Central Pollution Control Board
Air Quality Status for Delhi &NCR
Dated – March 29, 2024

Current Air Quality Status:

- **Air Quality Index (AQI) (Average of past 24 hours at 4 PM) in comparison with last two years**
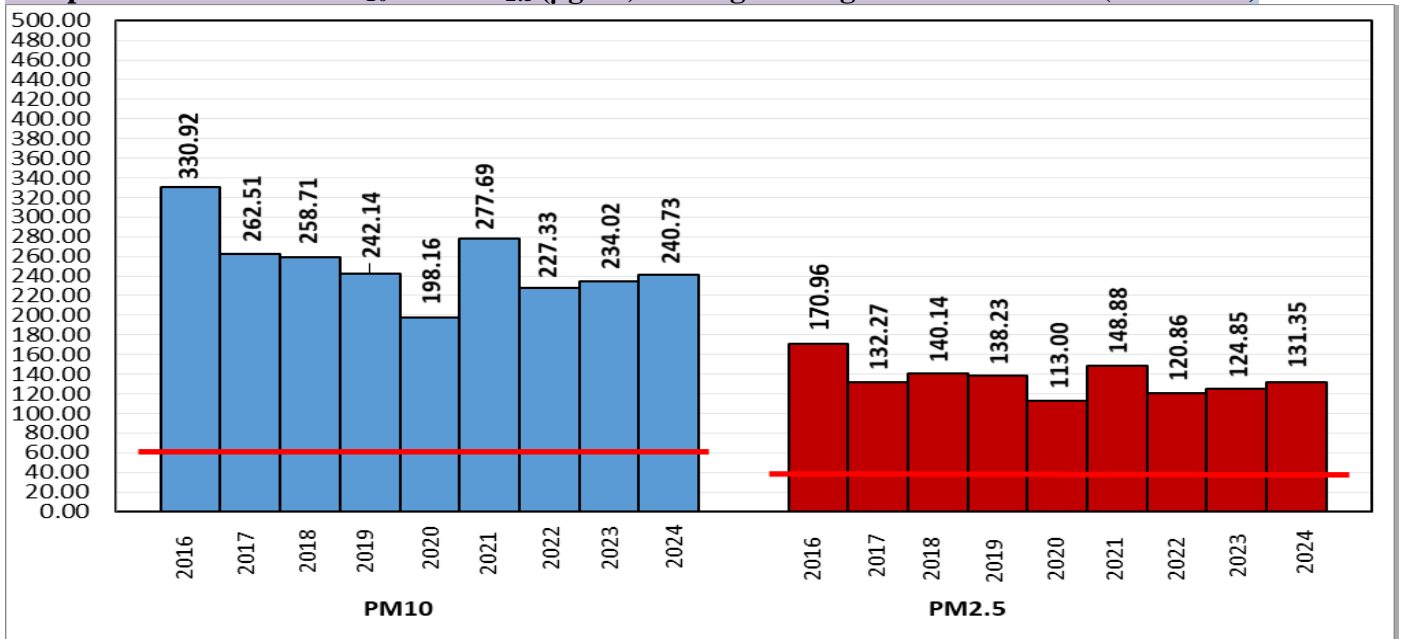
	2024			2023			2022		
	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant	Air Quality	AQI Value	Prominent Pollutant
Delhi	Moderate	176↑	O3, PM2.5	Moderate	198↑	PM2.5	Poor	274↑	PM2.5, PM10
Faridabad	Moderate	185↑	PM10, PM2.5	Moderate	161↑	PM2.5	Poor	242↓	PM2.5
Ghaziabad	Moderate	128↑	PM10	Moderate	187↑	O3	Very Poor	338↑	PM10
Greater Noida	Moderate	180↓	PM10	Poor	225↑	PM10	Poor	229↓	PM10
Gurugram	Moderate	173↑	PM10, PM2.5 CO	Moderate	189↑	PM2.5	Poor	266↑	PM2.5, PM10
Noida	Moderate	155↑	O3, PM10	Moderate	158↑	PM10, PM2.5	Poor	217↓	PM10

Data available for 38(2024), 38(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 29 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	85	88	88	88	89	88	88	88	89									
Good (0–50)		0	0	0	0	1	0	0	0	0									
Satisfactory (51–100)		0	0	0	1	9	0	3	2	0	8	15	24	31	37	13	27	33	40
Moderate (101–200)		8	15	24	30	27	13	24	31	40									
Poor (201–300)		29	49	40	29	35	37	43	32	15									
Very Poor (301–400)		42	24	21	21	15	32	17	20	31	77	73	64	57	52	75	61	55	49
Severe (>401)		6	0	3	7	2	6	1	3	3									

Comparative status of PM$_{10}$ and PM$_{2.5}$ (µg/m^3) running average – Till March 28 (2016-2024)

PM10: 330.92 (2016), 262.51 (2017), 258.71 (2018), 242.14 (2019), 198.16 (2020), 277.69 (2021), 227.33 (2022), 234.02 (2023), 240.73 (2024)

PM2.5: 170.96 (2016), 132.27 (2017), 140.14 (2018), 138.23 (2019), 113.00 (2020), 148.88 (2021), 120.86 (2022), 124.85 (2023), 131.35 (2024)

Red line shows the annual average concentration standards for PM10 and PM2.5.

- **Daily Average of Particulates in Delhi** (24 hourly average value; from 06:00am of 28.03.24 to 06:00 am of 29.03.24)

Date ↓ / parameter →	PM$_{2.5}$ (µg/m^3)	PM$_{10}$ (µg/m^3)
28- March -2024	72↑	168↑

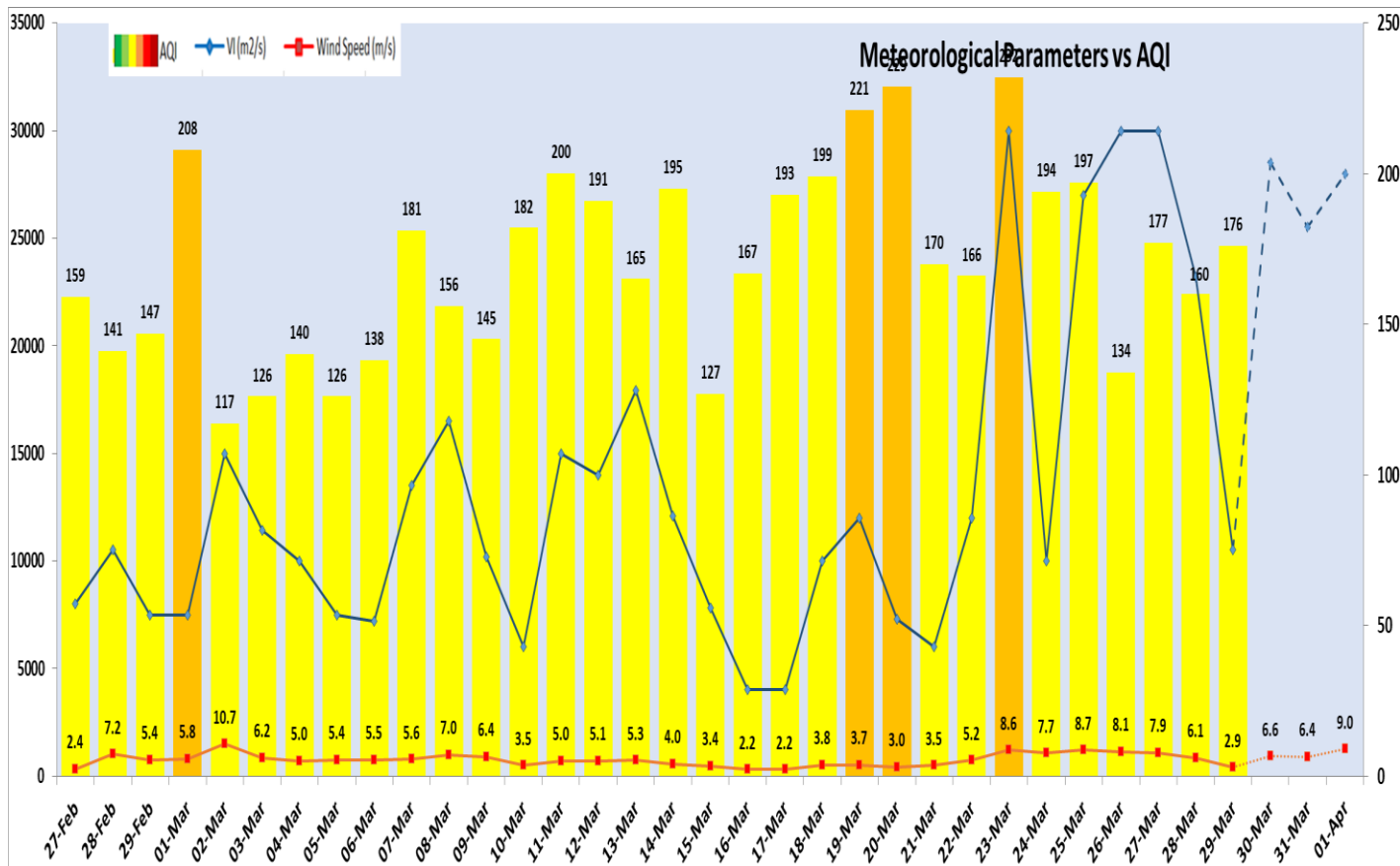| Hotspots for Today:			*Details given below*	
Delhi	Jawaharlal Nehru Stadium, Major Dhyan Chand National Stadium, Lodhi Road, Mundka, Chandni Chowk	Ghaziabad	Indirapuram, Sanjay Nagar	
Faridabad	New Industrial Town, Sector 11	Greater Noida	Knowledge Park - III	
Gurugram	Teri Gram, Sector-51	Noida	Sector-1, Sector - 125	

▪ Forecast by IITM(Delhi):

	Mar 30, 2024	Mar 31, 2024	Apr 01, 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 perwindy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD	As per windy.com at 900m
Mar 30. 2024	08-20	08	09	NW	NW
Mar 31. 2024	08-16	16	31	NW	W
Apr 01. 2024	08-20	16	27	NW	W

▪ IMD Alert for Tomorrow (30.03.2024):

The air quality is likely to be in Moderate category from 30.03.2024 to 01.04.2024. The predominant surface wind is likely to be coming from Northwest directions in Delhi with wind speed 08-20 kmph, partly cloudy sky and very light rain/thundershowers at a few places on 30.03.2024. Ventilation index is likely to be 28500 m^2/s.

Delhi Temperature in (°C)

Date	Minimum	Maximum
26-03-2024	17.7	33.2
27-03-2024	19.4	34.6
28-03-2024	21.2	37.0
29-03-2024	20.5	37.0

▪ Hotspots for Today

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jawaharlal Nehru Stadium, Delhi - DPCC	269	Poor	Ozone
	Major Dhyan Chand National Stadium, Delhi - DPCC	265	Poor	Ozone
	Lodhi Road, Delhi - IITM	260	Poor	$PM_{2.5}$
	Mundka, Delhi - DPCC	216	Poor	$PM_{2.5}$
	Chandni Chowk, Delhi - IITM	208	Poor	$PM_{2.5}$
Faridabad	New Industrial Town, Faridabad - HSPCB	264	Poor	$PM_{2.5}$
	Sector 11, Faridabad - HSPCB	195	Moderate	$PM_{2.5}$
Gurugram	Teri Gram, Gurugram - HSPCB	215	Poor	PM_{10}
	Sector-51, Gurugram - HSPCB	196	Moderate	$PM_{2.5}$
Ghaziabad	Indirapuram, Ghaziabad - UPPCB	141	Moderate	PM_{10}
	Sanjay Nagar, Ghaziabad - UPPCB	130	Moderate	PM_{10}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	192	Moderate	PM_{10}
Noida	Sector-1, Noida - UPPCB	187	Moderate	Ozone
	Sector - 125, Noida - UPPCB	168	Moderate	Ozone