

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 30.6.2022

(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 30 – 29 Yesterday June 29 – 28	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: June 30 – 29 Yesterday June 29 – 28	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	8↑↑	29↑	66	3.4	ENE	41.7	26.5	147	8.5	Today	26↑	101↑	60	3.0	SE	41.4	27.4	157	11
	Yesterday	21	38	58	3.7	NNE	42.7	30.6	181	0										
3 / 34	Today	15↑	24↑	66	3.4	ENE	41.8	26.3	148	8.5	Yesterday	47	104	52	3.6	NE	44.7	32	177	0
	Yesterday	33	38	59	3.7	NNE	42.7	30.7	181	0										
Science Faculty	Today	12↑	21↑	66	3.4	ENE	42.8	26.3	148	8.5										
	Yesterday	31	38	59	3.7	NNE	41.9	30.5	181	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 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 decreased, but they are still outside the WHO permissible limits.

What we need to do is to intensify Misting, as and when necessary, to the level of Sprinkler Irrigation; to stay Within WHO 2021 Limits!

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

Friday, 01-07-2022, 04:05 AM

Received, Thursday, 30-06-2022, 01:01 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.