

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 14.6.2022

(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 14 – 13</div> <div>Yesterday June 13 – 12</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 14 – 13</div> <div>Yesterday June 13 – 12</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	06	45↑	39	5.0	S	44.5	33.5	150	0	Today	34↑	159↑	37	4.7	S	45.7	35.2	217	0
	Yesterday	07	57	33	4.6	S	45.1	33.8	179	0										
3 / 34	Today	10	29↑	39	5.0	S	43.6	33.5	152	0	Yesterday	37	199	33	4.0	SSE	47.6	36	237	0
	Yesterday	09	34	34	4.8	S	44.6	33.8	182	0										
Science Faculty	Today	08	26↑	39	5.0	S	42.7	33.4	151	0	Yesterday									
	Yesterday	08	31	34	4.6	S	44.5	33.7	179	0										

Within WHO 2021 Limits

Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, there is a marginal variation in the concentrations of $PM_{2.5}$ at Vidyut Nagar and Prem Nagar and no change at Science Faculty. PM_{10} concentrations have further 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 Sanjay Place also, the concentrations of both $PM_{2.5}$ and PM_{10} have decreased further, but still remain beyond the WHO permissible limits.

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

Tuesday, 14-06-2022, 02:19 PM
Received, Tuesday, 14-06-2022, 12:28 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.