



Central Pollution Control Board

Air Quality Status for Delhi &NCR

Dated – December 17, 2021



Current Air Quality Status:

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

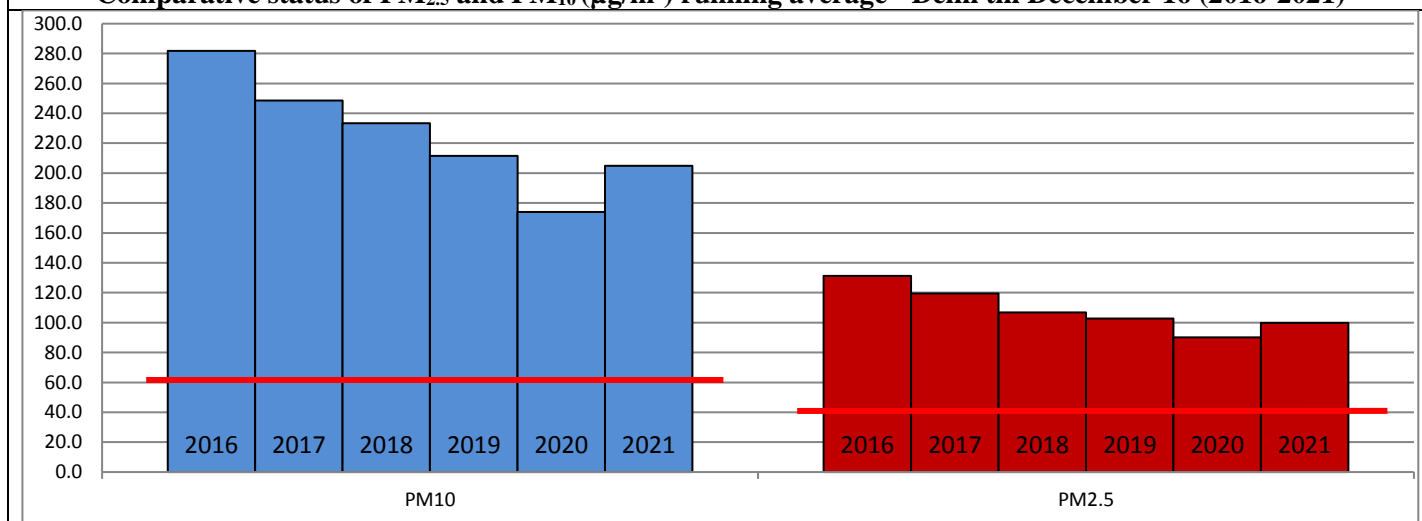
	Air Quality	AQI Value	Prominent Pollutant
Delhi	Very Poor	329↓	PM ₁₀ , PM _{2.5}
Faridabad	Poor	268↓	PM _{2.5}
Ghaziabad	Poor	272↓	PM _{2.5}
Greater Noida	Poor	222↓	PM _{2.5}
Gurugram	Very Poor	316↓	PM _{2.5}
Noida	Poor	255↓	PM _{2.5}

*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 17 December 2016-2021

Category	Year	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
	No. of days	340	351	351	352	353	352						
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	112	114	103	71	76						
Very Poor (301–400)		91	79	64	48	43	61	232	199	192	170	126	155
Severe (>401)		22	8	14	19	12	18						

Comparative status of PM_{2.5} and PM₁₀ (µg/m³) running average - Delhi till December 16 (2016-2021)



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

Hotspots for Today:

**Details given overleaf*

Delhi	Jahangirpuri, Mundka, Rohini, Shadipur, Dwarka-Sector 8	Gurugram	Vikas Sadan, NISE Gwal Pahari
Faridabad	Sector-16A, Sector - 30	Greater Noida	Knowledge Park - III
Ghaziabad	Loni, Indirapuram	Noida	Sector – 1, Sector – 62

Forecast by IITM:

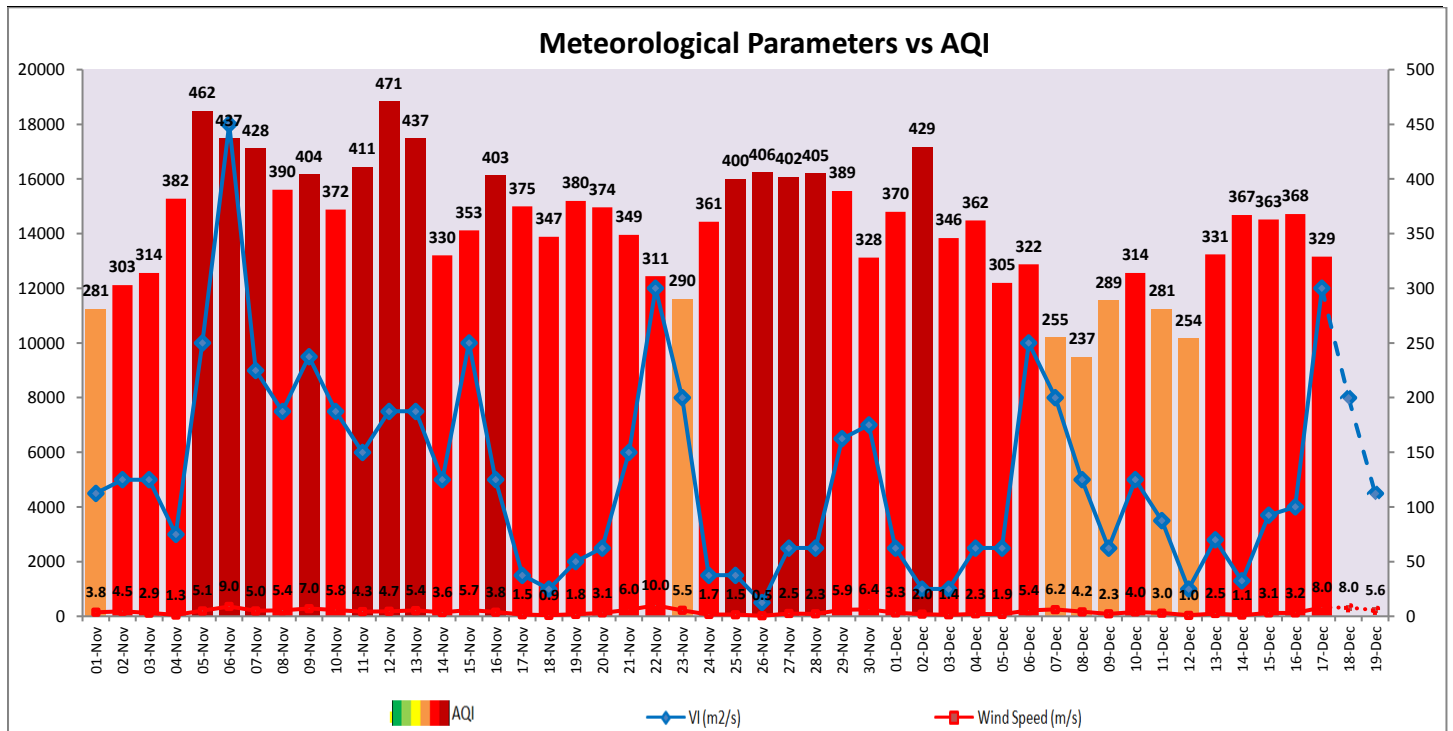
Parameters	December 18, 2021		December 19, 2021– December 20, 2021	
	Concentration	AQI Category	Concentration	AQI Category
PM ₁₀	243	Moderate	189	Moderate
PM _{2.5}	145	Very Poor	112	Poor

▪ **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 18, 2021	08	14	46	NW	NW
December 19, 2021	05	9	31	W	NW
December 20, 2021	05	9	26	NW	NW

▪ **IMD Alert for Tomorrow (18.12.2021):**

The air quality is likely to remain in Poor category tomorrow and on 19.12.2021. The predominant surface wind is likely to be coming from Northwest direction of Delhi with wind speed 08-15 kmph, mainly clear sky and mist/shallow fog in the morning. Ventilation index is likely to be 8,000 m²/s.



▪ **Hotspots for Today**

City	Station Name	AQI value	Air Quality	Prominent Pollutant
Delhi	Jahangirpuri, Delhi - DPCC	388	Very Poor	PM _{2.5}
	Mundka, Delhi - DPCC	379	Very Poor	PM _{2.5}
	Rohini, Delhi - DPCC	358	Very Poor	PM _{2.5}
	Shadipur, Delhi - CPCB	356	Very Poor	PM ₁₀
	Dwarka-Sector 8, Delhi - DPCC	356	Very Poor	PM _{2.5}
Faridabad	Sector 30, Faridabad - HSPCB	308	Very Poor	PM _{2.5}
	Sector- 16A, Faridabad - HSPCB	323	Very Poor	PM _{2.5}
Gurugram	NISE Gwal Pahari, Gurugram - IMD	337	Very Poor	PM _{2.5}
	Vikas Sadan, Gurugram - HSPCB	333	Very Poor	PM _{2.5}
Ghaziabad	Loni, Ghaziabad - UPPCB	326	Very Poor	PM _{2.5}
	Indirapuram, Ghaziabad - UPPCB	295	Poor	PM _{2.5}
Greater Noida	Knowledge Park - III, Greater Noida - UPPCB	260	Poor	PM _{2.5}
Noida	Sector - 62, Noida - IMD	297	Poor	PM _{2.5}
	Sector-1, Noida - UPPCB	272	Poor	PM _{2.5}