



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – May 16, 2024



Current Air Quality Status:

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

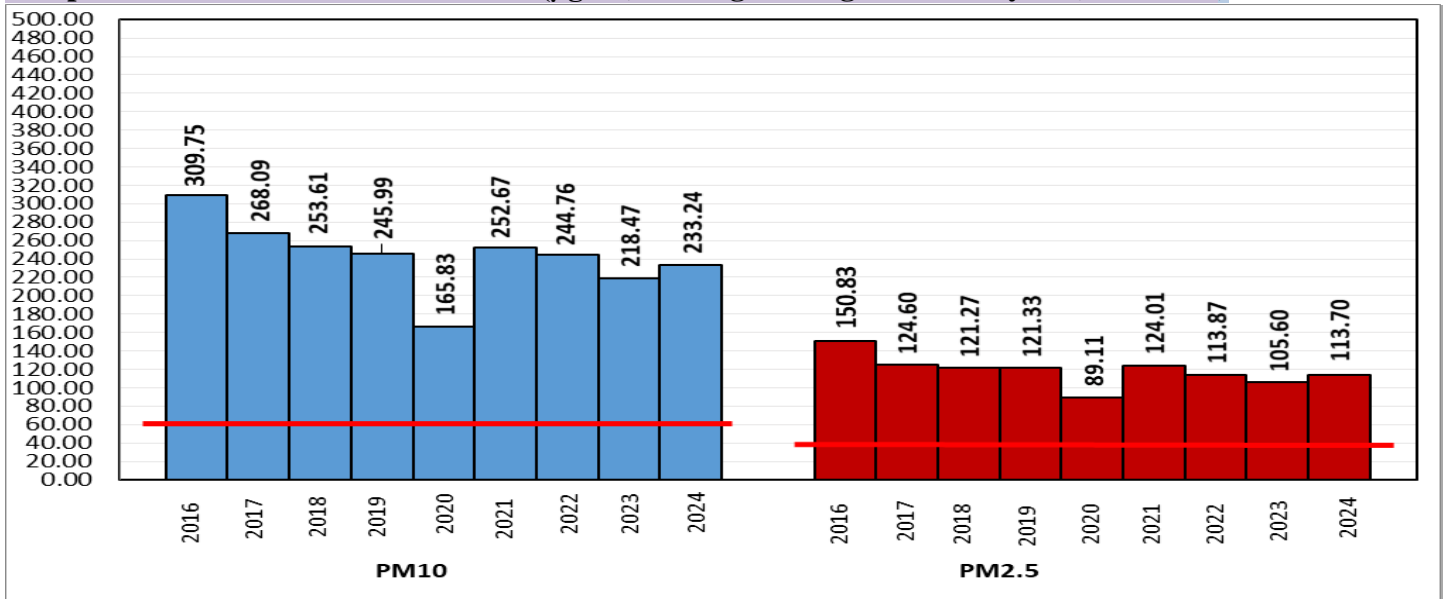
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Poor	235↓	PM ₁₀ , PM _{2.5}	Poor	254↑	PM ₁₀	Poor	297↑	PM ₁₀
Faridabad	Poor	220↓	PM _{2.5}	Moderate	180↑	PM ₁₀ , PM _{2.5}	Poor	288↑	PM _{2.5} , PM ₁₀
Ghaziabad	Moderate	200↓	PM ₁₀ , O ₃	Poor	296↑	PM ₁₀	Very Poor	322↑	PM ₁₀
Greater Noida	Very Poor	306↓	PM ₁₀ , O ₃	Very Poor	318↑	PM ₁₀	Very Poor	366↑	PM ₁₀
Gurugram	Poor	228↓	PM ₁₀ , PM _{2.5}	Poor	268↓	PM _{2.5}	Poor	285↑	PM _{2.5} , PM ₁₀
Noida	Poor	242↓	PM ₁₀	Poor	292↑	PM ₁₀	Very Poor	343↑	PM ₁₀

*Data available for 39(2024), 39(2023), 31(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 16 May 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	133	136	136	136	137	136	136	136	137	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Good (0-50)		0	0	0	0	1	0	0	0	0										
Satisfactory (51-100)		0	0	1	2	27	0	3	5	0	12	31	39	48	85	45	33	61	69	
Moderate (101-200)		12	31	38	46	57	45	30	56	69										
Poor (201-300)		67	70	67	55	35	52	84	52	33										
Very Poor (301-400)		48	35	27	26	15	33	18	20	32	121	105	97	88	52	91	103	75	68	
Severe (>401)		6	0	3	7	2	6	1	3	3										

Comparative status of PM₁₀ and PM_{2.5} (µg/m³) running average – Till May 15 (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 15.05.24 to 06:00 am of 16.05.24)

Date ↓ / parameter →	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
15- May -2024	113↓	254↓

Hotspots for Today: *Details given below

Delhi	Anand Vihar, Shadipur, Rohini, NSIT Dwarka, Narela	Ghaziabad	Loni, Indirapuram, Sanjay Nagar
Faridabad	Sector 30	Greater Noida	Knowledge Park - V
Gurugram	Sector-51	Noida	Sector - 125, Sector-1

Forecast by IITM(Delhi):

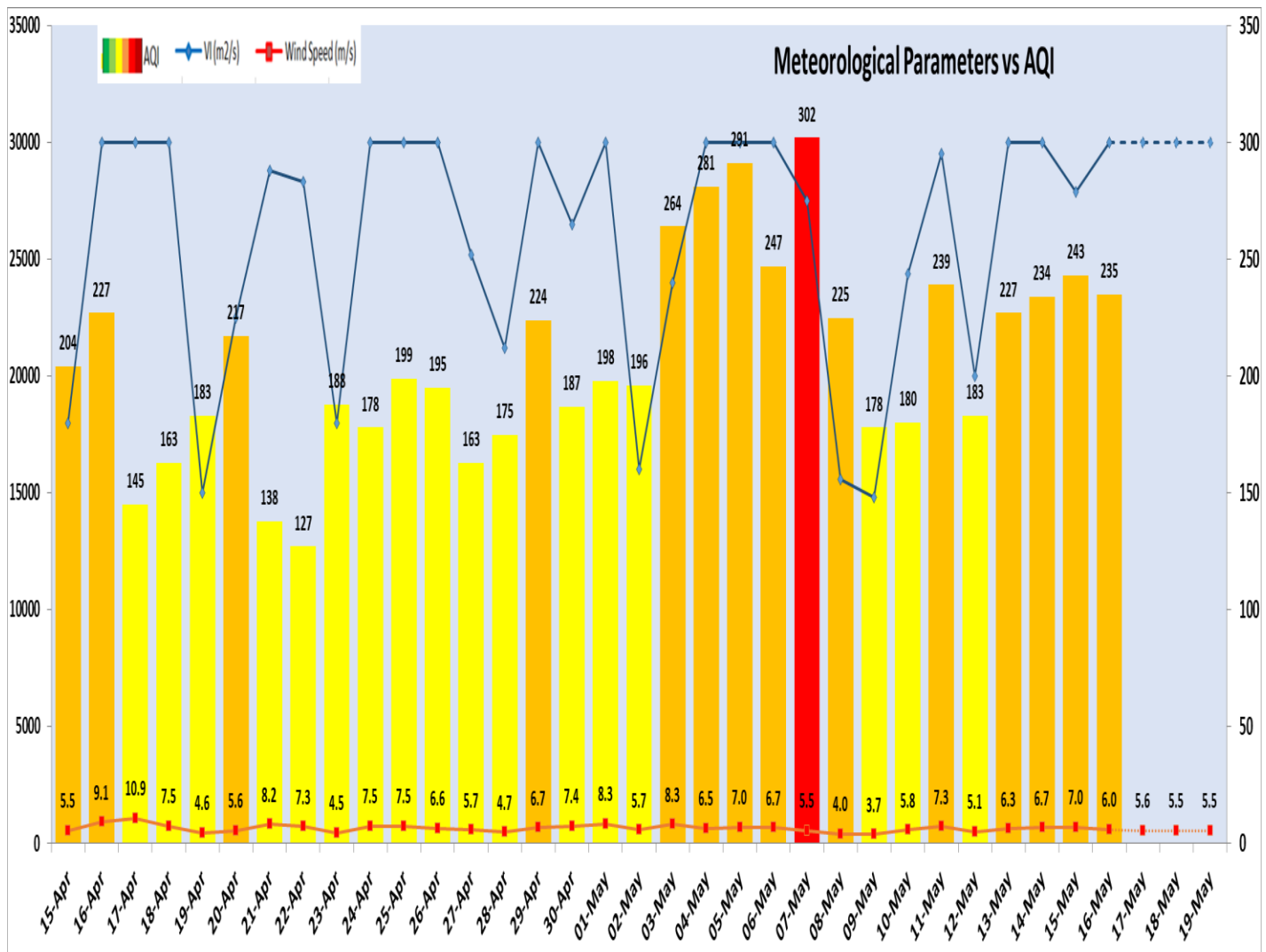
	May 17, 2024	May 18, 2024	May 19, 2024
AQI Category	Poor	Moderate	Moderate

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
May 17. 2024	06-08	18	29	NW	NW
May 18. 2024	08-20	22	39	NW	NW
May 19. 2024	08-20	21	37	NW	NW

IMD Alert for Tomorrow (17.05.2024):

The air quality is likely to be in Poor category on 17.05.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 06-08 kmph, mainly clear sky on 17.05.2024. Ventilation index is likely to be more than 30000 m²/s.



Delhi Temperature in (°C)		
Date	Minimum	Maximum
13-05-2024	27.5	39.8
14-05-2024	23.9	40.2
15-05-2024	22.9	40.6
16-05-2024	24.8	41.2

▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Anand Vihar, Delhi - DPCC	314	Very Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	307	Very Poor	PM ₁₀
	Rohini, Delhi - DPCC	299	Poor	PM ₁₀
	NSIT Dwarka, Delhi - CPCB	294	Poor	PM _{2.5}
	Narela, Delhi - DPCC	292	Poor	PM ₁₀
Faridabad	Sector 30, Faridabad - HSPCB	286	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	247	Poor	PM ₁₀
Ghaziabad	Loni, Ghaziabad - UPPCB	247	Poor	Ozone
	Indirapuram, Ghaziabad - UPPCB	223	Poor	PM ₁₀
	Sanjay Nagar, Ghaziabad - UPPCB	207	Poor	Ozone
Greater Noida	Knowledge Park - V, Greater Noida - UPPCB	339	Very Poor	PM ₁₀
Noida	Sector - 125, Noida - UPPCB	279	Poor	PM ₁₀
	Sector-1, Noida - UPPCB	269	Poor	PM ₁₀