

Format of Report: Special Deepawali monitoring 2020

City:

- Latitude and longitude:27.3389426 and 88.6064965
- Climate meteorology: clear and sunny weather
- Population: 6.19 lakhs
- Major land use: Mixed(residential and commercial)

Monitoring locations:

- Map showing all monitoring location of the city.
- Description of monitoring site: Area/Zone: Residential, Commercial and silence.
- Activities around the monitoring location /sources of noise pollution

Data / observation:

Ambient Noise Level during Deepawali festival, 2020

Location: M.G Marg	Pre-deepawali Day(9.11.2020)			Deepawali Day (14.11.2020)		
Time duration(Hr.)	Lmin	Lmax	LeqdB(A)	Lmin	Lmax	LeqdB(A)
18:00 to 19:00	45.6	59.6	63.0	44.3	70.0	61.0
19:00 to 20:00	50.3	66.5	58.0	31.6	72.9	65.0
20:00 to 21:00	51.1	74.2	64.0	27.2	67.5	56.0
21:00 to 22:00	45.2	69.8	61.0	43.6	67.5	57.0
22:00 to 23:00	37.1	71.1	60.0	43.6	63.5	55.0
23:00 to 24:00	33.7	61.5	50.0	35.4	68.4	57.0

Location: Deorali	Pre-Deepawali Day9.11.2020)			Deepawali Day(14.11.2020)		
Time duration	Lmin	Lmax	LeqdB(A)	Lmin	Lmax	LeqdB(A)
18:00 to 19:00	53	69.1	60			
19:00 to 20:00	49.9	69.9	60			
20:00 to 21:00	52.9	88.7	74			
21:00 to 22:00	50.1	64.6	63			
22:00 to 22.30	43	85.5	74			
23:00 to 24:00	65.3	71.2	69.8			

Interpretation of Noise Data/Result: Due to fault in the data card of the instrument used at Deorali ,the data of noise monitoring at Deorali on 14/11/2020 could not be retrieved.

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