



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 15, 2021



Current Air Quality Status:

Air Quality Index (AQI) (Average of past 24 hours)

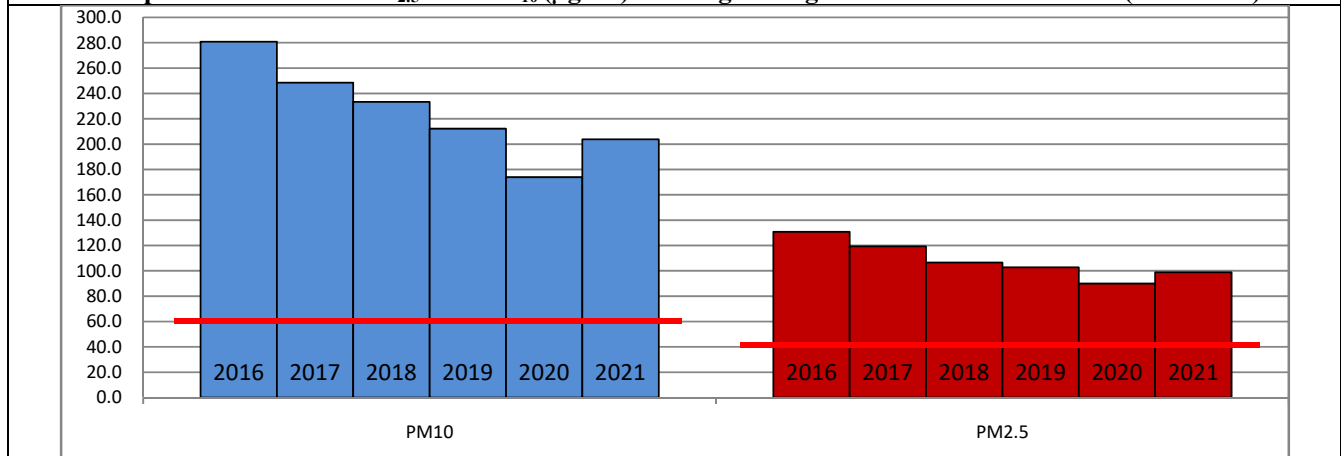
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	363↓	PM _{2.5}
Faridabad	Very Poor	334↓	PM _{2.5}
Ghaziabad	Poor	290↓	PM _{2.5}
Greater Noida	Poor	300↑	PM _{2.5}
Gurugram	Very Poor	341↑	PM _{2.5}
Noida	Very Poor	309↓	PM ₁₀ , PM _{2.5}

*Data available for 36 stations in Delhi today. # ↑ ↓ arrows indicate increase/decrease as compared to value on the previous day

Comparative status of AQI - Delhi from 01 January to 15 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	338	349	349	350	351	350						
Good (0-50)		0	2	0	2	5	1						
Satisfactory (51-100)		25	45	53	59	95	72	108	151	159	180	227	197
Moderate (101-200)		83	104	106	119	127	124						
Poor (201-300)		119	111	113	103	69	76						
Very Poor (301-400)		89	79	63	48	43	59	230	198	190	170	124	153
Severe (>401)		22	8	14	19	12	18						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till December 14 (2016-2021)



* The PM values are 24 hourly averages (6 am to 6 am)

Hotspots for Today:

**Details given overleaf*

Delhi	Mundka, Vivek Vihar, Jahangirpuri, Nehru Nagar, Anand Vihar	Gurugram	Vikas Sadan, Sector-51
Faridabad	Sector-16A, New Industrial Area	Greater Noida	Knowledge Park - III
Ghaziabad	Loni, Sanjay Nagar	Noida	Sector – 1, Sector –62

Forecast by IITM:

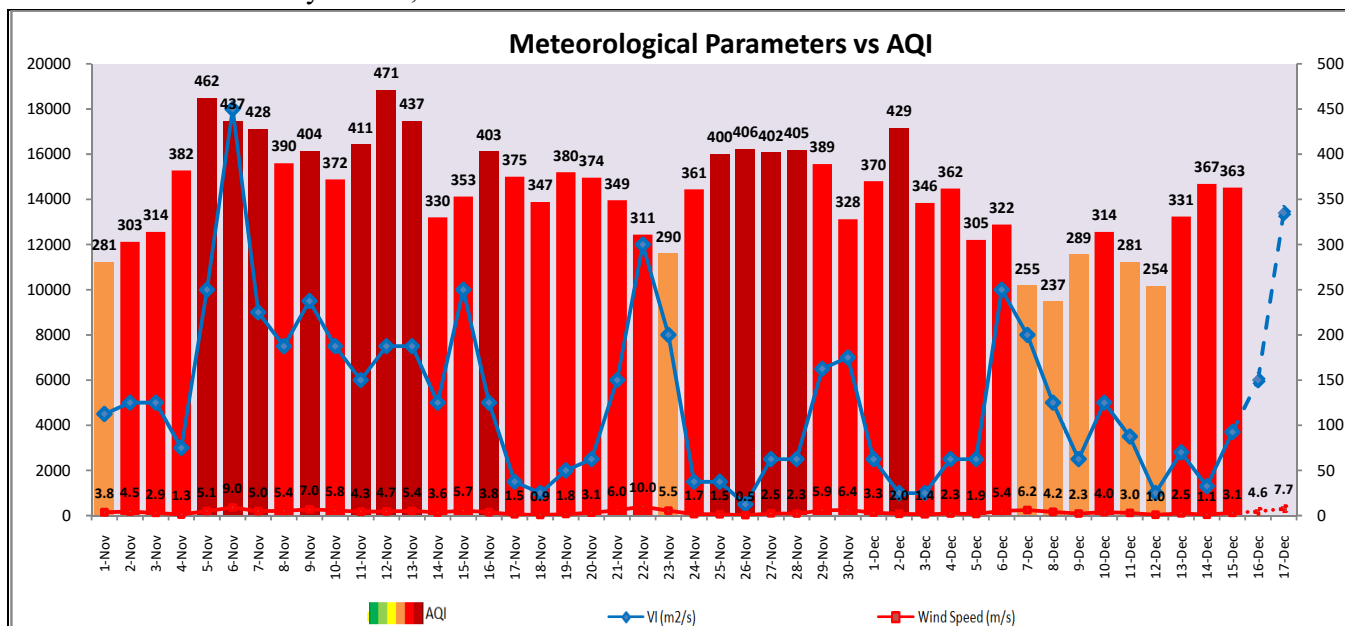
Parameters	December 16, 2021		December 17, 2021– December 18, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	256	Poor	199	Moderate
PM _{2.5}	151	Very Poor	118	Poor

▪ **Wind Forecast for Delhi:**

Dates	Wind speed (at surface) in km/h		Wind speed (at 900 m) in km/h	Wind Direction	
	As per IMD (at 17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at 17:30hrs.)	As per windy.com at 900m
December 16, 2021	08	08	09	NW	E
December 17, 2021	08	11	32	WNW	NW
December 18, 2021	08	15	46	WNW	NW

▪ **IMD Alert for Tomorrow (16.12.2021):**

The air quality is likely to improve further and remain in lower end of very Poor to Poor category tomorrow. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed 05-12 kmph, partly cloudy sky, shallow fog in the morning and very light rain/drizzle towards evening/night. Ventilation index is likely to be 6,000m²/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Mundka, Delhi - DPCC	419	Severe	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	416	Severe	PM _{2.5}
	Jahangirpuri, Delhi - DPCC	410	Severe	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	410	Severe	PM _{2.5}
	Anand Vihar, Delhi - DPCC	398	Very Poor	PM _{2.5}
Faridabad	Sector- 16A, Faridabad - HSPCB	378	Very Poor	PM _{2.5}
	New Industrial Town, Faridabad - HSPCB	351	Very Poor	PM _{2.5}
Gurugram	Vikas Sadan, Gurugram - HSPCB	365	Very Poor	PM _{2.5}
	Sector-51, Gurugram - HSPCB	359	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	313	Very Poor	PM _{2.5}
	Sanjay Nagar, Ghaziabad - UPPCB	303	Very Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	313	Very Poor	PM _{2.5}
Noida	Sector-1, Noida - UPPCB	327	Very Poor	PM _{2.5}
	Sector - 62, Noida - IMD	320	Very Poor	PM _{2.5}