

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 7.6.2022

(BASED ON WHO GUIDELINES - 2021)

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

	Date Today: June 7 – 6 Yesterday June 6 – 5	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: June 7 – 6 Yesterday June 6 – 5	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	09	77↑	26	4.0	SSE	45.5	33.0	165	0	Today	40↑	230↑	28	3.0	SSW	47.6	35.7	245	0
	Yesterday	10	81	26	4.2	S	47.7	31.6	154	0										
3 / 34	Today	11↑	42	27	4.0	SSE	45.6	33.3	173	0	Yesterday	48	244	27	2.4	S	48.1	33.3	233	0
	Yesterday	13	43	27	4.2	S	46.4	31.3	156	0										
Science Faculty	Today	09↑	39↑	27	4.0	SSE	45.9	33.0	178	0										
	Yesterday	11	41	27	4.2	S	46.5	30.4	157	0										

Within WHO 2021 Limits

Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, concentrations of $PM_{2.5}$ and PM_{10} have further decreased at all locations of Dayalbagh. Concentrations of $PM_{2.5}$ are within the WHO limits at all three locations of Dayalbagh. Concentrations of PM_{10} are within the WHO limits at Prem Nagar and Science Faculty, but remain beyond the WHO limits at Vidyut Nagar. (Paver Blocks are currently under installation)

At Sanjay Place also, the concentrations of $PM_{2.5}$ and PM_{10} have decreased. However, their concentrations are still beyond the WHO permissible limits.

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Subject To Legalise/Legalese/"Laws of the Land".

Tuesday, 07-06-2022, 01:15 PM
Received, Tuesday, 07-06-2022, 12:43 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.