



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – March 18, 2024



Current Air Quality Status:

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

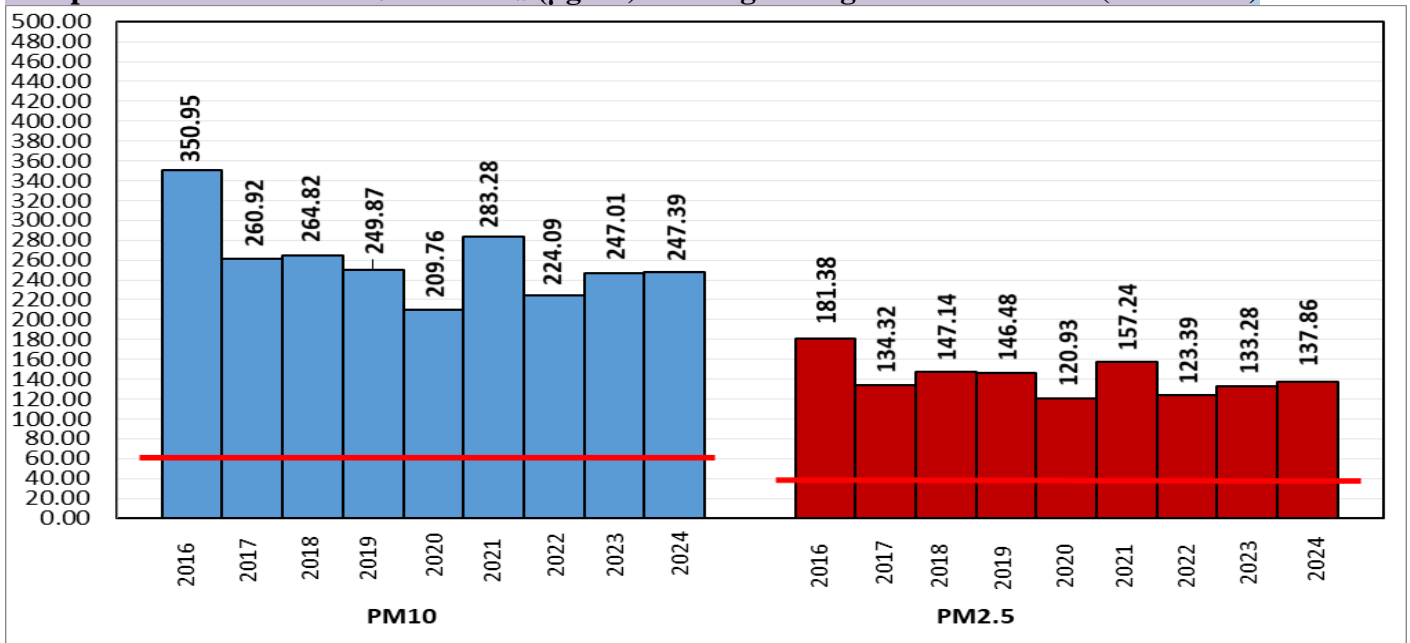
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	199↑	PM10, PM2.5	Moderate	184↓	PM2.5	Poor	293↑	PM2.5
Faridabad	Moderate	196↑	PM10, PM2.5	Moderate	182↑	PM2.5	Poor	237↑	PM2.5
Ghaziabad	Moderate	133↓	PM10, O3	Moderate	120↓	PM10, PM2.5	Very Poor	322↑	PM2.5
Greater Noida	Poor	202↑	PM10, O3	Moderate	141↓	PM10	Poor	228↑	PM2.5
Gurugram	Moderate	199↓	PM10, PM2.5	Moderate	200↑	PM2.5	Poor	259↑	PM2.5
Noida	Moderate	147↓	PM10	Moderate	153↓	PM2.5	Poor	268↑	PM2.5

*Data available for 38(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 18 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	74	77	77	77	78	77	77	77	78	2016	2017	2018	2019	2020	2021	2022	2023	2024
Good (0–50)		0	0	0	0	0	0	0	0	0	5	13	17	25	26	8	25	23	32
Satisfactory (51–100)		0	0	0	1	5	0	3	0	0	5	13	17	25	26	8	25	23	32
Moderate (101–200)		5	13	17	24	21	8	22	23	32	5	13	17	25	26	8	25	23	32
Poor (201–300)		22	40	36	24	35	31	34	31	12	69	64	60	52	52	69	52	54	46
Very Poor (301–400)		41	24	21	21	15	32	17	20	31	69	64	60	52	52	69	52	54	46
Severe (>401)		6	0	3	7	2	6	1	3	3	69	64	60	52	52	69	52	54	46

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till March 17 (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 17.03.24 to 06:00 am of 18.03.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
17- March -2024	92↑	190↑

Hotspots for Today:

*Details given below

Delhi	Mundka, Dwarka-Sector 8, Chandni Chowk, Bawana, Pusa	Ghaziabad	Loni
Faridabad	New Industrial Town	Greater Noida	Knowledge Park - III
Gurugram	Teri Gram, Sector-51	Noida	Sector-1, Sector - 62, Sector-116

Forecast by IITM(Delhi):

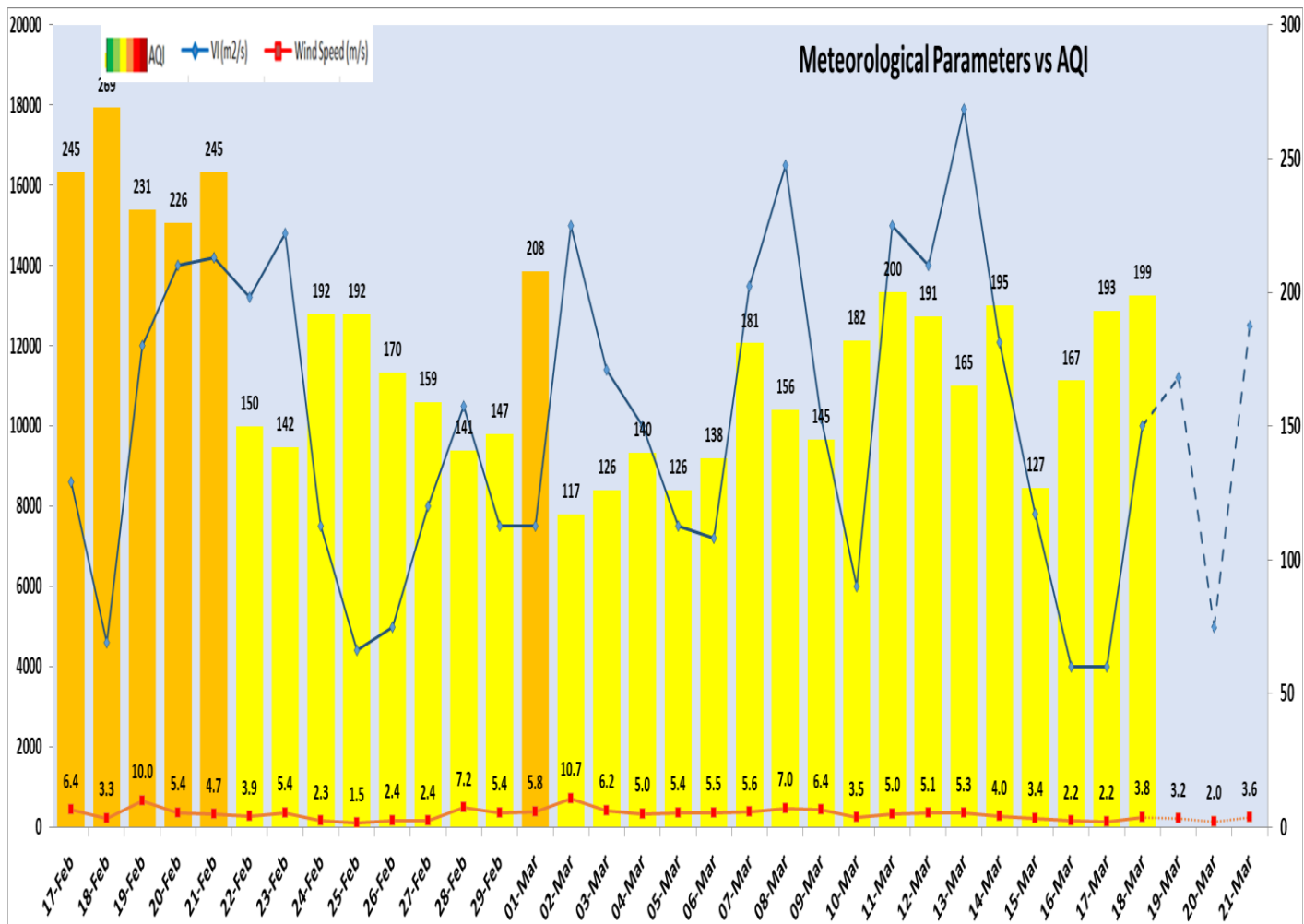
	Mar 19, 2024	Mar 20, 2024	Mar 21, 2024
AQI Category	Moderate	Poor	Poor

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
Mar 19. 2024	06 TO 14	12	27	VAR	NW
Mar 20. 2024	04 TO 08	06	12	NE	NW
Mar 21. 2024	04 TO 08	04	06	SE	SW

IMD Alert for Tomorrow (19.03.2024):

The air quality is likely to be in Moderate category on 18.03.2024 and 19.03.2024. The predominant surface wind is likely to be coming from variable directions in Delhi with wind speed 06-14 kmph and mainly clear sky on 19.03.2024. Ventilation index is likely to be 11200 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
15-03-2024	13.9	30.4
16-03-2024	10.1	28.7
17-03-2024	11.9	30.3
18-03-2024	12.2	30.8

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	274	Poor	PM _{2.5}
	Dwarka-Sector 8, Delhi - DPCC	273	Poor	PM ₁₀
	Chandni Chowk, Delhi - IITM	268	Poor	PM _{2.5}
	Bawana, Delhi - DPCC	258	Poor	PM _{2.5}
	Pusa, Delhi - IMD	254	Poor	PM _{2.5}
Faridabad	New Industrial Town, Faridabad - HSPCB	298	Poor	PM _{2.5}
Gurugram	Teri Gram, Gurugram - HSPCB	266	Poor	PM ₁₀
	Sector-51, Gurugram - HSPCB	208	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	171	Moderate	Ozone
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	214	Poor	PM ₁₀
Noida	Sector-1, Noida - UPPCB	175	Moderate	PM ₁₀
	Sector - 62, Noida - IMD	159	Moderate	PM ₁₀
	Sector-116, Noida - UPPCB	150	Moderate	PM ₁₀