



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 22, 2024



Current Air Quality Status:

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

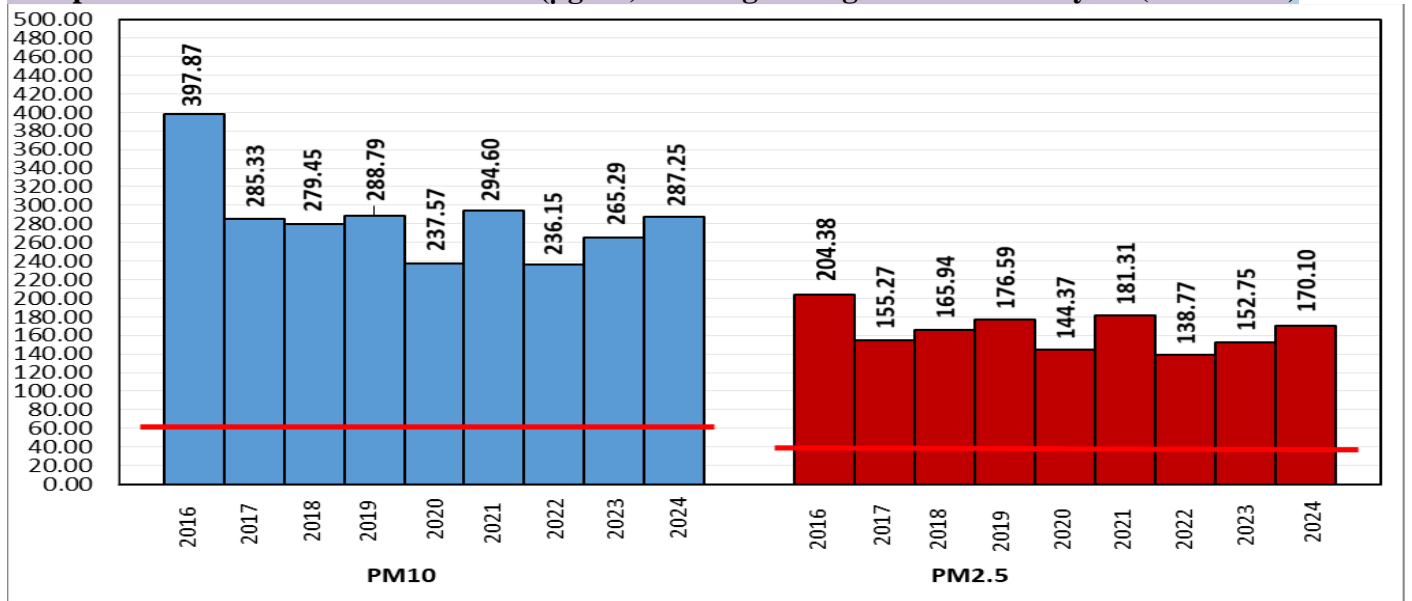
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	150↓	PM10, PM2.5, NO ₂	Very Poor	302↑	PM2.5	Poor	252↑	PM10
Faridabad	Moderate	170↓	PM10, PM2.5, O ₃	Poor	278↑	PM2.5	Poor	214↑	PM10, PM2.5, O ₃
Ghaziabad	Moderate	126↓	PM10	Poor	278↑	PM2.5	Poor	297↑	PM10
Greater Noida	Moderate	182↓	PM10, PM2.5	Poor	253↑	PM2.5	Poor	220↑	PM10
Gurugram	Moderate	148↓	PM10, CO, PM2.5	Poor	294↑	PM2.5	Poor	222↑	PM10, PM2.5
Noida	Moderate	142↓	PM10	Very Poor	302↑	PM2.5	Poor	227↑	PM10, PM2.5

*Data available for 37(2024), 38(2023), 37(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 February 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	53	53	53	53	53	53	53	53	53	2016	2017	2018	2019	2020	2021	2022	2023	2024
Good (0–50)		0	0	0	0	0	0	0	0	0									
Satisfactory (51–100)		0	0	0	0	1	0	2	0	0	1	3	4	7	7	4	12	11	8
Moderate (101–200)		1	3	4	7	6	4	10	11	8									
Poor (201–300)		12	26	25	18	29	13	24	19	11									
Very Poor (301–400)		34	24	21	21	15	30	16	20	31	52	50	49	46	46	49	41	42	45
Severe (>401)		6	0	3	7	2	6	1	3	3									

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till February 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 21.02.24 to 06:00 am of 22.02.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
21- February -2024	73↓	167↓

Hotspots for Today:

*Details given below

Delhi	Bawana, Anand Vihar, Sirifort, Shadipur, Jahangirpuri	Ghaziabad	Indirapuram
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Teri Gram ,Sector-51	Noida	Sector-62, Sector-1

Forecast by IITM(Delhi):

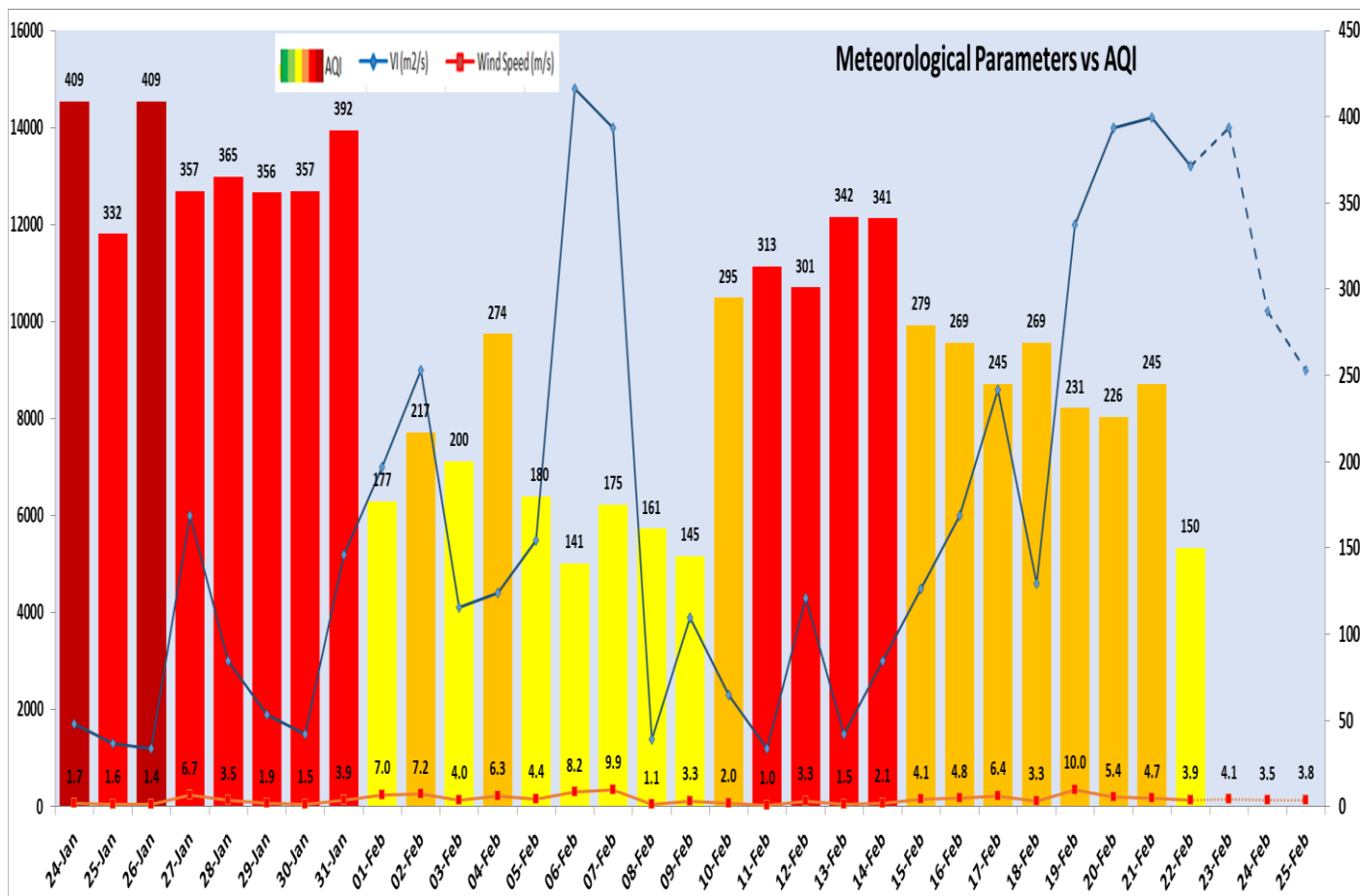
	Feb 23, 2024	Feb 24, 2024	Feb 25, 2024
AQI Category	Moderate	Poor	Poor

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
Feb 23. 2024	04-06	09	18	N/NW	NW
Feb 24. 2024	06-10	03	05	N/NE	NW
Feb 25. 2024	04	09	20	N	NW

IMD Alert for Tomorrow (23.02.2024):

The air quality is likely to be in Moderate category on 22.02.2024 and 23.02.2024. The predominant surface wind is likely to be coming from North/Northwest directions in Delhi with wind speed 04- 06 kmph and mainly clear sky on 23.02.2024. Ventilation index is likely to be 14000 m²/s.



Delhi Temperature in (°C)

Date	Minimum	Maximum
19-02-2024	14.1	29.7
20-02-2024	14.7	28.2
21-02-2024	12.2	28.1
22-02-2024	10.8	26.9

Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Bawana, Delhi - DPCC	191	Moderate	PM _{2.5}
	Anand Vihar, Delhi - DPCC	188	Moderate	PM ₁₀
	Sirifort, Delhi - CPCB	184	Moderate	NO ₂
	Shadipur, Delhi - CPCB	183	Moderate	PM ₁₀
	Jahangirpuri, Delhi - DPCC	178	Moderate	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	250	Poor	O ₃
Gurugram	Teri Gram, Gurugram - HSPCB	181	Moderate	PM ₁₀
	Sector-51, Gurugram - HSPCB	161	Moderate	PM _{2.5}
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	146	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	192	Moderate	PM _{2.5}
Noida	Sector - 62, Noida - IMD	165	Moderate	PM ₁₀
	Sector-1, Noida - UPPCB	157	Moderate	PM ₁₀