

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 22.6.2022

(BASED ON WHO GUIDELINES - 2021)

Permissible Limits (24 Hour Mean): $PM_{10} = 45$; $PM_{2.5} = 15$, all units are in $\mu g/m^3$

	<div>Date</div> <div>Today: June 22 – 21</div> <div>Yesterday</div> <div>June 21 – 20</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 22 – 21</div> <div>Yesterday</div> <div>June 21 – 20</div>	SANJAY PLACE (ARITHMETIC MEAN DATA)								
		Concentration (µg/m³)		Meteorological Parameters								Concentration (µg/m³)		Meteorological Parameters						
		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m²	RF mm		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m²	RF mm
							Max	Min									Max	Min		
4 / 97	Today	12	38↓	58	1.6	SSE	38.2	29.1	143	0	Today	35↓	94↓	53	1.8	NNE	40	30.1	233	0
	Yesterday	12	34	68	2.5	N	37.6	25.1	158	0										
3 / 34	Today	15	29↓	58	1.6	SSE	38.0	29.2	144	0	Yesterday									
	Yesterday	15	27	63	2.5	N	36.2	27.6	158	0										
Science Faculty	Today	15	29↓	59	1.6	SSE	38.6	28.8	141	0	Yesterday	31	78	56	2.2	SE	37.3	28.9	248	0
	Yesterday	14	26	64	2.5	N	36.1	27.7	162	0										

COLOUR-CODE:

Within WHO 2021 Limits

Outside WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, the concentrations of $PM_{2.5}$ have remained unchanged at Vidyut Nagar and Prem Nagar and increased by $1 \mu g/m^3$ at Science Faculty. Concentrations of PM_{10} have marginally increased at all the three locations of Dayalbagh. Concentrations of both $PM_{2.5}$ and PM_{10} are within the WHO permissible limits at all the three locations of Dayalbagh.

At Sanjay Place also, concentrations of both $PM_{2.5}$ and PM_{10} have increased. Concentrations of both $PM_{2.5}$ and PM_{10} are outside the WHO permissible limits.

The Legal Advices as forwarded by LA DEI & LA RS Sabha, should continue to be pursued, in full measure as hitherto, by ACE, serving as Non-statutory Think-Tank for DEI; and conveyed to OSD (Supreme Court), as & when ready/so required; by RS Sabha, Dayalbagh (Registered as Religious & Charitable Society).
Perused By Way of Information Only.
Subject To Legalise/Legalese/"Laws of the Land".

Wednesday, 22-06-2022, 04:24 PM

Received, Wednesday, 22-06-2022, 12:30 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible $PM_{2.5}$ and PM_{10} pollutant concentrations and do not provide concentration bands for the different Air Quality Index (AQI) categories ranging from **Good to Hazardous for All**, as does the US EPA (United States Environmental Protection Agency), the Report 2 annexed based on US EPA norms may be referred to, for Air Quality Index (AQI) & Water Quality Index (WQI) categories.