

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 12.6.2022

(BASED ON WHO GUIDELINES - 2021)

Permissible Limits (24 Hour Mean): PM₁₀ = 45; PM_{2.5} = 15, all units are in µg/m³

	<div>Date</div> <div>Today: June 12 – 11</div> <div>Yesterday June 11 – 10</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 12 – 11</div> <div>Yesterday June 11 – 10</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	11↑	93↑	32	5.0	SSE	46.5	32.8	180	0	Today	56↑	290↑	32	3.9	SSE	48.2	33.4	237	0
	Yesterday	13	121	35	5.1	SSE	43.9	32.5	166	0										
3 / 34	Today	12↑	49↑	33	5.0	SSE	45.4	32.8	187	0	Yesterday	61	341	34	3.4	SE	46.7	33.4	225	0
	Yesterday	15	65	36	5.1	SSE	43.8	32.1	173	0										
Science Faculty	Today	12↑	49↑	33	5.0	SSE	44.8	32.9	180	0										
	Yesterday	13	63	36	5.1	SSE	43.4	31.5	169	0										

Within WHO 2021 Limits

Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, concentrations of PM_{2.5} and PM₁₀ have decreased at all the three locations of Dayalbagh. Concentrations of PM_{2.5} are within the WHO limits at all the three locations of Dayalbagh. Concentrations of PM₁₀ are beyond the WHO limits at all the three locations.

At Sanjay Place also, the concentrations of both PM_{2.5} and PM₁₀ have decreased but remain beyond the WHO permissible limits.

(Spray Irrigation i.e. "Misting" should be further enhanced; so that PM₁₀-particulate concentrations; also come within WHO 2021 Limits.)

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

Sunday, 12-06-2022, 03:20 PM
Received, Sunday, 12-06-2022, 12:17 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible PM_{2.5} and PM₁₀ 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.