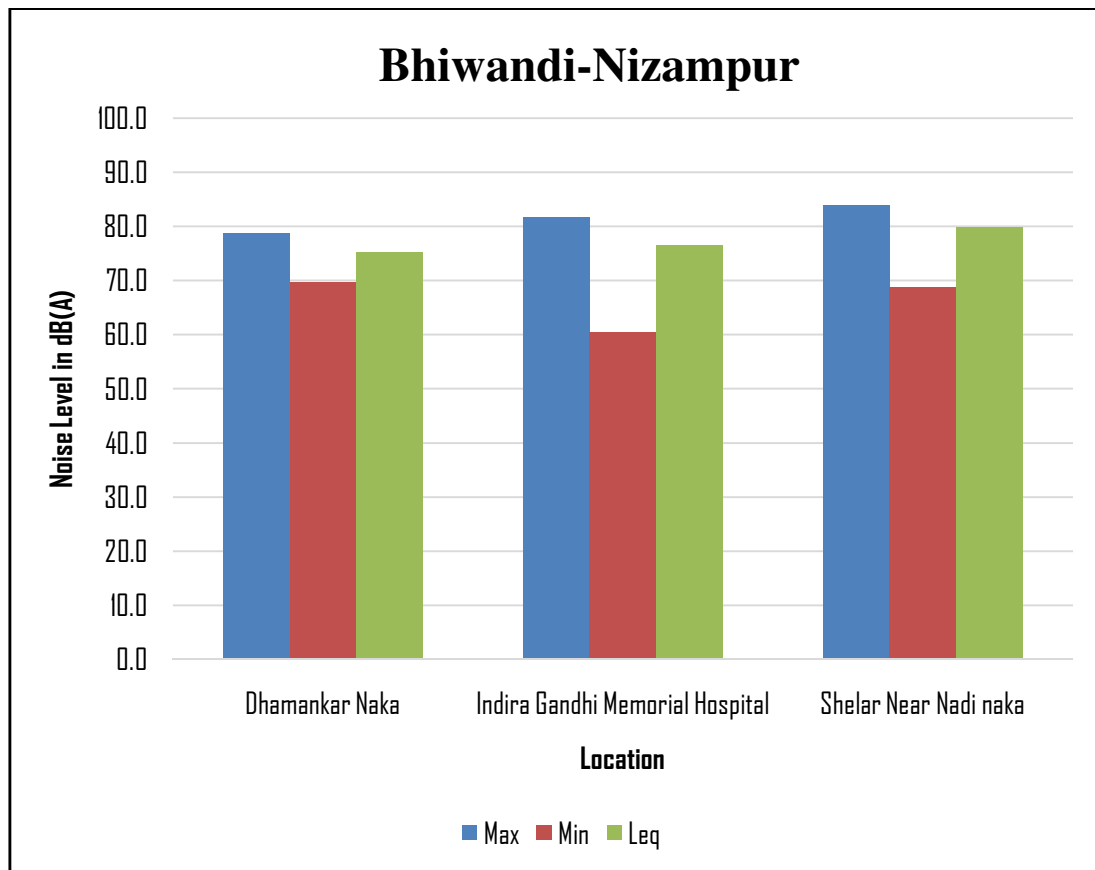
Hourly Noise levels on 5th September, 2017 in Ulhasnagar


16. Bhiwandi-Nizampur

The highest noise level was observed at Shelar Near Nadi naka with 79.9 dB(A) and the increase in noise level was due to the visarjan.

Table 8.16: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Bhiwandi-Nizampur

Location	L_{max}	L_{min}	L_{eq}
Dhamankar Naka	78.9	69.7	75.3
Indira Gandhi Memorial Hospital	81.8	60.5	76.7
Shelar Near Nadi naka	84.0	68.9	79.9

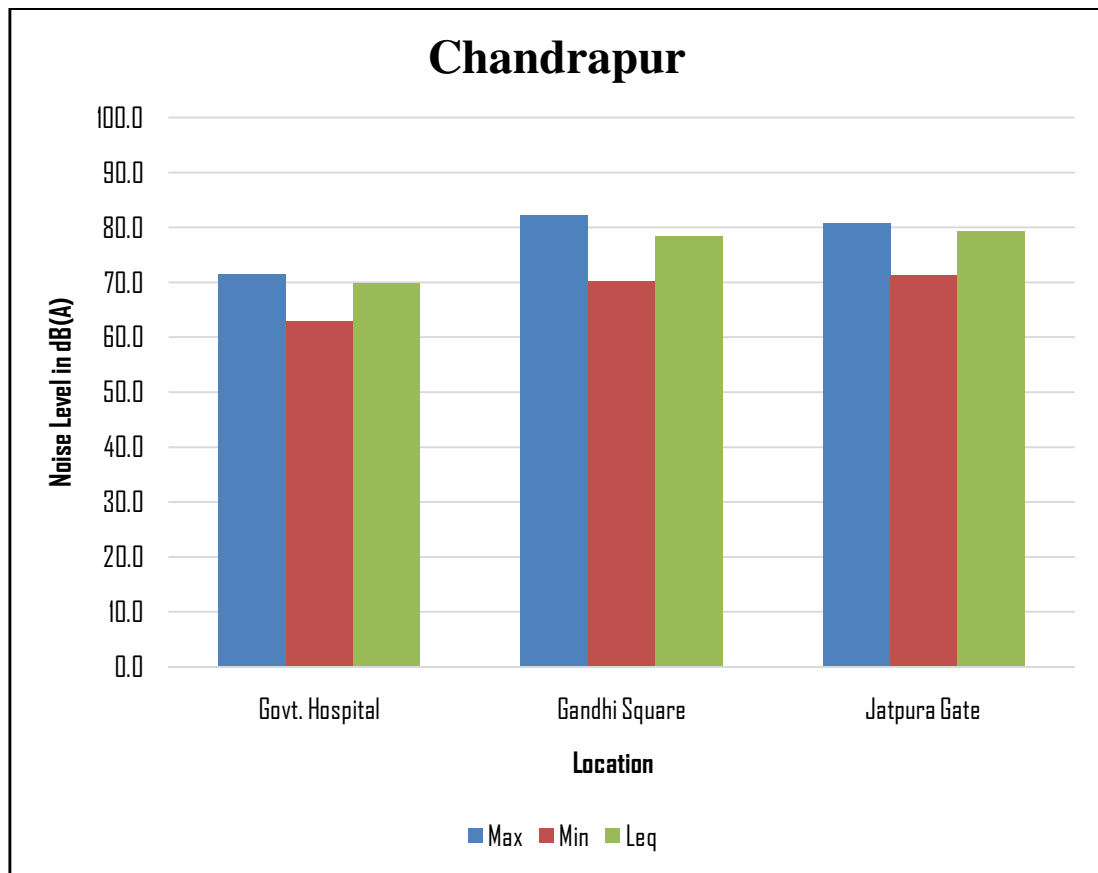
Hourly Noise levels on 5th September, 2017 in Bhiwandi-Nizampur


17. Chandrapur

In Chandrapur region the highest noise level was observed at Gandhi Square with 100.2 dB(A) and the reason for increase in noise level was due to traffic due to Ganesh Visarjan.

Table 8.17: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Chandrapur

Location	L_{max}	L_{min}	L_{eq}
Govt. Hospital	87.1	81.4	85.3
Gandhi Square	103.4	92.7	100.2
Jatpura Gate	99.0	92.8	95.9

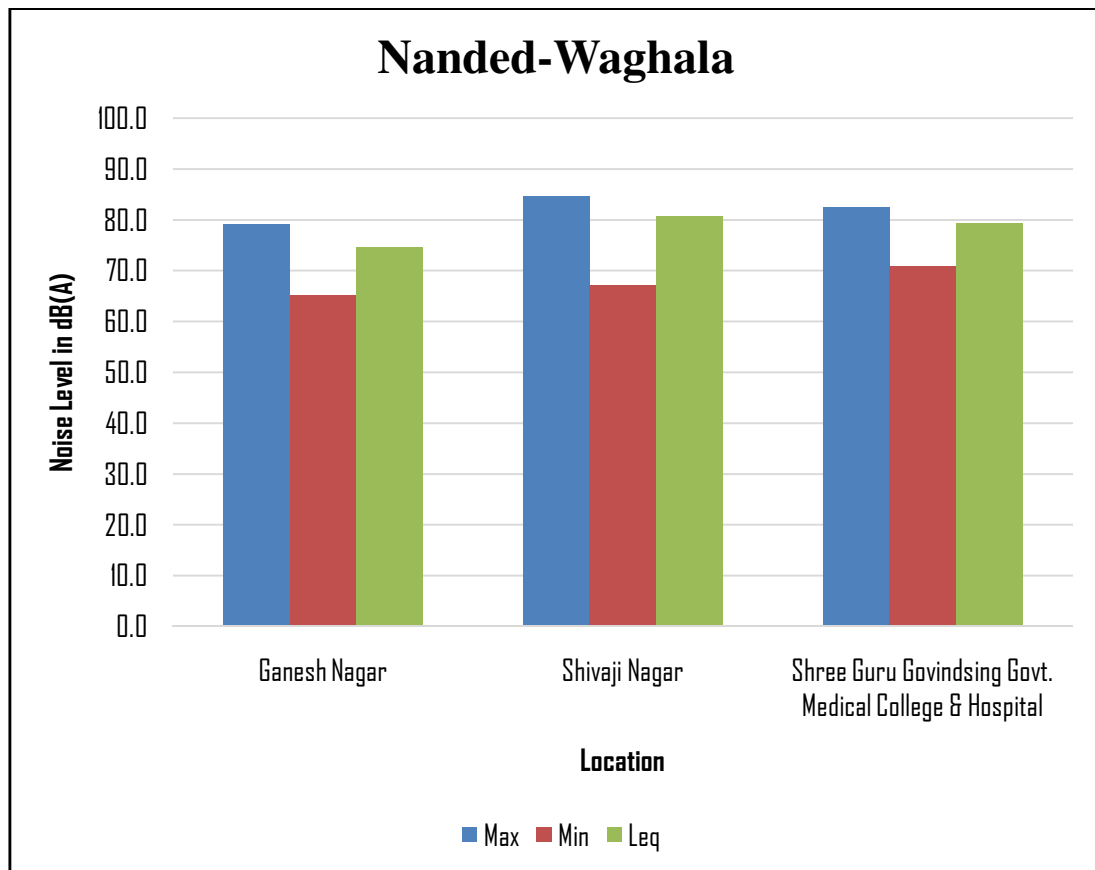
Hourly Noise levels on 5th September, 2017 in Chandrapur


18. Nanded-Waghala

At Nanded-Waghala the highest noise level was also observed at Shivaji Nagar with 80.7 dB(A) and the increase in noise level was due to the traffic caused due to the possession for Ganesh Visarjan.

Table 8.18: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Nanded-Waghala

Location	L_{max}	L_{min}	L_{eq}
Ganesh Nagar	79.1	65.2	74.8
Shivaji Nagar	84.7	67.2	80.7
Shree Guru Govindsing Govt. Medical College & Hospital	82.6	70.9	79.4

Hourly Noise levels on 5th September, 2017 in Nanded-Waghala


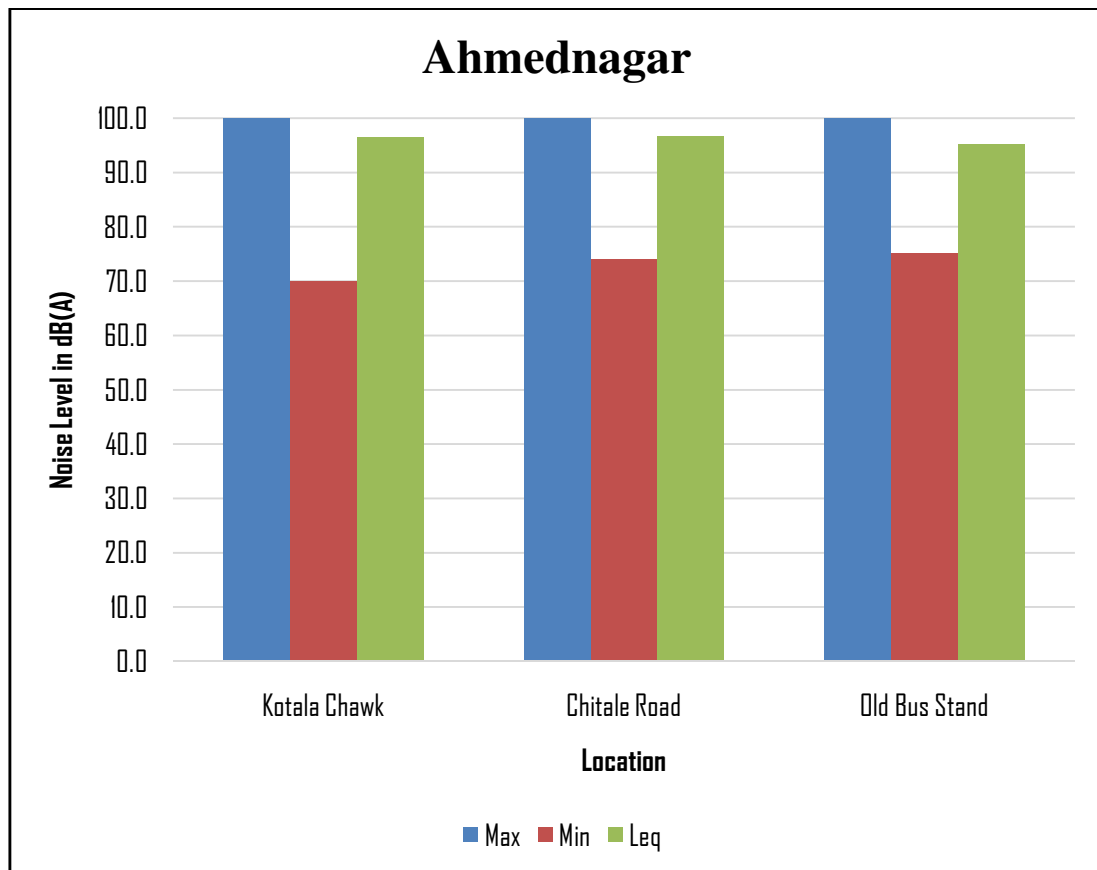
19. Ahmednagar

The highest noise level in Ahmednagar was observed at Kotala Chawk with 96.5 dB(A) and the increase in noise was mainly due to traffic due to the possession and use of loud speakers.

Table 8.19: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Ahmednagar

Location	L_{max}	L_{min}	L_{eq}
Kotala Chawk	100.5	70.1	96.5
Chitale Road	101.4	74.1	96.8
Old Bus Stand	100.4	75.2	95.2

Hourly Noise levels on 5th September, 2017 in Ahmednagar

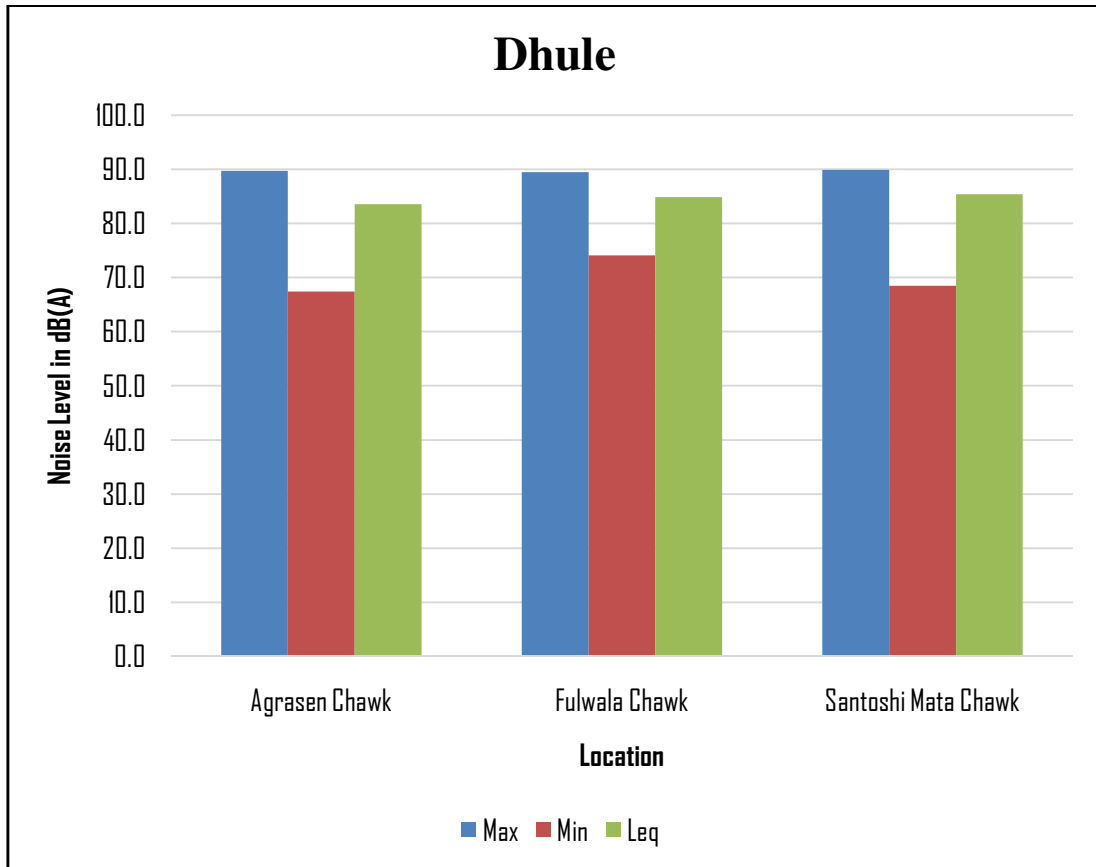


20. Dhule

At Dhule the highest noise level was observed at Santoshi Mata Chowk only on 5th September also with 85.4 dB(A). The increase in noise level was mainly due to the crowd gatherings and prayers and the traffic due to the same.

Table 8.20: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Dhule

Location	L_{max}	L_{min}	L_{eq}
Agrasen Chawk	89.7	67.4	83.6
Fulwala Chawk	89.5	74.1	84.9
Santoshi Mata Chawk	89.9	68.5	85.4

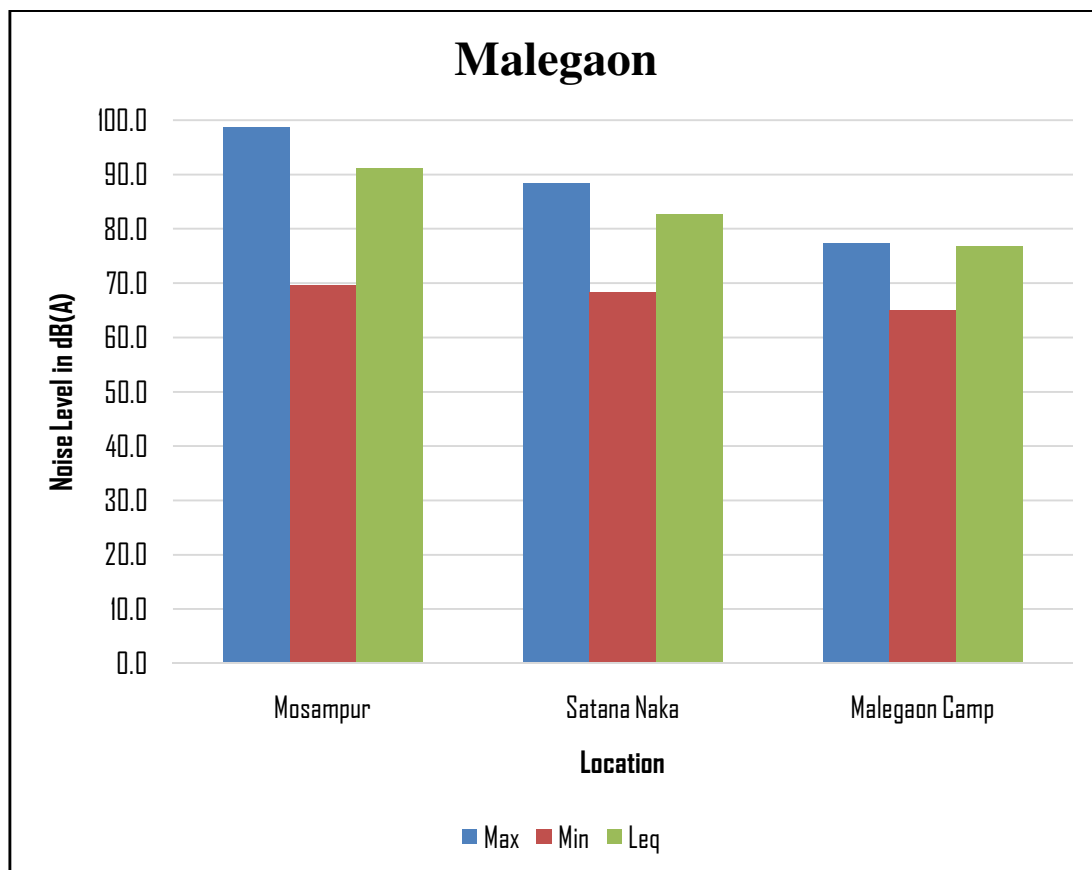
Hourly Noise levels on 5th September, 2017 in Dhule


21. Malegaon

The highest noise level at Malegaon region was observed at Mosampur with 91.1 dB(A). The reason for increase in noise pollution is due to traffic and loud speakers at pandals located nearby.

Table 8.21: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Malegaon

Location	L_{max}	L_{min}	L_{eq}
Mosampur	98.7	69.7	91.1
Satana Naka	88.4	68.4	82.8
Malegaon Camp	77.4	65.1	76.8

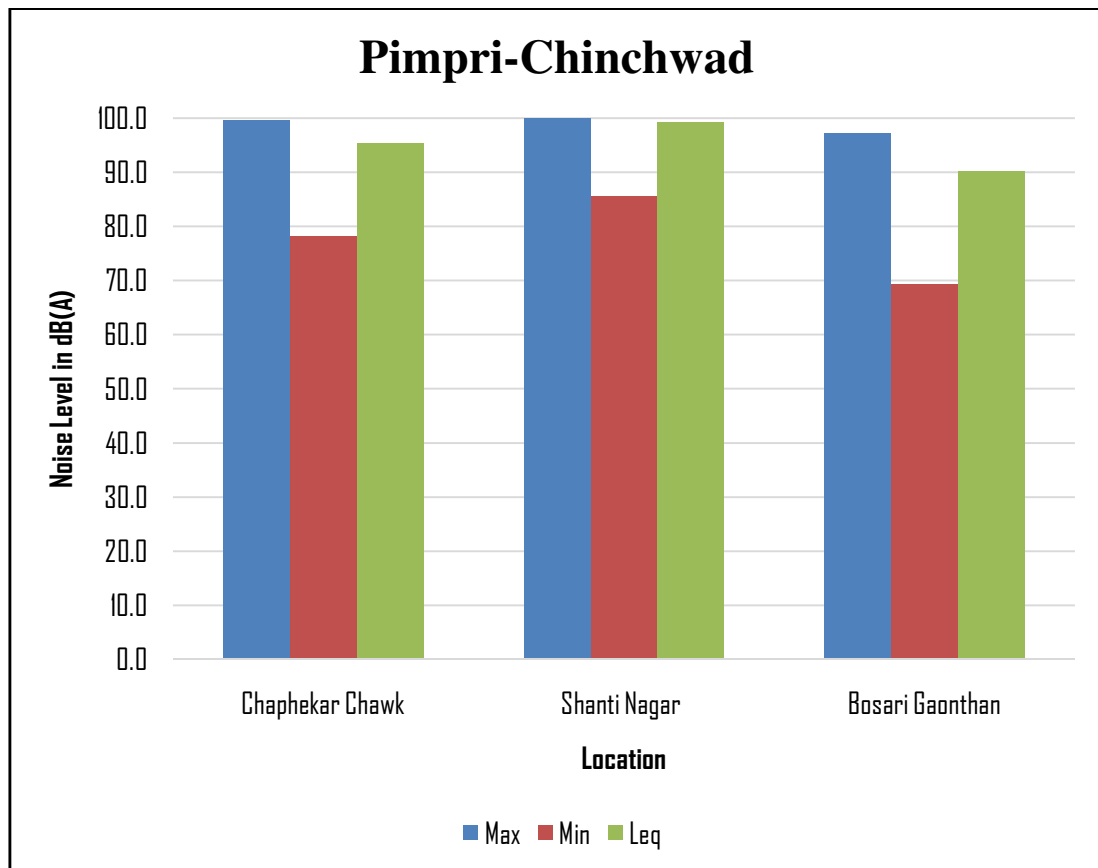
Hourly Noise levels on 5th September, 2017 in Malegaon


22. Pimpri-Chinchwad

In Pimpri-Chinchwad the highest noise level was observed at Shanti nagar with 99.3 dB(A) and the reason for increase in noise level is due to the traffic congestion and Visrajan possession.

Table 8.22: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Pimpri-Chinchwad

Location	L_{max}	L_{min}	L_{eq}
Chaphekar Chawk	99.7	78.3	95.5
Shanti Nagar	103.7	85.6	99.3
Bosari Gaonthan	97.3	69.4	90.3

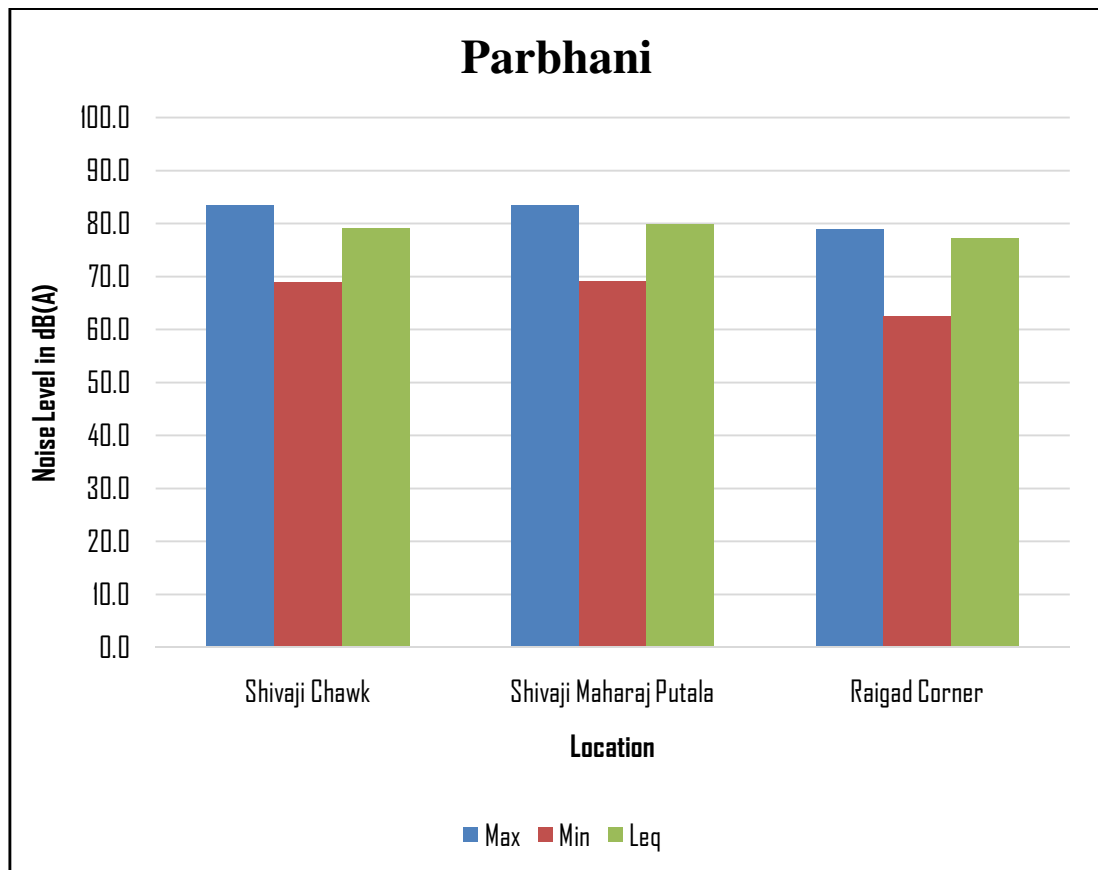
Hourly Noise levels on 5th September, 2017 in Pimpri-Chinchwad


23. Parbhani

The highest noise level in Parbhani region was observed at near Shivaji Maharaj Putala with 79.9 dB(A) and the increase in noise level was due to traffic congestion.

Table 8.23: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Parbhani

Location	L_{max}	L_{min}	L_{eq}
Shivaji Chawk	83.4	69.0	79.1
Shivaji Maharaj Putala	83.5	69.1	79.9
Raigad Corner	78.9	62.5	77.2

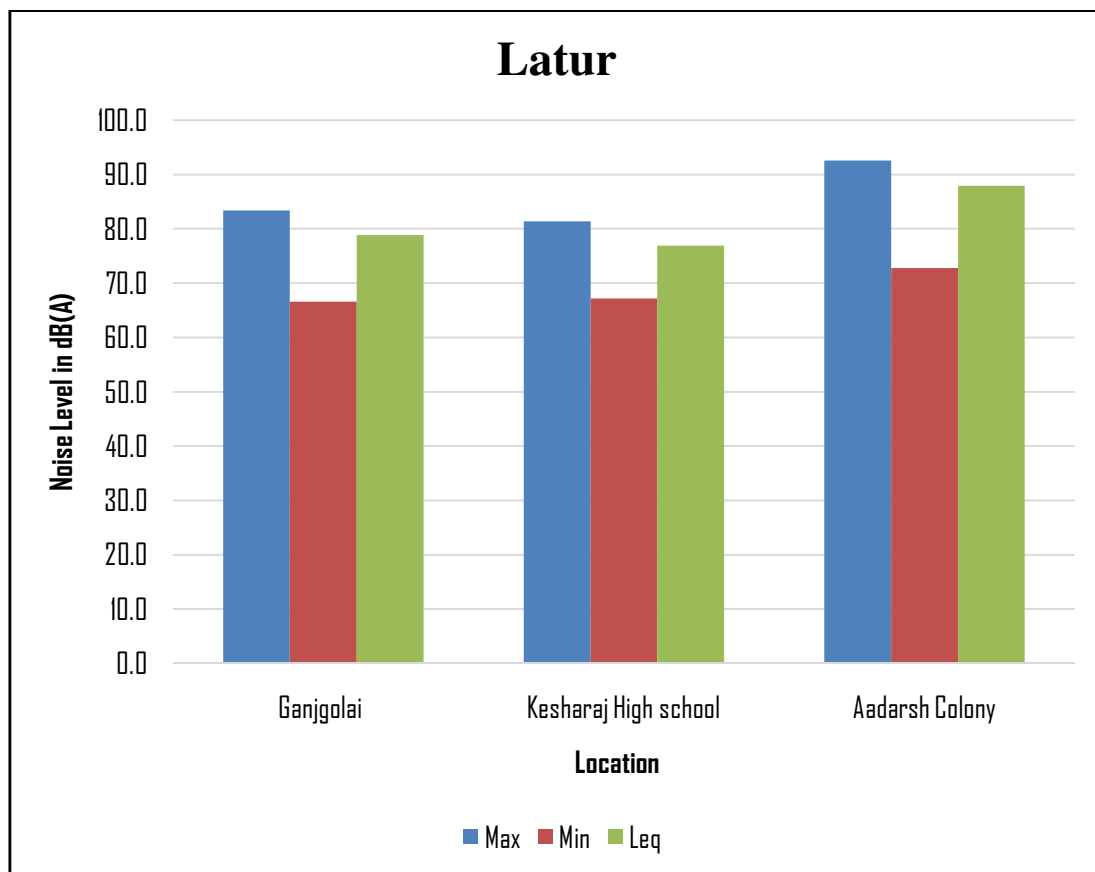
Hourly Noise levels on 5th September, 2017 in Parbhani


24. Latur

At Latur the highest noise level was observed at Adarsh colony with 87.9 dB(A) and the reason was use of loud speakers and drums during the possession and traffic.

Table 8.24: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Latur

Location	L_{max}	L_{min}	L_{eq}
Ganjgolai	83.4	66.6	78.8
Kesharaj High school	81.4	67.2	76.9
Aadarsh Colony	92.6	72.8	87.9

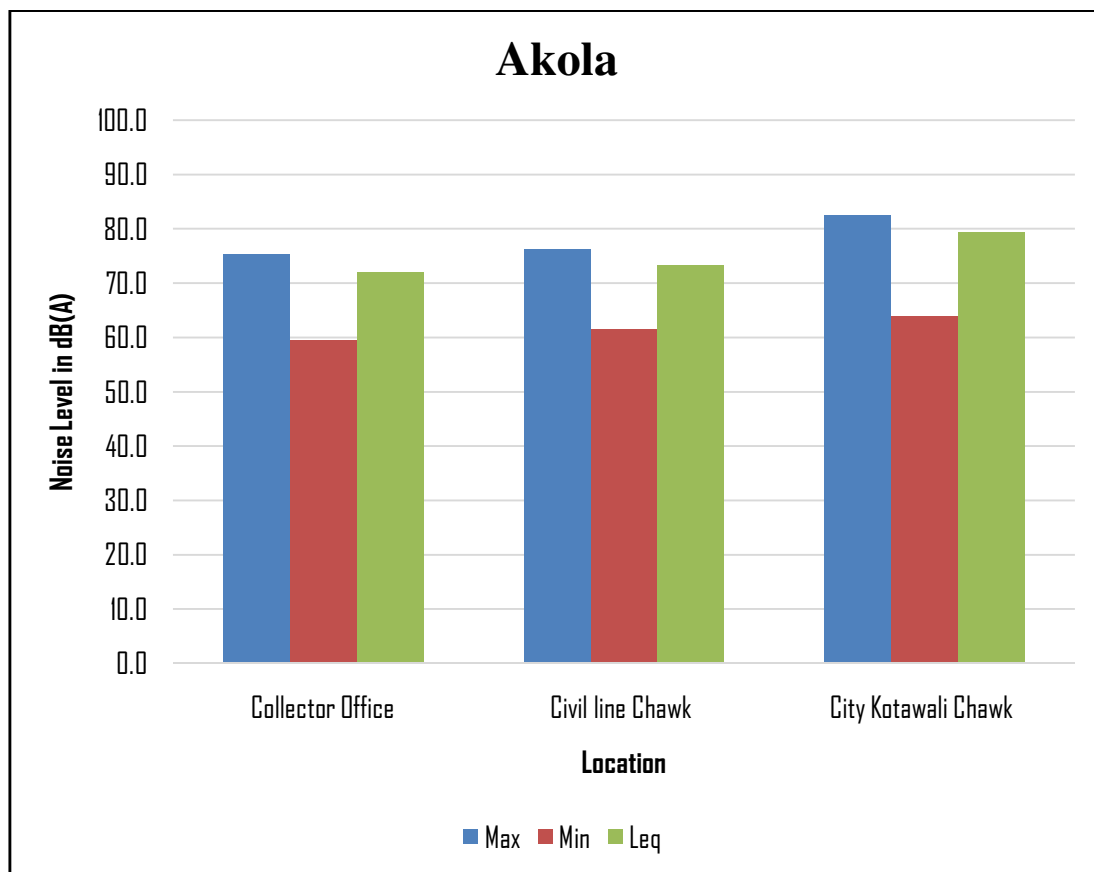
Hourly Noise levels on 5th September, 2017 in Latur


25. Akola

City Kotawali Chawk with 79.5 dB(A) had the highest noise level in Akola region and the increase in noise level was due to traffic.

Table 8.25: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Akola

Location	L_{max}	L_{min}	L_{eq}
Collector Office	75.3	59.6	71.9
Civil line Chawk	76.3	61.6	73.3
City Kotawali Chawk	82.6	64.0	79.5

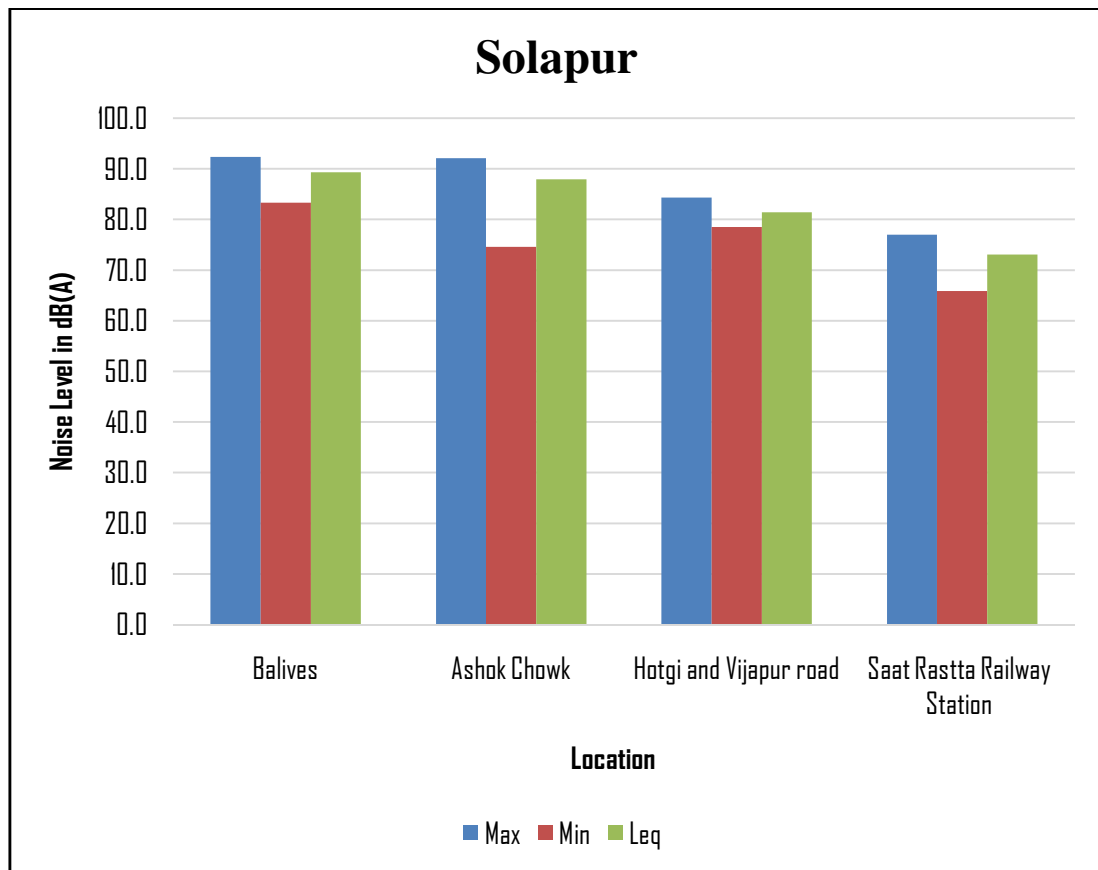
Hourly Noise levels on 5th September, 2017 in Akola


26. Solapur

Balives was found to have the highest noise level with 89.3 dB(A) and the increase in noise level was mainly due to the traffic and crowd.

Table 8.26 : Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Solapur

Location	L_{max}	L_{min}	L_{eq}
Balives	92.3	83.3	89.3
Ashok Chowk	92.1	74.6	87.9
Hotgi and Vijapur road	84.3	78.5	81.4
Saat Rastta Railway Station	77.0	65.9	73.0

Hourly Noise levels on 5th September, 2017 in Solapur


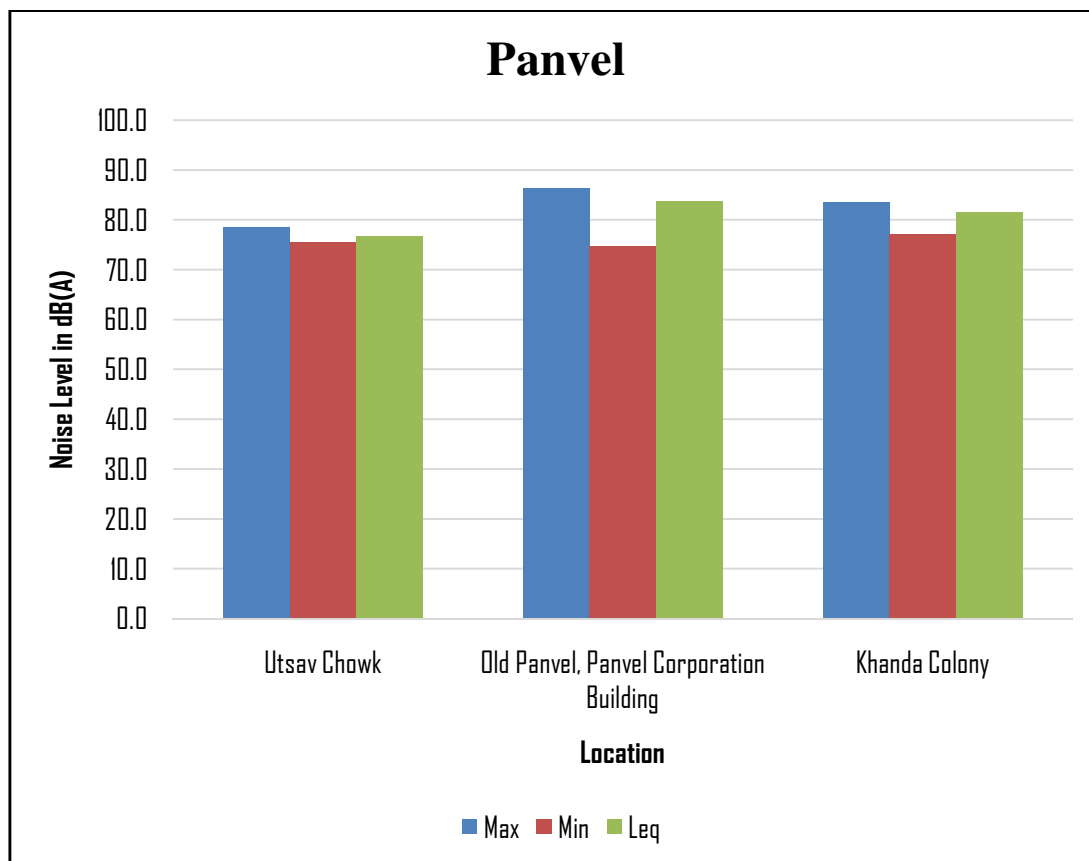
27. Panvel

The highest noise level of 83.9 dB(A) was observed at Panvel Corporation Building on and the reason for the increase in noise level was due to traffic due to the possession.

Table 8.27: Equivalent Continuous (L_{eq})dB(A), Minimum (L_{min}) and Maximum (L_{max}) Noise Levels on 5th September, 2017 in Panvel

Location	L_{max}	L_{min}	L_{eq}
Utsav Chowk	78.6	75.5	76.7
Old Panvel, Panvel Corporation Building	86.5	74.8	83.9
Khanda Colony	83.6	77.1	81.6

Hourly Noise levels on 5th September, 2017 in Panvel



Comparative Study of Noise levels

Comparative study of the last to years, i.e. 2016 – 2017 shows that the average noise levels in all the cities are lesser this year in almost all the regions.

Comparative study shows the following results in different cities of Maharashtra:

Mumbai: Comparative study shows that this year the noise level was observed higher in only Kandivali (W) as compared to last year. All other region showed lesser noise level this year.

Navi Mumbai: The noise level in Navi Mumbai was lesser in all location this year than previous year on all 5 days.

Thane: In Thane, the noise level was higher at Wagle Estate- Raila Devi Lake on the second and fourth day of monitoring and at Main Road- Gaondevi Mandir, Naupada on the third day of noise monitoring.

Pune: There was increase in noise level at Mahatma Phule Madai and Satara Road on the first and third day of noise monitoring respectively.

Nashik: The noise level of Nashik was higher at CBS and River Bank of Waldevi on the second and last day of noise monitoring respectively.

Aurangabad: The noise level in Aurangabad on the first day of monitoring was high as compared to the previous year.

Nagpur: The observed noise level was more or less the same as observed last year.

Kalyan: Bhiwandi and Ulhasnagar station was observed with average high noise levels this year.

Amravati: The noise level in Amravati remained the same as previous year with no increase or decrease.

Jalgaon: In Jalgaon, the average noise level have increased in the last day of monitoring as compared to last two years.

Kolhapur: The average highest noise level in Kholapur this year was observed at Mahalaxmi Mandir.

Satara: In Satara, there was no difference in the noise level observed as compared to last year.

Annexure V Noise Levels during Ganesh Festival for last 2 years in different cities of Maharashtra

Conclusion

This year 135 locations from 27 Municipal Corporation of Maharashtra for 5 days period during Ganesh Festival i.e. on 25th, 26th, 29th, 31st August & 5th September 2017 for 6 hours from 6 PM to 12 AM for each location which comprise of residential, commercial and silence zone. There was a significant decrease in the noise levels observed in almost all areas

Municipal Corporation like Mumbai, Pune, Thane, Kalyan, Nagpur etc. showed tremendous decrease in the noise levels. The main noise level increase is more due to the increase in traffic and lesser due to the festival. People are becoming more and more aware about the ill-effect of the noise pollution which have given such good returns. It should also be noted that police also was very active in controlling the noise level this year.

The awareness of noise pollution is increased within the public through different media like newspaper, television etc. Many people celebrate an Eco friendly Ganesh Festival to control environmental pollution. The decrease in noise pollution is also a result of this awareness.

Definitions

A-Weighting

"A-weighting" is the frequency weighting characteristic as specified in IEC 123 or IEC 179 and intended to approximate the relative sensitivity of the normal human ear to different frequencies (itches) of sound.

A-weighted Sound Pressure Level

The "A-weighted sound pressure level" is the sound pressure level modified by application of the A-weighting. It is measured in dBA, A-weighted, and denoted as dBA.

Decibel

The "decibel" is a dimensionless measure of sound level or sound pressure level; see sound pressure level.

Equivalent Sound Level

The "equivalent sound level" sometimes denoted L_{eq} , is the value of the constant sound level which would result in exposure to the same total A-weighted energy as would the specified time-varying sound, if the constant sound level persisted over an equal time interval. It is measured in dBA.

Fast Response

"Fast response" is a dynamic characteristic setting of a sound level meter meeting the applicable specifications.

Percentile Sound Level

The "x percentile sound level", designated L_x , is the sound level exceeded x percent of a specified time period, It is measured in dBA.

Sound

"Sound" is an oscillation in pressure, stress, particle displacement or particle velocity, in a medium with internal forces (e.g. elastic, viscous), or the superposition of such propagated oscillations, which may cause an auditory sensation.

Sound Level

"Sound level" is the A-weighted sound pressure level.

Sound Level Meter

A "sound level meter" is an instrument which is sensitive to and calibrated for the measurement of sound.

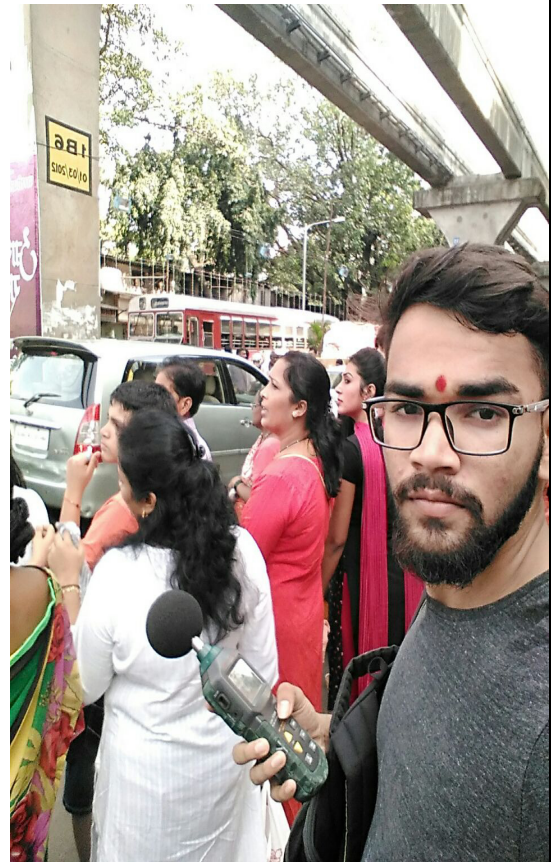
Sound Pressure Level

The "sound pressure level" is twenty times the logarithm to the base 10 of the ratio of the effective pressure (p) of a sound to the reference pressure (P_r) of 20 μ Pa. Thus the sound pressure level in dB = $20 \log_{10} P/P_r$.

Glimse of the Event



Khar, Mumbai



Chinchpokali (W), Mumbai



Dadar East, Mumbai



Santacruz, Mumbai



Juhu Chowpati, Mumbai



Andheri, Mumbai



Khadakpada Chawk, Kalyan



CHM college, Mumbai



Balaji Nagar, Pune



Khadki, Pune



Chinchwad, Pune



Laxmi Road, Pune



Swargate, Pune



Pune University, Pune



City Chowk, Aurangabad



Ganesh nagar, Nanded



Shivaji nagar, Nanded



CIDCO, Aurangabad



Shivaji Chowk, Parbhani



Raigad Corner, Parbhani



Miraj Market, Sangli



Civil Line, Jalgaon



Miraj Market, Sangli



**Jatpura Gate, Chandrapur
MPCB FO Mr.Kushal Aucharmal and
Mr.P. N. Dhumal**



**Govt. Hospital, Chandrapur
MPCB FO Mr.S. G. Karankar**



**Gandhi Square Muncipal
Corporation, Chandrapur
MPCB FO Mr.S. G. Karankar**

ANNEXURE I

Annexure I - Detailed list of locations

Sr. No.	City	Location name (details)
1.	Mumbai	Andheri - Azad Nagar, Sarvajanik Utsav Samiti
		Bandra - Sarvajanik Ganeshutsav Mandal
		Bhandup - Jay Bajrang Mitra Mandal
		Borivali - Manav Mitra Mandal
		Byculla - Sarvajanik Ganeshutsav mandal
		Chembur (East) - Near Ashish Talao / Ashish Theatre
		Chembur (West) - Sahyadri Krida Mandal Tilak Nagar
		Chinchpokali (E) - Lalbaug Raja Sarvajanik Ganeshutsav Mandal
		Chinchpokali (W) - Parsiwadi Mitra Mandal
		Dadar (East) - Khodadad Circle, Dadar TT
		Dadar (West) - Sai Ganesh Sadan, Senapati Bapat Marg, Sarvajanik Ganeshutsav Mandal, Sunder Nagar
		Elphinstone - Shiv Sai Sarvajanik Ganeshutsav Mandal, B.M. Marg
		Ghatkopar - Amar Mitra Mandal, Tilak nagar
		Girgaon Chowpati - Akhil Chowpati Bhirvi Lane, Sarvajanik Ganeshutsav Mandal
		Grant Road - Saltar Road Sarvjanik Ganeshutsav Mandal
		Juhu Chowpati - Om Kareshver Shiv Mandir (Trust)
		Kandivali (East) - Thakur Village
		Kandivali (W) - Balla Mitra Mandal
		Khar - Sarvajanik Ganeshutsav Mandal
		Mulund - Sargam Mitra Mandal
		Mumbai Central - Belasis Road, B.I.T. Chawl
		Parel - Sarvajanik Ganeshutsav Mandal Bal Gopal Mandal
		Santacruz (East) - Milan Subway, Neet & Geet Society
Vikhroli - Balmitra Kala Mandal		
Wadala - G.B.S. Sarvajanik Ganeshutsav Mandal, Shree Ram Mandir		
2.	Navi Mumbai	Airoli - Traffic Police Chouki (before Mulund Airoli Bridge)
		CBD Belapur - MGM Hospital Chowk, Near Police Chowki
		Kopar Khairane - Sector-10, D-Mart Main Road
		Uran - Ganpati Chowk
		Vashi - Shivaji Chowk Near Bus Depot
3.	Thane	Gokhale Road-Malhar Cinema
		Jambli Naka- Lake immersion Point
		Main Road- Gaondevi Mandir, Naupada
		Pokhran Road- Vartak Nagar Chowk
		Wagle Estate- Raila Devi Lake
		Court Naka
		Mental Hospital
		Bedekar Hospital
		Kalwa- Chatarpati Shivaji Maharaj Hospital

Sr. No.	City	Location name (details)
4.	Pune	Shivaji Nagar (Sakhar Sankul)
		Karve Road (Nul stop)
		Swar Gate (Tilak Road)
		Satara Road (Balaji Nagar)
		Shaniwar Peth (Shanivar Wada)
		Yerawada (Near Gunjan Theatre)
		Laxmi Road (Shagun Chowk)
		Kothrud (Near Shivaji Putala)
		Mahatma Phule Madai (Near Mandai)
		Sarus Baug (Mitra Mandal Chowk)
		Hadapsar (Nera Bhaji Mandai)
		Parvati
		Koregaon Park
		Khadaki (Near Bazar)
		M G Road (Babajan Chowk)
		University Road Chowk
		Aundh Parihar Chawk
		Thergaon (Dange Chowk)
		Navi Sangavi (Krushna Chauk)
VishrantWadi		
5.	Nashik	Nashik Road/ Ramkund on - 05.09.2017
		Panchvati/ Near Ashok Stambh on - 05.09.2017
		Civil Hospital / Near Gadge Maharaj Statue on - 05.09.2017
		Trimurty Chowk / River Bank of Waldevi on - 05.09.2017
		Satpur Bus Stand / CIDCO (Behind PF Off.) on - 05.09.2017
6.	Aurangabad	Gulmandi
		City Chowk
		Kranti Chowk
		CIDCO Residential
		Usmanpura
7.	Nagpur	Ramdaspath (KRIMS Hospital) /(Sonegaon lake on - 05.09.2017)
		Cotton Market (Jayshree Talkies) / (Gandhisagar on - 05.09.2017)
		Golibar Chauk / (Futala lake on - 05.09.2017)
		Reshimbag (Saraswati Vidyalaya) / (Sakkardara lake on - 05.09.2017)
		Gandhiputala (Taori TV Showroom) / (Naik lake on - 05.09.2017)
8.	Kalyan	Khadakpada Chawk
		Shivaji Chawk
		Ulhasnagar Station
9.	Amaravati	Bhudhwara
		Rajkamal Square
		Irvin Hospital Square
10.	Jalgaon	Subhash Chowk
		Shashtri Tower Chowk

Sr. No.	City	Location name (details)
		Shanipeth Police Station
11.	Kolhapur	Rajaram Puri (Near Rajaram Puri)
		Mahalaxmi Mandir
		Khas Baug Maidan (Near Khas Baug Maidan)
12.	Sangli	Miraj Market
		Vishram Baug Chawk
		Gandhi Putala (Ganpati Peth)
13.	Mira-Bhyander	Bhakti Vedant Hospital, Tenkar pada
		Golden police Chawki
		Shivaji Chak Kashi meera
14.	Vasai-Virar	Range office, Satwali, Vasai East
		Valiv phata, Vasai East
		N.B. Estate, Virar West
15.	Ulhasnagar	Gaol Maidan (Commecial & Residentail)
		Doodh Naka, Ulhasnagr sector 5
		CHM college
16.	Bhiwandi-Nizampur	Dhamankar Naka
		Indira Gandhi Memorial Hospital
		Shelar Near Nadi naka
17.	Chnadrapur	Govt. Hospital
		Gandhi Square
		Jatpura Gate
18.	Nanded-Waghala	Ganesh Nagar, Municipal Corpartion, Nanded
		Shivaji Nagar
		Shree Guru Govindsing Govt. Medical College & Hospital, Shivaji Putala, Nanded
19.	Ahmednagar	Kotala Chawk
		Chitale Road
		Old Bus Stand
20.	Dhule	Agrasen Chawk
		Fulwala Chawk
		Santoshi Mata Chawk
21.	Malegaon	Mosampur
		Satana Naka
		Malegaon Camp
22.	Pimpri-Chinchwad	Chaphekar Chawk, Chinchwad Gaon
		Shanti Nagar (Pimri)
		Bosari Gaonthan
23.	Parbhani	Shivaji Chawk
		Shivaji Maharaj Putala, (near S.P. Office)
		Raigad Corner, Jintur road
24.	Latur	Ganjgolai
		Kesharaj High school, Sham nagar, Amba Jogai Road
		Aadarsh Colony, Ausa Road
25.	Akola	Collector Office

Sr. No.	City	Location name (details)
		Civil line Chawk / Ratanlal plot
		City Kotawali Chawk near police station
26.	Solapur	Balives
		Ashok Chowk
		Hotgi and Vijapur road
		Saat Rastta Railway Station
27.	Panvel	Utsav Chowk, Kharghar
		Old Panvel, Panvel Corporation Building
		Khanda Colony, New Panvel

ANNEXURE II

Annexure II - Sound Level Meter

MS 6701, Type II



ANNEXURE III

Annexure III - Noise Pollution (R & C) Rules, 2000 amendment dt. 21st April 2009

ध्वनी प्रदूषण (नियंत्रण व नियमन) नियम, २०००
ची प्रभावीपणे अंमलबजावणी करण्यासाठी
प्राधिकरणाची नियुक्ती करण्याबाबत

महाराष्ट्र शासन

पर्यावरण विभाग, मंत्रालय,

शासन निर्णय क्रमांक : ध्वनीप्र-२००९/प्र.क्र.९५/तांक-१

नविन प्रशासन भवन, १५ वा मजला, मादाम कामा रोड, मुंबई - ४०० ०३२

दिनांक: २१ एप्रिल, २००९

- वाचा - १) शासन निर्णय क्रमांक : ध्वनीप्र-२०००/प्र.क्र.२४/तांक ३, दिनांक १६ ऑगस्ट, २००० आणि दिनांक १५ जून, २००१
२) मे. उच्च न्यायालयाच्या मुंबई खंडपीठामध्ये दाखल करण्यात आलेल्या सार्वजनिक हिताच्या याचिका क्र. (१) २०५३/२००३, (२) ७४/२००७, (३) ८५/२००७ आणि (४) १/२००९ मधील दिनांक २६/२/२००९ चे आदेश

प्रस्तावना :-

पर्यावरण विभाग, शासन निर्णय क्र. एन.पी./२०००/२४/क्र.३, दिनांक १६/८/२००० व दिनांक १५/०६/२००१ रोजी ध्वनी प्रदूषण (नियंत्रण व नियमन) नियम, २००० च्या २ (क) नुसार, राज्यातील पोलीस आयुक्त असलेल्या शहरामध्ये पोलीस उप आयुक्त व इतर ठिकाणी जिल्हा पोलीस अधीक्षक यांना एक सदस्य प्राधिकरण म्हणून ध्वनी प्रदूषण नियमाची अंमलबजावणी करण्यासाठी नियुक्ती करण्यात आली आहे.

मा. उच्च न्यायालय, मुंबई खंडपीठाने वरील याचिकांमध्ये महाराष्ट्र शासन व इतर विभागांनी ध्वनी प्रदूषण (नियंत्रण व नियमन) नियम, २००० ची प्रभावी अंमलबजावणी करण्याकरीता दिनांक २६/२/२००९ रोजी ठराविक निर्देश दिलेले आहेत. त्यानुसार स्थानिक स्वराज्य संस्थांनी शहरी भागात शांतता झोन जाहीर करणे आवश्यक आहे.

शासन निर्णय :-

१) मा. उच्च न्यायालयाच्या आदेशानुसार तसेच ध्वनी प्रदूषण (नियंत्रण व नियमन) नियम, २००० च्या कलम ३ (५) नुसार स्थानिक स्वराज्य संस्थांनी शहरी भागात शांतता झोन त्वरीत जाहिर करून योग्य ते आदेश काढावेत. तसेच शहरात शांतता झोनचे फलक लावून आदेशाची प्रभावी अंमलबजावणी करण्यासाठी योग्य ती प्रसिध्दी करावी.

- १) शैक्षणिक संस्थांच्या सभोवताली १०० मीटर क्षेत्र
- २) सर्व न्यायालयांच्या सभोवतीली १०० मीटर क्षेत्र
- ३) रुग्णालयांच्या सभोवताली १०० मीटर क्षेत्र

२) ध्वनी प्रदूषणाची वाढती पातळी व निरनिराळे प्रदूषण स्रोत विचारात घेता, शासनाच्या निरनिराळ्या विभागांनी सद्यःस्थितीत ते राबवीत असलेल्या नियमाद्वारे ध्वनी प्रदूषण नियंत्रण व नियमनाची अंमलबजावणी करावी. त्याकरिता परिशिष्ट १ मध्ये नमूद केल्याप्रमाणे, शासनाच्या संबंधित विभागांच्या अधिपत्याखालील संस्थांच्या अधिकाऱ्यांना पदनाम प्राधिकरण म्हणून जाहीर करण्यात येत आहे. याबाबत संबंधीत

रोटा/एच-०१००[५००-५-२००९]-१

विभागांनी स्वतंत्र आदेश निर्गमित करावेत. सदर प्राधिकरण, ते राबवित असलेल्या नियमांच्या तरतुदीनुसार तसेच ध्वनी प्रदूषण (नियंत्रण व नियमन) नियम, २००० च्या तरतुदीनुसार ध्वनी प्रदूषण नियंत्रण व नियमनाची कार्यवाही करण्यास सक्षम असेल.

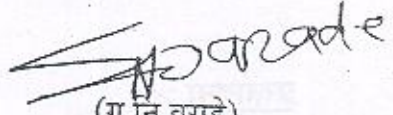
A.

३) ध्वनी प्रदूषण करणारे उपकरणे / स्रोत जसे D.G. Sets (15-500 KVA); Coal Washeries ; Fire Crackers Generator Sets with Diesel (upto 1000 KVA) manufactured on or after 1st July, 2003 ; Vehicles a manufacturing stage from the year, 2003 and 1st April, 2005 respectively as well as Noise Limits for Automobiles and Domestic appliances and construction equipments at the manufacturing stage laid down under the provisions of the Environment (Protection) Act, 1986 and Rules made there under इत्यादींची, सभोयतालच्या हवेतील ध्वनी प्रदूषण गुणवत्तेच्या विहित मर्यादा परिशिष्ट २ मध्ये नमूद केल्याप्रमाणे असेल.

४) या शासन निर्णयान्वये, पर्यावरण विभागाने यापूर्वी दिनांक १६ ऑगस्ट, २००० आणि दिनांक १५ जून, २००१ रोजी या विषयाबाबत निर्गमित केलेला शासन निर्णय खारीज करण्यात येत आहे. हा शासन निर्णय निर्गमित झाल्याच्या दिनांकापासून लागू राहील.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

B.


(ग.नि.वराडे)

संचालक (पर्यावरण)

प्रत माहितीसाठी :-

मा.मुख्यमंत्र्यांचे प्रधान सचिव

मा.उपमुख्यमंत्र्यांचे प्रधान सचिव

मा. मुख्यसचिव

अतिरिक्त मुख्यसचिव, गृह विभाग, मंत्रालय

अतिरिक्त मुख्यसचिव, सार्वजनिक आरोग्य विभाग, मंत्रालय

प्रधान सचिव (अ. व सु.), गृह विभाग

प्रधान सचिव, नगर विकास विभाग (१), मंत्रालय

प्रधान सचिव, नगर विकास विभाग (२), मंत्रालय

प्रधान सचिव, महसूल विभाग, मंत्रालय

प्रधान सचिव, उच्च व तंत्रशिक्षण विभाग, मंत्रालय,

प्रधान सचिव, शालेय शिक्षण विभाग, मंत्रालय

सचिव, गृह विभाग (परिवहन),

सचिव, पर्यावरण

मा. मंत्री (पर्यावरण), यांचे खाजगी सचिव,

मा. राज्यमंत्री (पर्यावरण), यांचे खाजगी सचिव,

सर्व मा. मंत्री / राज्यमंत्री यांचे खाजगी सचिव

सर्व जिल्हाधिकारी

सर्व पोलीस आयुक्त / उप आयुक्त

सर्व जिल्हा पोलीस अधिक्षक / उप अधिक्षक

पर्यावरण विभाग सर्व अधिकारी / कार्यासन / निवडनस्ती - तांक १

परिशिष्ट - १

एच-०१०० -१३

ध्वनी प्रदूषण व नियमन व नियंत्रणाची अंमलबजावणी करण्यासाठी शासनाच्या अधिपत्याखाली असलेल्या संस्थांमधील संबंधीत अधिका-याची पदनाम प्राधिकरण म्हणून नियुक्ती

Sr. No	Officer /Agency	Concerned Department	Duties
1.	District Magistrate, Sub-Divisional Magistrate,	Revenue	Corresponding Rules for the enforcement of the Noise Pollution Control measures within their respective jurisdiction.
2.	Police Commissioner or any other officer not below the rank of the Deputy Superintendent of Police designated for the maintenance of Ambient Air Quality Standards, as mentioned in the Rule 2(c) of Noise Pollution(Regulation and Control) Rules, 2000.	Home	The Police Authorities will be responsible for initiating further legal actions in respect of the violations..
3.	Municipal Commissioner, Additional/Deputy Municipal Commissioner/ Chief Officer of Municipal Council/Committee Govt. of Maharashtra not below the rank of the Deputy Superintendent of Police.	Urban Development	<p>Corresponding Rules for the enforcement of noise standards laid down under the Environment (Protection) Rules, 1986 at source for construction projects, utilities for buildings (ACs, DG sets etc.), domestic appliances, development and other activities in their jurisdiction.</p> <p>The urban local bodies shall be responsible for demarcation of the silent zones as per the Noise Rules, 2000 and displaying the same adequately.</p> <p>The urban local bodies shall include an Action Plan for noise control in the Environmental Status Report submitted by them annually, including noise monitoring and noise mapping studies.</p> <p>The Local Body and Urban Development Deptt., Govt. of Maharashtra will not grant any permissions for development activities in consistent with or in conflict with the categorization of zone. In case of overlapping zones, stringent standards will prevail over in that particular area.</p>
4.	Registrar /Head Master of the Educational Institutions duly approved by the concerned Government not below the rank of the Deputy Superintendent of Police	Higher & Technical Education/ School Education	Corresponding Rules for the enforcement and maintenance of the Ambient Noise Standards laid down for domestic appliances, automobiles etc. in respect of any activity in its jurisdiction.
5.	Dean/Superintendent of the Government Hospitals not below the rank of the Deputy Superintendent of Police	Public Health	Corresponding Rules for the enforcement and maintenance of the Ambient Noise Standards laid down for domestic appliances, automobiles etc. in respect of any activity in its

6.	Head of M.M.R.D.A., M.S.R.D.C., C.I.D.C.O., having local jurisdiction constituted under various Laws and Public Works Department.	Urban Development	jurisdiction. Corresponding Rules for the enforcement and maintenance of Noise Standards laid down under the Environment (Protection) Rules, 1986 at source for construction projects, utilities for buildings (ACs, DG sets etc.), domestic appliances, development and other activities in their jurisdiction These Developmental Authorities should include adequate noise abatement measures in their project activities such as noise barriers to the bridges and flyovers, tree plantation for roads etc.
7.	Member Secretary and any officer Maharashtra Pollution Control Board not below the rank of the Deputy Superintendent of Police	Environment Department	(i) Monitoring of Ambient Noise Levels in case of specific requests from other authorities referred in the table and communicating the results to the respective Authorities for further necessary action at their end. (ii) For the enforcement of Noise Pollution Control Measures and Standards in industrial areas.
8.	(i) Any officer from the State Transport Department / Deputy Regional Transport Officer in their respective jurisdiction not below the rank of the Deputy Superintendent of Police (ii) Head of Maharashtra State Road Transport Corporation or any officer/ Depot Manager not below the rank of the Deputy Superintendent of Police. (iii) Traffic Police Authorities not below the rank of the Deputy Superintendent of Police	Home Department (Transport)	Enforcement and maintenance of the Noise Standards laid down under Environment (Protection) Rules, 1986 and Motor Vehicles Act, 1939 for the new and operating vehicles within their respective jurisdiction. The noise levels generated by the in-use vehicles should be monitored while grant of Pollution Under Control Certificate.

परिशिष्ट- २

Schedule
(Under rule 3(1) and 4(1)) of Noise Pollution (Control and Regulation) Rules, 1999

Ambient Air Quality Standards In respect of Noise

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Silence Zone	50	40

- i. Day time shall mean from 6.00 a.m. to 10.00 p.m.
- ii. Night time shall mean from 10.00 p.m. to 6.00 a.m.
- iii. Silence Zone is defined as an area comprising not less than 100 meters around hospitals, educational institutions and courts. The silence zones are zones which are declared as such by the competent authority.
- iv. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in 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 measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq : it is an energy mean of the noise level, over a specified period.

2. Standards / Guidelines for control of Noise Pollution from Stationary Diesel Generator (DG) Sets.

(A) Noise Standards for DG sets (15-500 KVA)

The total sound power level, L_w of a DG set should be less than, $94+10 \log_{10} (KVA)$, dB(A), at the manufacturing stage, where, KVA is the nominal power rating of a DG set. This level should fall by 5 dB(A) every five years, till 2007, i.e. in 2002 and then in 2007

(B) Mandatory acoustic enclosure/acoustic treatment of room for stationary DG sets (5KVA and above).

Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.

The acoustic enclosure / acoustic treatment of the room should be designed for minimum 25 dB (A) Insertion Loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/acoustic treatment. Under such circumstances, the performance may be checked for noise reduction upto actual ambient noise level, preferably in the night time). The measurement for Insertion Loss may be done at different points at 0.5 m from the acoustic enclosure/room, and then averaged.

The DG set should also be provided with proper exhaust muffler with insertion loss of minimum 25dB (A).

- A. (C) **Guidelines for the manufacturers/users of DG sets (5 KVA and above).**
01. The manufacturer should offer to the user a standard acoustic enclosure of 25 dB(A) Insertion Loss and also a suitable exhaust muffler, with Insertion Loss of 25 dB(A).
 02. The user should make efforts to bring down the noise levels due to the D.G. set, outside his premises, within the ambient noise requirements by proper siting and control measures.
 03. The manufacturer should furnish noise power levels of the unsilenced DG sets as per standards prescribed under (A).
 04. The total sound power level of a D.G. set, at the user's end, shall be within 2 dB(A) of the total sound power level of the DG set, at the manufacturing stage as prescribed under (A).
 05. Installation of a DG set must be strictly in compliance with the recommendations of the DG set manufacturer.
 06. A proper routine and preventive maintenance procedure for the DG set should be set and followed in consultation with the DG set manufacturer, which would help to prevent noise levels of the DG set from deteriorating with use.

3. Noise Level Standards for Coal Washeries

Operational / Working Zone -- not to exceed 85 dB(A) Leq for 8 hours exposure.

The Ambient Air Quality Standards in respect of noise as notified under Environment (Protection) Rules, 1986 shall be followed at the boundary line of the coal washery.

Code of Practice of Coal Washery

Water or Water mixed chemical shall be sprayed at all strategic coal transfer points such as conveyors, loading/unloading points etc. As far as practically possible conveyors, transfer points etc. shall be provided with enclosures.

- * The crushers/pulverizers of the coal washeries shall be provided with enclosures, fitted with suitable air pollution control measures and finally emitted through a stack of minimum height of 30m, conforming particulate matter emission standards of 150 mg/Nm³ or provided with adequate water sprinkling arrangement.
- * Water sprinkling by using fine atomizer nozzles arrangement shall be provided on the coal heaps and on land around the crushers/pulverisers.
- * Area, in and around the coal washery shall be pucca either asphalted or concreted.
- * Water consumption in the coal washery shall not exceed 1.5 cubic meter per tonne of coal.
- * The efficiency of the settling ponds of the waste water treatment system of the coal washery shall not be less than 90%.
- * Green belt shall be developed along the road side, coal handling plants, residential complex, office building and all around the boundary line of the coal washery.
- * Storage bunkers, hoppers, rubber decks in chutes and centrifugal chutes shall be provided with proper rubber linings.

* Vehicles movement in the coal washery area shall be regulated effectively to avoid traffic congestion. High pressure horn shall be prohibited. Smoke emission from heavy duty vehicle operating in the coal washeries should conform the standards prescribed under Motor Vehicle Rules, 1989.

4. Noise Standards for fire-crackers

A.(i) The manufacturer, sale or use of fire-crackers generating noise level exceeding 125 dB(A) or 145 dB(C)_{pk} at 4 meters distance from the point of bursting shall be prohibited.

(ii) For individual fire-cracker constituting the series (joined fire crackers), the above mentioned limit be reduced by $5 \log_{10} (N)$ dB, where N=Number of crackers joined together.

B. The broad requirements for measurement of noise from fire-crackers shall be-

(i) The measurements shall be made on a hard concrete surface of minimum 5 meter diameter or equivalent.

(ii) The measurement shall be made in free field conditions i.e., there shall not be any reflecting surface upto 15 meter distance from the point of bursting.

(iii) The measurement shall be made with an approved sound level meter.

C. The Department of Explosives shall ensure implementation of these standards.

5. Noise Limits for Generator Sets run with diesel

Noise limit for diesel generator sets (upto 1000 KVA) manufactured on or after 1st July, 2003

The maximum permissible sound pressure level for new diesel generator (DG) sets with rated capacity upto 1000 KVA, manufactured on or after the 1st July, 2003 shall be 75 dB(A) at 1 meter from the enclosure surface.

The diesel generator sets should be provided with integral acoustic enclosure at the manufacturing stage itself.

The implementation of noise limit for these diesel generator sets shall be regulated as given in below mentioned paragraph.

Requirement of certification

Every manufacturer of engine or every importer of engine or product must have valid certificates of Type Approval and certificates of Conformity of Production for each year, for all engine models being manufactured or for all engines or product models being imported, after the effective date with the emission limit as specified in earlier paragraph.

6. (1) Noise limits for vehicles applicable at manufacturing stage
from the year, 2003.

Sr.No.	Type of Vehicle	Noise Limits dB(A)	Date Implementation of
(1)	(2)	(3)	(4)
1.	Two Wheeler		1 st January, 2003
	Displacement upto 80 cm ³	75	
	Displacement more than 80 cm ³ but upto 175 cm ³	77	
	Displacement more than 175 cm ³	89	
2.	Three Wheeler		1 st January, 2003
	Displacement upto 175 cm ³	77	
	Displacement more than 175 cm ³	80	
3.	Passenger Car	75	1 st January, 2003
4.	Passenger or Commercial Vehicles		1 st July, 2003
	Gross vehicle weight upto 4 tonnes	80	
	Gross vehicle weight more than 4 tonnes but upto 12 tonnes	83	
	Gross vehicle weight more than 12 tonnes	85	

(2) Noise Limits for vehicles at manufacturing stage applicable on and from 1st April, 2005

Sr.No.	Type of vehicles	Noise Limits
1.0	Two Wheelers	
1.1	Displacement upto 80 cc	75
1.2	Displacement more than 80 cc but upto 175 cc	77
1.3	Displacement more than 175 cc	80
2.1	Three Wheelers	
2.1	Displacement upto 175 cc	77
2.2	Displacement more than 175 cc	80
3.0	Vehicles used for the carriage of passengers and capable of having not more than nine seats, including the driver's seat	74
4.0	Vehicles used for the carriage of passengers having more than nine seats including the driver's seat and a maximum Gross Vehicle Weight (GVW) of more than tonnes	
4.1	With an engine power less than 150KW	78
4.2	With an engine power of 150 KW or above	80
5.0	Vehicles used for the carriage of passengers having more than nine seats including the driver's seat: Vehicle used for the carriage of goods.	
5.1	With a maximum GVW not exceeding 2 tonnes	76
5.2	With a maximum GVW greater than 3 tonnes but not exceeding 3.5 tonnes	77
6.0	Vehicles used for the transport of goods with a maximum GVW exceeding 3.5 tonnes	
6.1	With an engine power less than 75 KW	77
6.2	With an engine power of 75 KW or above but less than 150KW	78
6.3	With an engine power of 150 KW or above	80

7. Noise Standards Part E:-

A. Noise limits for Automobiles (Free Field Distance at 7.5 meter in dB(A) at the manufacturing stage.

(a)	Motorcycle, Scooters and Three Wheelers	80
(b)	Passenger Cars	82
(c)	Passenger or Commercial vehicles upto 4 MT	85
(d)	Passenger or Commercial vehicles above 4 MT and Upto 12 MT	89
(e)	Passenger or Commercial vehicles exceeding 12 MT	91

B. Domestic appliances and construction equipments at the manufacturing stage to be achieved by 31st December, 1993.

(a)	Window Air Conditioners of 1 ton to 1.5 ton	68
(b)	Air Coolers	60
(c)	Refrigerators	46
(d)	Diesel generator of domestic purposes	85-90
(e)	Compactors (rollers), Front Loaders, Concrete Mixers, Cranes (moveable), Vibrators and Saws	75

ANNEXURE IV

Annexure IV - Noise Levels during Ganesh Festival for last 2 years in different cities of Maharashtra

Noise Levels during Ganesh Festival for last 2 years in different cities of Maharashtra

Sr. No.	Location name (details)	Noise Level Leq									
		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
		MUMBAI									
1.	Andheri	76.1	73.9	76.6	71.5	70.6		73.3	75.6	76.0	74.9
2.	Bandra	76.6	71.3	82.2	74.5	70.8		79.7	72.4	74.2	71.6
3.	Bhandup	78.0	78.0	77.4	78.0	77.1		78.8	75.4	77.4	81.4
4.	Borivali	73.3	71.3	79.6	72.4	80.8		75.6	76.6	74.6	70.2
5.	Byculla	79.1	73.8	74.4	74.7	74.3		68.6	85.1	79.7	78.1
6.	Chembur (E)	78.2	77.0	81.0	79.4	77.4		78.1	71.8	89.9	75.5
7.	Chembur (W)	74.2	70.9	70.6	74.1	63.3		80.6	82.4	81.5	76.1
8.	Chinchpokali (E)	77.5	61.4	74.3	76.0	71.9		80.1	73.7	84.4	74.4
9.	Chinchpokali (W)	75.7	75.3	76.8	78.2	76.5		76.2	85.1	82.8	78.0
10.	Dadar (E)	64.7	69.1	81.2	75.6	68.6		76.9	78.2	70.0	67.8
11.	Dadar (W)	70.3	65.6	81.9	74.7	65.7		68.1	72.7	86.3	83.8
12.	Elphinstone	76.5	76.0	82.1	78.3	75.2		85.8	64.3	77.7	76.5
13.	Ghatkopar	73.0	82.3	83.0	75.0	70.0		76.9	79.9	76.7	71.2

	Noise monitoring not carried out due to heavy rain
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Sr. No.	Location name (details)	Noise Level Leq									
		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
14.	Girgaon Chowpati	62.9	73.0	82.8	73.3	68.5		73.1	78.0	74.6	80.4
15.	Grant Road	78.5	75.8	77.6	76.6	76.0		81.5	73.6	75.3	80.3
16.	Juhu Chowpati	70.8	74.5	74.7	75.6	62.8		83.5	78.3	74.7	74.1
17.	Kandivali (E)	73.8	69.0	75.6	77.2	74.6		79.4	68.9	82.0	74.1
18.	Kandivali (W)	81.5	75.4	75.9	76.7	76.3		77.1	58.1	75.1	77.1
19.	Khar	69.9	71.1	75.7	69.4	76.7		76.0	79.4	81.8	68.3
20.	Mulund	67.6	74.4	73.3	70.6	74.3		78.8	60.3	72.4	64.5
21.	Mumbai Central	76.4	75.7	78.0	76.1	78.0		76.7	66.0	76.5	87.7
22.	Parel	69.5	79.2	79.7	72.4	74.7		75.9	76.5	72.2	67.5
23.	Santacruz (E)	70.2	77.3	81.1	75.8	64.5		74.3	84.5	75.7	80.6
24.	Vikhroli	75.4	75.1	79.7	75.8	75.2		76.6	75.3	81.5	78.5
25.	Wadala	74.4	74.1	76.2	70.9	75.0		69.9	75.5	70.5	81.8
		NAVI MUMBAI									
26.	Airoli	68.6	78.0	69.3	74.3	70.2		78.3	75.2	74.9	70.9
27.	CBD Belapur	73.7	76.6	75.4	74.7	61.2		72.5	71.0	69.5	68.5

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Sr. No.	Location name (details)	Noise Level Leq									
		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
28.	Kopar Khairane	75.7	79.2	75.7	77.7	79.2		75.9	64.4	80.8	76.7
29.	Uran	73.6	82.2	73.7	73.6	70.4		71.1	68.9	75.7	80.7
30.	Vashi	67.8	60.6	74.4	76.7	70.1		67.2	75.2	73.9	71.4
THANE											
31.	Gokhale Road	75.0	70.7	70.9	70.8	77.2		79.4	62.1	78.9	74.5
32.	Jambli Naka	73.8	72.5	59.1	66.0	80.0		75.6	56.7	80.0	69.4
33.	Naupada	76.8	78.9	77.3	75.1	82.7		76.0	76.4	82.8	87.8
34.	Vartak Nagar Chowk	78.2	72.0	73.1	72.9	69.9		74.9	70.8	79.8	63.3
35.	Wagle Estate-	71.5	75.9	83.2	76.6	70.2		95.6	70.4	80.3	77.2
36.	Court Naka	75.7	77.1	77.2	81.7	79.4		76.8	74.9	76.2	75.1
37.	Mental Hospital	77.0	64.2	70.0	67.0	69.3		62.7	71.6	76.9	71.4
38.	Bedekar Hospital	69.2	68.7	64.8	61.1	67.2		64.8	64.5	78.2	71.9
39.	Kalwa	74.9	75.3	75.1	75.3	75.0		75.0	75.3	78.5	76.1

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
		PUNE									
40.	Shivaji Nagar	70.4	79.1	70.4	74.2	75.6	67.3	78.3	75.2	86.0	85.7
41.	Karve Road	78.4	84.7	89.9	78.5	86.2	81.8	80.5	94.6	94.5	100.2
42.	Swar Gate	78.2	76.6	78.3	78.1	89.7	78.6	91.7	93.8	90.0	79.0
43.	Satara Road	78.0	77.1	78.0	77.6	90.5	92.5	83.8	86.5	90.8	94.8
44.	Shaniwar Peth	84.2	80.5	78.2	67.8	74.3	75.0	78.6	77.2	91.9	83.4
45.	Yerawada	81.0	81.1	82.4	80.9	89.8	84.8	85.0	89.9	87.1	90.5
46.	Laxmi Road	85.4	82.9	76.5	82.0	80.8	84.7	78.1	84.6	98.6	101.2
47.	Kothrud	73.9	86.3	79.6	85.3	82.7	84.0	76.2	84.4	94.1	101.5
48.	Mahatma Phule Madai	109.3	85.8	82.4	77.3	85.0	82.9	84.4	82.0	103.8	87.4
49.	Sarus Baug	69.4	68.7	70.4	70.9	78.5	78.0	80.4	85.0	84.4	85.1
50.	Hadapsar	83.8	86.9	84.4	82.8	86.6	87.3	86.0	91.2	89.6	83.8
51.	Parvati	75.3	78.6	77.3	75.7	89.9	81.3	78.4	80.2	91.0	97.9
52.	Koregaon Park	71.2	90.9	75.2	77.6	82.6	85.0	78.4	88.8	78.5	92.2
53.	Khadaki	77.7	77.2	70.5	77.2	75.0	74.6	80.1	78.2	87.9	88.8

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
54.	M G Road	80.9	82.1	81.5	82.6	82.6	82.3	84.0	89.1	85.4	87.9
55.	University Road Chowk	75.2	59.9	78.7	79.4	89.5	86.6	87.5	88.2	76.9	80.7
56.	Aundh Parihar Chawk	74.4	75.9	67.7	72.9	79.7	77.7	74.1	78.9	101.0	97.5
57.	Thergaon	79.7	79.6	77.0	79.6	79.1	78.5	79.2	81.5	82.4	85.8
58.	Navi Sangavi	74.4	70.3	70.1	71.5	76.2	70.9	77.9	87.1	77.3	68.3
59.	VishrantWadi	74.8	75.1	77.5	64.1	78.5	63.9	79.6	75.6	89.0	75.9
NASHIK											
60.	Nashik Road/ Ramkund on - 05.09.2017	79.9	74.6	80.2	76.8	82.3	70.1	81.6	74.1	98.2	92.8
61.	Panchvati/ Near Ashok Stambh on - 05.09.2017	79.2	74.9	82.4	77.5	82.0	70.6	79.7	75.7	98.4	95.7
62.	Civil Hospital / Near Gadge Maharaj Statue on - 05.09.2017		79.0		77.4		77.1		75.0		

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
63.	Trimurty Chowk / River Bank of Waldevi on - 05.09.2017		78.9		77.2		73.0		77.2		
64.	Satpur Bus Stand / CIDCO (Behind PF Off.) on - 05.09.2017		77.9		72.9		73.1		78.4		
AURANGABAD											
65.	Gulmandi	86.3	82.2	76.5	78.6	73.6	74.0	74.6	76.3	88.2	91.1
66.	City Chowk	75.0	77.4	67.1	71.6	68.2	69.3	70.4	73.9	84.7	83.6
67.	Kranti Chowk	83.3	79.8	76.4	79.4	76.6	77.5	77.5	75.6	84.4	80.0
68.	CIDCO Residential	78.3	77.6	68.5	65.6	68.1	66.1	71.3	67.0	81.1	70.5
69.	Usmanpura	75.7	74.0	72.1	68.6	68.9	68.8	71.6	76.0	79.9	73.5
NAGPUR											
70.	Ramdaspeth/ (Sonegaon lake on - 05.09.2017)	72.1	71.9	72.1	67.8	66.2	64.7	65.9	65.3	79.8	70.6

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
71.	Cotton Market / (Gandhisagar on - 05.09.2017)	71.4	67.9	71.4	74.8	72.3	75.1	73.0	76.0	76.3	79.4
72.	Golibar Chauk / (Futala lake on - 05.09.2017)	75.3	81.4	75.3	80.7	75.2	82.4	75.2	82.8	80.0	83.5
73.	Reshimbag) / (Sakkardara lake on - 05.09.2017)	69.8	70.3	65.7	75.2	74.2	78.9	71.4	83.3	76.2	82.9
74.	Gandhiputala / (Naik lake on - 05.09.2017)	73.2	89.5	67.3	72.6	69.3	73.2	67.9	76.8	84.1	83.3
KALYAN											
75.	Khadakpada Chawk	72.8	68.7	70.2	74.2	77.8		80.4	78.9	80.5	78.3
76.	Shivaji Chawk	78.8	69.0	79.5	70.1	78.0		76.9	71.6	72.5	75.3
77.	Ulhasnagar Station	76.5	75.3	79.2	79.4	77.3		79.6	76.7	77.9	87.5

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
		AMRAVATI									
78.	Bhudhwara	63.8	74.0	66.2	66.6	67.0	65.7	70.1	66.3	68.9	66.6
79.	Rajkamal Square	78.7	85.5	76.1	73.4	76.1	73.1	76.2	71.2	74.6	71.7
80.	Irvin Hospital Square	74.9	75.0	74.9	75.1	75.0	75.2	75.0	75.1	75.0	75.0
		JALGAON									
81.	Subhash Chowk	73.0	77.4	69.8	69.1	73.7	71.3	72.8	72.6	79.2	88.5
82.	Shashtri Tower Chowk	85.6	75.7	76.9	71.8	78.1	73.9	78.2	74.3	91.8	94.1
83.	Shanipeth Police Station	74.8	74.8	75.0	74.8	74.8	74.8	74.9	74.8	74.9	74.9
		KOLHAPUR									
84.	Rajaram Puri (Near Rajaram Puri)	76.7	80.9	75.6	72.5	77.1	86.5	84.3	92.3	85.9	100.2
85.	Mahalaxmi Mandir	79.6	70.0	76.5	88.4	74.7	73.1	80.3	85.3	85.4	97.7

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
86.	Khas Baug Maidan (Near Khas Baug Maidan)	80.9	76.6	81.7	83.3	80.3	79.4	83.4	82.9	83.9	96.2
SANGLI											
87.	Miraj Market	76.9	70.9	69.4	68.9	67.8	67.0	70.7	78.8	92.6	90.0
88.	Vishram Baug Chawk	73.4	66.4	68.5	66.5	67.9	71.6	69.6	69.6	72.8	67.6
89.	Gandhi Putala (Ganpati Peth)	76.5	75.7	75.5	75.5	75.7	76.1	75.9	77.5	76.7	76.1
MIRA-BHYANDER											
90.	Bhakti Vedant Hospital, Tenkar pada	66.3	75.9	76.0	76.6	73.4		59.2	63.9	74.3	67.8
91.	Golden police Chawki	71.0	65.3	70.6	74.2	73.6		70.5	74.7	75.5	68.8
92.	Shivaji Chak Kashi meera	77.4	76.6	78.1	77.4	75.9		76.2	76.8	76.4	79.4

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
VASAI-VIRAR											
93.	Range office, Satwali, Vasai East	75.5	76.2	73.3	72.4	74.2		74.1	71.2	75.1	72.0
94.	Valiv phata, Vasai East	78.5	77.2	73.1	77.1	79.1		79.7	72.4	66.6	74.0
95.	N.B. Estate, Virar West	77.5	79.4	77.9	77.5	77.5		78.4	76.8	80.1	86.4
ULHASNAGAR											
96.	Gaol Maidan	73.8	69.5	70.9	73.8	66.1		64.5	83.2	66.3	79.7
97.	Doodh Naka, Ulhasnagr sector 5	71.0	71.0	79.0	78.3	74.6		66.0	85.3	71.5	88.9
98.	CHM college	75.7	77.5	77.7	77.3	77.0		80.0	75.6	75.0	80.2
BHIWANDI-NIZAMPUR											
99.	Dhamankar Naka	69.8	73.7	83.7	77.4	78.7		68.3	87.4	83.9	75.3
100.	Indira Gandhi Memorial Hospital	67.0	71.6	81.3	68.8	78.6		65.0	79.0	60.2	76.7

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
101.	Shelar Near Nadi naka	76.2	77.1	75.7	79.5	81.1		75.0	79.3	77.3	79.9
CHANDRAPUR											
102.	Govt. Hospital	69.9	70.1	66.4	69.7	70.0	69.7	68.7	72.6	84.6	85.3
103.	Gandhi Square	77.8	79.9	73.8	78.4	76.2	75.8	75.9	66.0	96.9	100.2
104.	Jatpura Gate	77.7	79.3	78.0	79.2	78.9	80.7	82.4	76.5	89.0	95.9
NANDED-WAGHALA											
105.	Ganesh Nagar, Municipal Corporation, Nanded	85.7	75.9	70.7	76.2	70.8	71.2	73.0	72.6	77.0	74.8
106.	Shivaji Nagar	81.3	85.1	69.9	72.1	70.2	69.0	72.5	66.0	80.9	80.7
107.	Shree Guru Govindsing Govt. Medical College & Hospital	75.2	77.4	75.6	79.1	75.5	76.2	75.9	76.5	76.9	79.4
AHMEDHNAGAR											
108.	Kotala Chawk	79.5	79.2	82.1	72.6	77.8	69.7	77.4	77.2	100.7	96.5

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
109.	Chitale Road	84.8	78.3	81.3	76.5	77.1	72.0	78.0	78.4	101.7	96.8
110.	Old Bus Stand	81.5	79.7	82.2	77.6	79.0	75.8	78.6	80.5	100.6	95.2
DHULE											
111.	Agrasen Chawk	69.7	83.6	64.9	75.8	69.1	68.2	74.0	79.1	82.1	83.6
112.	Fulwala Chawk	90.6	66.5	79.0	74.3	76.0	72.3	73.8	77.0	89.2	84.9
113.	Santoshi Mata Chawk	82.2	93.1	76.6	77.1	75.5	75.8	76.2	80.7	83.0	85.4
MALEGAON											
114.	Mosampur	85.6	85.1	74.7	73.6	79.2	70.9	79.5	76.5	84.9	91.1
115.	Satana Naka	81.4	82.8	75.7	73.8	77.7	69.0	74.0	75.8	86.0	82.8
116.	Malegaon Camp	79.9	79.2	79.8	77.2	81.4	75.7	82.9	81.6	82.7	76.8
PIMPRI-CHINCHWAD											
117.	Chaphekar Chawk, Chinchwad Gaon	82.8	82.1	80.4	79.8	75.0	75.4	80.1	86.4	94.2	95.5

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
118.	Shanti Nagar (Pimri)	71.7	72.5	73.8	73.2	79.4	78.9	75.2	79.2	104.4	99.3
119.	Bosari Gaonthan	76.3	76.2	84.7	80.8	82.5	82.0	85.7	86.0	88.6	90.3
PARBHANI											
120.	Shivaji Chawk, Parbhani	80.6	76.4	74.3	75.3	72.6	71.3	73.2	70.2	84.7	79.1
121.	Shivaji Maharaj Putala, (near S.P. Office)	78.2	81.4	75.6	78.1	74.4	73.3	74.3	72.6	82.1	79.9
122.	Raigad Corner, Jintur road, Parbhani	76.1	76.9	76.0	76.6	76.3	75.8	76.4	75.8	79.0	77.2
LATUR											
123.	Ganjgolai	82.3	97.7	74.1	79.6	72.2	72.3	73.7	74.7	86.5	78.8
124.	Kesharaj High school, Sham nagar	81.8	86.6	70.1	74.7	69.3	70.3	71.9	69.2	78.8	76.9
125.	Aadarsh Colony	79.4	96.7	75.8	76.3	75.8	75.8	76.1	75.9	83.1	87.9

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		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
		AKOLA									
126.	Collector Office	72.5	69.3	73.7	67.7	74.0	68.7	75.2	70.3	76.2	71.9
127.	Civil line Chawk / Ratanlal plot	76.9	72.0	82.1	69.9	83.2	70.6	81.3	70.7	96.3	73.3
128.	City Kotawali Chawk near police station	79.2	78.7	80.9	77.5	82.0	77.8	82.2	78.5	91.2	79.5
		SOLAPUR									
129.	Balives	67.4	74.7	74.0	69.4	78.4	73.4	76.6	7.3	82.8	89.3
130.	Ashok Chowk	60.5	79.2	74.8	69.9	77.1	74.6	77.5	76.6	82.9	87.9
131.	Hotgi and Vijapur road	75.1	79.0	77.9	76.7	79.5	76.0	78.4	71.6	82.7	81.4
132.	Saat Rastta Railway Station	70.5	73.8	78.0	77.2	76.9	71.5	77.9	78.0	83.9	73.0

	Noise monitoring not carried out due to heavy rain
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Sr. No.	Location name (details)	Noise Level Leq									
		5-Sep-16	25-Aug-17	6-Sep-16	26-Aug-17	9-Sep-16	29-Aug-17	10-Sep-16	31-Aug-17	15-Sep-16	5-Sep-17
		PANVEL									
133.	Utsav Chowk, Kharghar		75.6		72.7				65.1		76.7
134.	Old Panvel, Panvel Corporation Building		73.5		75.1				74.8		83.9
135.	Khanda Colony, New Panvel		78.7		78.4				75.3		81.6

	Noise monitoring not carried out due to heavy rain
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ANNEXURE V

Annexure V - Hourly Noise Levels on 25th, 26th, 29th and 31st August & 5th September 2017 during Ganesh Festival at different locations in Maharashtra

Hourly Noise Levels on 25th, 26th, 29th& 31st August & 5th September 2017 during Ganesh Festival at different locations in Maharashtra

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
		MUMBAI																													
1.	Andheri	74.2	73.9	72.4	77.3	72.3	69.3	67.3	68.4	72.3	66.4	73.8	74.3							81.2	72.3	75.6	69.8	72.3	67.2	65.3	76.7	62.4	71.4	60.6	80.7
2.	Bandra	69.5	73.1	73.6	73.1	69.3	58.3	67.6	65.8	79.3	75.7	70.5	74.0							60.7	67.8	66.1	75.9	71.0	76.1	74.5	69.0	68.3	73.9	68.9	70.6
3.	Bhandup	69.8	76.6	79.7	76.7	71.3	59.5	67.8	71.4	72.6	81.3	75.7	74.1							80.2	77.0	75.5	69.6	62.3	69.1	58.1	65.9	75.5	87.2	74.0	78.8
4.	Borivali	68.4	71.6	72.0	70.9	69.7	73.6	69.4	67.0	64.1	76.8	71.2	74.2							74.9	76.6	71.5	65.9	68.2	56.8	58.9	60.3	66.0	63.3	70.1	76.6
5.	Byculla	75.7	70.5	76.5	73.0	67.1	74.3	67.9	70.5	70.3	76.0	77.7	76.9							81.4	71.5	91.6	74.6	79.5	83.7	74.0	78.8	82.0	73.8	74.2	79.0
6.	Chembur (E)	71.4	73.4	73.6	70.5	73.2	76.8	67.7	74.5	82.7	80.0	81.7	73.6							66.7	70.0	72.3	74.3	72.4	71.5	60.3	63.8	69.3	71.4	74.3	66.1
7.	Chembur (W)	69.2	70.7	71.2	72.0	71.2	70.9	70.3	73.7	64.9	76.9	76.6	73.3							72.4	75.6	86.8	85.2	74.4	65.2	67.4	74.1	75.3	79.3	74.3	78.3
8.	Chinchpokali (E)	61.1	62.0	59.1	61.8	62.4	61.3	68.0	73.2	71.3	78.6	79.7	74.8							70.8	71.5	72.9	76.0	72.0	76.0	64.0	68.9	73.4	75.9	76.6	76.9
9.	Chinchpokali (W)	64.2	64.7	66.5	67.1	68.6	68.2	68.0	70.7	78.6	80.0	78.9	73.3							80.5	85.7	86.0	82.7	86.4	86.4	82.6	55.1	56.7	62.3	68.2	69.2
10.	Dadar (E)	69.0	68.7	67.1	60.3	60.9	74.2	71.7	69.5	72.3	79.9	77.8	73.0							75.5	72.1	81.7	72.6	66.0	61.0	63.0	65.4	62.5	68.6	71.0	69.4
11.	Dadar (W)	67.6	59.8	62.9	62.5	62.3	69.9	70.0	64.9	69.1	77.6	79.1	72.9							73.1	73.6	74.4	72.7	70.1	70.5	83.6	78.9	86.3	84.1	84.9	80.9
12.	Elphinstone	74.3	67.8	66.1	67.1	66.8	71.3	72.1	62.9	78.8	80.5	80.3	73.3							61.7	63.6	66.8	64.3	59.7	66.0	67.9	71.4	76.7	72.6	76.1	64.3
13.	Ghatkopar	89.4	67.7	73.7	70.5	73.2	79.2	71.0	65.7	75.8	74.5	78.9	74.4							62.5	74.9	76.7	78.6	88.1	84.1	62.2	69.5	65.7	77.1	67.8	69.3
14.	GirgaonChowpati	79.3	61.3	64.9	60.7	73.7	68.4	73.4	66.4	65.7	73.0	77.8	72.3							69.1	70.2	72.6	77.2	79.0	83.2	68.3	71.5	73.1	76.8	83.0	85.7
15.	Grant Road	70.0	70.9	64.8	72.2	67.5	63.4	72.2	74.8	70.6	73.6	77.4	69.5							69.1	71.7	70.5	71.8	73.9	78.0	63.0	82.3	81.7	77.4	76.2	79.1
16.	JuhuChowpati	73.1	78.5	72.8	76.4	70.6	65.5	72.9	77.7	68.3	78.1	76.3	73.6							76.0	77.1	78.0	78.3	74.7	67.7	71.3	74.4	76.3	73.2	73.4	74.5
17.	Kandivali (E)	64.5	64.4	67.6	66.5	70.4	73.2	72.2	77.6	71.4	79.5	80.7	73.4							66.2	73.8	66.3	65.0	65.6	68.5	73.9	76.0	71.3	74.3	73.2	74.3
18.	Kandivali (W)	69.3	69.3	65.8	63.7	60.0	65.7	74.5	74.7	74.7	71.1	80.1	61.5							53.6	54.6	56.6	57.8	58.9	61.7	75.4	75.1	74.1	72.2	73.2	71.8
19.	Khar	70.0	69.4	67.8	68.4	71.7	75.0	65.3	71.3	73.4	64.9	68.9	63.8							85.1	68.0	63.5	72.0	68.2	61.3	67.8	67.2	61.8	65.4	68.6	72.3
20.	Mulund	75.3	67.0	71.6	71.3	79.0	72.8	66.9	73.3	74.6	64.2	69.7	63.3							58.2	59.1	61.7	57.2	59.0	63.3	68.3	62.0	57.9	63.9	64.3	64.3
21.	Mumbai Central	68.4	68.2	72.9	64.2	63.9	68.6	67.4	71.5	66.6	74.8	71.3	69.4							69.2	69.0	62.6	58.5	64.7	63.3	75.3	83.6	93.3	89.5	87.1	70.2
22.	Parel	83.2	80.3	78.0	76.3	78.3	69.3	59.5	69.1	78.5	73.6	62.7	55.3							74.3	68.9	74.8	69.7	77.4	70.5	62.7	63.0	73.6	66.2	62.7	61.3
23.	Santacruz (E)	77.0	77.9	78.5	78.2	78.7	64.9	62.7	68.7	77.6	81.5	71.6	65.3							72.8	84.0	89.8	84.6	78.9	80.3	74.9	69.8	85.8	80.6	75.9	80.7
24.	Vikhroli	65.1	62.8	63.2	62.7	62.9	65.8	68.9	73.2	64.8	71.3	69.0	54.7							72.1	74.6	78.2	74.3	76.5	72.9	79.2	79.4	75.6	72.8	75.6	72.7
25.	Wadala	67.4	68.8	71.2	74.0	79.0	73.9	71.3	70.8	73.8	71.1	63.2	69.6							72.6	64.3	60.0	61.2	57.1	67.5	79.6	78.2	76.4	77.6	80.1	87.4

Noise monitoring not carried out due to heavy rain

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
		Navi Mumbai																													
26.	Airoli	83.1	79.2	74.3	70.8	76.8	68.3	72.5	70.8	78.1	73.2	71.9	74.8							71.6	73.5	74.7	75.2	74.9	78.2	74.8	75.2	67.8	62.7	60.3	61.4
27.	CBD Belapur	78.1	78.4	75.2	76.3	77.5	69.3	71.6	72.8	79.0	74.5	72.7	72.0							70.1	73.8	69.6	70.7	69.5	70.6	63.8	67.5	68.9	68.2	68.7	71.0
28.	Koparkhairane	83.0	78.5	67.4	75.1	75.2	66.9	75.5	72.9	68.5	78.9	70.6	75.3							64.4	63.9	63.1	64.4	64.5	65.8	71.5	71.0	72.0	71.3	71.3	76.5
29.	Uran	87.1	78.1	79.6	78.6	82.6	78.6	70.4	62.0	78.3	72.2	75.9	62.3							65.2	73.0	69.6	68.6	64.9	65.4	74.4	79.1	81.6	81.7	81.7	82.2
30.	Vashi	62.0	64.3	61.0	57.1	56.7	55.9	77.2	78.3	81.3	73.6	65.3	58.9							62.0	69.7	60.5	62.1	64.7	66.3	77.5	67.0	66.4	67.6	67.4	68.3
		Thane																													
31.	Gokhale Road	67.0	69.2	67.9	70.1	75.3	68.6	60.3	70.6	70.9	70.3	74.3	70.0							57.5	56.5	65.5	62.9	63.7	59.8	71.1	76.5	76.1	74.1	72.5	74.1
32.	Jambli Naka	60.0	58.5	63.8	78.6	74.3	63.9	54.6	59.5	63.0	62.9	70.5	68.7							57.6	53.4	54.6	56.6	56.9	58.9	62.5	64.3	67.9	70.1	71.4	72.5
33.	Naupada	64.6	65.2	78.3	82.8	77.3	71.8	53.8	56.3	60.5	61.7	68.5	69.5							58.9	66.3	74.1	71.9	72.1	74.9	86.1	88.6	89.8	89.2	89.4	87.3
34.	Vartak Nagar Chowk	70.5	71.7	72.0	73.8	71.6	71.5	68.9	74.8	69.7	77.4	70.5	67.3							61.0	70.2	70.5	72.2	71.8	72.5	64.3	64.5	63.7	56.7	63.2	64.0
35.	Wagle Estate-	71.2	69.9	70.7	74.7	79.8	78.7	75.2	79.4	79.1	76.2	72.4	70.9							64.8	72.1	63.2	71.4	72.3	71.5	77.9	78.9	81.8	70.2	70.2	63.5
36.	Court Naka	71.0	71.0	71.5	71.7	79.4	78.6	77.5	84.3	81.7	78.3	80.5	82.2							56.7	58.3	61.8	59.7	69.0	62.4	44.6	46.2	46.9	66.3	70.8	67.5
37.	Mental Hospital	63.6	63.5	64.0	64.4	64.5	65.1	66.7	72.4	66.3	63.6	58.3	57.3							62.1	62.2	69.8	76.6	71.1	72.0	70.4	69.6	71.7	74.9	68.5	70.0
38.	Bedekar Hospital	68.2	69.4	69.6	71.0	68.3	58.3	55.3	63.3	57.4	60.3	60.5	63.9							56.4	61.3	64.0	65.3	66.2	67.1	65.4	68.6	71.9	72.5	74.4	73.2
39.	Kalwa	60.8	63.2	66.9	66.7	69.7	68.1	57.4	68.1	62.3	65.7	70.3	68.3							58.6	66.5	64.7	67.1	68.5	67.8	59.9	65.8	69.5	72.5	74.2	74.8
		PUNE																													
40.	Shivaji Nagar	58.1	69.8	74.2	86.4	69.7	64.8	68.2	68.2	77.0	79.6	65.7	56.4	63.5	64.0	69.3	68.8	69.7	63.0	69.4	70.5	73.4	80.1	76.9	68.6	80.6	87.4	85.6	90.4	80.0	63.4
41.	Karve Road	67.6	80.2	91.0	85.8	75.6	65.0	69.2	74.7	80.4	83.5	76.7	69.0	75.7	84.4	85.7	83.4	71.6	64.7	76.4	90.6	96.1	100.7	86.7	70.4	97.3	100.1	102.7	101.3	99.5	97.5
42.	Swar Gate	71.6	78.4	73.5	80.6	73.9	74.3	71.8	78.6	79.4	73.9	68.2	64.3	75.2	78.1	81.6	70.5	71.2	60.4	72.8	96.4	99.7	87.6	79.8	74.3	81.4	78.0	73.7	78.0	71.9	64.9
43.	Satara Road	70.6	73.4	81.3	79.6	76.4	68.1	73.6	76.8	81.4	72.6	80.6	62.7	75.6	92.4	97.3	94.5	88.6	74.3	71.4	84.9	91.4	88.3	84.7	68.4	86.7	91.3	96.2	93.4	99.7	86.4
44.	Shaniwar Peth	78.6	78.7	84.7	73.2	74.2	75.5	64.7	72.0	63.8	68.8	68.6	56.4	68.6	71.3	80.2	69.3	77.4	58.3	71.5	68.0	74.3	79.2	66.1	64.5	83.0	87.1	82.0	82.5	82.4	80.0
45.	Yerawada	76.3	82.9	83.5	83.4	78.3	74.3	80.4	82.3	78.1	83.3	82.4	65.5	88.7	84.5	86.5	82.3	78.6	66.9	78.8	78.3	73.2	76.8	97.5	74.8	81.1	86.0	90.7	85.4	88.3	96.5
46.	Laxmi Road	86.0	85.7	82.8	82.1	76.8	72.5	83.6	86.4	81.4	79.8	75.7	73.5	84.9	86.9	88.0	83.4	79.2	74.2	86.2	87.1	87.0	82.0	80.3	75.8	98.2	101.1	103.3	102.8	99.8	99.7
47.	Kothrud	67.9	91.3	79.1	89.6	79.5	74.4	87.8	90.0	83.9	80.6	76.8	71.9	86.0	85.4	84.3	84.0	82.0	78.9	77.6	84.5	87.5	86.7	79.9	80.5	98.5	97.2	104.5	102.6	102.9	98.7
48.	Mahatma PhuleMadai	77.0	79.8	76.4	93.1	71.5	72.2	72.0	74.4	78.1	73.3	74.6	70.8	73.8	89.3	77.5	76.9	73.0	69.2	80.2	86.3	82.7	82.4	77.0	73.0	83.8	83.6	91.3	90.9	93.0	74.8

Noise monitoring not carried out due to heavy rain

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
49.	SarusBaug	65.9	70.3	69.2	68.7	64.6	70.4	70.3	73.6	74.8	67.6	62.1	64.7	66.3	84.2	78.6	74.6	68.9	63.7	74.6	87.2	82.3	90.4	78.2	65.9	78.9	84.7	91.3	82.7	75.4	71.6
50.	Hadapsar	78.5	89.8	88.4	86.3	91.4	87.8	82.4	84.6	86.4	81.4	79.4	69.8	79.7	88.7	86.6	91.4	87.3	74.3	80.6	87.3	93.7	96.8	84.3	71.6	86.6	86.7	83.9	80.4	81.0	74.0
51.	Parvati	81.1	82.6	77.9	76.0	72.5	70.6	66.4	69.1	72.4	70.6	62.5	61	83.5	81.5	82.8	77.9	75.7	71.4	81.5	82.2	82.2	79.8	76.3	70.5	92.9	97.9	101.5	100.1	98.4	96.4
52.	Koregaon Park	75.4	84.4	90.2	96.8	91.0	68.7	65.9	71.7	77.9	84.1	61.9	66.0	89.2	79.6	87.3	85.9	76.8	64.7	91.2	89.5	88.5	89.4	88.5	64.2	89.4	92.2	92.9	91.5	91.7	94.1
53.	Khadaki	74.4	72.8	74.0	77.2	77.0	69.5	68.0	82.4	76.4	79.1	68.2	56.8	79.7	75.8	70.1	71.1	68.8	70.2	68.8	74.6	74.3	81.6	77.4	69.7	84.2	88.0	90.6	90.3	91.6	75.5
54.	M G Road	62.7	69.4	74.3	87.3	84.3	81.2	80.2	83.6	81.4	86.1	82.6	72.6	79.2	84.7	77.3	85.6	83.4	76.1	81.7	87.6	93.7	91.3	84.2	82.4	84.3	91.5	90.2	88.7	87.6	79.1
55.	University Road Chowk	58.0	60.1	60.8	62.3	59.1	56.6	75.4	80.2	84.1	79.3	74.6	70.8	74.5	83.7	87.3	91.3	87.6	68.9	66.3	84.7	90.1	93.7	84.2	69.7	74.8	86.5	77.6	79.1	78.4	70.9
56.	Aundh Parihar Chawk	61.8	66.2	72.4	72.6	74.3	68.9	70.5	72.6	76.1	75.1	70.4	64.2	66.4	78.2	81.6	76.9	79.4	65.4	73.4	76.8	79.6	80.9	68.3	64.7	85.7	98.3	99.7	101.6	94.3	78.6
57.	Thergaon	73.6	76.8	74.9	83.7	79.7	80.6	75.2	79.8	81.7	78.6	72.5	70.4	76.3	78.4	74.3	80.1	72.4	66.8	72.5	79.4	83.6	86.4	78.1	70.9	78.6	80.4	86.9	91.4	90.7	76.8
58.	Navi Sangavi	59.5	71.8	70.7	75.5	57.4	56.8	69.8	66.8	74.6	75.6	65.8	57.2	64.9	67.3	72.6	75.2	70.0	66.4	87.0	84.9	85.4	87.0	90.6	84.2	66.5	70.5	71.1	68.0	65.8	62.4
59.	VishrantWadi	66.2	66.4	62.3	61.6	62.5	59.5	66.0	64.9	66.9	62.9	59.7	57.3	58.7	64.5	67.4	65.4	61.7	58.4	67.4	69.8	71.0	68.7	65.4	58.7	74.3	81.6	77.1	69.6	61.7	58.6
		Nashik																													
60.	Nashik Road/ Ramkund on - 05.09.2017	72.8	78.9	75.2	73.4	70.2	69.7	70.2	75.2	79.2	80.4	76.4	67.4	65.2	68.4	72.1	73.4	70.4	64.1	74.2	78.4	75.6	69.5	68.1	67.4	89.2	93.5	90.1	98.7	75.2	71.9
61.	Panchvati/ Near Ashok Stambh on - 05.09.2017	75.4	79.1	73.8	72.9	71.4	70.5	68.5	79.5	81.4	79.5	70.4	68.4	68.4	70.4	72.5	73.2	69.8	65.2	78.1	74.6	78.5	76.2	70.2	69.1	91.4	95.7	98.2	100.2	79.4	70.1
62.	Civil Hospital / Near Gadge Maharaaj Statue on - 05.09.2017	78.4	80.5	77.1	75.8	74.2	73.5	65.8	71.4	79.2	76.2	74.2	69.4	70.4	75.4	74.9	75.8	70.4	68.9	76.5	75.4	78.6	73.2	70.4	68.5	95.4	100.2	98.4	99.7	86.4	76.4
63.	Trimurty Chowk / River Bank of Waldevi on - 05.09.2017	72.2	79.6	79.3	78.9	80.6	79.4	66.4	69.4	80.4	82.5	68.5	66.4	71.4	72.5	75.9	74.5	70.5	69.5	76.2	78.6	80.3	78.1	74.5	62.5	84.1	95.7	98.2	97.4	89.7	74.2
64.	Satpur Bus Stand / CIDCO (Behind PF Off.) on - 05.09.2017	77.0	79.6	75.1	78.9	78.3	77.1	69.4	72.5	75.4	76.1	70.5	65.4	69.5	71.5	72.6	75.4	76.1	68.2	78.4	77.5	78.6	74.5	68.2	67.8	78.4	101.2	95.4	98.6	93.4	75.4
		Aurangabad																													
65.	Gulmandi	80.1	85.4	86.4	78.0	75.2	70.7	79.2	82.6	80.6	76.1	72.1	61.2	73.5	76.8	78.0	70.1	68.1	63.8	80.1	79.6	75.1	73.4	68.4	61.8	83.5	88.9	95.1	94.7	87.6	72.2
66.	City Chowk	76.1	79.8	80.3	78.1	72.4	68.5	69.1	75.1	72.9	71.6	70.9	58.0	70.2	73.6	69.7	67.1	64.9	58.4	78.6	75.3	72.6	70.9	69.4	63.4	81.1	84.5	88.3	83.8	75.9	71.6
67.	Kranti Chowk	80.9	83.1	74.5	75.6	68.8	67.1	76.8	82.1	78.6	77.4	68.3	61.9	73.6	78.5	76.9	71.0	68.9	64.5	73.5	81.0	76.1	72.8	68.1	65.9	75.2	80.1	82.6	79.8	76.8	68.9
68.	CIDCO Residential	79.0	81.0	79.8	73.9	71.9	68.4	65.8	69.1	66.8	66.0	59.4	52.1	68.3	70.1	65.8	63.6	60.3	54.8	67.5	70.9	68.9	64.2	61.9	56.8	69.4	70.5	73.8	71.5	68.4	63.8

	Noise monitoring not carried out due to heavy rain
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Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
69.	Usmanpura	67.5	76.5	78.4	73.1	69.6	62.8	65.9	70.5	73.1	67.4	62.8	55.0	70.3	72.9	70.5	64.7	59.8	57.9	70.8	73.5	72.6	66.3	61.9	57.1	73.4	76.5	75.8	72.6	69.4	62.1
Nagpur																															
70.	Ramdaspath/ (Sonegaon lake on - 05.09.2017)	75.2	75.5	71.1	68.1	61.8	65.7	69.0	70.4	70.3	65.7	62.5	60.1	69.2	65.3	63.9	63.7	57.9	56.4	69.0	66.9	63.2	62.1	64.1	60.4	69.0	67.1	70.3	72.0	73.6	68.5
71.	Cotton Market / (Gandhisagar on - 05.09.2017)	70.0	69.8	69.5	66.9	64.0	61.9	73.1	75.1	78.4	76.3	68.1	70.0	73.7	78.1	76.9	76.0	70.8	67.3	75.3	79.1	78.0	74.9	74.3	66.0	77.3	75.0	79.4	77.8	82.2	80.9
72.	Golibar Chauk / (Futala lake on - 05.09.2017)	84.9	81.7	81.5	75.3	72.4	71.5	82.5	80.4	80.7	79.1	78.3	76.3	83.3	85.0	83.4	79.1	78.1	76.2	84.1	86.2	83.1	82.4	77.4	74.6	85.3	84.3	84.7	80.7	79.0	81.3
73.	Reshimbag) / (Sakkardara lake on - 05.09.2017)	74.1	71.5	72.4	66.1	63.3	61.2	72.0	77.5	79.1	75.6	69.7	61.5	74.7	79.8	84.1	77.7	73.2	63.7	72.0	78.8	86.1	86.3	83.7	80.9	78.8	80.7	84.6	84.0	84.8	81.0
74.	Gandhiputala / (Naik lake on - 05.09.2017)	90.9	91.1	91.0	91.7	77.2	71.6	72.7	73.6	74.4	74.2	69.1	67.1	74.4	73.1	75.2	74.2	70.4	67.5	75.2	73.9	72.6	73.5	70.3	67.9	79.2	81.1	83.3	84.1	84.4	85.0
Kalyan																															
75.	KhadakpadaChawk	63.4	67.3	71.0	71.0	68.7	66.4	75.5	66.1	70.6	75.1	74.6	76.6							75.1	77.1	80.2	78.9	78.3	81.3	64.8	82.2	80.1	75.6	74.9	78.2
76.	ShivajiChawk	66.5	67.2	67.7	67.7	71.4	71.0	70.5	66.5	66.2	72.2	65.9	73.3							72.9	73.7	69.7	70.1	69.9	71.8	66.7	74.1	78.4	75.7	76.6	73.1
77.	Ulhasnagar Station	66.1	65.1	64.2	57.3	69.0	69.5	77.2	81.5	79.0	77.1	75.9	73.7							72.0	71.9	73.4	74.7	72.5	72.3	72.9	84.4	90.1	90.2	90.1	89.0
Amaravati																															
78.	Bhudhwara	78.4	68.6	69.7	75.6	74.3	53.7	68.0	66.2	68.3	68.4	64.7	57.2	66.7	66.1	65.9	66.2	65.2	63.5	65.8	66.3	69.0	66.4	65.6	62.6	66.7	68.3	69.3	64.6	64.3	62.8
79.	Rajkamal Square	83.4	88.4	89.3	85.1	74.0	67.3	73.2	74.7	75.9	72.9	71.7	69.5	77.0	73.6	71.6	72.4	70.0	68.6	72.4	71.7	72.2	71.4	70.7	66.4	75.4	71.8	72.3	71.4	68.0	64.3
80.	Irvin Hospital Square	61.7	62.7	61.7	61.8	58.3	54.4	64.6	65.0	67.4	63.6	62.3	57.7	66.2	63.2	67.3	66.9	61.4	55.7	63.5	64.6	66.3	63.8	61.4	56.1	62.2	64.9	64.0	62.7	60.0	56.6
Jalgaon																															
81.	Subhash Chowk	72.8	77.6	83.4	73.8	67.9	58.8	70.9	72.8	69.6	65.8	66.2	57.9	71.7	75.0	73.8	67.1	67.6	55.5	72.2	76.8	74.6	70.1	66.8	59.3	74.5	79.9	86.8	94.3	89.6	77.2
82.	Shashtri Tower Chowk	79.5	78.1	74.9	74.1	69.6	64.3	74.3	74.9	71.9	71.3	65.8	57.7	77.6	76.3	73.1	72.7	67.9	61.4	77.9	75.5	74.4	73.0	70.7	66.9	80.6	87.0	96.7	99.4	91.2	83.3
83.	Shanipeth Police Station	54.9	50.4	51.1	48.7	47.2	45.7	52.9	50.9	50.5	50.2	46.9	45.2	55.2	52.7	49.9	53.9	46.0	44.3	52.3	56.4	47.9	49.1	44.5	43.8	57.1	53.6	59.0	49.7	46.6	45.4
Kolhapur																															
84.	Rajaram Puri (Near Rajaram Puri)	79.2	84.6	72.9	85.2	70.6	58.8	74.4	67.9	73.3	76.7	66.2	55.6	89.5	90.0	86.3	77.6	84.4	69.7	85.9	90.8	92.6	88.4	95.6	94.0	91.1	102.0	105.8	94.2	92.7	94.4

Noise monitoring not carried out due to heavy rain

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
85.	Mahalaxmi Mandir	74.7	74.3	62.9	57.6	60.9	55.7	78.4	85.3	94.8	85.6	82.9	82.6	77.9	69.3	69.4	76.1	62.0	55.3	87.8	91.2	80.1	73.5	67.6	59.8	94.4	103.6	87.7	92.8	98.5	82.2
86.	Khas Baug Maidan (Near Khas Baug Maidan)	75.2	75.7	67.4	72.9	58.4	52.9	81.8	86.6	83.1	84.4	75.2	69.2	69.7	82.6	75.1	80.5	73.3	65.5	84.0	85.1	83.8	82.0	79.7	69.1	94.9	93.3	99.3	98.8	94.2	95.6
Sangli																															
87.	Miraj Market	68.4	71.4	71.0	74.6	70.3	62.3	70.0	70.7	69.3	69.3	67.8	62.8	67.7	68.9	68.2	66.1	65.1	64.7	70.8	72.8	73.4	77.0	83.7	80.9	84.3	88.3	87.9	90.4	92.2	92.2
88.	VishramBaugChawk	68.6	67.1	66.4	67.6	64.6	60.7	68.0	67.7	62.7	69.3	64.5	61.5	70.4	78.0	68.4	63.6	63.2	59.5	69.2	70.1	70.1	71.2	69.7	66.2	68.5	69.5	67.9	68.4	64.6	64.4
89.	Gandhi Putala (Ganpati Peth)	74.1	68.1	65.6	63.8	59.6	57.9	70.1	68.9	69.5	67.4	62.8	60.6	71.3	74.6	70.2	68.0	62.9	66.6	69.9	73.6	76.1	77.4	77.4	73.9	68.0	73.5	74.2	65.2	62.9	61.8
Mira-Bhyander																															
90.	Bhakti Vedant Hospital, Tenkar pada	72.9	71.2	73.2	74.7	81.0	73.2	75.2	79.4	79.1	76.2	72.4	70.9							65.4	65.1	65.7	62.7	58.1	62.7	66.7	68.0	67.9	66.0	68.2	69.2
91.	Golden police Chawki	65.1	66.4	68.8	55.7	65.8	58.6	66.5	70.0	79.7	74.6	69.5	70.6							73.8	75.5	75.7	74.1	74.9	74.4	67.3	68.1	66.2	67.2	67.6	72.6
92.	ShivajiChak Kashi meera	70.5	72.0	72.1	73.6	79.1	74.4	71.8	71.3	72.2	77.6	72.0	76.1							74.1	71.6	73.3	73.7	70.9	72.7	72.8	77.5	77.3	77.4	80.0	82.0
Vasai-Virar																															
93.	Range office, Satwali, Vasai East	78.2	72.5	80.8	68.5	67.7	75.5	67.5	73.0	73.7	76.6	68.3	61.5							72.7	71.2	71.0	70.7	71.4	69.7	68.9	69.4	67.9	72.5	74.7	74.2
94.	Valivphata, Vasai East	78.5	75.3	77.4	76.5	74.6	79.1	69.1	73.4	80.3	80.7	76.1	70.9							74.2	73.6	73.8	70.1	70.3	70.7	69.2	74.7	72.4	74.8	73.9	76.0
95.	N.B. Estate, Virar West	78.5	74.9	73.3	83.0	75.9	71.2	62.4	75.7	69.3	78.6	77.1	75.5							74.8	73.1	74.2	72.9	71.1	70.5	81.5	75.6	83.7	92.3	79.1	85.2
Ulhasnagar																															
96.	Gaol Maidan	65.7	65.2	66.2	67.8	70.0	74.2	72.1	73.1	70.6	75.8	76.9	70.0							70.8	79.8	84.6	81.7	82.3	87.3	82.9	71.4	83.5	75.9	75.6	77.4
97.	Doodh Naka, Ulhasnagr sector 5	70.6	70.5	73.3	70.3	71.3	68.2	78.1	73.3	79.6	80.5	79.6	74.1							69.3	74.1	77.5	86.5	88.1	89.2	86.2	84.2	84.8	83.8	88.7	94.4
98.	CHM college	73.7	73.8	74.5	74.5	73.6	76.9	72.1	76.1	71.4	72.6	78.4	77.2							68.3	69.4	69.7	68.6	63.8	64.6	75.0	78.1	78.5	79.2	81.7	83.1
Bhiwandi-Nizampur																															
99.	Dhamankar Naka	70.8	71.9	72.3	74.0	74.9	75.9	73.2	73.6	79.0	78.8	79.1	77.2							75.9	76.8	74.3	87.9	90.7	91.5	72.3	69.7	69.9	75.5	78.9	77.4
100.	Indira Gandhi Memorial Hospital	69.9	68.9	70.6	74.3	72.4	71.3	71.2	70.6	69.5	69.0	65.3	59.3							70.5	69.3	75.9	84.8	79.4	75.0	77.9	70.7	74.8	73.8	81.8	60.5
101.	Shelar Near Nadinaka	73.0	71.3	74.6	75.9	75.6	74.1	73.0	71.9	79.2	82.6	78.7	77.2							69.6	70.2	74.2	81.7	79.1	81.4	84.0	76.5	76.9	74.3	68.9	74.8

Noise monitoring not carried out due to heavy rain

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18.00	19.00	20.00	21.00	22.00	23.00	18.00	19.00	20.00	21.00	22.00	23.00	18.00	19.00	20.00	21.00	22.00	23.00	18.00	19.00	20.00	21.00	22.00	23.00	18.00	19.00	20.00	21.00	22.00	23.00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19.00	20.00	21.00	22.00	23.00	00.00	19.00	20.00	21.00	22.00	23.00	00.00	19.00	20.00	21.00	22.00	23.00	00.00	19.00	20.00	21.00	22.00	23.00	00.00	19.00	20.00	21.00	22.00	23.00	00.00
Chandrapur																															
102.	Govt. Hospital	72.1	71.5	69.6	69.1	69.6	66.6	70.5	70.0	70.9	71.5	68.5	62.8	72.2	71.3	70.8	70.1	63.2	63.3	69.9	72.3	73.2	65.5	67.3	64.7	83.9	81.4	84.3	85.8	87.1	86.7
103.	Gandhi Square	76.0	76.0	80.8	85.7	70.2	67.8	75.1	79.4	79.3	82.3	75.0	70.2	77.2	77.9	75.9	74.8	76.0	68.6	76.3	79.6	77.7	76.0	73.3	69.1	101.0	99.4	103.4	99.3	99.9	92.7
104.	Jatpura Gate	76.2	80.8	78.9	79.1	75.0	69.5	80.8	79.7	77.8	75.5	74.4	71.2	81.2	80.5	78.6	83.1	73.5	69.9	80.1	81.1	80.1	77.6	73.1	66.2	92.8	92.8	98.4	96.6	99.0	98.9
Nanded-Waghala																															
105.	Ganesh Nagar, Municipal Corpartion, Nanded	80.3	78.6	75.2	71.1	66.7	62.5	78.0	80.1	78.2	71.5	65.0	57.6	73.0	74.6	72.9	69.2	63.8	52.2	72.9	76.2	75.9	68.4	63.8	59.1	74.5	79.1	76.4	71.8	69.4	65.2
106.	Shivaji Nagar	90.2	87.4	83.1	79.2	74.6	70.8	76.2	75.8	68.9	69.1	59.3	58.4	69.4	72.1	71.3	67.4	64.9	60.7	67.3	69.1	68.1	64.0	60.7	53.9	76.8	82.1	84.7	81.9	75.9	67.2
107.	Shree Guru Govindsing Govt. Medical College & Hospital	78.3	76.2	73.5	71.1	68.4	66.5	79.1	80.7	79.6	70.9	69.2	63.7	73.2	75.1	70.1	67.8	62.8	58.2	70.8	76.1	73.4	69.1	62.4	60.1	73.6	78.4	82.6	77.8	74.1	70.9
Ahmednagar																															
108.	KotalaChawk	74.0	79.2	82.4	79.4	80.1	75.0	70.3	71.5	74.6	75.3	72.6	65.3	60.4	65.7	71.6	73.4	70.8	63.7	79.5	80.4	78.5	75.1	68.5	65.2	97.4	100.5	99.5	89.7	85.4	70.1
109.	Chitale Road	74.1	76.8	80.4	82.0	77.4	70.6	69.5	70.8	75.9	80.4	79.4	69.4	65.4	69.7	72.4	76.8	71.4	65.7	78.2	82.6	80.4	76.5	70.1	65.2	95.7	99.5	101.4	91.4	89.4	74.1
110.	Old Bus Stand	79.4	82.1	77.5	78.1	71.9	70.4	68.7	71.4	74.8	80.4	75.4	67.5	68.2	69.1	70.4	72.6	66.4	61.7	78.4	80.5	84.6	72.4	68.4	65.3	87.4	91.4	100.4	98.3	81.4	75.2
Dhule																															
111.	AgrasenChawk	80.4	82.8	85.5	88.5	64.5	62.5	65.3	69.5	78.4	80.4	75.4	60.1	60.8	65.2	69.7	72.5	68.4	60.2	81.2	84.2	78.5	71.5	65.2	65.0	74.1	78.4	84.2	89.7	78.5	67.4
112.	FulwalaChawk	67.1	71.5	55.8	59.7	61.8	66.6	70.5	71.6	77.2	78.3	71.9	62.5	70.4	71.6	72.8	76.4	69.7	65.4	78.5	80.1	79.5	74.3	68.4	65.4	74.1	85.3	84.5	89.5	84.5	74.2
113.	Santoshi Mata Chawk	95.0	96.0	97.0	71.4	70.9	68.4	69.3	69.9	75.8	78.3	68.4	64.7	65.1	68.9	72.4	70.9	69.7	65.4	71.5	78.9	85.2	79.5	70.8	66.1	78.5	81.4	88.4	89.9	78.4	68.5
Malegaon																															
114.	Mosampur	79.0	85.5	71.5	90.8	75.8	84.3	61.4	72.4	75.9	78.5	68.7	62.4	68.5	70.5	74.9	72.1	68.4	63.1	76.4	75.2	80.5	78.5	68.4	65.4	74.0	84.1	98.7	76.4	74.8	69.7
115.	Satana Naka	88.2	79.9	75.5	82.0	76.3	81.8	60.3	71.2	74.8	79.5	67.4	65.2	60.2	65.9	72.1	73.4	65.2	59.8	70.9	78.2	79.5	76.8	68.4	66.4	68.4	85.4	88.4	77.1	75.4	68.5
116.	Malegaon Camp	80.3	68.5	74.3	75.0	83.8	81.7	68.5	72.5	75.8	78.2	68.7	64.5	62.4	65.1	71.2	73.4	68.7	60.4	70.6	82.4	85.7	80.9	70.4	65.0	67.4	77.4	75.1	70.8	68.4	65.1
Pimpri-Chinchwad																															
117.	ChaphekarChawk, Chinchwad Gaon	73.2	76.4	79.8	81.6	86.7	82.9	74.8	81.7	79.3	84.2	74.8	71.6	71.6	74.2	77.9	79.4	69.8	70.4	74.7	81.4	87.6	91.3	87.3	71.8	78.3	89.7	84.5	93.7	99.1	99.7
118.	Shanti Nagar (Pimri)	63.9	66.4	67.3	76.5	73.9	74.1	68.7	73.9	76.8	74.7	71.6	62.9	68.3	71.4	83.4	78.6	81.7	67.5	77.8	74.6	81.1	83.9	74.7	66.4	85.6	96.4	93.7	103.7	98.4	101.2
119.	BosariGaonthan	65.8	73.5	70.6	73.9	74.8	69.1	73.8	82.6	79.8	83.7	82.4	67.3	74.5	78.6	87.6	79.8	79.2	68.4	70.6	81.4	91.3	88.4	74.5	65.8	69.4	87.3	97.3	84.7	78.9	71.2

Noise monitoring not carried out due to heavy rain

Sr. No.	Location name (details)	25 th August 2017 Friday						26 th August 2017 Saturday						29 th August 2017 Tuesday						31 st August 2017 Thursday						5 th September 2017 Tuesday					
		18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00	18:00	19:00	20:00	21:00	22:00	23:00
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00	19:00	20:00	21:00	22:00	23:00	00:00
		Parbhani																													
120.	ShivajiChawk, Parbhani	69.7	78.5	80.4	78.1	69.2	62.0	73.9	80.4	76.5	72.0	68.4	53.0	74.3	75.1	70.3	68.4	64.3	60.2	72.1	73.1	71.5	68.9	64.8	61.8	76.2	79.4	83.4	80.1	75.1	69.0
121.	Shivaji Maharaj Putala, (near S.P. Office)	73.6	80.4	83.5	86.4	74.9	65.5	79.1	82.8	78.2	73.9	73.8	64.1	75.1	76.3	74.9	70.6	69.4	64.8	73.1	75.8	75.1	69.1	67.9	64.8	80.4	81.6	83.5	78.5	73.6	69.1
122.	Raigad Corner, Jintur road, Parbhani	68.3	69.8	78.9	73.1	68.4	57.9	75.1	76.2	70.5	65.9	56.2	51.9	68.4	72.1	70.7	69.1	64.2	57.6	65.8	73.5	71.9	68.4	64.9	52.1	70.2	73.5	78.9	72.6	69.1	62.5
		Latur																													
123.	Ganjgolai	98.6	104.2	92.5	85.4	58.2	60.0	81.0	83.7	80.3	78.3	67.1	61.8	73.5	75.1	73.5	70.1	69.3	67.8	75.9	78.1	76.9	71.5	68.5	67.0	75.9	83.4	80.6	77.9	73.1	66.6
124.	Kesharaj High school, Sham nagar	88.5	92.1	85.4	65.5	79.2	58.1	75.9	78.0	77.5	72.1	62.8	58.6	70.6	73.6	72.4	69.2	64.8	59.4	68.1	70.9	73.4	67.1	64.9	61.2	71.6	78.9	81.4	76.8	70.5	67.2
125.	Aadarsh Colony	102.2	98.6	96.2	82.4	65.0	59.2	72.9	76.0	71.5	62.8	57.3	52.6	69.3	73.1	70.5	68.4	64.3	61.9	72.6	71.5	70.1	67.8	61.8	58.4	82.4	88.3	92.6	89.4	76.2	72.8
		Akola																													
126.	Collector Office	71.5	70.7	72.7	66.0	63.3	50.2	68.6	67.4	72.8	64.0	61.1	48.4	69.9	72.6	70.4	66.6	60.7	47.7	71.4	72.7	73.6	68.7	62.8	52.6	74.3	75.3	73.0	69.5	65.0	59.6
127.	Civil line Chawk / Ratanlal plot	73.8	71.6	76.2	70.3	66.6	55.6	71.1	70.3	74.2	68.2	62.2	53.7	70.9	72.3	73.8	71.3	62.3	53.9	71.9	72.7	73.1	70.9	65.0	58.8	75.3	76.3	73.4	73.7	67.5	61.6
128.	City KotawaliChawk near police station	77.2	77.7	81.0	73.1	71.4	59.4	75.2	74.4	78.9	71.1	69.3	56.7	77.9	75.3	78.7	68.8	63.9	54.6	77.4	77.8	78.5	77.3	70.0	60.2	78.1	78.4	82.6	75.0	72.9	64.0
		Solapur																													
129.	Balives	80.3	71.2	71.0	65.3	65.0	75.9	69.3	71.6	67.8	68.6	70.3	67.0	76.1	72.3	72.4	68.6	71.2	75.6	70.8	78.7	74.5	67.4	68.1	70.9	83.3	85.9	90.3	92.3	91.6	84.6
130.	Ashok Chowk	81.5	84.3	78.6	65.0	68.5	62.5	67.7	70.4	70.2	68.9	70.3	71.2	77.8	71.5	70.5	72.6	78.1	67.3	76.4	72.2	75.6	78.9	75.2	78.4	74.6	84.3	90.3	92.1	88.3	78.1
131.	Hotgi and Vijapur road	71.0	78.7	82.6	73.0	68.7	66.6	73.2	75.1	72.7	71.4	68.3	70.8	72.7	68.2	67.5	72.2	75.1	69.1	71.8	73.4	72.4	71.1	71.5	68.0	81.1	79.7	79.6	84.3	82.0	78.5
132.	SaatRastta Railway Station	65.6	72.3	76.5	78.2	69.3	65.7	71.3	76.8	69.3	79.8	81.3	71.8	63.4	75.2	70.2	70.7	68.8	72.9	78.6	69.6	71.6	75.6	73.6	78.2	65.9	70.2	70.4	73.0	74.1	77.0
		Panvel																													
133.	Utsav Chowk, Kharghar	73.4	73.0	80.6	72.3	75.6	69.8	69.7	72.1	75.7	72.9	71.1	72.1							63.2	63.5	63.2	64.6	66.4	67.5	76.1	75.5	76.2	76.7	76.1	78.6
134.	Old Panvel, Panvel Corporation Building	77.7	72.3	71.3	75.4	68.7	61.8	77.7	77.1	77.0	73.5	68.3	66.1							71.1	77.0	77.6	72.8	74.2	71.8	74.8	79.4	82.8	85.4	86.5	85.5
135.	Khanda Colony, New Panvel	74.4	78.3	78.2	79.9	67.1	58.6	82.5	73.6	71.5	69.3	78.6	69.2							62.2	65.4	66.0	67.0	66.7	67.7	82.1	78.4	83.6	82.6	77.8	77.1

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