



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – February 23, 2024



Current Air Quality Status:

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

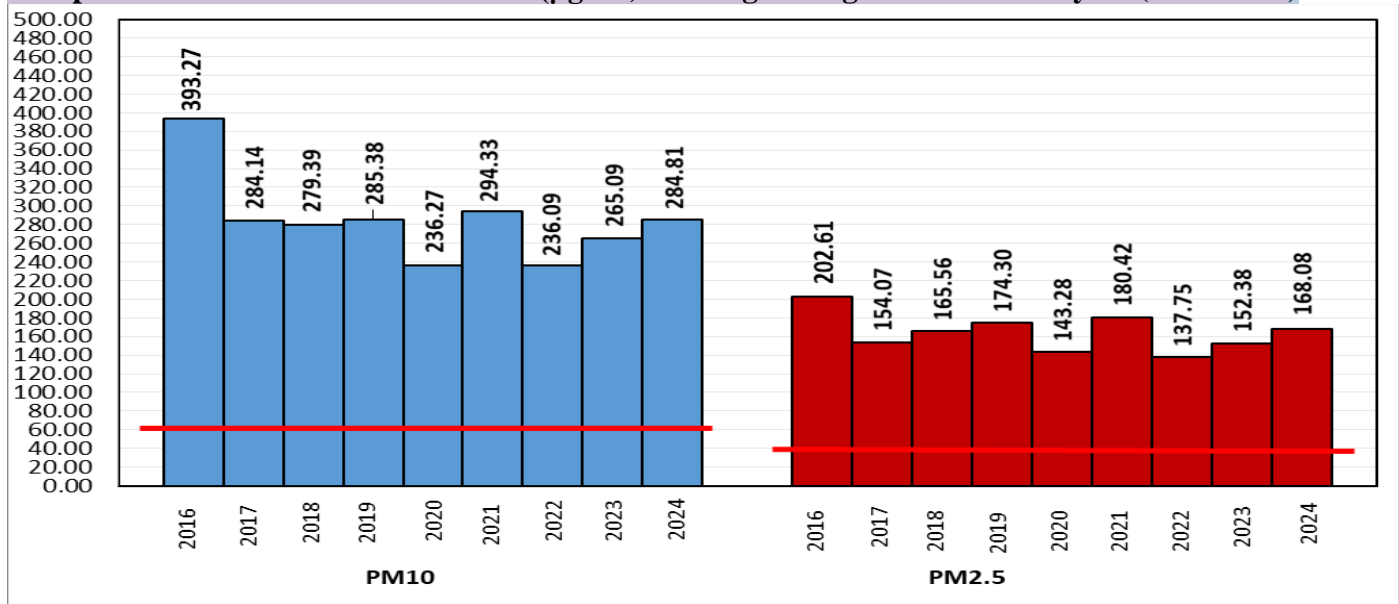
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	142↓	PM10, PM2.5, NO ₂	Poor	227↓	PM2.5	Poor	211↓	PM2.5
Faridabad	Moderate	122↓	PM10, PM2.5	Poor	230↓	PM2.5	Poor	204↓	PM2.5
Ghaziabad	Moderate	118↓	PM10	Moderate	180↓	PM10	Poor	213↓	PM2.5
Greater Noida	Moderate	138↓	PM10	Moderate	198↓	PM10	Moderate	142↓	PM10
Gurugram	Moderate	127↓	PM10, CO, PM2.5	Poor	221↓	PM2.5	Poor	237↑	PM2.5
Noida	Moderate	120↓	PM10	Moderate	169↓	PM2.5	Moderate	174↓	PM10, PM2.5

*Data available for 38(2024), 38(2023), 39(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 23 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	54	54	54	54	54	54	54	54	54	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	4	4	8	7	4	12	11	9	
Moderate (101–200)		1	4	4	8	6	4	10	11	9										
Poor (201–300)		13	26	26	18	30	14	25	20	11										
Very Poor (301–400)		34	24	21	21	15	30	16	20	31	53	50	50	46	47	50	42	43	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 22 (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 22.02.24 to 06:00 am of 23.02.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
22- February -2024	63↓	158↓

Hotspots for Today: *Details given below

Delhi	Shadipur, Mundka, Sirifort, Jahangirpuri, Bawana	Ghaziabad	Indirapuram, Loni
Faridabad	Sector 11, Sector 30	Greater Noida	Knowledge Park - III
Gurugram	Teri Gram ,Sector-51	Noida	Sector-62, Sector-1

Forecast by IITM(Delhi):

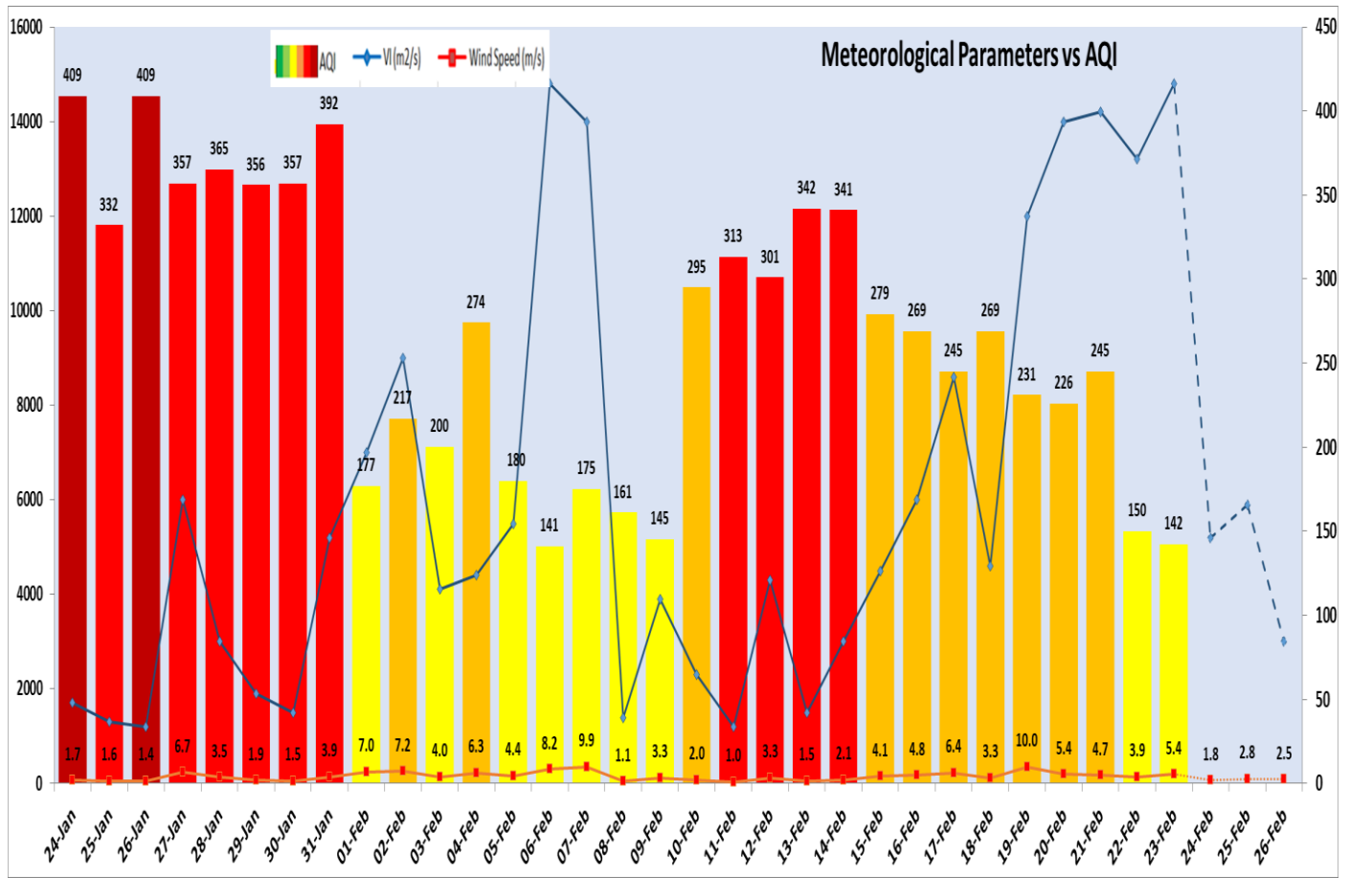
	Feb 24, 2024	Feb 25, 2024	Feb 26, 2024
AQI Category	Moderate	Moderate	Moderate

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
Feb 24. 2024	04-16	06	05	NE/SE	W
Feb 25. 2024	08-12	05	11	ENE/NE	NW
Feb 26. 2024	08-16	04	05	NE/SE	N

IMD Alert for Tomorrow (24.02.2024):

The air quality is likely to be in Moderate category from 24.02.2024 to 26.02.2024. The predominant surface wind is likely to be coming from Northeast/Southeast directions in Delhi with wind speed 04-16 kmph and partly cloudy sky on 24.02.2024. Ventilation index is likely to be 5200 m²/s.



Delhi Temperature in (°C)

Date	Minimum	Maximum
20-02-2024	14.7	28.2
21-02-2024	12.2	28.1
22-02-2024	10.8	26.9
23-02-2024	7.6	26.2

Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Shadipur, Delhi - CPCB	212	Poor	PM _{2.5}
	Mundka, Delhi - DPCC	200	Moderate	PM ₁₀
	Sirifort, Delhi - CPCB	188	Moderate	NO ₂
	Jahangirpuri, Delhi - DPCC	186	Moderate	PM ₁₀
	Bawana, Delhi - DPCC	180	Moderate	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	142	Moderate	PM ₁₀
	Sector 30, Faridabad - HSPCB	131	Moderate	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	144	Moderate	PM ₁₀
	Sector-51, Gurugram - HSPCB	141	Moderate	PM _{2.5}
Ghaziabad	Indrapuram, Ghaziabad - UPPCB	137	Moderate	PM ₁₀
	Loni, Ghaziabad - UPPCB	122	Moderate	PM ₁₀
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	162	Moderate	PM ₁₀
Noida	Sector - 62, Noida - IMD	138	Moderate	PM ₁₀
	Sector-1, Noida - UPPCB	136	Moderate	PM ₁₀