

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 10.6.2022

(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 10 – 9</div> <div>Yesterday</div> <div>June 9 – 8</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 10 – 9</div> <div>Yesterday</div> <div>June 9 – 8</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	13↓	110↓	33	3.8	N	46.7	32.2	154	0	Today	56↓	307↓	32	2.6	N	47.6	35.6	227	0
	Yesterday	08	81	24	5.3	N	46.7	32.8	157	0										
3 / 34	Today	15↓	56↓	33	3.8	N	45.9	32.5	171	0	Yesterday	44	265	27	4.0	SSW	47.8	35.1	235	0
	Yesterday	10	44	24	5.3	N	45.4	33.5	173	0										
Science Faculty	Today	13↓	56↓	34	3.7	N	46.2	32.1	166	0	Yesterday	44	265	27	4.0	SSW	47.8	35.1	235	0
	Yesterday	09	42	25	5.3	N	45.2	33.0	168	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 increased 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 PM_{10} are however, beyond the WHO limits at all the three locations.

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

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

Friday, 10-06-2022, 02:25 PM
Received, Friday, 10-06-2022, 12:41 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.