

# Radhasoami Dayal Ki Daya Radhasoami Sahai

## AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 2.7.2022

(BASED ON WHO GUIDELINES - 2021)

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

	<div>Date</div> <div>Today: July 2 – 1</div> <div>Yesterday</div> <div>July 1 – June 30</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: July 2 – 1</div> <div>Yesterday</div> <div>July 1 – June 30</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	09	21↓	74	1.9	NE	35.3	28.0	216	0	Today	21↓	44	67	1.8	ENE	35.8	29.1	221	0
	Yesterday	10	16	90	2.0	NE	28.6	25.7	77	13										
3 / 34	Today	16	23↑	75	1.9	NE	34.1	28.2	216	0	Yesterday	18	46	79	1.1	NE	29.4	27.4	64	20
	Yesterday	17	26	88	2.1	NE	28.4	25.6	77	13										
Science Faculty	Today	12	20	76	2.0	NE	34.2	27.9	216	0										
	Yesterday	12	19	88	2.0	NE	28.3	25.7	77	13										

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 slightly changed at all the three locations of Dayalbagh. Concentrations of both  $PM_{2.5}$  and  $PM_{10}$  are within the WHO permissible limits at the three locations.

At Sanjay Place also, concentrations of  $PM_{2.5}$  and  $PM_{10}$  have changed marginally. Concentration of  $PM_{2.5}$  is outside the WHO permissible limit, while concentration of  $PM_{10}$  is within the WHO permissible limit.

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.