

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 18.6.2022

(BASED ON WHO GUIDELINES - 2021)

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

	Date <div>Today: June 18 – 17</div> <div>Yesterday June 17 – 16</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date <div>Today: June 18 – 17</div> <div>Yesterday June 17 – 16</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	07↑	23↑	73	3.1	N	39.7	24.5	144	35	Today	23	63↑	65	3.1	ESE	40.8	24.1	208	32
	Yesterday	10	30	71	4.6	NE	39.1	27.1	82	3										
3 / 34	Today	12↑	21↑	75	3.2	N	39.2	23.4	144	35	Yesterday	27	90	64	3.9	ESE	41	28.6	128	3
	Yesterday	15	25	69	4.6	NE	39.1	27.3	84	3										
Science Faculty	Today	12	19↑	76	3.1	N	38.9	23.4	145	35										
	Yesterday	13	23	71	4.6	NE	39.5	27.4	82	3										

Within WHO 2021 Limits

Outside/
Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, the concentrations of PM_{2.5} and PM₁₀ have decreased at all the three locations of Dayalbagh. The scavenging of particulate matter from the atmosphere by rain in the evening may have facilitated this decline. Concentrations of both PM_{2.5} and PM₁₀ are within the WHO permissible limits at all the three locations of Dayalbagh.

At Sanjay Place also, there is a decrease in the concentration of PM_{2.5} and PM₁₀. The concentrations of both PM_{2.5} and PM₁₀ are still beyond the WHO permissible limits.

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

Saturday, 18-06-2022, 03:48 PM
Received, Saturday, 18-06-2022, 12:27 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.