

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 13.7.2022

(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: July 13 – 12 Yesterday July 12 – 11	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: July 13 – 12 Yesterday July 12 – 11	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	15↓	29↓	76	3.4	S	41.2	30.0	206	3.3	Today	35	73↓	67	2.4	ENE	41.7	30.3	201	4.5
	Yesterday	11	22	69	2.9	S	39.4	29.3	220	0										
3 / 34	Today	35↓	40↓	76	3.4	S	39.5	29.0	206	3.3	Yesterday	33	69	60	2.6	NE	42.4	31.2	254	0
	Yesterday	27	30	69	2.9	S	39.4	29.7	220	0										
Science Faculty	Today	22↓	29↓	77	3.4	S	40.4	28.9	206	3.3										
	Yesterday	19	25	70	2.9	S	39.4	29.3	220	0										

COLOUR-CODE:

Within WHO 2021 Limits

Outside WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, the concentrations of both $PM_{2.5}$ and PM_{10} increased at all three locations of Dayalbagh. The rise may probably be due to increase in Relative Humidity after the rain event. Concentrations of $PM_{2.5}$ are within WHO permissible limits at Vidyut Nagar but outside the WHO permissible limits at Prem Nagar and Science Faculty while PM_{10} concentrations are within the WHO permissible limits at all three locations of Dayalbagh.

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

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Subject To Legalise/Legalese/Laws of the Land".

Wednesday, 13-07-2022, 05:38 PM
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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) & Water Quality Index (WQI) categories.