

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 29.6.2022

(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 29 – 28</div> <div>Yesterday</div> <div>June 28 – 27</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: June 29 – 28</div> <div>Yesterday</div> <div>June 28 – 27</div>	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	21↑	38↑	58	3.7	NNE	42.7	30.6	181	0	Today	47↑	104	52	3.6	NE	44.7	32	177	0
	Yesterday	31	48	56	3.7	SE	41.2	32.8	162	0										
3 / 34	Today	33↑	38↑	59	3.7	NNE	42.7	30.7	181	0	Yesterday	57	106	49	2.2	NNE	44.3	34.4	241	0
	Yesterday	45	50	57	3.7	SE	41.0	32.6	163	0										
Science Faculty	Today	31↑	38↑	59	3.7	NNE	41.9	30.5	181	0	Yesterday									
	Yesterday	40	48	57	3.7	SE	41.1	32.6	163	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, while that of PM_{10} are within the WHO permissible limits.

At Sanjay Place also, concentrations of $PM_{2.5}$ and PM_{10} have decreased, ^{but} they are outside the WHO permissible limits.

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

Wednesday, 29-06-2022, 05:19 PM
Received, Wednesday, 29-06-2022, 12:21 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.