

PRESS RELEASE

AMBIENT NOISE LEVEL ASSESSMENT AT 70 LOCATIONS IN 07 METRO CITIES DURING DEEPAWALI 2011, 2012, 2013, 2014 AND 2015

Ambient Noise Level assessment has been conducted at 70 locations in seven cities (Delhi, Mumbai, Chennai, Kolkata, Lucknow, Bangalore and Hyderabad) reveals following observations:

1. Out of 70 locations, only 07 locations at Peeniya (Industrial) and Whitefield (Industrial) in Bangalore; Jeedimetla (Industrial) and Addapotharam (Industrial) in Hyderabad; Tartala (Industrial) in Kolkata; Talkatora (Industrial) in Lucknow and Andheri (Industrial) in Mumbai are meeting both the day time and night time standards. All these 07 locations lying in Industrial zone.
2. All the locations are above the prescribed limits for day and night time in Delhi and Chennai.
3. Among the 70 locations, 16 are meeting the prescribed limits for day time standards (06 AM to 10 PM) and 09 are meeting the prescribed norms for night time (10 PM to 06 AM). Ambient noise monitoring data of 70 noise monitoring stations depicting Leq day time and Leq night time is shown in **Annexure-I**.
4. Leq (24hr) ranges between 57 dB (A) at Lucknow, Chinhat (Industrial) to 92 dB (A) at Kolkata, New Market (Commercial). The maximum sound level observed at Kolkata, New Market (Commercial) followed by Dolmur (Residential) in Bangalore and Gomti Nagar (Silence) in Lucknow.
5. The minimum sound level observed at Chinhat (Industrial) in Lucknow followed by Mumbai, Powai (Industrial), Hyderabad, Zoo (Silence) and Delhi, Mandir Marg (Silence).
6. Overall Ambient Noise Level Trend in these seven cities on the occasion of Deepawali 11/11/2015, 23/10/2014, 03/11/2013, 13/11/2012 and 26/10/2011 along with data are presented in **Annexure-II**.
7. Trend analysis with respect to previous year data reveals that 08 locations have decreasing trend or no change especially in Bangalore and Mumbai.
8. Increasing trend with marginal variation is observed at 26 locations in Delhi, Kolkata, Hyderabad, Chennai and Lucknow, over the last five years on the occasion of Deepawali.

**AMBIENT NOISE MONITORING DATA OF 70 NOISE MONITORING STATION
ON THE OCCASION OF DEEPAWALI**

Sr. No.	City	Limit in dB(A) Leq		Station Name	Leq (24 hrs.) Value dB(A)	Day Leq. dB(A)	Night Leq. dB(A)
		Day 06 AM to 10PM	Night 10 PM to 06 AM				
1	Bangalore	65	55	Bangalore, Parisar Bhawan (C)	66	68	59
2		75	70	Bangalore, Peeniya(I)	60	61	58
3		55	45	Bangalore, Nisarga Bhawan(R)	67	70	55
4		65	55	Bangalore, Marathali(C)	61	62	58
5		55	45	Bangalore, BTM(R)	67	69	61
6		65	55	Bangalore, Yeshwanthpur(C)	72	74	64
7		55	45	Bangalore, R.V.C.E.(S)	60	61	56
8		75	70	Bangalore, Whitefield(I)	65	67	60
9		55	45	Bangalore, Dolmur(R)	88	89	86
10		50	40	Bangalore, NIMHANS(S)	82	81	88
11	Chennai	50	40	Chennai, Eye Hosp.(S)	69	69	68
12		65	55	Chennai, T. Nagar(C)	75	77	68
13		65	55	Chennai, Perambur(C)	N/A	N/A	N/A
14		75	70	Chennai, Guindy(I)	78	80	74
15		55	45	Chennai, Triplicane(R)	69	71	62
16		65	55	Chennai, Pallikaranai(C)	72	74	66
17		55	45	Chennai, Velachery(R)	74	73	77
18		65	55	Chennai, Warhermanpet(C)	75	76	75
19		50	40	Chennai, Anna Nagar(S)	65	66	62
20		55	45	Chennai, Sowcarpet(R)	71	72	69
21	Delhi	50	40	Delhi, Dilshad Garden(S)	65	65	67
22		65	55	Delhi, CPCB(C)	68	67	68
23		50	40	Delhi, DCE(S)	68	66	71
24		65	55	Delhi, ITO(C)	72	73	70
25		50	40	Delhi, NSIT(S)	63	63	62
26		65	55	Delhi, Civil Lines(C)	64	64	66
27		50	40	Delhi, R K Puram(S)	66	67	65
28		65	55	Delhi, I.S.B.T.(C)	69	69	70
29		50	40	Delhi, Mandir Marg(S)	60	60	60
30		55	45	Delhi, Punjabi Bagh(R)	68	66	71
31	Hyderabad	65	55	Hyderabad, Abids(C)	80	82	72
32		65	55	Hyderabad, Punjagutta(C)	79	81	76
33		75	70	Hyderabad, Jeedimetla(I)	66	68	61
34		50	40	Hyderabad, Zoo(S)	59	60	58
35		55	45	Hyderabad, Jublee Hills(R)	66	67	62
36		55	45	Hyderabad, Tarnka(R)	68	70	60
37		75	70	Hyderabad, Gaddapotharam(I)	66	69	53
38		55	45	Hyderabad, Gachibowli(S)	64	67	54
39		65	55	Hyderabad, Paradise(C)	77	77	74
40		65	55	Hyderabad, JNTU(C)	71	73	68
41	Kolkata	50	40	Kolkata, SSKM Hosp.(S)	63	63	62
42		75	70	Kolkata, Gole Park(I)	66	65	66
43		65	55	Kolkata, WBPCB HQ.(C)	60	61	60
44		55	45	Kolkata, Patauli(R)	81	81	80
45		65	55	Kolkata, New Market(C)	92	92	92
46		55	45	Kolkata, Birati Neelanchal(R)	63	64	59
47		50	40	Kolkata, R G Kar(S)	63	63	64

Sr. No.	City	Limit in dB(A) Leq		Station Name	Leq (24 hrs.) Value dB(A)	Day Leq. dB(A)	Night Leq. dB(A)	
		Day 06 AM to 10PM	Night 10 PM to 06 AM					
48	Kolkata	65	55	Kolkata, Tollygunge(C)	71	73	68	
49		55	45	Kolkata, Bag Bazar(R)	77	76	78	
50		75	70	Kolkata, Tartala(I)	63	64	60	
51	Lucknow	75	70	Lucknow, Talkatora(I)	67	68	64	
52		65	55	Lucknow, Hazrat Ganj(C)	71	72	66	
53		50	40	Lucknow, P.G.I.(S)	65	66	63	
54		55	45	Lucknow, Indira Nagar(R)	77	79	69	
55		50	40	Lucknow, Gomti Nagar(S)	86	83	90	
56		75	70	Lucknow, Chinhath(I)	57	60	44	
57		50	40	Lucknow, IT College(S)	64	65	63	
58		65	55	Lucknow, RSC Aliganj(C)	74	75	71	
59		55	45	Lucknow, Vibhuti Khand(R)	63	65	57	
60		65	55	Lucknow, CSS Airport(C)	63	65	58	
61		Mumbai	65	55	Mumbai, Thane(C)	63	65	60
62			50	40	Navi Mumbai, Vashi Hsp.(S)	67	68	63
63			50	40	Mumbai, Ashp(S)	72	72	72
64	65		55	Mumbai, Bandra(C)	67	68	66	
65	65		55	Mumbai, MPCB HQ.(C)	67	67	66	
66	75		70	Mumbai, Kandivali(I)	62	63	61	
67	75		70	Mumbai, Powai(I)	59	58	60	
68	55		45	Mumbai,Chembur (R)	66	67	62	
69	75		70	Mumbai, Andheri(I)	71	72	70	
70	65		55	Mumbai, Ambassador Hotel(C)	72	73	71	

TREND ANALYSIS OF SOUND LEVEL DATA FOR 35 NOISE MONITORING STATIONS

S N	City	Stations	2011 Leq (24 hrs)	2012 Leq (24hrs)	2013 Leq (24hrs)	2014 Leq (24hrs)	2015 Leq (24hrs)	Increasing Trend	Decreasing Trend/ No change
1.	Bangalore	Nisarga Bhawan	60	51	59	58	67	↑	
2.		Parisar Bhawan	64	62	61	63	66	↑	
3.		BTM	65	63	62	64	67	↑	
4.		Marathalli	57	55	61	61	61		- (No Change)
5.		Pineeya	59	57	56	61	60		↓
6.	Chennai	Triplicane	69	63	65	66	69	↑	
7.		T. Nagar	69	70	69	72	75	↑	
8.		Guindy	75	74	69	76	78	↑	
9.		Perambur	75	86	65	69	N.A		
10.		Eye Hospital	65	60	66	66	69	↑	
11.	Delhi	NSIT	64	56	58	60	63	↑	
12.		CPCB	61	58	62	66	68	↑	
13.		DCE	53	50	52	54	68	↑	
14.		Dilshad Garden	57	49	56	58	65	↑	
15.		ITO (Pragati Maidan)	74	74	73	77	72		↓
16.	Hyderabad	Abits	71	70	70	75	80	↑	
17.		Jeedimetla	61	61	60	62	66	↑	
18.		Jubilee Hills	-	54	55	57	66	↑	
19.		Punjagutta	75	76	76	76	79	↑	
20.		Zoo	-	52	55	55	59	↑	
21.	Kolkata	Head Quarter (WBPCB)	60	59	63	61	60		↓
22.		New Market (Municipal Corporation)	64	64	65	72	92	↑	
23.		Patauli	57	54	53	56	81	↑	
24.		SSKM Hospital	59	59	61	60	63	↑	
25.		Golpark	64	64	75	74	66		↓
26.	Lucknow	Indira Nagar	54	51	58	57	77	↑	
27.		PGI Hospital	-	54	60	60	65	↑	
28.		Gomti Nagar	-	60	66	65	86	↑	
29.		Hajrat Ganj	68	69	68	70	71	↑	
30.		Talkatora Industrial Area	59	61	60	63	67	↑	
31.	Mumbai	Acworth Hospital (ASHP)	64	64	64	64	72	↑	
32.		Bandra	69	69	68	69	67		↓
33.		Thane (TMCO)	62	59	64	63	63		No change
34.		Vashi Hospital	66	65	65	65	67	↑	
35.		MPCB, HQ	64	66	66	69	67		↓
Note:-All values are measured in Leq [dB(A)]								26	6 (No change-2)

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