

Status of Noise Data for the Year 2016

Monitoring Station	Zone	Noise Level dB (A) (Day Time)											
		January	February	March	April	May	June	July	August	September	October	November	December
Survey Chowk	Commercial	72.0	72.0	74.2	73.2	72.1	70.8	72.1	73.1	73.4	74.1	74.8	74.2
Gandhi Park	Silence	54.0	54.0	54.1	53.4	52.8	52.4	56.2	54.2	55.1	56.2	55.1	54.1
Clock Tower	Commercial	74.0	74.0	72.8	70.4	71.0	69.8	73.2	72.8	74.2	73.1	72.4	72.1
Doon Hospital	Silence	51.0	51.0	53.2	51.4	52.2	50.6	52.6	51.3	53.1	52.4	52.1	52.0
CMI Hospital	Commercial	70.8	70.8	72.4	72.0	72.0	72.0	73.0	73.1	72.3	74.1	73.9	74.0
Race Course	Residential	51.2	51.2	54.3	54.2	55.3	55.3	53.9	52.8	54.0	55.0	54.0	55.0
Nehru Colony	Residential	63.0	63.0	57.2	55.9	55.8	55.6	54.9	55.3	53.4	54.4	56.2	55.0
Tikonia Chowk	Commercial	61.9	62.6	64.6	69.2	66.8	59.5	59.4	62.7	60.9	-	61.23	65.79
Beershiva School	Commercial	52.6	54.5	52.8	57.5	57.4	52.1	51.3	53.8	53.7	55.3	53.51	51.32
Awasi-Vikas Chowk	Residential	53.7	58.6	58.2	55.8	54.5	54.3	55.2	54.2	54.2	54.4	51.42	62.64
Nainital	Commercial	55.3	58.1	56.9	53.4	55.5	56.9	57.9	56.7	56.2	-	52.73	55.42

AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE

Area Code	Category of Area/Zone	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 shall mean from 6.00 a.m. to 10.00 p.m.
 2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
 3. [Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority]
 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
- *dB(A) Leq denotes the time weighted average of the level of sound in decibels on Scale A which is relatable to human hearing.
A "decibel" is a unit in which noise is measured.
"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear. Leq: It is energy mean of the noise level over a specified period.