

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 4.6.2022

(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 4 – 3</div> <div>Yesterday</div> <div>June 3 – 2</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 4 – 3</div> <div>Yesterday</div> <div>June 3 – 2</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	15	76↑	36	3.2	SSE	45.1	31.5	167	0	Today	60	216↑	29	1.7	E	47.9	36.1	209	0
	Yesterday	15	94	36	2.9	SSE	45.2	30.4	168	0										
3 / 34	Today	20	45↑	37	3.2	SSE	44.2	31.8	170	0	Yesterday									
	Yesterday	20	54	36	2.9	SSE	44.6	30.2	174	0		60	255	34	2.6	ESE	46.7	34.1	228	0
Science Faculty	Today	18	44↑	38	3.1	SSE	43.8	31.1	172	0	Yesterday									
	Yesterday	17	54	36	2.9	SSE	44.6	30.2	173	0										

Within WHO 2021 Limits

Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, concentrations of $PM_{2.5}$ have remained nearly constant at all three locations of Dayalbagh, while that of PM_{10} have decreased. $PM_{2.5}$ concentrations are within the WHO permissible limits at Vidyut Nagar and marginally beyond the WHO permissible limits at Science Faculty and Prem Nagar. PM_{10} concentrations are within the WHO permissible limits at Prem Nagar and Science Faculty.

At Sanjay Place also there is no change in the $PM_{2.5}$ concentrations while PM_{10} concentrations have decreased. The concentrations of both $PM_{2.5}$ and PM_{10} remain beyond the WHO permissible limits.

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

Saturday, 04-06-2022, 02:22 PM
Received, Saturday, 04-06-2022, 12:24 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) categories.

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