



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 17, 2023



Current Air Quality Status:

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

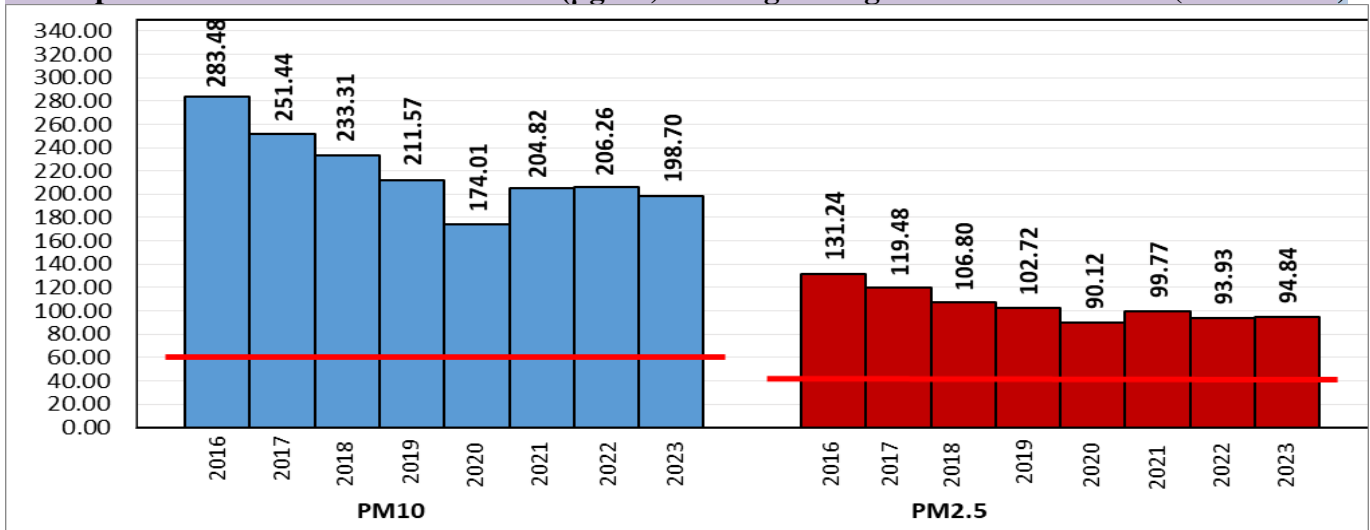
	2023			2022			2021(Covid- Year)		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	331 ↓	PM _{2.5}	Very Poor	304 ↑	PM _{2.5}	Very Poor	329 ↓	PM ₁₀ , PM _{2.5}
Faridabad	Poor	275 ↓	PM ₁₀ , PM _{2.5}	Poor	254 ↑	PM _{2.5}	Poor	268 ↓	PM _{2.5}
Ghaziabad	Poor	283 ↓	PM ₁₀ , PM _{2.5}	Poor	285 ↑	PM ₁₀	Poor	272 ↓	PM _{2.5}
Greater Noida	Poor	300 ↓	PM _{2.5}	Poor	300 ↑	PM ₁₀	Poor	222 ↓	PM _{2.5}
Gurugram	Poor	265 ↓	PM _{2.5}	Poor	287 ↑	PM _{2.5}	Very Poor	316 ↓	PM _{2.5}
Noida	Poor	296 ↓	PM ₁₀ , PM _{2.5}	Poor	288 ↑	PM _{2.5}	Poor	255 ↓	PM _{2.5}

*Data available for 36(2023), 36(2022), 36(2021) 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 17 December 2016-2023

Category	Year	2016	2017	2018	2019	2020	2021	2022	2023	2016	2017	2018	2019	2020	2021	2022	2023
	No. of days	340	351	351	351	352	351	351	351	2016	2017	2018	2019	2020	2021	2022	2023
Good (0-50)		0	2	0	2	4	1	3	1								
Satisfactory (51-100)		24	45	53	59	96	72	65	60	110	152	158	180	227	197	163	206
Moderate (101-200)		86	105	105	119	127	124	95	145								
Poor (201-300)		119	110	111	101	70	75	130	75								
Very Poor (301-400)		86	81	66	50	43	61	53	58	230	199	193	171	125	154	188	145
Severe (>401)		25	8	16	20	12	18	5	12								

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average - Till December 16 (2016- 2023)



*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 16.12.23 to 06:00 am of 17.12.23)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
16- December -2023	212 ↑	379 ↑

Hotspots for Today: *Details given below

Delhi	Nehru Nagar, Jahangirpuri, Mundka, Wazirpur, Anand Vihar	Ghaziabad	Loni
Faridabad	New Industrial Town, Sector 16A	Greater Noida	Knowledge Park -V
Gurugram	Sector-51, Teri Gram	Noida	Sector-116, Sector - 125

Forecast by IITM (Delhi):

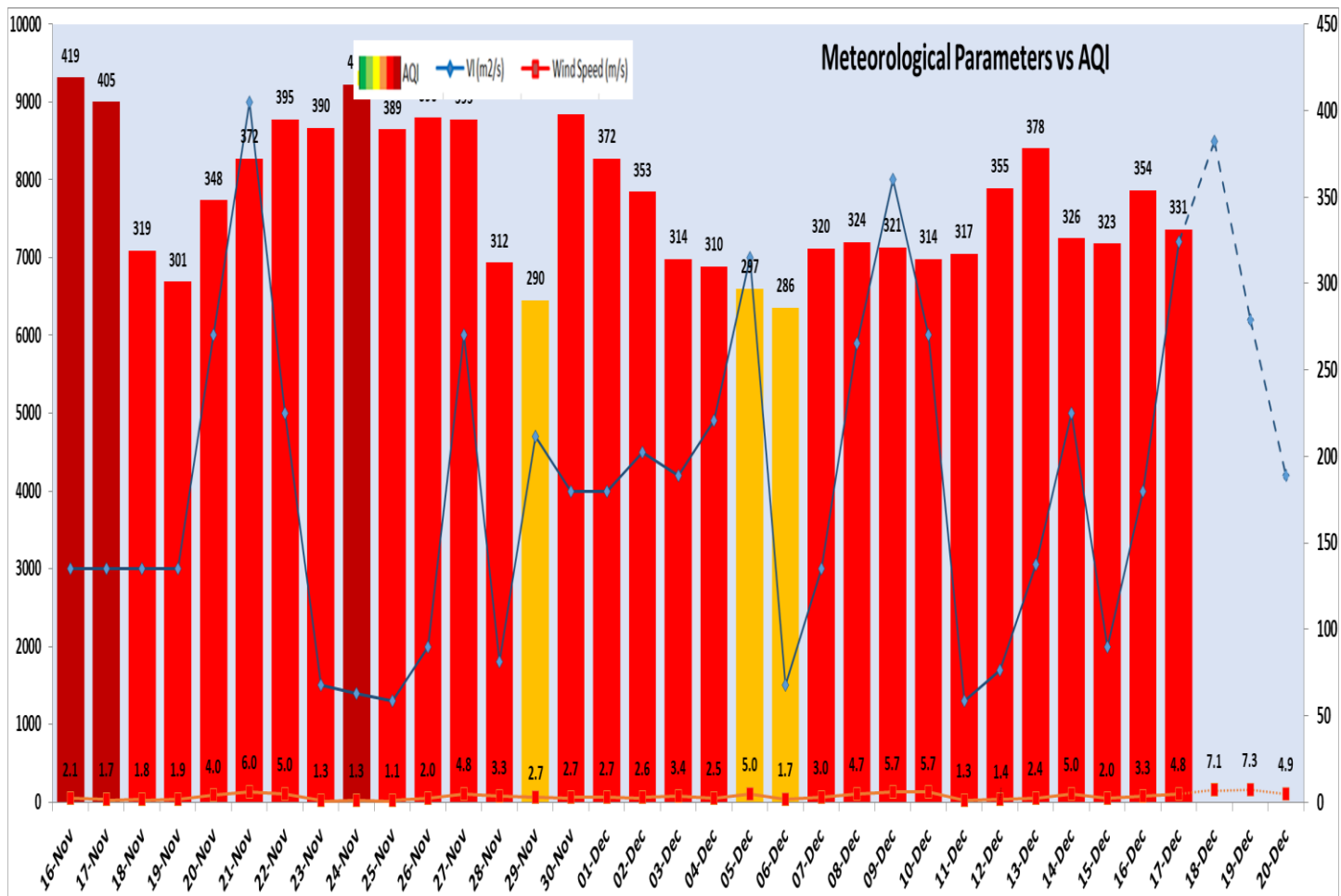
	Dec 18, 2023	Dec 19, 2023	Dec 20, 2023
AQI Category	Very Poor	Very Poor	Very Poor

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
Dec 18. 2023	06 to 16	11	41	NW	NW
Dec 19. 2023	08 to 12	12	39	NW	NW
Dec 20. 2023	06 to 10	9	35	NW	NW

IMD Alert for Tomorrow (18.12.2023):

The air quality is likely to remain in Very Poor category from 18.12.2023 to 20.12.2023. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 06-16 kmph, mainly clear sky and shallow fog in the morning on 18.12.2023. Ventilation index is likely to be 8500 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
14-12-2023	6.2	24.6
15-12-2023	4.9	24.1
16-12-2023	5.5	25.4
17-12-2023	6.5	24.7

▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Nehru Nagar, Delhi - DPCC	432	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	384	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	380	Very Poor	PM _{2.5}
	Wazirpur, Delhi - DPCC	380	Very Poor	PM ₁₀
	Anand Vihar, Delhi - DPCC	372	Very Poor	PM ₁₀
Faridabad	New Industrial Town, Faridabad - HSPCB	358	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	316	Very Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	288	Poor	PM _{2.5}
	Teri Gram, Gurugram - HSPCB	272	Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	301	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	314	Very Poor	PM _{2.5}
Noida	Sector-116, Noida - UPPCB	340	Very Poor	PM _{2.5}
	Sector - 125, Noida - UPPCB	307	Very Poor	PM ₁₀