

## AMBIENT AIR QUALITY DURING BHOGI FESTIVAL, 2021

Puducherry Pollution Control Committee has carried out Ambient Air Quality Monitoring at two locations in Puducherry and one location in Karaikal on Bhogi day 2021 to assess the air quality.

### Concentration of pollutants monitored on Bhogi 2020 & Bhogi 2021.

Location	Bhogi day -2020			Bhogi day -2021		
	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>
Anna Nagar	131	2.1	13.5	103	2.0	8.0
Mettupalayam	125	2.0	16.8	109	2.0	20.9
Kovilpathu	85	2.2	10.1	38	2.0	4.6

(Concentration expressed in  $\mu\text{g}/\text{m}^3$ )

PM<sub>10</sub> – Particulate Matter (Size less than 10  $\mu\text{m}$ )

SO<sub>2</sub> – Sulphur Dioxide, NO<sub>2</sub> – Nitrogen Dioxide

The result reveals that

- The concentration of PM<sub>10</sub> in Puducherry and Karaikal is decreased compared to last year. There is no significant variation observed in the concentration of Sulphur dioxide and Nitrogen dioxide.
- The increase in concentration of particulate matter on Bhogi day may be due to sporadic activity of burning of unwanted waste material/debris for a short period of time.

### Bhogi day 2020 Vs Bhogi Day 2021

