

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 3.6.2022

(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 3 – 2</div> <div>Yesterday</div> <div>June 2 – 1</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 3 – 2</div> <div>Yesterday</div> <div>June 2 – 1</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	94↓	36	3.2	SSE	45.1	31.5	167	0	Today	60↓	255↓	34	2.6	ESE	46.7	34.1	288	0
	Yesterday	14	89	36	2.9	SSE	45.2	30.4	168	0										
3 / 34	Today	20	54↓	37	3.2	SSE	44.2	31.8	170	0	Yesterday	57	247	33	2.6	SSE	47	33.2	229	0
	Yesterday	18	51	36	2.9	SSE	44.6	30.2	174	0										
Science Faculty	Today	17	54↓	38	3.1	SSE	43.8	31.1	172	0	Yesterday	57	247	33	2.6	SSE	47	33.2	229	0
	Yesterday	15	50	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 both $PM_{2.5}$ and PM_{10} have changed marginally at all locations of Dayalbagh. $PM_{2.5}$ 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 beyond the WHO permissible limits at all the three locations.

$PM_{2.5}$ and PM_{10} concentrations at Sanjay Place have increased as compared to yesterday and remain beyond the WHO permissible limits.

Continue palliative efforts to conform to WHO 2021 Limits at the very earliest.

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

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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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