

# Radhasoami Dayal Ki Daya Radhasoami Sahai

**AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 11.7.2022**

**(BASED ON WHO GUIDELINES - 2021)**

**Permissible Limits (24 Hour Mean): PM<sub>10</sub> = 45; PM<sub>2.5</sub> = 15, all units are in µg/m<sup>3</sup>**

	Date Today: July 11 – 10  Yesterday July 10 – 9	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: July 11 – 10  Yesterday July 10 – 9	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	18	31	81	3.6	W	37.2	27.2	187	03	Today	39↑	92↑	71	2.0	E	37.4	30.4	196	0.5
	Yesterday	18	31	80	4.7	S	35.3	25.7	126	33										
3 / 34	Today	42↓	47↓	80	3.7	W	36.6	27.6	187	03										
	Yesterday	31	37	80	4.7	S	35.1	25.7	126	33										
Science Faculty	Today	24	32	81	3.7	W	36.3	27.8	187	03										
	Yesterday	24	30	82	4.9	S	35.0	25.8	126	33										

**COLOUR-CODE:**

**Within WHO 2021 Limits**

**Outside WHO 2021 Limits**

**Views of AQI Research Group:** In comparison to yesterday, the concentrations of both PM<sub>2.5</sub> and PM<sub>10</sub> have remained nearly constant at Vidyut Nagar and Science Faculty and a significant increase is observed at Prem Nagar which may be due to movement of pilgrims and vehicles. Concentrations of PM<sub>2.5</sub> are outside the WHO permissible limits while PM<sub>10</sub> are within the WHO permissible limits at Vidyut Nagar and Science Faculty. At Prem Nagar, PM<sub>10</sub> concentrations have marginally exceeded the WHO limits.

At Sanjay Place, the concentrations of PM<sub>2.5</sub> and PM<sub>10</sub> have decreased but are still outside the WHO permissible limits.

Since WHO (World Health Organization) Guidelines only provide a single value for permissible PM<sub>2.5</sub> and PM<sub>10</sub> 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.