



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – April 21, 2024



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years

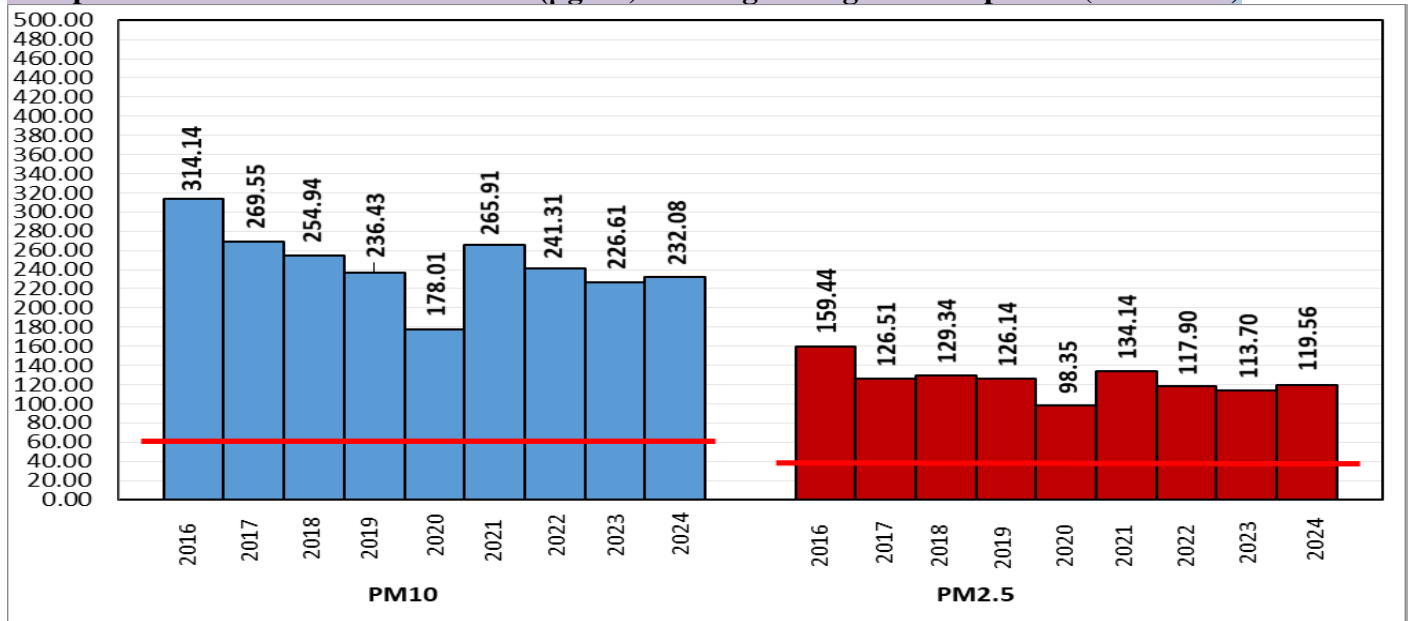
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	138↓	O ₃ , PM _{2.5}	Moderate	129↓	NO ₂ , O ₃	Poor	296↑	PM ₁₀
Faridabad	Moderate	142↓	PM _{2.5} , PM ₁₀	Moderate	127↓	PM _{2.5}	Poor	257↓	PM ₁₀
Ghaziabad	Moderate	139↓	PM ₁₀	Moderate	133↓	O ₃	Poor	287↑	PM ₁₀
Greater Noida	Moderate	154↓	PM ₁₀	Moderate	160↓	O ₃	Very Poor	328↑	PM ₁₀
Gurugram	Poor	208↓	PM _{2.5} , PM ₁₀	Moderate	182↓	PM _{2.5}	Poor	258↓	PM ₁₀ , PM _{2.5}
Noida	Moderate	139↓	PM ₁₀	Moderate	162↓	NO ₂ , O ₃	Very Poor	320↑	PM ₁₀

*Data available for 39(2024), 39(2023), 35(2022) stations in Delhi today. # ↑, ↓ arrows indicate a decrease/increase as compared to the value on the previous day.

Comparative status of AQI - Delhi from 01 January to 21 April 2016-2024

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	No. of days	10	11	11	11	11	11	11	11	11	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Satisfactory (51-100)		0	0	1	2	22	0	3	3	0	8	25	31	44	60	27	27	46	56	
Moderate (101-200)		8	25	30	42	37	27	24	43	56										
Poor (201-300)		51	57	55	38	35	46	65	42	22										
Very Poor (301-400)		43	29	22	22	15	32	18	20	31	10	86	80	67	52	84	84	65	56	
Severe (>401)		6	0	3	7	2	6	1	3	3	0									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till April 20 (2016-2024)



*Red line shows the annual average concentration standards for PM₁₀ and PM_{2.5}.

Daily Average of Particulates in Delhi (24 hourly average value; from 06:00am of 20.04.24 to 06:00 am of 21.04.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
20- April -2024	55↓	189↓

Hotspots for Today:

*Details given below

Delhi	NSIT Dwarka, Shadipur, Dr. Karni Singh Shooting Range, Jahangirpuri, Mundka	Ghaziabad	Indirapuram, Sanjay Nagar
Faridabad	New Industrial Town, Sector 11, Sector 30	Greater Noida	Knowledge Park - III
Gurugram	Sector 51, Vikas Sadan	Noida	Sector-116, Sector-01

Forecast by IITM(Delhi):

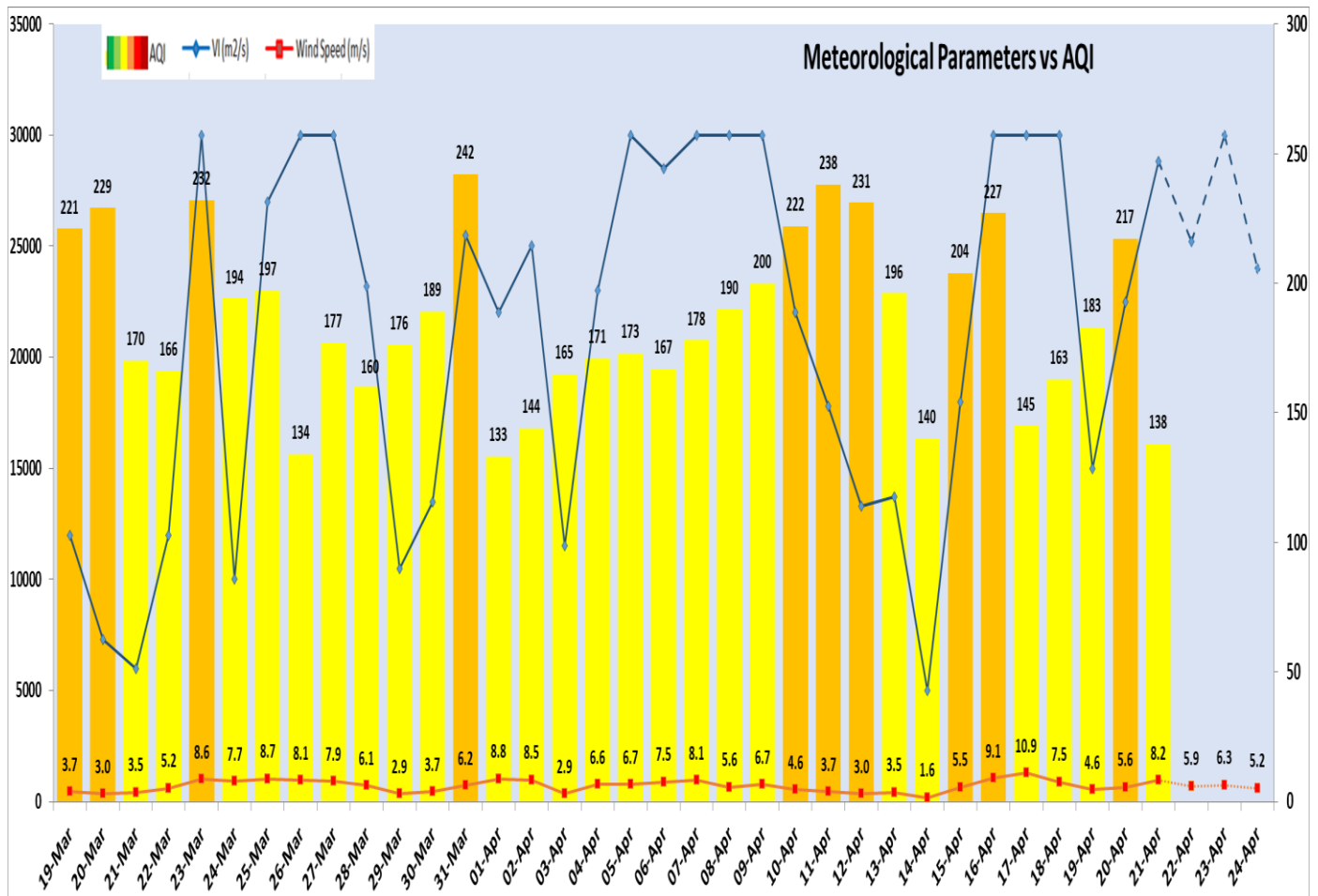
	Apr 22, 2024	Apr 23, 2024	Apr 24, 2024
AQI Category	Moderate	Moderate	Moderate

Wind Forecast for Delhi:

	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (range)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Apr 22. 2024	08 TO 15	12	18	NW	W
Apr 23. 2024	06 TO 24	13	19	NW	NW
Apr 24. 2024	06 TO 16	17	22	VAR	NW

IMD Alert for Tomorrow (22.04.2024):

The air quality is likely to be in Moderate category from 22.04.2024 to 24.04.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-15 kmph, partly cloudy sky and possibility of drizzle accompanied with gusty winds (speed 25-35 kmph) at one or two places on 22.04.2024. Ventilation index is likely to be 25200 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
18-04-2024	20.9	35.1
19-04-2024	24.3	39.2
20-04-2024	23.3	39.4
21-04-2024	24.0	37.2

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	NSIT Dwarka, Delhi - CPCB	259	Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	188	Moderate	PM _{2.5}
	Dr. Karni Singh Shooting Range, Delhi - DPCC	183	Moderate	O ₃
	Jahangirpuri, Delhi - DPCC	182	Moderate	PM ₁₀
	Mundka, Delhi - DPCC	181	Moderate	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	213	Poor	PM _{2.5}
	Sector 11, Faridabad - HSPCB	160	Moderate	PM ₁₀
	Sector 30, Faridabad - HSPCB	144	Moderate	PM ₁₀
Gurugram	Sector-51, Gurugram - HSPCB	262	Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	210	Poor	PM _{2.5}
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	158	Moderate	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	146	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	156	Moderate	PM ₁₀
Noida	Sector - 62, Noida - IMD	142	Moderate	PM ₁₀
	Sector-1, Noida - UPPCB	140	Moderate	PM ₁₀