



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 22, 2024



Current Air Quality Status:

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

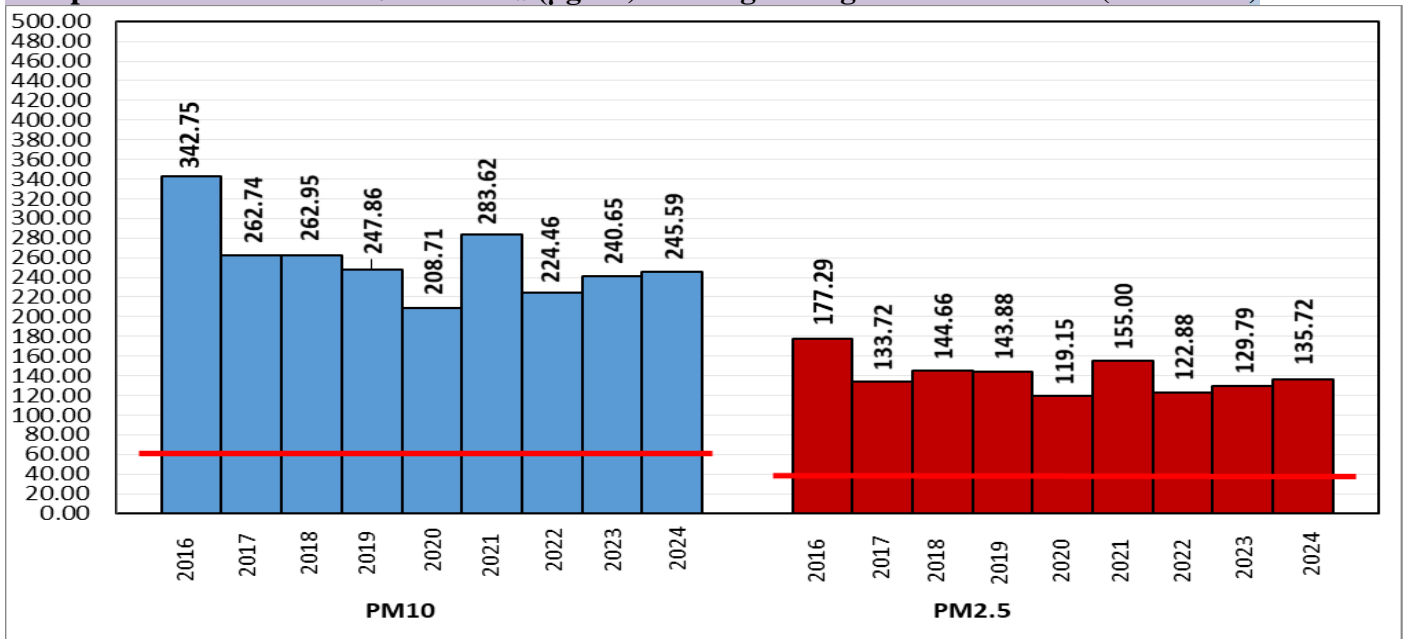
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	166↓	PM2.5	Moderate	164↑	O ₃ , PM2.5	Moderate	180↓	PM2.5
Faridabad	Moderate	176↓	PM2.5	Moderate	117↓	PM10, PM2.5	Moderate	183↓	PM10, PM2.5
Ghaziabad	Moderate	126↑	PM10, PM2.5	Moderate	152↑	O ₃	Poor	204↓	PM10, PM2.5
Greater Noida	Moderate	154↓	PM10	Moderate	150↑	PM10	Moderate	157↓	PM10
Gurugram	Moderate	158↓	PM10, PM2.5	Moderate	145↑	PM2.5	Poor	204↓	PM10, PM2.5
Noida	Moderate	137↓	PM10, PM2.5	Moderate	142↑	PM2.5	Moderate	148↓	PM10

*Data available for 35(2024), 35(2023), 38(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 22 March 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	78	81	81	81	82	81	81	81	82	6	13	20	26	30	9	26	27	34
Good (0–50)		0	0	0	0	0	0	0	0	0	6	13	20	26	30	9	26	27	34
Satisfactory (51–100)		0	0	0	1	5	0	3	0	0	6	13	20	26	30	9	26	27	34
Moderate (101–200)		6	13	20	25	25	9	23	27	34	6	13	20	26	30	9	26	27	34
Poor (201–300)		25	44	37	27	35	34	37	31	14	6	13	20	26	30	9	26	27	34
Very Poor (301–400)		41	24	21	21	15	32	17	20	31	6	13	20	26	30	9	26	27	34
Severe (>401)		6	0	3	7	2	6	1	3	3	6	13	20	26	30	9	26	27	34

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till March 21 (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 21.03.24 to 06:00 am of 22.03.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21- March -2024	72↓	163↓

Hotspots for Today: *Details given below

Delhi	ITO, Chandni Chowk, Narela, Bawana, Alipur	Ghaziabad	Sanjay Nagar, Loni
Faridabad	New Industrial Town, Sector- 16A	Greater Noida	Knowledge Park - V
Gurugram	Teri Gram, Sector-51	Noida	Sector-116, Sector - 62

Forecast by IITM(Delhi):

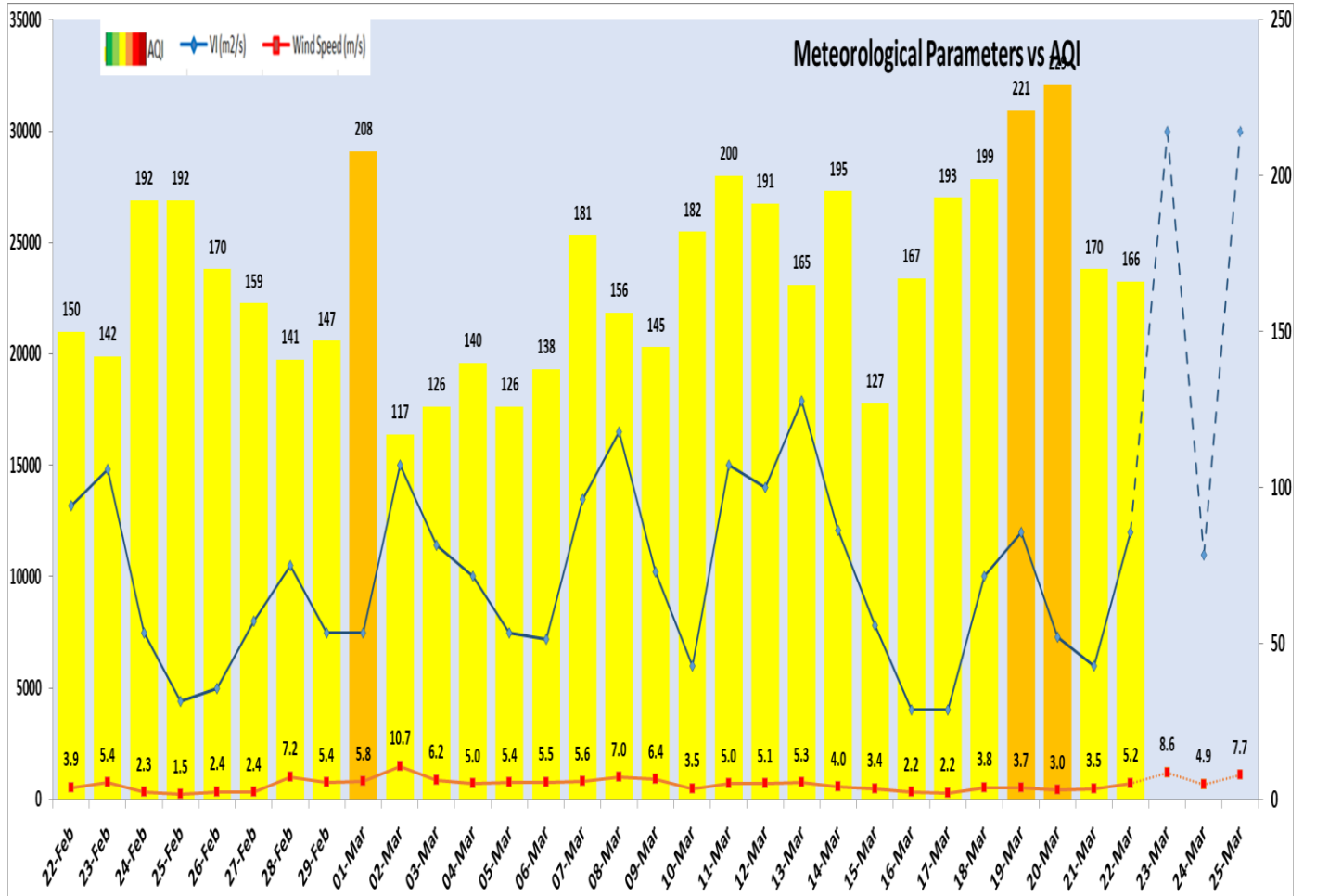
	Mar 23, 2024	Mar 24, 2024	Mar 25, 2024
AQI Category	Moderate	Moderate	Moderate

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
Mar 23. 2024	12-24	15	35	NW	NW
Mar 24. 2024	10-24	08	17	NW	N
Mar 25. 2024	12-26	14	30	NW	NW

IMD Alert for Tomorrow (23.03.2024):

The air quality is likely to be in Moderate category from 23.03.2024- 25.03.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 12-24 kmph and partly cloudy sky with strong surface winds (speed 20-30 kmph) during the day on 23.03.2024. Ventilation index is likely to be 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
19-03-2024	12.2	30.6
20-03-2024	13.7	31.3
21-03-2024	16.4	33.6
22-03-2024	18.0	30.1

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	ITO, Delhi - CPCB	265	Poor	PM _{2.5}
	Chandni Chowk, Delhi - IITM	256	Poor	PM _{2.5}
	Narela, Delhi - DPCC	236	Poor	PM _{2.5}
	Bawana, Delhi - DPCC	220	Poor	Ozone
	Alipur, Delhi - DPCC	214	Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	225	Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	181	Moderate	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	181	Moderate	PM ₁₀
	Sector-51, Gurugram - HSPCB	174	Moderate	PM _{2.5}
Ghaziabad	Sanjay Nagar, Ghaziabad - UPPCB	169	Moderate	PM _{2.5}
	Loni, Ghaziabad - UPPCB	134	Moderate	PM ₁₀
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	174	Moderate	PM ₁₀
Noida	Sector-116, Noida - UPPCB	158	Moderate	PM _{2.5}
	Sector - 62, Noida - IMD	139	Moderate	PM ₁₀