

Monitoring of Noise Pollution during Ganesh Festival, 2007



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FOREWORD

This report is based on the measurement of noise levels by the Board in 12 cities / towns and at 137 locations during the Ganesh festival, September, 2007. It was observed that the noise levels were exceeding the permissible limits in all cities and almost at all locations.

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Member Secretary
September 26,2007.

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Monitoring of Noise Pollution during Ganesh Festival, 2007

1. Introduction

Ganesh festival is one of the main festivals in Maharashtra. This festival is also celebrated as community festival. Festival duration is of 10 days. After 10 days, Ganesh idols are immersed in water bodies. Large number of people participate in the festival and immersion procession on the last day. Vocal music and musical instruments during the festival causes high levels of noise. In general, ambient levels of noise poll increase considerably.

In order to access the situation of noise levels in various cities in the state of Maharashtra, Board has carried out the survey for 5 days during Ganesh festival in the month of September 21st to 25th, 2007. Following is the report.

2. Noise Pollution and Its Effect on Human Health

Noise pollution is undesirable sound. One measure of noise pollution is the danger it poses to health. Noise causes stress, can be the cause of illness and create annoyance. Therefore, any form of noise can be considered pollution if it causes annoyance, sleeplessness, fright, or any other stress reaction.

Noise is transient; once the pollution stops, the environment is free of it. This is not the case for chemicals, sewage, and other pollutants introduced into the air, soil, or water.

Other forms of pollution can be measured, and scientists can estimate how much material can be introduced into the environment before harm is done. We can measure individual sounds that may damage human hearing, but it is difficult to monitor cumulative exposure to noise.

The response to noise pollution itself is highly subjective. To some people the roar of an engine is satisfying or thrilling; to others it is

an annoyance. Loud music may be enjoyable or a torment, depending on the listener and the circumstances

3. Noise Level Measurement and Noise Pollution Standards

Noise is often measured in decibels (dBA). A symbol indicates a measurement of a logarithmic scale. In each case, the actual measurement 'a' is compared to a fixed reference level 'r' and the "decibel" value is defined to be $10 \log_{10} (a/r)$. 'A' weighing filters out lower frequencies very severely. Fast responses closely match to the simulations of human ear sensitivity. Fast response (125 to 200 milli-seconds) was selected to measure noise levels. The human response to Noise depends upon the frequency of the sound, the type of noise (continuous, intermittent or impulsive) and the time (day or night) it occurs.

Noise has been recognised as ambient air pollutant. Standards in this regard are laid down under The Environment (Protection) Act, 1986 (and rules made there under) and under the Model Rules of the Factories Act, 1948 for occupational health and safety purposes.

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

Area Code	Category of Area	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

Note:

1. Day time is reckoned in between 6 a.m and 9 p.m.
2. Night time is reckoned in between 9 p.m and 6 a.m.
3. Silence zone is referred as areas up to 100 meters around such premises 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.

4. Methodology of the Survey

The noise pollution monitoring survey was carried out during September 21st to 25th,2007. Noise level measurement was done during 19.00 hrs to 24.00 hrs. The monitoring was carried out at distances of 50 meters and 100 meters around Ganesh pandals/ source of noise pollution. The frequency of the monitoring was twice in a day, for a minimum period of 30 minutes. The noise levels were also recorded at few selected places during 19.00 to 24.00 hrs where festival procession was not there. This was done for comparison of noise levels in festival area and outside/ far away places.

5. Following are the names of cities and no of stations in each city covered during the survey:

MUMBAI

Sr. No.	Location	Pandal
1.	Mulund	Sargam Mitra Mandal R.H.B. Road Mumbai 80
2.	Bhandup	Jay Bajrang Mitra Mandal (Bhandup Samrat) Bandup Station Road (W)
3.	Vikroli	Balmitra kala Mandal Vijay Hous Vikroli Station Road Vikroli (W)
4.	Ghatkopar	Amar Mitra Mandal Gopal Lan Ghatkopar (E)
5.	Chembur(West)	Sahyadri Krida Mandal Tilk Nager Chembur
6.	Bandra	Sarvjanik Ganeshutsav Mandal Sr.A 2329 , S.V. Road, Bandra (E)
7.	Andheri	Azad Nager Sarvjanik Utsav Samiti Azad Nager Sr. 2, Vir Dasai Marg Andheri (W) Sr. J.B.B.S.D. 540
8.	Juhu Chowpati	Om Kareshver Siv Mandir (Trast) Fort Juhu Choupati
9.	Khar	Khar Sarvjanik Ganeshutsav Mandal Sr. 1441 34/35 Shrma Bilding 4th Road Khar Police Station Opp. (W)
10.	Borivli	Manav Mitra Mandal LT Road, Borivli (W) Mumbai 400092
11.	Kandivali (West)	Balla Mitra Mandal Behind Poisur Depot i Near Ganesh Medics. Kandivali (W)
12.	Dadar (West)	Sanapati Bapat Marg Sarvjanik Ganeshutsav Mandal Dadar (W)
13.	Parel	Sarvjanik Ganeshutsav Mandal Bal Gopal Mandal Parel (W) Tata Mils Compound Parel
14.	Byculla	Byculla Sarvjanik Ganeshutsav Mandal, Dr. Ambadkar Marg, Byculla (E) - 27
15.	Chinchpokali (W)	Parshiwadi Mitra Mandal Aathar Road Naka Sarvjanik Ganeshutsav Mandal
16.	Chinchpokali (E)	Lalbag Raja Sarvjanik Ganeshutsav Mandal
17.	Mumbai Central	Belasis Road, B.I.T. Chwal Mumbai Central Mumbai- 400008
18.	Grant Road	Saltar Road Sarvjanik Ganeshutsav Mandal Grant Road (W)
19.	Girgoan Chowpati	Akhil Choupati Bhorvi Lan Girgaon Choupati Sarvjanik Ganesh utsav Mandal Mumbai

		400006
20.	Elphinston	Shiv Sai Sarvjanik Ganeshutsav Mandal B. M. Marg Elphinston Road, Mumbai 400013
21.	Wadala	G.B.S. Sarvjanik Ganeshutsav Mandal Wadala Road, Wadala Mumbai 400028
22.	Dadar (East)	
23.	Kandivali (East)	
24.	Santacruz (West)	
25	Chembur(East)	
	Total no. of stations	25

LOCATIONS IN OTHER CITIES

Sr.No	City	Location
1	Navi Mumbai	Sector-2, Koparkhairne
2		Sector-15, Airoli
3	Thane	Gaodevi, near Railway Station
4		Hari Nivas
5		Tembhi Naka
6		Jambhali Naka
7		Panchpakhadi
8	Aurangabad	Gulmandi
9		Mahatma Phule Chowk
10		Nirala Bazar
11		City Chowk
12		Shahganj
13	Nashik	Shalimar Chowk
14		Bhadrakali Chowk
15		Ravivar Karanja
16		Ashokstambha
17		Malegaon stand
18	Nagpur	Ram Nagar Square
19		Zasirani Square

20	Medical Square
21	Reshimbag Square
22	Kamal Square
23	Badkas Chowk
24	Sarvajanik Ganesh Utsav Mandal, Marartoli, Ram Nagar, Nagpur
25	Ekta Ganesh Mandal, Hill Top, Nagpur
26	Sarvajanik Superstar Ganesh Mandal, Kachipura, Dikshabhumi, Nagpur
27	Tarun Ganesh Mandal, Dhantoli, Nagpur
28	Ashtavinayak Ganesh Mandal, Dhantoli, Nagpur
29	Vithal Rukmini Mandir, Ganesh Mandal, Sitabuldi, Nagpur
30	Shree Shankar Vilas Sarvajanik Ganesh Cotton Market, Nagpur
31	Shree Chitnis Park, Sarvajanik Ganeshotsav Mandal, Chitnis Park, Nagpur
32	Shree Nutan Ganesh Mandal, Gandhi Putla, Nagpur
33	Shree Ashok Stambh Ganesh Mandal, Gandhi Putla, Nagpur
34	Shree Santi Sarvajanik Ganeshsotsav Mandal, Santi Road, Itwari High school, Nagpur
35	Shree Nagpurcha Raja Ganesh Mandal, Reshimbag, Nagpur
36	Virendra Smruti Sarvajanik Ganesh Utsav Mandal, Gurudev Nagar, Hudkeshwar, Nagpur
37	Bal Ganesh Mandal, New Nehru Nagar, Nagpur
38	Trilebhya Mahila Ganesh Utsav Mandal, New Subhedar Ley Out, Nagpur
39	Bal Ganesh Mandal, Civil Lines, Nag Bhavan, Nagpur
40	Sadar Yuth Club, Ganesh Mandal, Sadar, Nagpur
41	Sarvajanik Ganesh Mandal, Gittikhadan, Nagpur
42	Trilebhya Mahila Ganesh Utsav Mandal, New Subhedar Ley Out, Nagpur

43		Futala Lake 1
44		Futala Lake 2
45		Sonegaon Lake 1
46		Sonegaon Lake 2
47		Vikas Nagar Khada
48		Sakardara Lake 1
49		Sakardara Lake 2
50		Medical Square
51		Gandhi Sagar
52		Sakardara Lake 1
53		Sakardara Lake 2
54		Sitabuldi
55		Tukdoji Putala
56		Futula Lake 3
57	Wardha City	Zanshi Chowk
58		Ram Nagar
59		Main Market Area
60		Near Cotton Market
61		Near Hanuman Tekdi
62		Pawnar Bridge
63	Kalyan	Bhiwandi
64		Ulhas Nagar
65		Dombivali/Kalyan
66	Ahmednagar	Swasthik Chowk
67		Netaji Chowk
68		Kapad Bazar
69		Sawedi
70	Jalgaon	Near Jalgaon Municipal Corporation
71		Navi Peth
72		Subhash Chowk
73	Dhule(One day monitoring)	Dhule Municipal Corporation
74		Sakri Road, Income Tax Office
75		Devpur
76		80 Feet Road near Masjid
77		Swami Samarth Temple
78		Phule Bazar
79		Hanuman Tekadi Sakri Road

80		Collector Office
81	Kolhapur	Kasba Bawda
82		Shivaji Chowk
83		Rajarampuri
84	Satara	Powai Naka
85		Rajwada
86		Moti Chowk
87	Chandrapur	Mahakali Chowk
88		Gandhi Chowk
89		Jatpura Gate
90		Priyadarshini Chowk
91		Warora Naka
92	Pune	Rasta Peth Area (Jawahar Mandal)
93		Ganesh peth area(Dula Maruti chowk)
94		Dagdushet Halwai Ganapathi
95		Babu Genu Chowk
96		Mahatma Phule Mandai Ganapathi
97		Khadakmal Ganapathi
98		Swargate Area(Police Line Mandal)
99		Hirabaug Ganapathi
100		Alka Theatre Area(Samaj Vikas Mandal)
101		Deccan Area(Nav Chaitanya Mandal)
102		Belbaug Chowk
103		Ganapathi Chowk
104		Nagarkar Talim Chowk
105		Kunte Chowk
106		Shagun Chowk
107		Vijay Talkies Chowk
108		Holkar Chowk
109		Sambhaji Chowk
110	Amravati	Rajkamal Square
111		Rajapeth Square
112		Irwin Square
	TOTAL	112

Total No. of locations monitored during 21.09.2007 to 25.09.2007=137

6. Noise Levels at Various Locations in different Cities.

In different cities various locations were monitored for noise pollution from the 21st to the 25th of September 2007 between 19.00 to 24.00 hrs. At every location two sets of readings were taken, one at 50 m from the the pandal the other at 100m. Also one set of reading was taken from 19.00 hrs to 21.00 hrs and the other from 22.00 hrs to 24.00 hrs. On the final day i.e. 25th September the readings were taken mostly from the immersion point in different cities. The noise levels at various locations are tabulated in **Tables 1 to 18**.

Noise Levels in Mumbai

Table 1: Sound level dB (A) Leq: Date 21.09.2007 Friday

Sr. No.	Location	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
1	Mulund	79.2	69.5	74.4	68.2
2	Bhandup	79.6	72.1	72.9	67.8
3	Vikroli	84.5	70.9	76.5	68.9
4	Ghatkopar	85.5	73.1	76.5	68.6
5	Chembur	84.3	71.2	79.8	68.5
6	Bandra	78.3	76.5	74.9	74.2
7	Andheri	76.2	73.2	72.9	70.5
8	Juhu Choupati	83.4	81.2	78.9	76.8
9	Khar	79.2	76.2	76.2	72.9
10	Borivali	76.1	74.6	73.9	72.3
11	Kandivali	83.1	80.1	77.2	76.2
12	Dadar	80.2	77.5	76.1	72.9
13	Parel	78.9	74.9	74.1	71.8
14	Byculla	75.2	73.8	71.9	72.4

15	Chinchphokali (W)	77.5	74.2	74.1	70.9
16	Chinchphokali (E)	89.2	86.2	79.3	78.2
17	Mumbai Central	80.9	78.6	75.9	74.3
18	Grant Road	76.9	75.4	72.3	72.3
19	Girgaon Choupati	73.2	70.9	71.5	68.9
20	Elphiston	78.1	76.4	75.8	73.4
21	Wadala Road	77.2	75.2	74.9	72.9
22.	Dadar (East)	88	-	90	-
23.	Kandivali (East)	88	-	91	-
24.	Santacruz (West)	89	-	91	-
25	Chembur(East)	68	-	67	-

Table 2: Noise Levels in Mumbai

Sound level dB (A) Leq: Date 22.09.2007 Saturday

Sr. No.	Location	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
1	Mulund	71.5	68.1	74.6	68.2
2	Bhandup	72.5	67.9	70.1	67.5
3	Vikroli	74.2	73.1	76.6	68.9
4	Ghatkopar	71.0	68.3	76.0	67.1
5	Chembur	73.5	70.1	72.6	69.2
6	Bandra	83.0	79.1	71.0	69.5
7	Andheri	74.2	71.9	72.0	70.5
8	Juhu Choupati	89.1	83.9	68.1	64.7
9	Khar	86.0	73.7	66.8	63.4
10	Borivali	84.7	77.2	72.6	68.4
11	Kandivali	92.3	82.8	80.7	78.4
12	Dadar	81.0	78.0	74.6	73.8
13	Parel	80.0	76.0	77.9	75.4
14	Byculla	83.2	77.5	74.1	72.9

15	Chinchphokali (W)	83.5	76.9	75.2	73.1
16	Chinchphokali (E)	83.9	91.2	74.9	73.8
17	Mumbai Central	79.2	77.1	75.2	72.1
18	Grant Road	78.1	73.2	74.8	72.4
19	Girgaon Choupati	75.9	73.8	74.2	72.9
20	Elphiston	78.1	74.3	75.7	73.4
21	Wadala Road	77.2	74.8	75.2	72.1
22.	Dadar (East)	92	-	94	-
23.	Kandivali (East)	94	-	95	-
24.	Santacruz (West)	95	-	92	-
25	Chembur(East)	82	-	87	-

Table 3: Noise Levels in Mumbai

Sound level dB (A) Leq: Date 23.09.2007 Sunday

Sr. No.	Location	Time/Distance from Source			
		1900 - 2100	1900 - 2100	2200 - 2400	2200 - 2400
		50 m	100 m	50 m	100 m
1	Mulund	76.2	73.1	72.5	71.2
2	Bhandup	77.8	75.1	74.5	72.6
3	Vikroli	73.9	71.5	74.2	71.2
4	Ghatkopar	78.1	74.6	76.3	72.8
5	Chembur	76.3	76.5	74.5	73.5
6	Bandra	76.8	72.4	70.5	67.2
7	Andheri	73.2	70.1	69.3	68.1
8	Juhu Choupati	69.8	68.9	72.3	70.5
9	Khar	78.1	74.2	74.1	69.8
10	Borivali	80.8	74.2	71.5	69.1
11	Kandivali	85.8	81.8	79.8	77.9
12	Dadar	80.7	78.1	74.6	73.8
13	Parel	80.0	76.5	77.9	75.4
14	Byculla	80.9	76.5	74.1	72.9
15	Chinchphokali (W)	82.1	74.3	75.2	73.1
16	Chinchphokali (E)	80.2	77.1	74.9	73.8
17	Mumbai Central	79.2	77.7	75.2	73.1
18	Grant Road	78.1	73.2	74.8	72.4
19	Girgaon Choupati	75.3	73.7	74.7	73.9
20	Elphiston	78.7	74.4	75.7	72.3
21	Wadala Road	78.5	75.8	75.2	72.0
22.	Dadar (East)	85	-	92	-
23.	Kandivali (East)	89	-	96	-
24.	Santacruz (West)	95	-	94	-
25	Chembur(East)	90	-	89	-

Table 4: Noise Levels in Mumbai

Sound level dB (A) Leq: Date 24.09.2007 Monday

Sr. No.	Location	Time/Distance from Source			
		1900 - 2100	1900 - 2100	2200 - 2400	2200 - 2400
		50 m	100 m	50 m	100 m
1	Mulund	80.2	76.3	74.9	72.9
2	Bhandup	81.0	78.1	76.5	75.2
3	Vikroli	81.3	76.6	78.8	76.1
4	Ghatkopar	82.2	78.1	76.4	75.4
5	Chembur	78.2	76.0	78.2	75.1
6	Bandra	63.9	59.7	65.3	55.1
7	Andheri	75.7	67.5	70.5	63.1
8	Juhu Choupati	86.9	81.8	71.5	71.5
9	Khar	76.2	74.3	70.8	70.8
10	Borivali	82.1	74.1	72.4	70.2
11	Kandivali	83.8	81.6	80.0	78.9
12	Dadar	83.7	80.4	82.7	78.9
13	Parel	84.5	77.7	82.2	76.7
14	Byculla	84.0	78.7	84.7	79.9
15	Chinchphokali (W)	85.9	79.9	84.1	79.7
16	Chinchphokali (E)	90.3	84.8	91.6	87.3
17	Mumbai Central	78.2	77.1	75.1	72.2
18	Grant Road	77.1	73.2	74.7	72.3
19	Girgaon Choupati	75.9	73.8	74.2	72.9
20	Elphiston	77.1	74.3	75.5	73.4
21	Wadala Road	76.2	73.8	75.1	73.2
22.	Dadar (East)	97	-	87	-
23.	Kandivali (East)	97	-	92	-
24.	Santacruz (West)	85	-	92	-
25	Chembur(East)	71	-	95	-

Table 5: Noise Levels in Mumbai

Sound level dB (A) Leq: Date 25.09.2007 Tuesday

Sr. No.	Immersion Location	Time/Distance from Source			
		1900 - 2100	1900 - 2100	2200 - 2400	2200 - 2400
		50 m	100 m	50 m	100 m
1	Pawai Talav	84.5	76.3	90.1	89.7
2	Pawai Talav	86.4	78.1	91.4	90.4
3	Pawai Talav	85.7	76.6	98.1	94.2
4	Dadar Choupati	87.2	78.1	92.9	90.9
5	Dadar Choupati	86.8	76.0	98.1	94.6
6	Warali Sea Face	88.5	78.3	93.3	92.1
7	Juhu Choupati	84.5	76.2	97.0	95.2
8	Juhu Choupati	86.4	75.3	98.1	94.6
9	Juhu Choupati	84.7	78.2	93.7	91.9
10	Gorai Beach	83.8	75.4	96.4	94.2
11	Gorai Beach	83.1	74.3	95.3	93.1
12	Dadar Choupati	93.3	82.5	91.9	90.8
13	Dadar Choupati	87.7	80.2	98.7	95.1
14	Girgaon Choupati	89.9	81.5	98.7	96.2
15	Girgaon Choupati	91.0	82.3	99.9	94.8
16	Girgaon Choupati	89.7	79.3	102.7	97.3
17	Girgaon Choupati	79.2	75.6	94.1	90.2
18	Girgaon Choupati	83.2	75.8	92.8	93.4
19	Girgaon Choupati	88.5	81.2	92.7	90.7
20	Girgaon Choupati	77.2	74.8	90.8	93.2
21	Dadar Choupati	78.1	72.6	94.2	92.7
22.	Dadar (East)	94	-	81	-
23.	Kandivali (East)	97	-	92	-
24.	Santacruz (West)	98	-	93	-
25	Chembur(East)	94	-	97	-

Table 6: Noise Levels in Thane

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Gaodevi, Near Railway station	21.09.2007	82.4	81	77	71.1
	22.09.2007	84.2	83.6	76.2	74.6
	23.09.2007	89.5	87.7	81.3	79.2
	24.09.2007	88.1	86.9	91.2	83.2
	25.09.2007	92.3	91.8	91.2	90
Hari Nivas	21.09.2007	86.7	84.2	70.6	59.2
	22.09.2007	87.3	83.4	69.3	62.2
	23.09.2007	92.9	88	73.3	69
	24.09.2007	83.5	82.9	82.8	78.6
	25.09.2007	88.6	87.9	92.4	86.7
Tembhi Naka	21.09.2007	87	84.7	76.2	76.2
	22.09.2007	88.3	78	75.6	75
	23.09.2007	91.3	90.1	77.6	72.6
	24.09.2007	89.7	88.3	86.3	85.4
	25.09.2007	88.3	87	89.3	88
Jambhali Naka	21.09.2007	83.4	76	69	65
	22.09.2007	82.1	74.4	71.2	69
	23.09.2007	78.6	77.4	71.2	69.1
	24.09.2007	89.2	87	83.5	78.6
	25.09.2007	91.5	87.4	89.8	78.5
Panch Pakhadi	21.09.2007	83.2	80.4	72.4	69.3
	22.09.2007	83.5	80	73.1	69
	23.09.2007	89.3	83.9	69.4	67.2
	24.09.2007	90.5	89.6	82.7	80.9
	25.09.2007	91.6	90.6	88.3	90.3

Table 7: Noise Levels in Aurangabad

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Gulmandi	21.09.2007	82.3	76.2	75.4	71.2
	22.09.2007	95.4	84.6	77.6	77.2
	23.09.2007	76.6	78.2	80.4	74.7
	24.09.2007	84.5	79.4	77.5	76.2
	25.09.2007	77.6	76.1	82.4	97.6
Mahatma Phule Chowk, Aurangpura	21.09.2007	83.8	79.9	71.3	75
	22.09.2007	80.9	77.4	69.2	66
	23.09.2007	87.2	77.4	81.3	73.8
	24.09.2007	78.5	76.7	72.7	69.2
	25.09.2007	75.8	72.4	101.6	100.4
Nirala Bazar	21.09.2007	81.4	77.6	73.6	72.2
	22.09.2007	84.3	83.9	60.6	114.1
	23.09.2007	79.6	78.1	68.6	60.4
	24.09.2007	77.3	68.9	79.5	69.4
	25.09.2007	77.8	74.2	87.9	90.2
City Chowk	21.09.2007	82.9	80.9	71.8	71.1
	22.09.2007	92.7	83.4	78.4	78.3
	23.09.2007	83	78.2	81.5	73.8
	24.09.2007	85.4	79.4	75.6	75.9
	25.09.2007	95.8	91.4	84.9	93.6
Shahganj	21.09.2007	84.7	82.2	74	69.6
	22.09.2007	84	82.5	72.5	72.9
	23.09.2007	90.3	80.5	79.8	71.8
	24.09.2007	79.6	75.7	75.5	65.2
	25.09.2007	87.5	92.6	85.2	87.1

Table 8: Noise Levels in Kolhapur

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Kasba Bawda	21.09.2007	83.3	-	56.9	-
	22.09.2007	83.3	-	92.6	-
	23.09.2007	88.2	-	94.7	-
	24.09.2007	89.1	-	85.9	-
	25.09.2007	101.1	-	104.4	-
Shivaji Chowk	21.09.2007	80.3	-	80.2	-
	22.09.2007	83.6	-	91.8	-
	23.09.2007	91.1	-	91.7	-
	24.09.2007	95.2	-	87.4	-
	25.09.2007	99.8	-	105.4	-
Rajarampuri	21.09.2007	79.1	-	79.1	-
	22.09.2007	90.8	-	92.2	-
	23.09.2007	93.7	-	94.5	-
	24.09.2007	88.7	-	88.6	-
	25.09.2007	90.1	-	103.5	-

Table 9: Noise Levels in Navi Mumbai

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Sector-2, Koparkhairne	21.09.2007	91	-	90	-
	22.09.2007	89	-	88.4	-
	23.09.2007	88.9	-	93.1	-
	24.09.2007	88.4	-	86.6	-
	25.09.2007	88.5	-	100.6	-
Sector- 15, Airoli	21.09.2007	92	-	91	-
	22.09.2007	93	-	92.1	-
	23.09.2007	95.2	-	98	-
	24.09.2007	92.9	-	85.9	-
	25.09.2007	96.1	-	97.2	-

Table 10: Noise Levels in Nagpur City

Sound level dB (A) Leq: Date 15.09.2007 - 25.09.2007

Sr. No	Location	Date of survey	Time in Hours	Noise Level	
				Leq. dB(A)	Distance from sources in meters
1	Ram Nagar Square	15/09/2007	18.08	79.2 (dBA)	7
2	Zasirani Square	15/09/2007	18.19	82.5 (dBA)	8
3	Medical Square	15/09/2007	18.29	81.9 (dBA)	5
4	Reshimbag Square	15/09/2007	18.52	89.2 (dBA)	5
5	Kamal Square	15/09/2007	19	88.3 (dBA)	8
6	Badkas Chowk	15/09/2007	0.25	88.9 (dBA)	6
7	Sarvajanik Ganesh Utsav Mandal, Marartoli, Ram Nagar, Nagpur	19/09/2007	16.38	82.2 (dBA)	8.5
8	Ekta Ganesh Mandal, Hill Top, Nagpur	19/09/2007	16.43	75.5 (dBA)	6
9	Sarvajanik Superstar Ganesh Mandal, Kachipura, Dikshabhumi, Nagpur	19/09/2007	17.3	81.0 (dBA)	10
10	Tarun Ganesh Mandal, Dhantoli, Nagpur	19/09/2007	17.5	83.3 (dBA)	8
11	Ashtavinayak Ganesh Mandal, Dhantoli, Nagpur	19/09/2007	17.53	90.9 (dBA)	8
12	Vithal Rukmini Mandir, Ganesh Mandal, Sitabuldi, Nagpur	19/09/2007	18	92.7 (dBA)	8.5
13	Shree Shankar Vilas Sarvajanik Ganesh Cotton Market, Nagpur	19/09/2007	18.11	77.1 (dBA)	8
14	Shree Chitnis Park, Sarvajanik Ganeshotsav Mandal, Chitnis Park, Nagpur	19/09/2007	18.2	81.8 (dBA)	6
15	Shree Nutan Ganesh Mandal, Gandhi Putla, Nagpur	19/09/2007	18.34	87.2 (dBA)	5

16	Shree Ashok Stambh Ganesh Mandal, Gandhi Putla, Nagpur	19/09/2007	18.4	87.9 (dBA)	8
17	Shree Santi Sarvajanik Ganeshotsav Mandal, Santi Road, Itwari High school, Nagpur	19/09/2007	18.55	90.5 (dBA)	5
18	Shree Nagpurcha Raja Ganesh Mandal, Reshimbag, Nagpur	19/09/2007	19.23	90.6 (dBA)	8
19	Virendra Smruti Sarvajanik Ganesh Utsav Mandal, Gurudev Nagar, Hudkeshwar, Nagpur	19/09/2007	21.18	92.0 (dBA)	6
20	Bal Ganesh Mandal, New Nehru Nagar, Nagpur	19/09/2007	21.24	98.3 (dBA)	8.5
21	Trilebhya Mahila Ganesh Utsav Mandal, New Subhedar Ley Out, Nagpur	19/09/2007	21.32	98.2 (dBA)	8.5
22	Bal Ganesh Mandal, Civil Lines, Nag Bhavan, Nagpur	19/09/2007	22.00	59.3 (dBA)	5.5
23	Sadar Yuth Club, Ganesh Mandal, Sadar, Nagpur	19/09/2007	22.09	62.2 (dBA)	8
24	Sarvajanik Ganesh Mandal, Gittikhadan, Nagpur	19/09/2007	22.31	73.3 (dBA)	9
25	Sarvajanik Ganesh Utsav Mandal, Marartoli, Ram Nagar, Nagpur	23/9/2007	18.02	94.6 (dBA)	5
26	Ekta Ganesh Mandal, Hill Top, Nagpur	23/9/2007	18.09	95.8 (dBA)	6
27	Sarvajanik Superstar Ganesh Mandal, Kachipura, Dikshabhumi, Nagpur	23/9/2007	18.44	71.4 (dBA)	6.5
28	Tarun Ganesh Mandal, Dhantoli, Nagpur	23/9/2007	19	78.0 (dBA)	6.5
29	Ashtavinayak Ganesh Mandal, Dhantoli, Nagpur	23/9/2007	19.14	75.8 (dBA)	8

30	Vithal Rukmini Mandir, Ganesh Mandal, Sitabuldi, Nagpur	23/9/2007	20.17	80.5 (dBA)	6
31	Shree Shankar Vilas Sarvajanik Ganesh Cotton Market, Nagpur	23/9/2007	20.34	78.4 (dBA)	6
32	Shree Chitnis Park, Sarvajanik Ganeshotsav Mandal, Chitnis Park, Nagpur	23/9/2007	20.38	84.0 (dBA)	5.5
33	Shree Nutan Ganesh Mandal, Gandhi Putla, Nagpur	23/9/2007	20.54	84.1 (dBA)	6
34	Shree Ashok Stambh Ganesh Mandal, Gandhi Putla, Nagpur	23/9/2007	21.01	88.9 (dBA)	6
35	Shree Santi Sarvajanik Ganeshotsav Mandal, Santi Road, Itwari High school, Nagpur	23/9/2007	21.07	89.8 (dBA)	5
36	Shree Nagpurcha Raja Ganesh Mandal, Reshimbag, Nagpur	23/9/2007	21.16	91.3 (dBA)	5.5
37	Virendra Smruti Sarvajanik Ganesh Utsav Mandal, Gurudev Nagar, Hudkeshwar, Nagpur	23/9/2007	21.32	93.8 (dBA)	5
38	Bal Ganesh Mandal, New Nehru Nagar, Nagpur	23/9/2007	21.38	92.4 (dBA)	6
39	Trilebhya Mahila Ganesh Utsav Mandal, New Subhedar Ley Out, Nagpur	23/9/2007	21.48	92.8 (dBA)	6.5
40	Bal Ganesh Mandal, Civil Lines, Nag Bhavan, Nagpur	23/9/2007	21.56	96.3 (dBA)	5
41	Sadar Yuth Club, Ganesh Mandal, Sadar, Nagpur	23/9/2007	21.58	77.7 (dBA)	6
42	Ekta Ganesh Mandal, Hill Top, Nagpur	24/9/2007	17.35	80.0 (dBA)	5

43	Tarun Ganesh Mandal, Dhantoli, Nagpur	24/9/2007	18.14	81.7 (dBA)	8
44	Ashtavinayak Ganesh Mandal, Dhantoli, Nagpur	24/9/2007	18.36	81.9 (dBA)	6
45	Shree Shankar Vilas Sarvajanik Ganesh Cotton Market, Nagpur	24/9/2007	18.55	85.0 (dBA)	8
46	Shree Chitnis Park, Sarvajanik Ganeshotsav Mandal, Chitnis Park, Nagpur	24/9/2007	19.13	86.8 (dBA)	5
47	Shree Nagpurcha Raja Ganesh Mandal, Reshimbag, Nagpur	24/9/2007	19.37	87.7 (dBA)	6
48	Ekta Ganesh Mandal, Hill Top, Nagpur	24/9/2007	19.53	86.8 (dBA)	7
49	Shree Chitnis Park, Sarvajanik Ganeshotsav Mandal, Chitnis Park, Nagpur	24/9/2007	20.57	87.9 (dBA)	6
50	Shree Ashok Stambh Ganesh Mandal, Gandhi Putla, Nagpur	24/9/2007	21.24	87.7 (dBA)	5.4
51	Shree Nagpurcha Raja Ganesh Mandal, Reshimbag, Nagpur	24/9/2007	21.37	88.6 (dBA)	5.5
52	Sadar Yuth Club, Ganesh Mandal, Sadar, Nagpur	24/9/2007	22.11	89.5 (dBA)	6
53	Bal Ganesh Mandal, Civil Lines, Nag Bhavan, Nagpur	24/9/2007	22.17	93.2 (dBA)	7
54	Futala Lake 1	25/9/2007	18.05	91.8 (dBA)	8
55	Futala Lake 2	25/9/2007	18.12	91.7 (dBA)	8
56	Sonegaon Lake 1	25/9/2007	18.56	91.1 (dBA)	8
57	Sonegaon Lake 2	25/9/2007	19.01	92.8 (dBA)	8
58	Vikas Nagar Khada	25/9/2007	19.37	92.3 (dBA)	8
59	Sakardara Lake 1	25/9/2007	20.53	83.0 (dBA)	8
60	Sakardara Lake 2	25/9/2007	21.03	77.2 (dBA)	10
61	Medical Square	25/9/2007	21.15	78.9 (dBA)	10
62	Gandhi Sagar	25/9/2007	21.29	81.6 (dBA)	10
63	Sakardara Lake 1	25/9/2007	23.14	95.3 (dBA)	10
64	Sakardara Lake 2	25/9/2007	23.27	94.4 (dBA)	8
65	Sitabuldi	25/9/2007	23.59	96.7 (dBA)	10
66	Tukdoji Putala	25/9/2007	23.43	96.2 (dBA)	9
67	Futala Lake 1	26/9/2007	0.35	97.0 (dBA)	8

68	Futala Lake 2	26/9/2007	0.42	79.4 (dBA)	9
69	Futala Lake 3	26/9/2007	0.51	87.6 (dBA)	5
70	Gandhi Sagar 1	26/9/2007	1.13	88.2 (dBA)	7
71	Gandhi Sagar 2	26/9/2007	1.22	67.5 (dBA)	6

Table 11: Noise Levels in Wardha City

Sound level dB (A) Leq:

Noise level sampling during 1st, 5th & last day of Ganesh Festival

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Zanshi Chowk, Wardha.	15.09.2007	90.6	-	-	-
	20.09.2007	102.5	-	-	-
	25.09.2007	100.6	-	77.1	-
Ram Nagar, Wardha.	15.09.2007	97.7	-	-	-
	20.09.2007	101.8	-	-	-
	25.09.2007	97.3	-	75.6	-
Main Market area, Wardha	15.09.2007	98.8	-	-	-
	20.09.2007	101.5	-	-	-
	25.09.2007	97.1	-	74.6	-
Near Cotton Market, Wardha.	15.09.2007	98.8	-	-	-
	20.09.2007	101.7	-	-	-
	25.09.2007	88.7	-	73.2	-
Near Hanuman Tekdi, Wardha	15.09.2007	87.8	-	-	-
	20.09.2007	102.4	-	-	-
	25.09.2007	97.3	-	72.8	-
Pawnar Bridge	15.09.2007	83.1	-	-	-
	20.09.2007	101.6	-	-	-
	25.09.2007	99.8	-	87.2	-

Table 12: Noise Levels in Bhandara

Sound level dB (A) Leq: Date 15.09.2007 - 25.09.2007

Noise Monitoring carried out during Ganesh Festival at Bhandara.

Sr. No.	Name of Location	Date	Time	Observed (Leq) Values in dBA
01	Rajiv Gandhi Chowk, Bhandara.	15/09/2007	22.55	79.88
02	Civil Lines, Gondia.	15/09/2007	9.34	73.5
03	Rajiv Gandhi Chowk, Bhandara.	19/09/2007	20.12	69.0
04	Civil Lines, Gondia.	19/09/2007	9.15	74.0
05	Rajiv Gandhi Chowk, Bhandara.	25/09/2007	20.25	79.8
06	Civil Lines, Gondia.	19/09/2007	9.27	73.5

Table 13: Noise Levels in Chandrapur

Sound level dB (A) Leq: Date 15.09.2007 - 25.09.2007

Noise Monitoring carried out during Ganesh Festival at Chandrapur.

Sr. No.	Name of Location	Date	Time	Max	Min.
01	Mahakali Chowk	15/09/2007	20.30	84.6	81.9
02	Gandhi Chowk	-do-	21.00	90.2	87.4
03	Jatpura Gate	-do-	21.15	91.3	88.0
04	Priyadarshani Chowk	-do	21.30	80.3	78.3
05	Warora Naka	-do-	21.45	86.3	83.2
06	Mahakali Chowk	18/09/2007	18.30	79.3	76.4
07	Gandhi Chowk.	18/09/2007	19.10	87.3	84.2
08	Jatpura Gate	-do-	19.30	89.2	84.0
09	Priyadarshani Chowk	-do	19.45	78.3	71.2
10	Warora Naka	-do-	20.10	79.3	74.6
11	Mahakali Chowk	20/09/2007	19.10	82.6	80.4
12	Gandhi Chowk	-do-	19.30	88.5	84.8
13	Jatpura Gate	-do-	19.50	86.5	83.1
14	Priyadarshani Chowk	-do	20.10	76.8	72.4
15	Warora Naka	-do-	20.40	82.2	80.3
16	Mahakali Chowk	25/09/2007	21.10	78.3	75.7

17	Gandhi Chowk.	-do-	21.30	91.6	88.2
18	Jatpura Gate	-do-	22.15	93.2	90.3
19	Priyadarshani Chowk	-do-	22.30	78.9	74.3
20	Warora Naka	-do-	22.45	76.3	74.2

Table 14: Noise Levels in Satara

Sound level dB (A) Leq; Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Powai Naka	21.09.2007	96.7	-	91	-
	22.09.2007	89.4	-	92.2	-
	23.09.2007	89.4	-	91.8	-
	24.09.2007	81.4	-	77.8	-
	25.09.2007	83.5	-	-	-
Rajwada	21.09.2007	62.5	-	92.5	-
	22.09.2007	89.9	-	93.8	-
	23.09.2007	83.7	-	82.3	-
	24.09.2007	82.5	-	-	-
	25.09.2007	85.8	-	95.4	-
Moti Chowk	21.09.2007	94	-	96.5	-
	22.09.2007	86.9	-	90	-
	23.09.2007	84.9	-	82.2	-
	24.09.2007	88.9	-	87.3	-
	25.09.2007	96.7	-	96	-

Table 15: Noise Levels in Kalyan/ Bhiwandi

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Dhamankar Naka, Bhiwandi	21.09.2007	88.6	89.8	91.6	93.2
	22.09.2007	90.5	88.9	89	89.1
	23.09.2007	79	78.8	81.8	81.2
	24.09.2007	84.9	93.8	94.6	96.8
	25.09.2007(at immersion site)	96.8	96.9	102.9	103.8
Shivaji Chowk, Kalyan West- Kalyan-I	21.09.2007	92.1	-	86.7	-
	22.09.2007	86.9	-	88.1	-
	23.09.2007	87	-	79.8	-
	24.09.2007	88.6	-	77.5	-
	25.09.2007	90.6	-	80.7	-
Nehru Mitra Mandal, Bhaji Market, Dombivali- Kalyan-I	21.09.2007	92.3	-	88.3	-
	22.09.2007	87	-	83.8	-
	23.09.2007	87.9	-	80.1	-
	24.09.2007	84.7	-	82.9	-
	25.09.2007	90.1	-	93.4	-
Ulhas Nagar, Kalyan- II	21.09.2007	88	-	78.3	-
	22.09.2007	88.2	-	70.7	-
	23.09.2007	87.5	-	65.4	-
	24.09.2007	78.2	-	78.9	-
	25.09.2007	94.3	-	83.3	-

Table 16: Noise Levels in Nashik city

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Shalimar Chowk	21.09.2007	87.8	-	69.9	-
	22.09.2007	80	-	68.8	-
	23.09.2007	83.2	-	48.2	-
	24.09.2007	88.6	-	41.2	-
	25.09.2007	-	-	-	-
Bhadrakali Chowk	21.09.2007	74.4	-	53.1	-
	22.09.2007	89	-	53.8	-
	23.09.2007	81.8	-	41.1	-
	24.09.2007	86.5	-	45.1	-
	25.09.2007	86.9	-	-	-
Ravivar Karanja	21.09.2007	73.1	-	59.1	-
	22.09.2007	76.8	-	58.9	-
	23.09.2007	84	-	40.2	-
	24.09.2007	86.8	-	47.2	-
	25.09.2007	88.9	-	-	-
Ashokstambha	21.09.2007	77.1	-	56.6	-
	22.09.2007	87.7	-	55.4	-
	23.09.2007	83.1	-	42.5	-
	24.09.2007	86.8	-	48.3	-
	25.09.2007	89.3	-	-	-
Malegaon stand	21.09.2007	73.8	-	57.6	-
	22.09.2007	81.2	-	55.3	-
	23.09.2007	82.9	-	48.7	-
	24.09.2007	86.6	-	44.3	-
	25.09.2007	-	-	99.4	-

Table 17: Noise Levels in Ahmednagar

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Swasthik Chowk	21.09.2007	93.7	-	93.7	-
	22.09.2007	87.3	-	81.4	-
	23.09.2007	124.9	-	80.1	-
	24.09.2007	89.7	-	75.6	-
	25.09.2007	91.1	-	89.7	-
Netaji Chowk	21.09.2007	94.3	-	80.7	-
	22.09.2007	90.6	-	92	-
	23.09.2007	94.2	-	80.8	-
	24.09.2007	89.7	-	80.6	-
	25.09.2007	-	-	81.2	-
Kapad Bazar	21.09.2007	77.2	-	85.9	-
	22.09.2007	91.9	-	80.1	-
	23.09.2007	94.4	-	81.2	-
	24.09.2007	89.8	-	81.8	-
	25.09.2007	-	-	90.8	-
Sawedi	21.09.2007	80.6	-	87.2	-
	22.09.2007	92.1	-	93.2	-
	23.09.2007	80	-	82	-
	24.09.2007	72.4	-	82.7	-
	25.09.2007	-	-	89.2	-

Table 18: Noise Levels in Jalgaon

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Near Jalgaon Municipal Corporation	21.09.2007	100.5	-	98.6	-
	22.09.2007	99	-	102	-
	23.09.2007	79.4	-	83	-
	24.09.2007	86.2	-	87.5	-
	25.09.2007	78.4	-	56.4	-
Navi Peth	21.09.2007	98.5	-	99	-
	22.09.2007	100.8	-	102.9	-
	23.09.2007	81.7	-	84	-
	24.09.2007	90	-	87.5	-
	25.09.2007	84.8	-	70.9	-
Subhash Chowk	21.09.2007	97.7	-	73.8	-
	22.09.2007	102.1	-	102.4	-
	23.09.2007	82.7	-	83.6	-
	24.09.2007	89.6	-	87.6	-
	25.09.2007	65.1	-	54	-

Table 19: Noise Levels in Dhule

NOISE LEVEL OF DHULE CITY DURING GANAPATI FESTIVAL-07

Sr. no.	Name of the location	Distance in mtrs	Time period Hrs.	Noise level in dB(A)
1	Dhule Municipal Corporation	50	12.40 pm	75 to 78
2	Sakri Road, Income Tax Office	50	01.20 pm	68 to 72
3	Devpur	50	03.15 pm	70 to 73
4	80 Feet Road, Near Masjid	50	03.50 pm	71 to 76
5	Swami Samarth Temple	50	04.25 pm	78 to 82
6	Phule Bazar	50	06.50 pm	79 to 84
7	Hanuman Tekadi Sakri Road	50	08.15 pm	81 to 83
8	Collector Office	50	08.40 pm	71 to 77

Table 20: Noise Levels in Amravati

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Rajkamal Square	21.09.2007	84.2	-	93.6	-
	22.09.2007	80.2	-	74.9	-
	23.09.2007	69.5	-	52.6	-
	24.09.2007	81.7	-	84.4	-
	25.09.2007	76.1	-	65.1	-
Rajapeth Square	21.09.2007	83.8	-	88.8	-
	22.09.2007	80.4	-	75	-
	23.09.2007	70.2	-	50	-
	24.09.2007	76.1	-	69.1	-
	25.09.2007	72.8	-	65.6	-
Irwin Square	21.09.2007	87	-	87.5	-
	22.09.2007	76.7	-	64.2	-
	23.09.2007	67.9	-	63.4	-
	24.09.2007	75.7	-	82.5	-
	25.09.2007	84.9	-	63.7	-

Table 21: Noise Levels in Pune

Sound level dB (A) Leq: Date 21.09.2007 - 25.09.2007

Location	Date	Time/Distance from Source			
		1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
		50 m	100 m	50 m	100 m
Rasta Peth Area(Jawahar Mandal)	21.09.2007	81	-	58.3	-
	22.09.2007	84.1	-	57.8	-
	23.09.2007	83.6	-	56.8	-
	24.09.2007	81.1	-	60.5	-
	25.09.2007	-	-	-	-
Ganesh Peth Area(Dula Maruti Chowk)	21.09.2007	91.5	-	89.6	-
	22.09.2007	91.2	-	85.6	-
	23.09.2007	91.4	-	76.0	-
	24.09.2007	90.2	-	86.8	-
	25.09.2007	-	-	-	-
Dagdushet Halwai Ganapathi	21.09.2007	81.9	-	79.3	-
	22.09.2007	77.6	-	75.2	-
	23.09.2007	76.4	-	69.1	-
	24.09.2007	78.4	-	70.1	-
	25.09.2007	-	-	-	-
Babu Genu Chowk	21.09.2007	82	-	76.2	-
	22.09.2007	79.2	-	76.2	-
	23.09.2007	77.2	-	71.2	-
	24.09.2007	79.1	-	72.9	-
	25.09.2007	-	-	-	-
Mahatma Phule Mandal Ganapathi	21.09.2007	83.3	-	81.8	-
	22.09.2007	80.1	-	73.2	-
	23.09.2007	80.8	-	72.0	-
	24.09.2007	80.8	-	73.4	-
	25.09.2007	-	-	-	-
Khadakmal Ganapathi	21.09.2007	82.4	-	84.2	-
	22.09.2007	85.2	-	74.0	-
	23.09.2007	82.8	-	80.1	-
	24.09.2007	83.3	-	78.1	-
	25.09.2007	-	-	-	-
Swargate Area(Police line mandal)	21.09.2007	82.6	-	83.6	-
	22.09.2007	86.3	-	80.9	-
	23.09.2007	87.3	-	81.4	-
	24.09.2007	88.3	-	84.8	-
	25.09.2007	-	-	-	-
Hirabaug Ganapathi	21.09.2007	85.2	-	81.3	-
	22.09.2007	83.1	-	81.3	-
	23.09.2007	82.1	-	79.8	-
	24.09.2007	84.4	-	78.5	-
	25.09.2007	-	-	-	-
Alka Theatre Area(Samaj Vikas Mandal)	21.09.2007	84.4	-	61.4	-
	22.09.2007	85.6	-	85.6	-
	23.09.2007	83.7	-	80.6	-
	24.09.2007	83.7	-	81.2	-
	25.09.2007	-	-	-	-
Deccan Area(Nav Chaitanya Mandal)	21.09.2007	86.7	-	60.2	-
	22.09.2007	83.4	-	84.6	-
	23.09.2007	82.8	-	86.4	-
	24.09.2007	82.8	-	80.1	-
	25.09.2007	-	-	-	-

Table 22: Noise Levels in Pune

Sound level dB (A) Leq: Date - 25.09.2007

Sr. No.	Place	Date	Time/Distance from Source			
			1900 – 2100 hrs	1900 – 2100 hrs	2200 – 2400 hrs	2200 – 2400 hrs
			50 m	100 m	50 m	100 m
1	Belbaugh Chowk	25.09.07	92.00	-	90.8	-
2	Ganpati Chowk	25.09.07	96.30	-	96.1	-
3	Nagarkar Talim Chowk	25.09.07	87.10	-	94.3	-
4	Kunte Chowk	25.09.07	96.40	-	92.7	-
5	Shagun Chowk	25.09.07	94.00	-	99.3	-
6	Vijay Talkies Chowk	25.09.07	93.60	-	87.1	-
7	Holkar Chowk	25.09.07	98.30	-	87.8	-
8	Sambhaji Chowk	25.09.07	91.80	-	89.2	-

7.0 Observations

- In Mumbai 25 locations were monitored and Sound level dB(A) Leq in all the locations were above the permissible limit prescribed under The Environment (Protection) Act, 1986, and it ranges from 63.4 dBA to 102.7 dBA. (In 2006 the noise level ranged from 52.2 dBA to 97.8 dBA).
- In Thane 5 locations were monitored and Sound level dB(A) Leq during the survey ranged from 59.2 dBA to 92.4 dBA. (In 2006 the noise level ranged from 70.1 dBA to 88.8 dBA).
- In Aurangabad 5 locations were monitored and Sound level dB(A) Leq during the survey ranged from 65.2 dBA to 114.1 dBA. (In 2006 the noise level ranged from 52.0 dBA to 115.0 dBA).
- In Kolhapur 3 locations were monitored and Sound level dB(A) Leq during the survey ranged from 56.9 dBA to 105.4 dBA. (In 2006 the noise level ranged from 50.0 dBA to 110.0 dBA).
- In Navi Mumbai 2 locations were monitored and Sound level dB(A) Leq during the survey ranged from 85.9 dBA to 100.6 dBA. (In 2006 the noise level ranged from 57.7 dBA to 96.1 dBA).
- In Nagpur city 40 locations were monitored and Sound level dB(A) Leq during the survey ranged from 62.2 dBA to 98.3 dBA.
- In Wardha city 6 locations were monitored and Sound level dB(A) Leq during the survey ranged from 72.8 dBA to 102.5 dBA.
- In Bhandara 6 locations were monitored and Sound level dB(A) Leq during the survey ranged from 69 dBA to 79.8 dBA.
- In Chandrapur 5 locations were monitored and Sound level dB(A) Leq during the survey ranged from 71.2 dBA to 93.2 dBA.
- In Satara 3 locations were monitored and Sound level dB(A) Leq during the survey ranged from 62.5 dBA to 96.7 dBA. (In 2006 the noise level ranged from 64.4 dBA to 110.0 dBA).

- In Kalyan/Bhiwandi area 3 locations were monitored and Sound level dB(A) Leq during the survey ranged from 65.4 dBA to 103.8 dBA. (In 2006 the noise level ranged from 69.9 dBA to 92.0 dBA).
- In Nashik city 5 locations were monitored and Sound level dB(A) Leq during the survey ranged from 40.2 dBA to 89.3 dBA. (In 2006 the noise level ranged from 47.3 dBA to 75.0 dBA).
- In Ahmednagar 4 locations were monitored and Sound level dB(A) Leq during the survey ranged from 72.4 dBA to 124.9 dBA. (In 2006 the noise level ranged from 72.0 dBA to 86.5 dBA).
- In Jalgaon 3 locations were monitored and Sound level dB(A) Leq during the survey ranged from 54 dBA to 102.9 dBA.
- In Dhule 8 locations were monitored and Sound level dB(A) Leq during the survey ranged from 68 dBA to 84 dBA.
- In Amravati 3 locations were monitored and Sound level dB(A) Leq during the survey ranged from 52.6 dBA to 93.6 dBA. (In 2006 the noise level ranged from 43.8 dBA to 88.3 dBA).
- In Pune 18 locations were monitored and Sound level dB(A) Leq during the survey ranged from 56.8 dBA to 99.3 dBA. (In 2006 the noise level ranged from 55.0 dBA to 83.0 dBA).

8.0 Conclusion

It may be seen from the results that noise levels were exceeding the permissible limit during the Ganesh festival in September 2007 at all locations covered during the survey. The noise levels were observed high especially during the immersion day on the 25th of September. Compared to last year's Ganesh Festival noise monitoring survey, this year's observations were on the higher side in cities like

Mumbai,Pune, Amravati, Ahmednagar, Kalyan, Navi Mumbai, Aurangabad, and Thane, where as in cities like Nashik, Satara and Kolhapur the readings were on lower side.

In spite of legal standards in place and efforts of regulatory agencies, the noise levels could not be checked and controlled up to the desired levels. In order to make people aware of the noise pollution and its adverse effects on environment and health, a social mission supported by capacity building in the regulatory agencies for effective implementation of the noise standards is required.

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