

# Radhasoami Dayal Ki Daya Radhasoami Sahai

## AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 26.6.2022

(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 26 – 25</div> <div>Yesterday</div> <div>June 25 – 24</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 26 – 25</div> <div>Yesterday</div> <div>June 25 – 24</div>	SANJAY PLACE (ARITHMETIC MEAN DATA)								
		Concentration (µg/m³)		Meteorological Parameters								Concentration (µg/m³)		Meteorological Parameters						
		PM <sub>2.5</sub>	PM <sub>10</sub>	RH %	WS m/s	WD	T °C		SR W/m²	RF mm		PM <sub>2.5</sub>	PM <sub>10</sub>	RH %	WS m/s	WD	T °C		SR W/m²	RF mm
							Max	Min									Max	Min		
4 / 97	Today	17↑	54↑↑	41	2.6	NNE	42.8	31.8	181	0	Today	52↑	162↑↑	41	2.7	NNE	44.6	33.0	263	0
	Yesterday	23	106	39	2.3	E	40.9	28.2	179	0										
3 / 34	Today	23↑	41↑	44	2.6	NNE	42.1	31.7	182	0	Yesterday	73	261	36	2.1	ENE	42.3	30.9	273	0
	Yesterday	28	66	40	2.2	E	40.6	28.2	182	0										
Science Faculty	Today	23	41↑	44	2.6	NNE	42.7	31.7	182	0										
	Yesterday	22	63	40	2.2	E	40.0	28.3	182	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  $PM_{10}$  have decreased at all the three locations of Dayalbagh. Concentrations of  $PM_{2.5}$  are outside the WHO permissible limits at all the three locations of Dayalbagh. Concentrations of  $PM_{10}$  are within the WHO permissible limits at Prem Nagar and Science Faculty and outside the WHO permissible limits at Vidyut Nagar.

At Sanjay Place also, concentrations of both  $PM_{2.5}$  and  $PM_{10}$  have decreased, they still remain outside the WHO permissible limits.

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

Sunday, 26-06-2022, 02:11 PM  
Received, Sunday, 26-06-2022, 12:17 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) & Water Quality Index (WQI) categories.