

Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 5.9.2022 (BASED ON US-EPA AQI STANDARDS AND THE DAYALBAGH AQI COLOUR CODE)

Permissible Limits (24 Hour Mean) : $PM_{10} = 150$; $PM_{2.5} = 35$, all units are in $\mu g/m^3$ Sampling Duration = 24 hrs (9:00 to 9:00 AM)

	Date Today: September 5 – 4 Yesterday September 4 – 3	Duration n M = Day time (6am-6pm) E = Night time (6pm-6am)	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date Today: Septemb er 5 – 4 Yesterday September 4 – 3	Duration M = Daytime (6am-6pm) E = Nighttime (6pm-6am)	SANJAY PLACE (ARITHMETIC MEAN DATA)									
			AQI			Meteorological Parameters								AQI			Meteorological Parameters						
			PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF m m			PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR W/m ²	RF m m	
Ma x	Mi n	Max						Min															
4 / 97	Today	E	42	22	57	1.2	NN E	35. 8	28. 6	5.3	0	Today	E	70	52	64	2.3	E	35.3	29	7.4	0	
		M	25	18	51	1.5	N	41. 1	28. 5	376	0												
	Yesterday	E	42	26	67	0.9	NE	36. 1	28. 5	5.5	0		M	59	55	52	3.3	ENE	38.9	30.9	416	0	
		M	33	21	53	1.7	S	39. 4	27. 7	363	0												
3 / 34	Today	E	63	21	57	1.2	NN E	35. 8	28. 6	5.3	0	Yesterday	E	76	58	66	2.7	E	37.1	29.6	12	0	
		M	50	17	51	1.5	N	41. 1	28. 5	376	0												
	Yesterday	E	63	24	67	0.9	NE	36. 1	28. 5	5.5	0		M	70	60	57	3.6	NE	39.2	29	416	0	
		M	50	19	53	1.7	S	39. 4	27. 7	363	0												
Science Faculty	Today	E	63	24	57	1.2	NN E	35. 8	28. 6	5.3	0	Yesterday	M										
		M	57	21	51	1.5	N	41. 1	28. 5	376	0												
	Yesterday	E	78	29	67	0.9	NE	36. 1	28. 5	5.5	0												
		M	55	18	53	1.7	S	39. 4	27. 7	363	0												

Good
0 - 50

Moderate
51 - 100

Unhealthy for Sensitive Groups
101 - 150

Unhealthy for All
151 - 200

Very Unhealthy for All
201 - 300

Hazardous for All
301 - 400

Hazardous for All
201 - 300

Views of AQI Research Group: At Vidyut Nagar, Air Quality Index w.r.t. both $PM_{2.5}$ and PM_{10} is in *Good* category while at Prem Nagar AQI is in the *Moderate* category only during evening hours. At Science Faculty, AQI remains in *Moderate* category w.r.t. $PM_{2.5}$ and in *Good* category w.r.t. PM_{10} .
The AQI at Sanjay Place remains in the *Moderate* category w.r.t. both $PM_{2.5}$ and PM_{10} .

Communicated by Dr. Anita Lakhani, Professor, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra.

Improvement rather than deterioration should be tried to the best of their capacity by all concerned.

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

Monday, 05-09-2022, 05:43 PM

Received, Monday, 05-09-2022, 02:17 PM