

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 8.6.2022

(BASED ON WHO GUIDELINES - 2021)

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

	Date Today: June 8 – 7 Yesterday June 7 – 6	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: June 8 – 7 Yesterday June 7 – 6	SANJAY PLACE (ARITHMETIC MEAN DATA)								
		Concentration ($\mu\text{g}/\text{m}^3$)		Meteorological Parameters								Concentration ($\mu\text{g}/\text{m}^3$)		Meteorological Parameters						
		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF mm		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF mm
Max	Min						Max	Min												
4 / 97	Today	13↓	120↓	29	5.2	S	45.5	33.0	155	0	Today	62↓	367↓	29	3.9	S	47.0	36.1	229	0
	Yesterday	09	77	26	4.0	SSE	45.5	33.0	165	0		Yesterday	40	230	28	3.0	SSW	47.6	35.7	245
3 / 34	Today	15↓	61↓	24	5.2	S	44.7	33.0	178	0	Today		62↓	367↓	29	3.9	S	47.0	36.1	229
	Yesterday	11	42	27	4.0	SSE	45.6	33.3	173	0		Yesterday	40	230	28	3.0	SSW	47.6	35.7	245
Science Faculty	Today	12↓	59↓	30	5.2	S	43.7	32.4	172	0	Yesterday		40	230	28	3.0	SSW	47.6	35.7	245
	Yesterday	09	39	27	4.0	SSE	45.9	33.0	178	0		Yesterday	40	230	28	3.0	SSW	47.6	35.7	245

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 locations of Dayalbagh. Concentrations of $PM_{2.5}$ are within the WHO limits at all three locations of Dayalbagh. Concentrations of PM_{10} are beyond the WHO limits at all the three locations.

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

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



Wednesday, 08-06-2022, 01:34 PM
Received, Wednesday, 08-06-2022, 12:39 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.