

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 20.6.2022

(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 20 – 19</div> <div>Yesterday</div> <div>June 19 – 18</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 20 – 19</div> <div>Yesterday</div> <div>June 19 – 18</div>	AVAS VIKAS (SIKANDRA) (ARITHMETIC MEAN DATA)								
		Concentration (µg/m ³)		Meteorological Parameters								Concentration (µg/m ³)		Meteorological Parameters						
		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF mm		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF mm
							Max	Min									Max	Min		
4 / 97	Today	11↑	27	77	3.2	N	33.6	25.1	111	0	Today	12	25↓	78	0.6	SSE	34.0	24.5	106	0
	Yesterday	21	28	77	4.0	N	34.8	26.1	122	2										
3 / 34	Today	15↑	23	77	3.2	N	32.4	25.2	112	0	Yesterday	14	21	79	0.8	SSE	36.4	24.5	132	0
	Yesterday	19	25	77	4.0	N	35.1	25.6	124	2										
Science Faculty	Today	13↑	21↑	77	3.2	N	31.5	25.1	112	0	Yesterday	14	21	79	0.8	SSE	36.4	24.5	132	0
	Yesterday	19	28	77	4.0	N	34.8	25.6	122	2										

COLOR CODE:

Within WHO 2021 Limits

Outside WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, the concentrations of $PM_{2.5}$ and PM_{10} have decreased 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 Avas Vikas (Sikandra), concentrations of $PM_{2.5}$ and PM_{10} have marginally changed, in comparison to yesterday. Concentrations of both $PM_{2.5}$ and PM_{10} are within the WHO permissible limits.

Perused By Way of Information Only.
Subject To Legalise/Legalese/"Laws of the Land".

Monday, 20-06-2022, 04:19 PM
Received, Monday, 20-06-2022, 01:02 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.

Communicated by Dr. Anita Lakhani, Professor, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra.