

Fortnightly Statistical analysis of sound level at Bhopal during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	CEPT Govindpura Sector H (Industrial)		Mrignayani Emporium Peer tiraha (Commercial)		Paryavaran Parisar (Residential)		Civil Hospital Bairagadh (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	15	14	15	14	15	14	15	14
No. of exceedance	0	0	6	14	0	0	15	14
% of exceedance	0.00	0.00	40.00	100.00	0.00	0.00	100.00	100.00
Maximum Value	60.82	61.73	66.55	62.85	40.53	40.61	63.49	64.04
Minimum Value	53.52	57.11	60.80	56.34	40.25	40.29	61.03	57.82
Mean Value	58.89	58.32	63.79	59.43	40.41	40.50	62.71	59.09
% Deviation	3.38	1.94	2.91	2.98	0.20	0.20	1.12	2.75

Fortnightly Frequency analysis of sound level at Bhopal during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	CEPT Govindpura Sector H (Industrial)		Mrignayani Emporium Peer tiraha (Commercial)		Paryavaran Parisar (Residential)		Civil Hospital Bairagadh (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	0	0	0	0
>30-45	0	0	0	0	15	14	0	0
>45-55	1	0	0	0	0	0	0	0
>55-65	14	14	9	14	0	0	15	14
>65-75	0	0	6	0	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 Indore during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	Indo German Tool Room (Industrial)		Nehru Park Shivaji Nagar (Commercial)		RO Office MPPCB (Residential)		Maharaja Yeshwant Rao Hospital (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	15	14	15	14	15	14	15	13
No. of exceedance	0	0	0	1	15	14	15	13
% of exceedance	0.00	0.00	0.00	7.14	100.00	100.00	100.00	100.00
Maximum Value	61.41	56.17	58.04	63.79	65.84	72.51	60.67	62.28
Minimum Value	56.22	50.26	52.84	45.39	62.46	61.13	55.03	53.39
Mean Value	58.89	52.46	54.65	49.08	63.56	62.96	58.17	55.08
% Deviation	2.43	3.08	2.43	9.32	1.30	4.48	2.60	4.14

Fortnightly Frequency analysis of sound level at Indore during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	Indo German Tool Room (Industrial)		Nehru Park Shivaji Nagar (Commercial)		RO Office MPPCB (Residential)		Maharaja Yeshwant Rao Hospital (Silence)	
	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	13	10	13	0	0	0	9
>55-65	15	1	5	1	14	13	15	4
>65-75	0	0	0	0	1	1	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 Gwalior during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	Sai Paker Manufacturing (Industrial)		Nagar Nigam Market Maharajwada (Commercial)		Government Hospital DD Nagar (Residential)		Jiwaji University (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	15	14	15	14	15	14	15	14
No. of exceedance	0	0	15	14	15	14	15	14
% of exceedance	0.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00
Maximum Value	57.97	58.30	68.92	69.71	61.15	56.87	55.53	63.67
Minimum Value	50.89	44.57	65.85	56.29	58.24	48.13	52.10	53.38
Mean Value	56.24	51.23	67.57	60.18	59.21	50.25	53.62	57.94
% Deviation	3.73	7.71	1.43	6.17	1.50	5.32	1.79	3.91

Fortnightly Frequency analysis of sound level at Gwalior during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	Sai Paker Manufacturing (Industrial)		Nagar Nigam Market Maharajwada (Commercial)		Government Hospital DD Nagar (Residential)		Jiwaji University (Silence)	
	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	0	0	0
>45-55	4	10	0	0	0	12	14	1
>55-65	11	2	0	12	15	2	1	13
>65-75	0	0	15	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 13/10/2025 to 27/10/2025

Particulars	Udaipur Beverages Adhartal (Industrial)		MCD Office 3 Patti Circle (Commercial)		MPPCB Staff Colony (Residential)		Science College University (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
Noise standards	75	70	65	55	55	45	50	40
No of observations	15	14	15	14	15	14	15	14
No. of exceedance	0	0	15	14	4	3	11	10
% of exceedance	0.00	0.00	100.00	100.00	26.67	21.43	73.33	71.43
Maximum Value	52.87	50.22	70.17	70.84	56.19	46.85	53.86	54.31
Minimum Value	46.84	43.12	65.28	60.85	24.43	21.71	49.21	38.98
Mean Value	49.88	45.12	68.78	62.63	39.85	33.41	50.92	42.45
% Deviation	3.69	4.10	1.77	4.19	34.43	29.31	2.51	9.87

Fortnightly Frequency analysis of sound level at Jabalpur during Diwali

Date 13/10/2025 to 27/10/2025

Particulars	Udaipur Beverages Adhartal (Industrial)		MCD Office 3 Patti Circle (Commercial)		MPPCB Staff Colony (Residential)		Science College University (Silence)	
	Day	Night	Day	Night	Day	Night	Day	Night
0-30	0	0	0	0	6	8	0	0
>30-45	0	8	0	0	3	3	0	11
>45-55	15	6	0	0	2	3	15	3
>55-65	0	0	0	13	4	0	0	0
>65-75	0	0	15	1	0	0	0	0
>75-85	0	0	0	0	0	0	0	0
85<	0	0	0	0	0	0	0	0