

Vigyan Samachar: MoES News 20/10/2020

Air Quality Forecast for Delhi, Pune, Mumbai and Ahmadabad

New Delhi, 20 October 2020 (Vigyan Samachar): Indian Institute of Tropical Meteorology (IITM), Ministry of Earth Sciences (MoES), Government of India has issued an early air quality forecast for Delhi NCR Air quality is likely to remain in upper end of poor category today and likely to lower end of very poor later during the day mainly due to low surface wind. Air quality to remain in poor to lower end of very poor category in Delhi NCR during next two days, said IITM.



Stubble burning in neighbouring regions of NCT

The SAFAR synergized accumulated stubble burning fire counts around Haryana, Punjab, and neighbouring regions standing at ≈ 1017 for yesterday. Since transport-level wind direction is favorable for intrusion, stubble contribution in PM_{2.5} estimated is around 16% for today. The %ge contribution shown is relative to the total

concentration of PM 2.5 modeled for the day. Hence, on a less polluted day, %ge share may appear higher as compared to a highly polluted day.

As per AQ-EWS models air quality of Pune is in the good category. Mumbai and Ahmedabad AQI are in the satisfactory category. Pune AQI is likely to stay in the good category for the next three days. Mumbai AQI is forecasted to stay in the satisfactory category for next two days. Ahmedabad AQI is likely to marginally deteriorate and in the satisfactory to moderate category for the next two days.

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