



Central Pollution Control Board

Air Quality Status for Delhi & NCR

Dated – December 18, 2021



Current Air Quality Status:

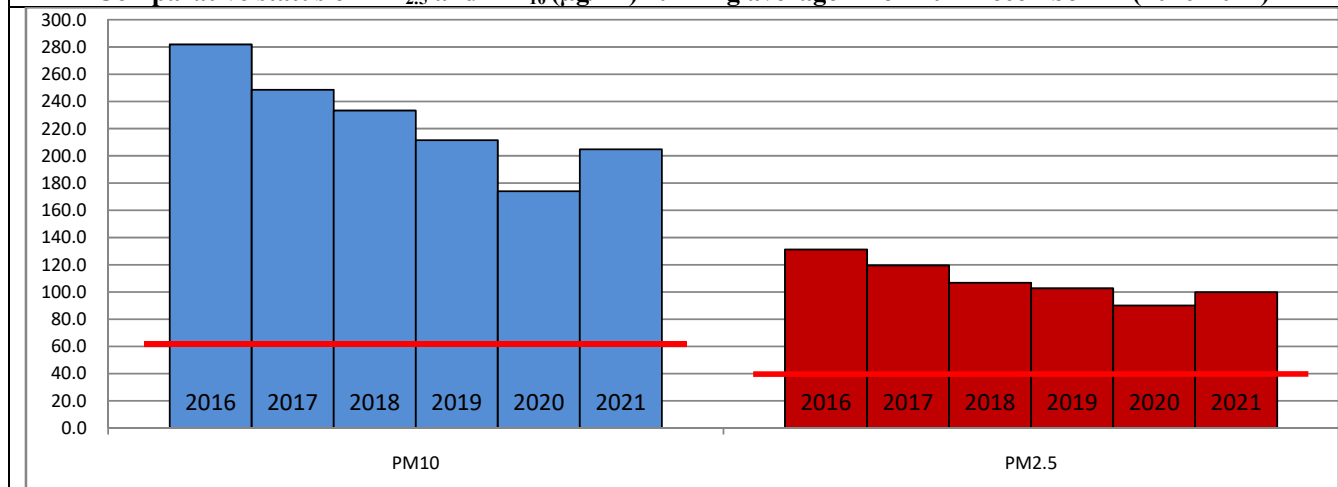
Air Quality Index (AQI) (Average of past 24 hours)			
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	291 ↓	PM _{2.5}
Faridabad	Poor	275 ↑	PM _{2.5}
Ghaziabad	Poor	276 ↑	PM _{2.5}
Greater Noida	Poor	240 ↑	PM _{2.5}
Gurugram	Very Poor	287 ↓	PM _{2.5}
Noida	Poor	256 ↑	PM _{2.5}

*Data available for 24 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 18 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	341	352	352	353	354	353						
Good (0-50)		0	2	0	2	5	1						
Satisfactory (51-100)		25	45	53	59	95	72	108	152	159	182	227	197
Moderate (101-200)		83	105	106	121	127	124						
Poor (201-300)		119	113	114	104	72	77						
Very Poor (301-400)		92	79	65	48	43	61	233	200	193	171	127	156
Severe (>401)		22	8	14	19	12	18						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till December 17 (2016-2021)



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

Hotspots for Today:

*Details given overleaf

Delhi	ITO, NSIT Dwarka, Nehru Nagar, Vivek Vihar, DTU	Gurugram	Vikas Sadan, Sector- 51
Faridabad	Sector-16A, Sector - 11	Greater Noida	Knowledge Park - III
Ghaziabad	Loni, Indirapuram	Noida	Sector - 1, Sector -62

Forecast by IITM:

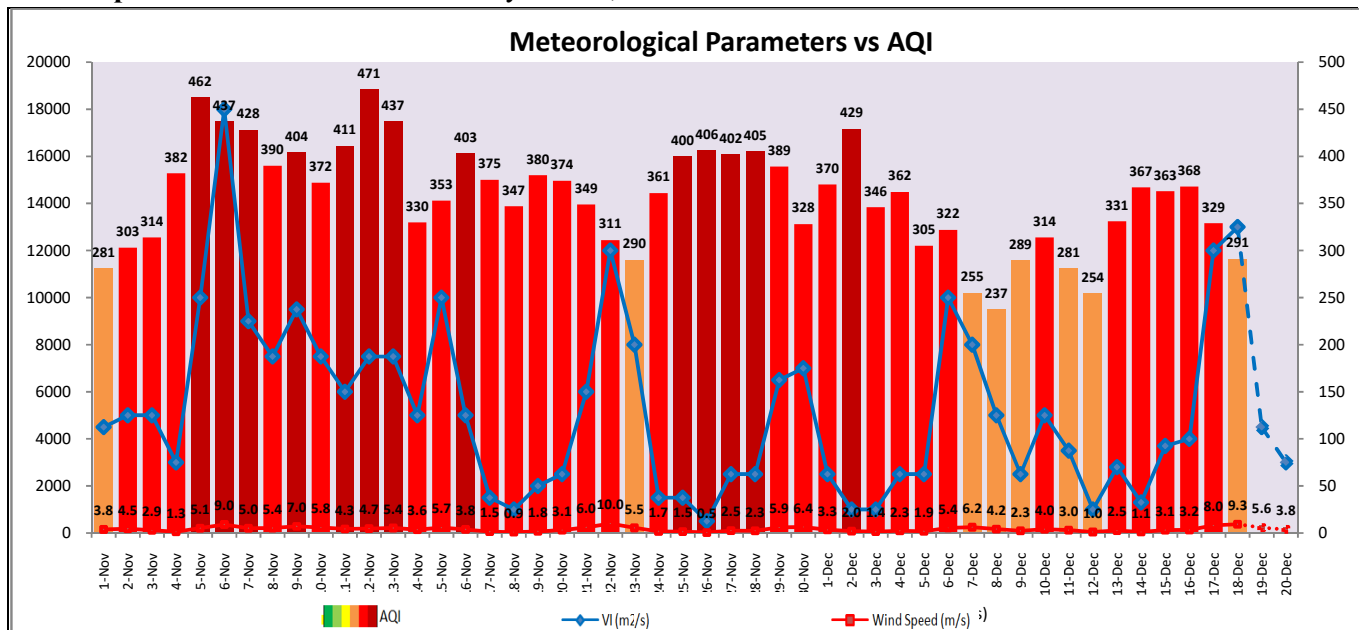
Parameters	December 19, 2021		December 20, 2021– December 21, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	174	Moderate	184	Moderate
PM _{2.5}	105	Poor	111	Poor

▪ **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 (at17:30 hrs.)	As per windy.com (at 16:00 hrs.)	As per windy.com (at 16:00hrs)	As per IMD (at17:30hrs.)	As per windy.com at 900m
December 19, 2021	08	11	30	W	NW
December 20, 2021	15	10	22	WNW	NW
December 21, 2021	05	10	15	WNW	NW

▪ **IMD Alert for Tomorrow (19.12.2021):**

The air quality is likely to remain in Poor category tomorrow and on 20.12.2021. The predominant surface wind is likely to be coming from WestNorthwest direction of Delhi with wind speed 08-15 kmph, mainly clear sky, shallow fog in the morning and **cold day conditions at a few places with cold wave conditions at isolated places**. Ventilation index is likely to be 4,500 m²/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	ITO, Delhi - CPCB	334	Very Poor	PM _{2.5}
	NSIT Dwarka, Delhi - CPCB	331	Very Poor	PM _{2.5}
	Nehru Nagar, Delhi - DPCC	329	Very Poor	PM _{2.5}
	Vivek Vihar, Delhi - DPCC	308	Very Poor	PM _{2.5}
	DTU, Delhi - CPCB	307	Very Poor	PM _{2.5}
Faridabad	Sector 11, Faridabad - HSPCB	309	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	294	Poor	PM _{2.5}
Gurugram	Sector-51, Gurugram - HSPCB	303	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	301	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	313	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	274	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	254	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	267	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	265	Poor	PM _{2.5}