Fortnightly Statistical analysis of sound level at Bhopal during Diwali

Date 24/10/2024 to 07/11/2024

Particulars	C.E.T.P. Govindpura (Industrial zone)		Mrignayani Hamidia Road (Commercial zone)		Paryawaran Parisar Arera Colony (Residential zone)		Civil Hospital Bairagarh (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	15	15	15	15	15	15	15	15
No. of exceedance	0	0	11	15	14	14	15	15
% of exceedance	0	0	73.33	100	93.33	93.33	100	100
Maximum Value	67.1	69.1	70.6	69.2	62.5	64.3	68.8	73.5
Minimum Value	57.8	54.1	64.5	60	50.5	50.3	65.9	63
Mean Value	60.07	58.6	65.87	62.88	58.4	52.47	66.89	65.32
% Deviation	3.72	5.37	2.24	3.61	7.22	6.76	1	4.11

Fortnightly Frequency analysis of sound level at Bhopal during Diwali

Date 24/10/2024 to 07/11/2024

Frequency of sound (db)	C.E.T.P. Govindpura (Industrial zone)		Mrignayani Hamidia Road (Commercial zone)		Paryawaran Parisar Arera Colony (Residential zone)		Civil Hospital Bairagarh (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	0	0	0	0
>30-45	0	0	0	0	0	0	0	0
>45-55	0	1	0	0	1	13	0	0
>55-65	14	13	4	14	14	1	0	9
>65-75	1	1	11	1	0	0	15	6
>75-85	0	0	0	0	0	0	0	0
85<	0	0	0	0	0	0	0	0

Fortnightly Statistical analysis of sound level at Indore during Diwali

Date 24/10/2024 to 07/11/2024

Particulars	Indore - Indo German Tool Room (Industrial zone)		Indore - Nehru Park Shivaji Nagar (Commercial zone)		Indore - RO Office MPPCB (Residential zone)		Indore - Maharaja Yeshwant Rao Hospital (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	13	13	13	13	13	13	NA	NA
No. of exceedance	0	0	0	1	13	13	NA	NA
% of exceedance	0	0	0	7.69	100	100	NA	NA
Maximum Value	57.83	67.9	57.01	60.07	64.06	70.29	NA	NA
Minimum Value	51.45	53.51	53.34	46.78	61.56	59.19	NA	NA
Mean Value	55.76	55.73	54.78	50.21	62.75	61.31	NA	NA
% Deviation	4.1	7.32	1.71	7.36	1.11	4.73	NA	NA

Fortnightly Frequency analysis of sound level at Indore during Diwali

Date 24/10/2024 to 07/11/2024

Frequency of sound (db)	Indore - Indo German Tool Room (Industrial zone)		Indore - Nehru Park Shivaji Nagar (Commercial zone)		Indore - RO Office MPPCB (Residential zone)		Indore - Maharaja Yeshwant Rao Hospital (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	0	0	NA	NA
>30-45	0	0	0	0	0	0	NA	NA
>45-55	3	6	9	12	0	0	NA	NA
>55-65	10	4	4	1	13	12	NA	NA
>65-75	0	1	0	0	0	1	NA	NA
>75-85	0	0	0	0	0	0	NA	NA
85<	0	0	0	0	0	0	NA	NA

Fortnightly Statistical analysis of sound level at Gwalior during Diwali

Date 24/10/2024 to 07/11/2024

Particulars	Gwalior - Sai Paker Manufacturing (Industrial zone)		Gwalior - Nagar Nigam Market Maharajwada (Commercial zone)		Gwalior - Government Hospital DD Nagar (Residential zone)		Gwalior - Jiwaji University (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	13	13	13	13	13	13	13	13
No. of exceedance	0	0	13	13	13	13	12	13
% of exceedance	0	0	100	100	100	100	92.3	100
Maximum Value	61.15	60.81	71.32	67.34	61.42	54.87	54.76	53.5
Minimum Value	53.34	46.5	66.03	55.07	58.24	47.6	45.79	44.39
Mean Value	58.56	54.32	68.85	59.42	59.33	49.8	52.42	5.43
% Deviation	4.73	6.84	2.13	7	1.38	4.33	4.27	6.13

Fortnightly Frequency analysis of sound level at Gwalior during Diwali

Date 24/10/2024 to 07/11/2024

Frequency of sound (db)	Gwalior - Sai Paker Manufacturing (Industrial zone)		Gwalior - Nagar Nigam Market Maharajwada (Commercial zone)		Gwalior - Government Hospital DD Nagar (Residential zone)		Gwalior - Jiwaji University (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	0	0	0	0
>30-45	0	0	0	0	0	0	0	1
>45-55	2	6	0	0	0	13	13	12
>55-65	11	7	0	11	13	0	0	0
>65-75	0	0	13	2	0	0	0	0
>75-85	0	0	0	0	0	0	0	0
85<	0	0	0	0	0	0	0	0

Fortnightly Statistical analysis of sound level at Jabalpur during Diwali

Date 24/10/2024 to 07/11/2024

Particulars	Jabalpur - Udaipur Beverages Adhartal (Industrial zone)		Jabalpur - MCD Office 3 Patti Circle (Commercial zone)		Jabalpur - MPPCB Staff Colony (Residential zone)		Jabalpur - Science College University (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	**75**	**70**	**65**	**55**	**55**	**45**	**50**	**40**
No of observations	13	13	13	13	13	13	13	13
No. of exceedance	0	0	12	13	3	6	9	11
% of exceedance	0	0	92.3	100	21.07	46.15	69.23	84.61
Maximum Value	53.74	50.05	69.76	67.8	56.44	57.56	52.98	55.33
Minimum Value	47.38	44.53	64.14	59.23	51.37	42.85	47.27	39.2
Mean Value	51.91	46.58	67.89	61.55	53.54	46.01	50.53	43.21
% Deviation	3.56	3.02	2.12	4.48	2.89	8.5	2.9	9.53

Fortnightly Frequency analysis of sound level at Jabalpur during Diwali

Date 24/10/2024 to 07/11/2024

Frequency of sound (db)	Jabalpur - Udaipur Beverages Adhartal (Industrial zone)		Jabalpur - MCD Office 3 Patti Circle (Commercial zone)		Jabalpur - MPPCB Staff Colony (Residential zone)		Jabalpur - Science College University (Silent zone)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	0	0	0	0
>30-45	0	2	0	0	0	7	0	10
>45-55	13	11	0	0	10	5	13	2
>55-65	0	0	1	11	3	1	0	1
>65-75	0	0	12	2	0	0	0	0
>75-85	0	0	0	0	0	0	0	0
85<	0	0	0	0	0	0	0	0