

Hans India

Toxic NO<sub>2</sub> clouds hover over Hyderabad & Secunderabad - Telangana has a Red Spot  
By Suhasini Reddy | THE HANS INDIA | Oct 30,2018 , 09:05 AM IST

[https://www.thehansindia.com/posts/index/Telangana/2018-10-30/Toxic-NO<sub>2</sub>-clouds-hover-over-Hyderabad--Secunderabad---Telangana-has-a-Red-Spot/434096](https://www.thehansindia.com/posts/index/Telangana/2018-10-30/Toxic-NO2-clouds-hover-over-Hyderabad--Secunderabad---Telangana-has-a-Red-Spot/434096)

Delhi, Odisha, UP and Madhya Pradesh regions have been surveyed among the top 50 global hotspots for NO<sub>2</sub> emissions, environmental watchdog Green peace said on Monday after analysing new satellite data.

NO<sub>2</sub> is a dangerous pollutant, with a Nasty smell. On breathing it increased likelihood of respiratory problems and inflames the lining of lungs. The satellite data was gathered from European space Agency's Sentinel 5p satellite recorded between June and August 2018.

Coal and vehicular emissions were identified as the two principle sources of NO<sub>2</sub>. Green space said toxic clouds hover parts of Secunderabad and Hyderabad, Vijayawada,

Vishakapatnam, Ramagundam in the two Telangana states. While the toxic clouds over the twin cities is due to the vehicular emission, xishakapatnam and Vijayawada is due to the thermal plants and vehicular pollution whereas in Ramagundam it is due to thermal plant alone.

Ramagundam in TELANGANA HAS A RED SPOT because of the highest level of NO<sub>2</sub> emissions measured in Dobson units. Because of the presence of the Thermal plants there.

The high presence of toxic clouds in Vishakapatnam and Atchytyapuram is due to presence of Vishakapatnam Thermal plant.Simhadri power plant and Vishakapatnam steel power plant, while in Vijayawada it is due to Dr Narla Thermal power plant.

Ramagundam has very high NO<sub>2</sub> clouds because of the thermal plants at Ramagundam, Paloncha and Kothagudem NO<sub>2</sub> pollution is caused due to vehicular pollution in Hyderabad. The concentration of Nitrogen dioxide depends on wind direction too.