

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 5.6.2022

(BASED ON WHO GUIDELINES - 2021)

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

	Date Today: June 5 – 4 Yesterday June 4 – 3	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: June 5 – 4 Yesterday June 4 – 3	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	10↑	60↑	25	2.9	SSE	47.5	31.0	171	0	Today	49↑	200↑	27	2.2	SE	48.6	34.4	232	0
	Yesterday	15	76	29	2.7	SSE	45.7	33.0	136	0										
3 / 34	Today	15↑	35↑	31	2.9	SSE	46.8	31.2	173	0	Yesterday	60	216	29	1.7	E	47.9	36.1	209	0
	Yesterday	20	45	31	2.6	SSE	45.0	32.5	145	0										
Science Faculty	Today	14↑	34↑	27	2.9	SSE	46.7	31.2	172	0	Yesterday									
	Yesterday	18	44	32	2.7	SSE	45.6	31.6	145	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 decreased at all three locations of Dayalbagh. Concentrations of $PM_{2.5}$ are within the WHO limits at all three locations of Dayalbagh. Concentrations of PM_{10} are also within the WHO limits at Prem Nagar and Science Faculty, except at Vidyut Nagar where it remains beyond the WHO limits. Registrar DEI should report immediate palliative/curative actions taken and their impacts in restoring the status "Within WHO 2021 Limits", for this lone outlier in Dayalbagh.

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

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

Sunday, 05-06-2022, 02:02 PM
Received, Sunday, 05-06-2022, 12:37 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.

Communicated by Dr. Anita Lakhani, Associate Professor, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra.