

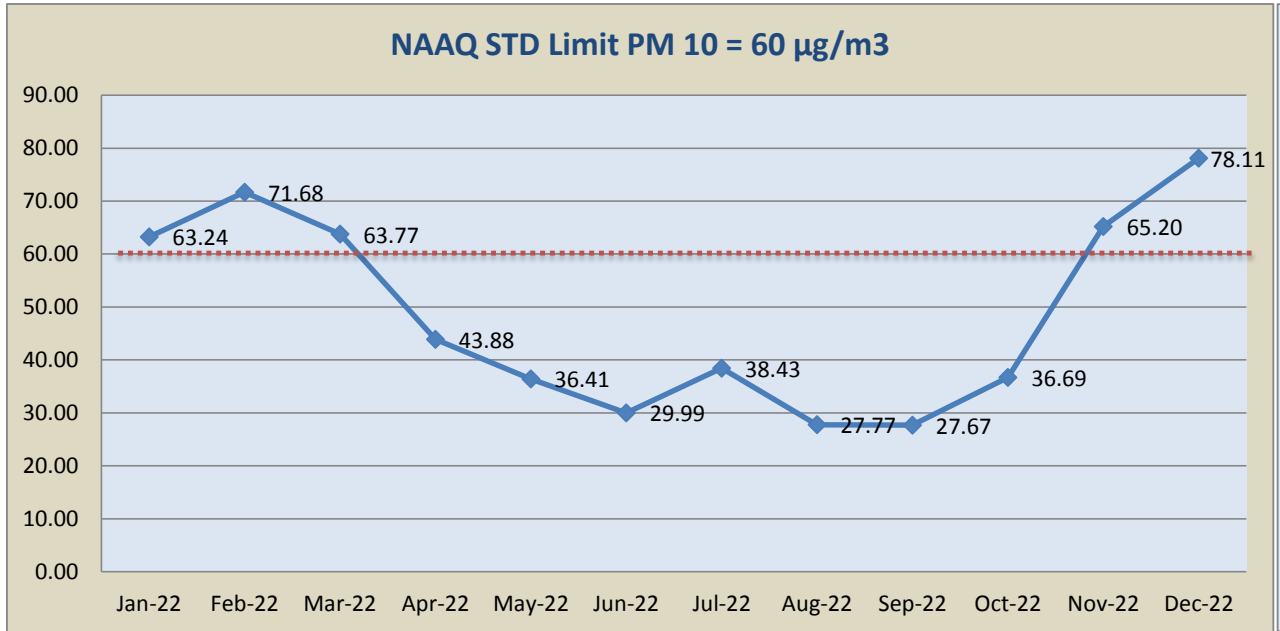


## Tamil Nadu Pollution Control Board, CAAQMS

PM10 ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
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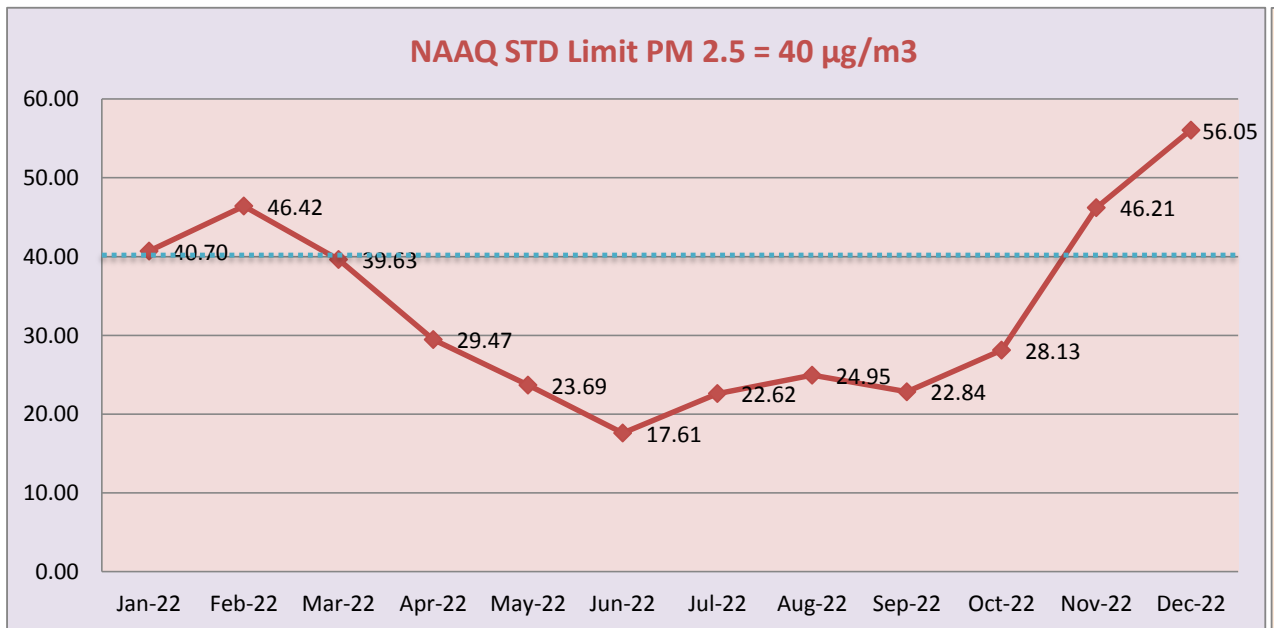


## Tamil Nadu Pollution Control Board, CAAQMS

PM2.5 ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

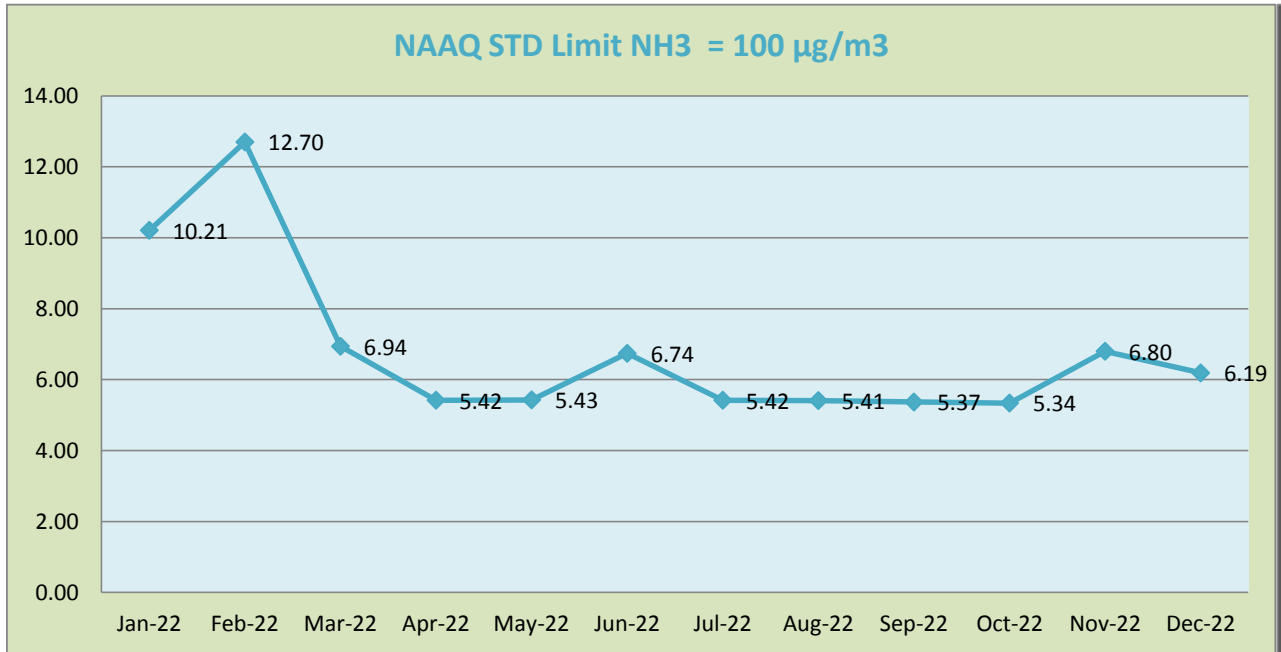


## Tamil Nadu Pollution Control Board, CAAQMS

NH<sub>3</sub> (µg/m<sup>3</sup>) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



ThermoFisher  
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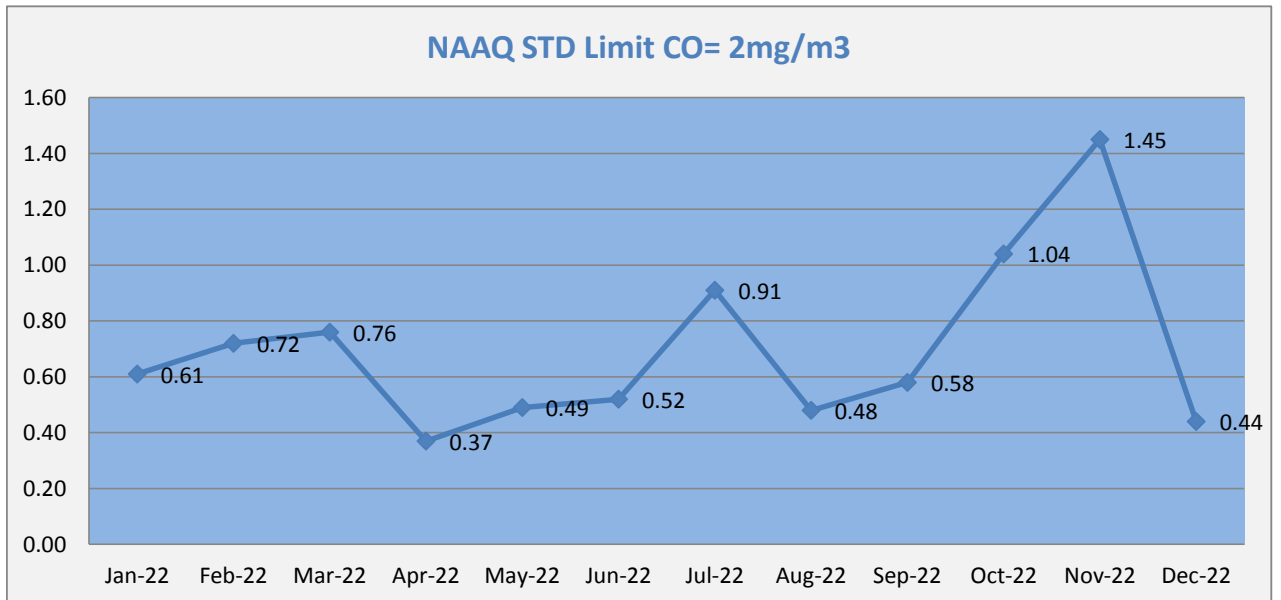


## Tamil Nadu Pollution Control Board, CAAQMS

CO (µg/m<sup>3</sup>) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



ThermoFisher  
SCIENTIFIC  
The world leader in serving science

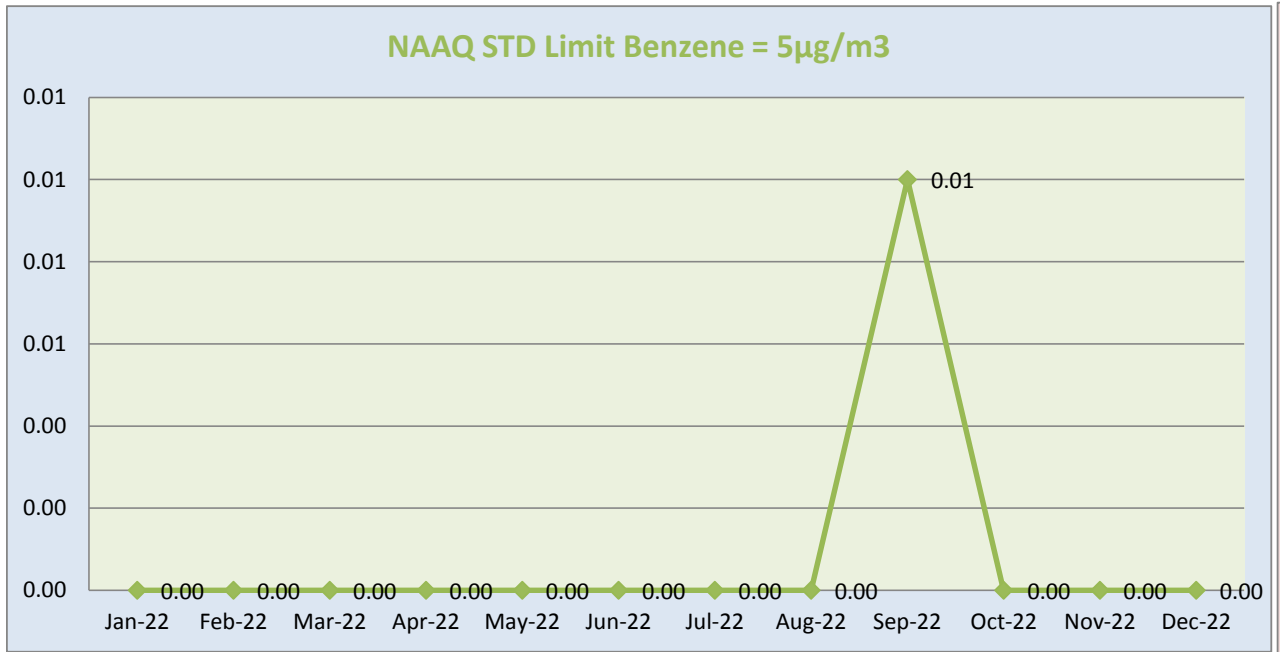


## Tamil Nadu Pollution Control Board, CAAQMS

Benzene ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
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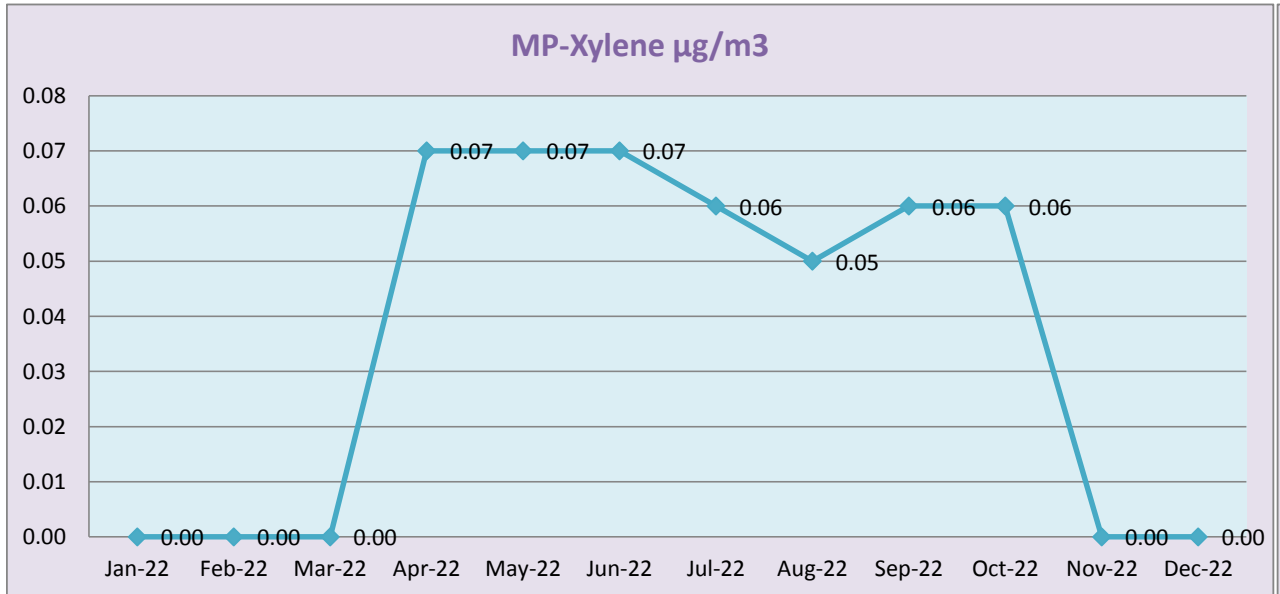


## Tamil Nadu Pollution Control Board, CAAQMS

MP-Xylene ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

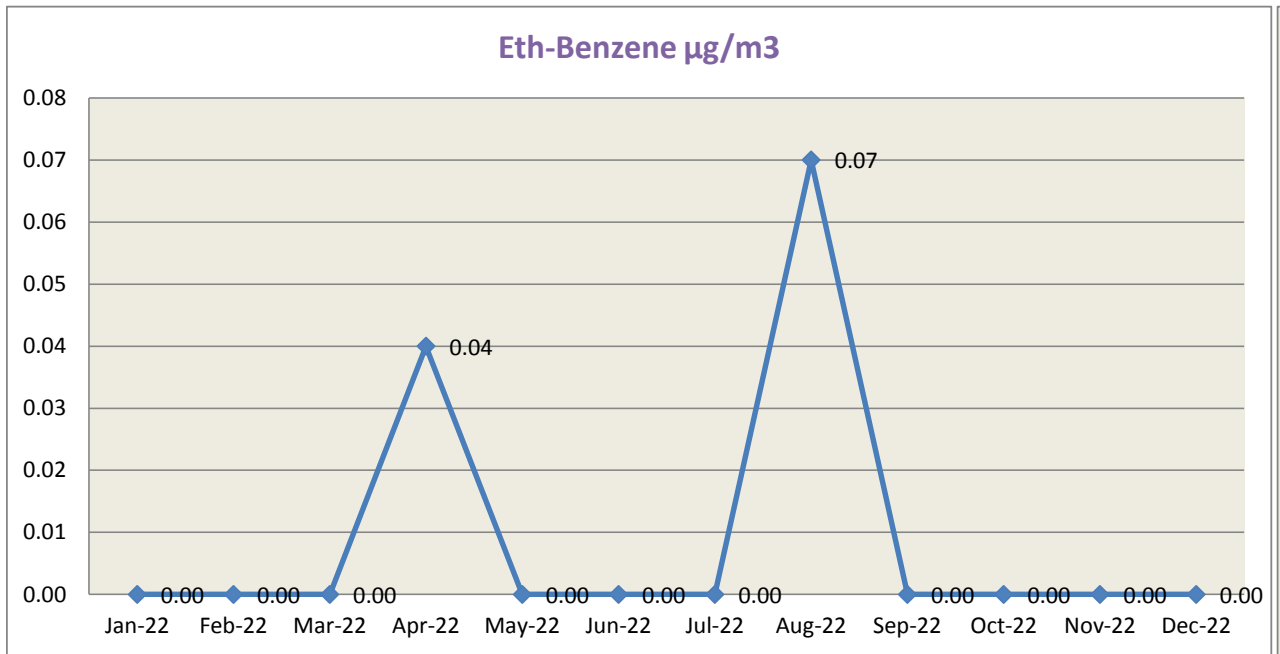


## Tamil Nadu Pollution Control Board, CAAQMS

Eth-Benzene ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

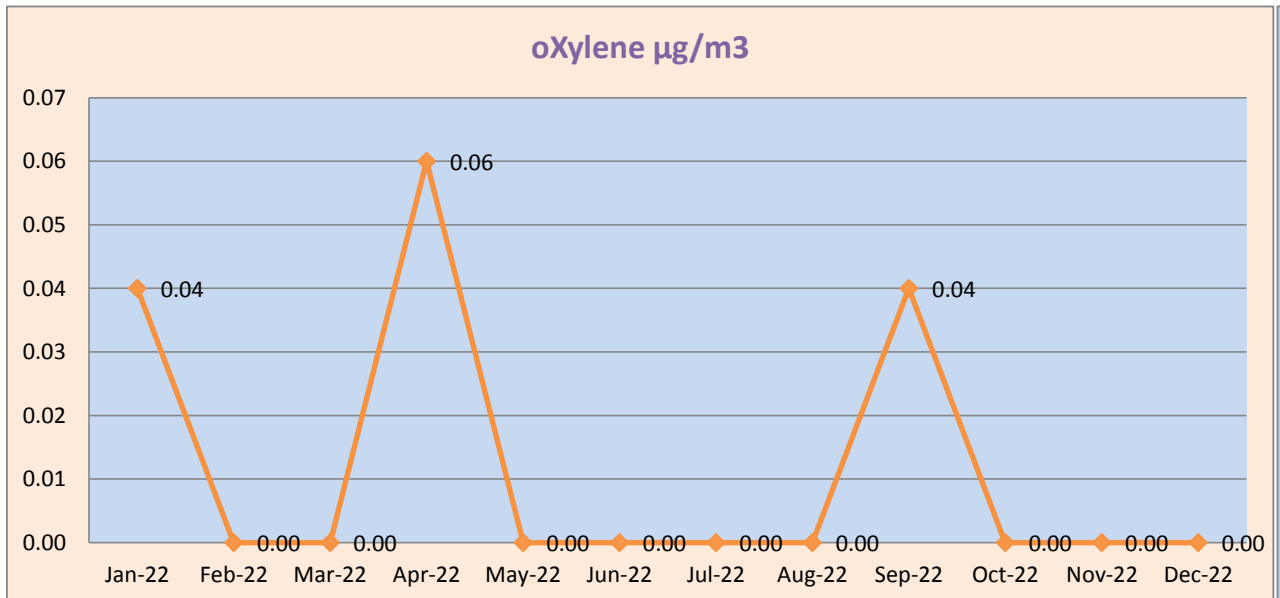


## Tamil Nadu Pollution Control Board, CAAQMS

oXylene ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
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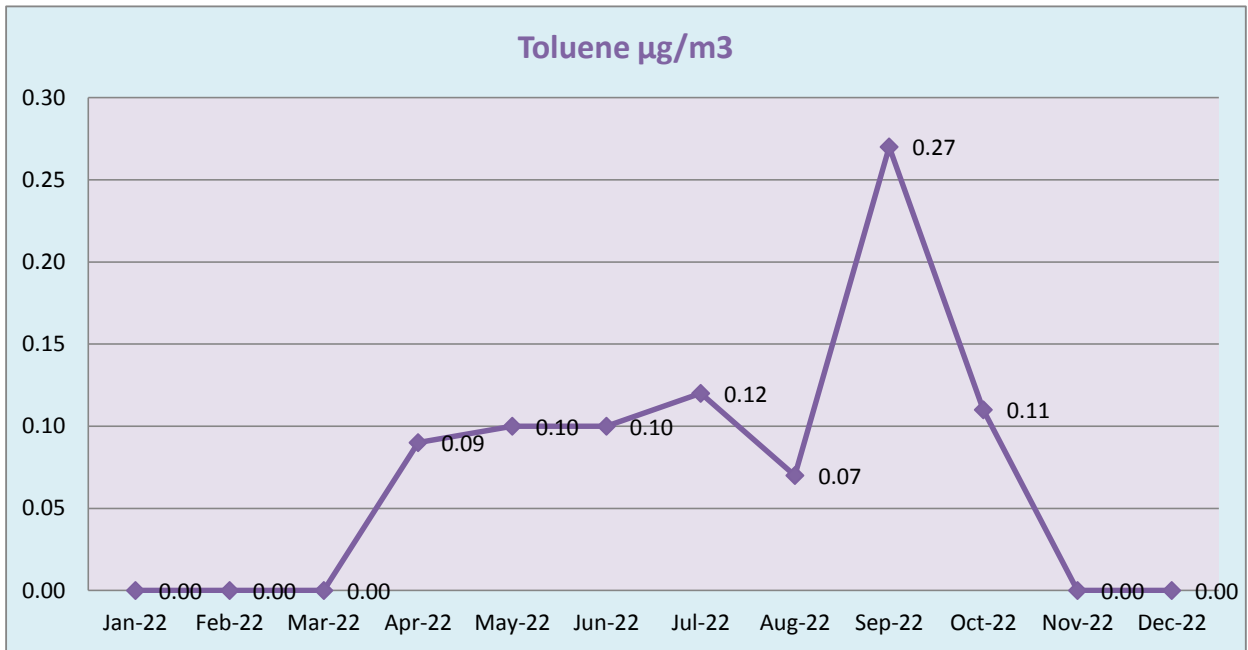


## Tamil Nadu Pollution Control Board, CAAQMS

Toluene ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

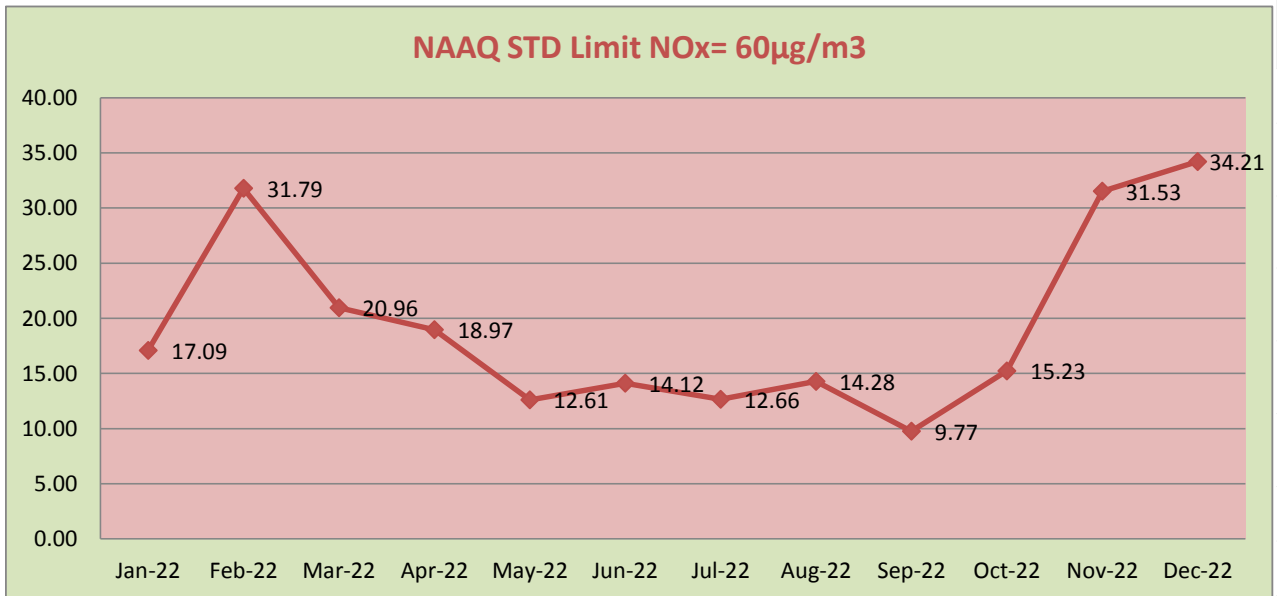


## Tamil Nadu Pollution Control Board, CAAQMS

NO<sub>x</sub> ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
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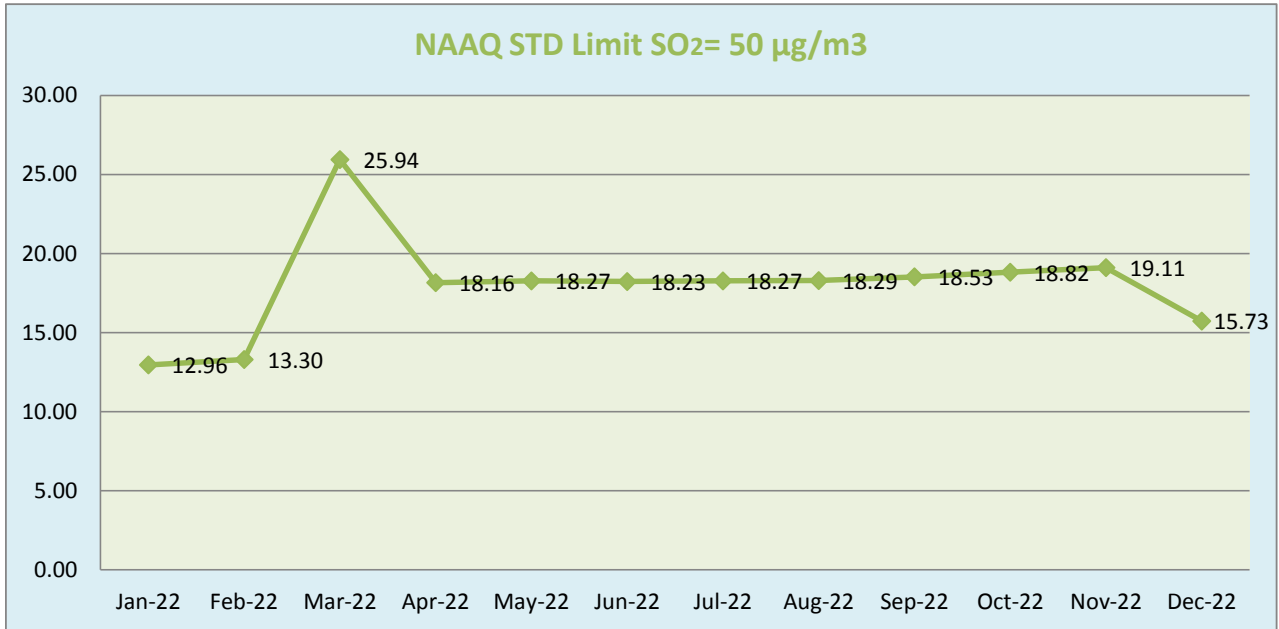


## Tamil Nadu Pollution Control Board, CAAQMS

SO<sub>2</sub> (µg/m<sup>3</sup>) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

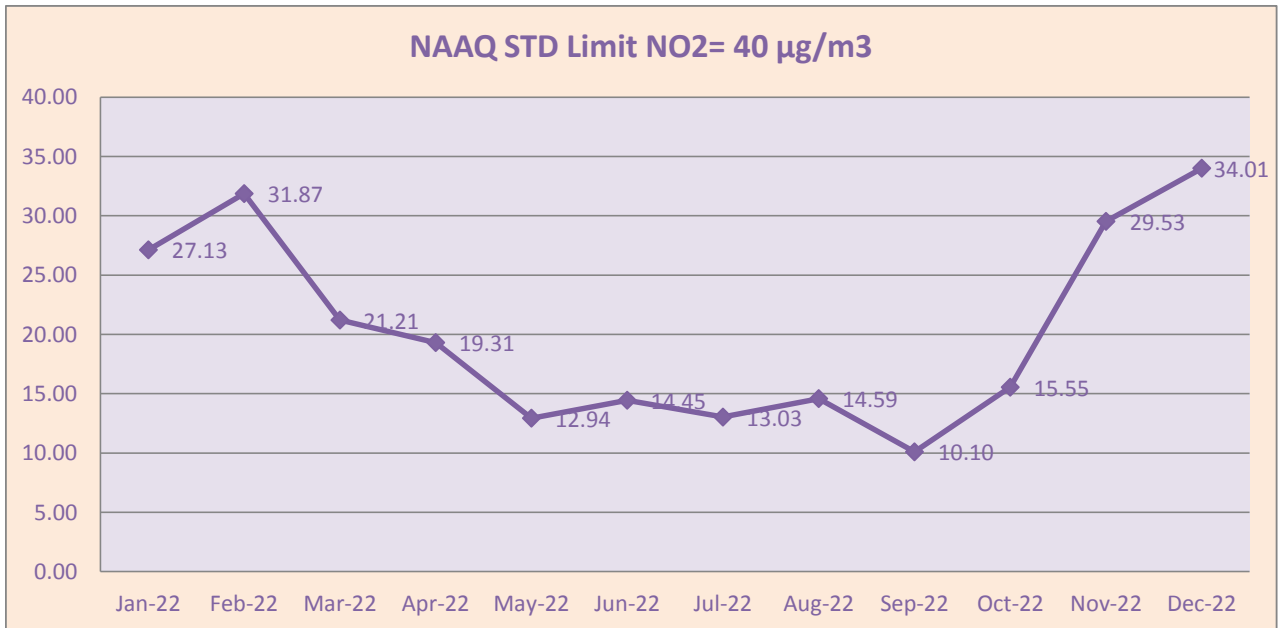


## Tamil Nadu Pollution Control Board, CAAQMS

NO<sub>2</sub> (µg/m<sup>3</sup>) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

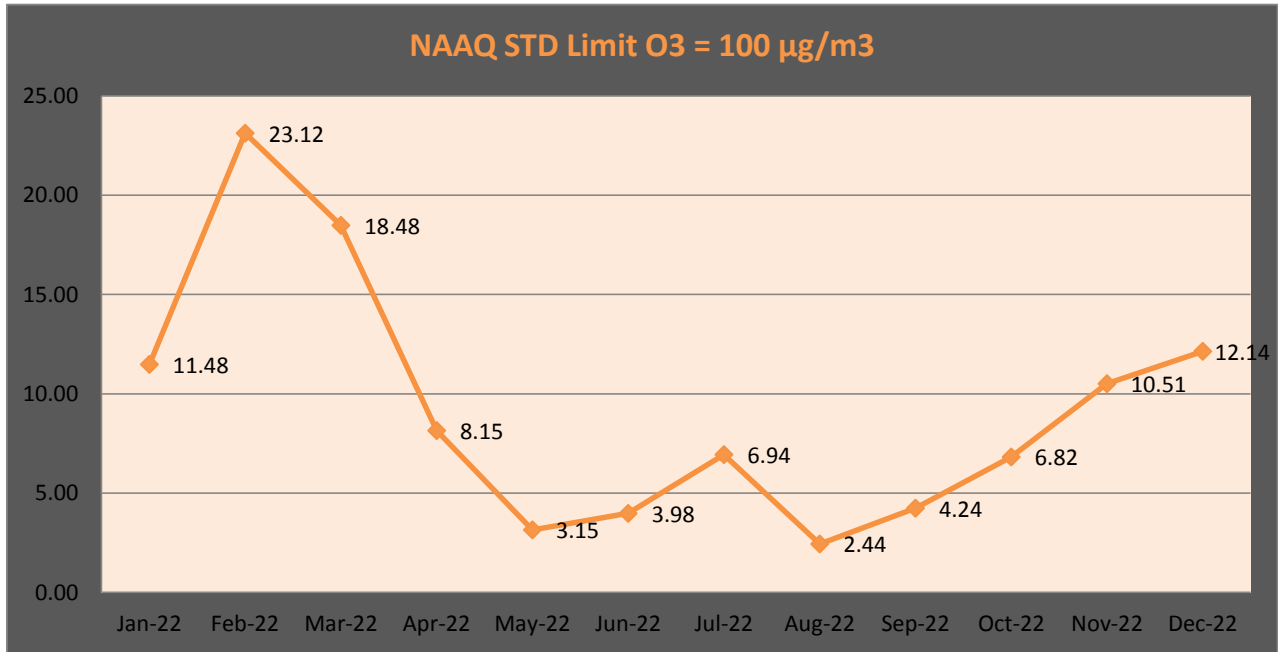


## Tamil Nadu Pollution Control Board, CAAQMS

O<sub>3</sub> ( $\mu\text{g}/\text{m}^3$ ) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

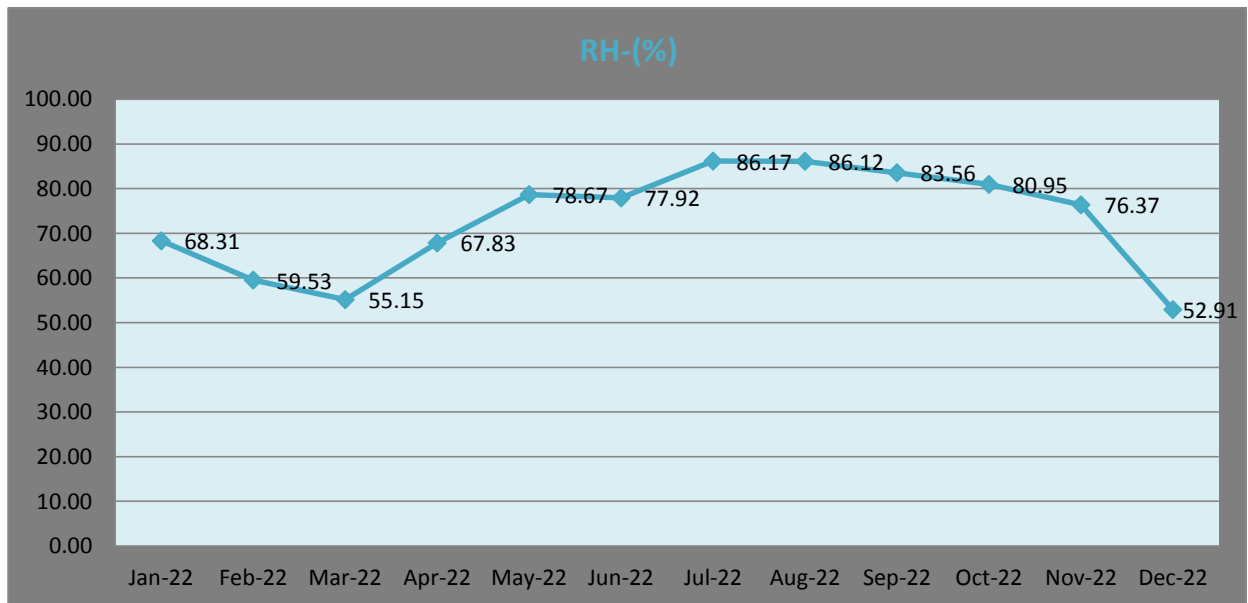


## Tamil Nadu Pollution Control Board, CAAQMS

RH-(%) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

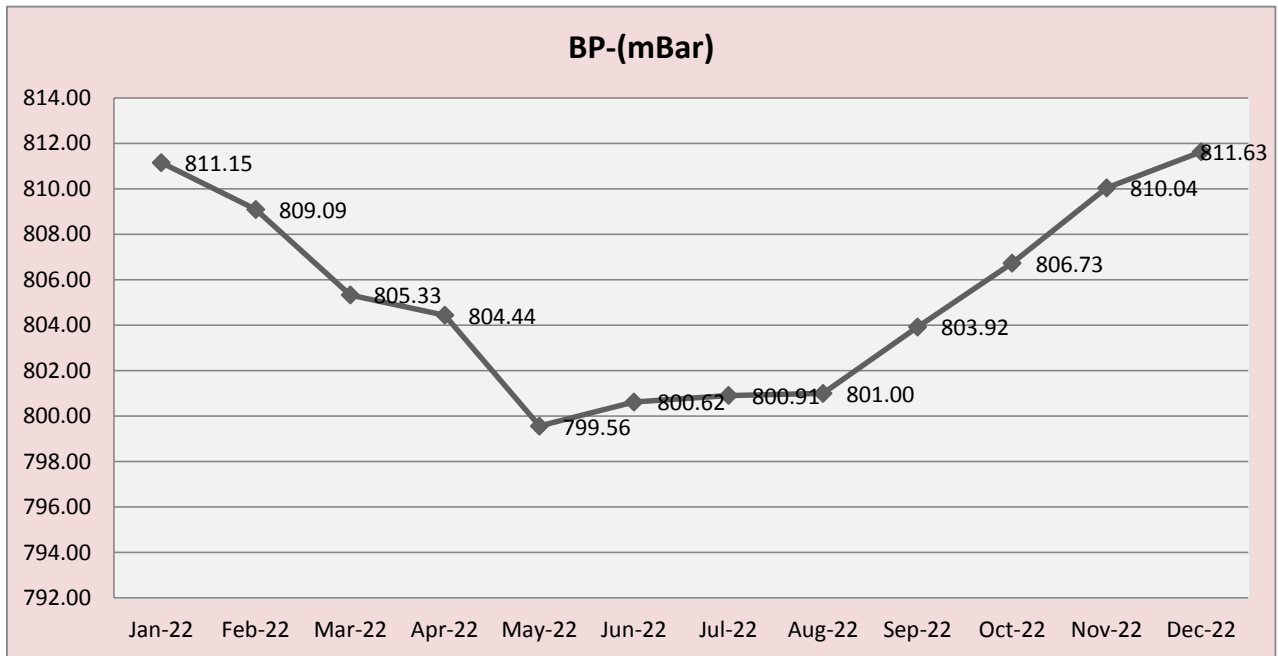


## Tamil Nadu Pollution Control Board, CAAQMS

BP-(mBar) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



ThermoFisher  
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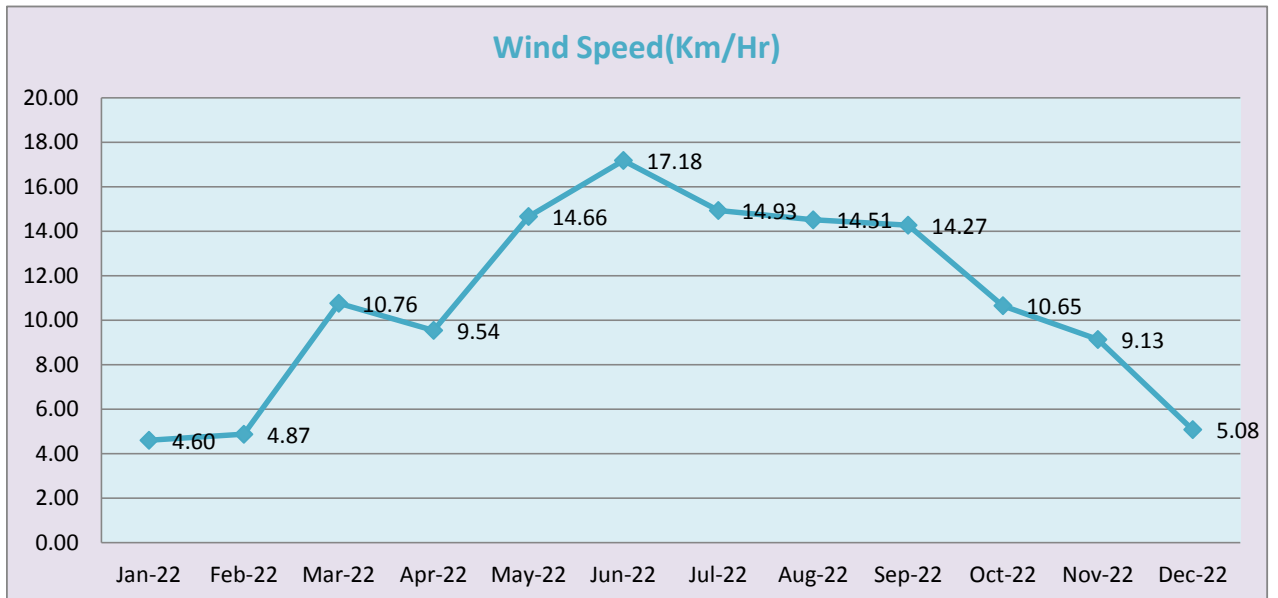


## Tamil Nadu Pollution Control Board, CAAQMS

Wind Speed(Km/Hr) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



ThermoFisher  
SCIENTIFIC  
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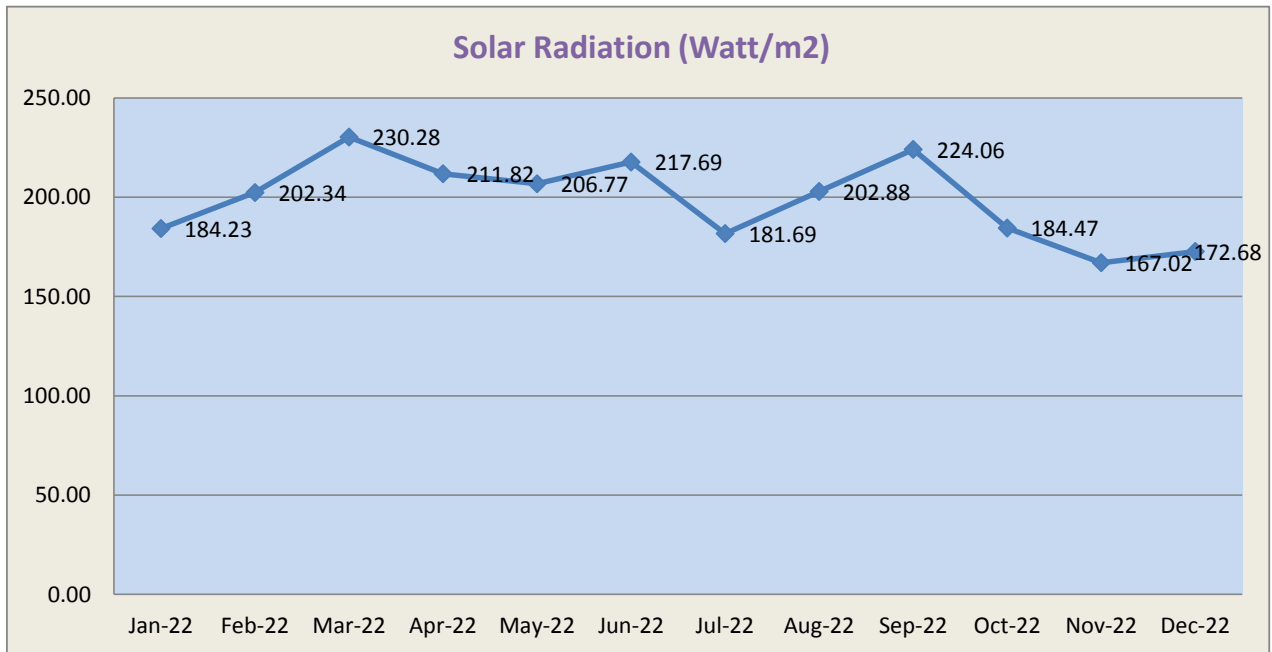


## Tamil Nadu Pollution Control Board, CAAQMS

SR (Watt/m<sup>2</sup>) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

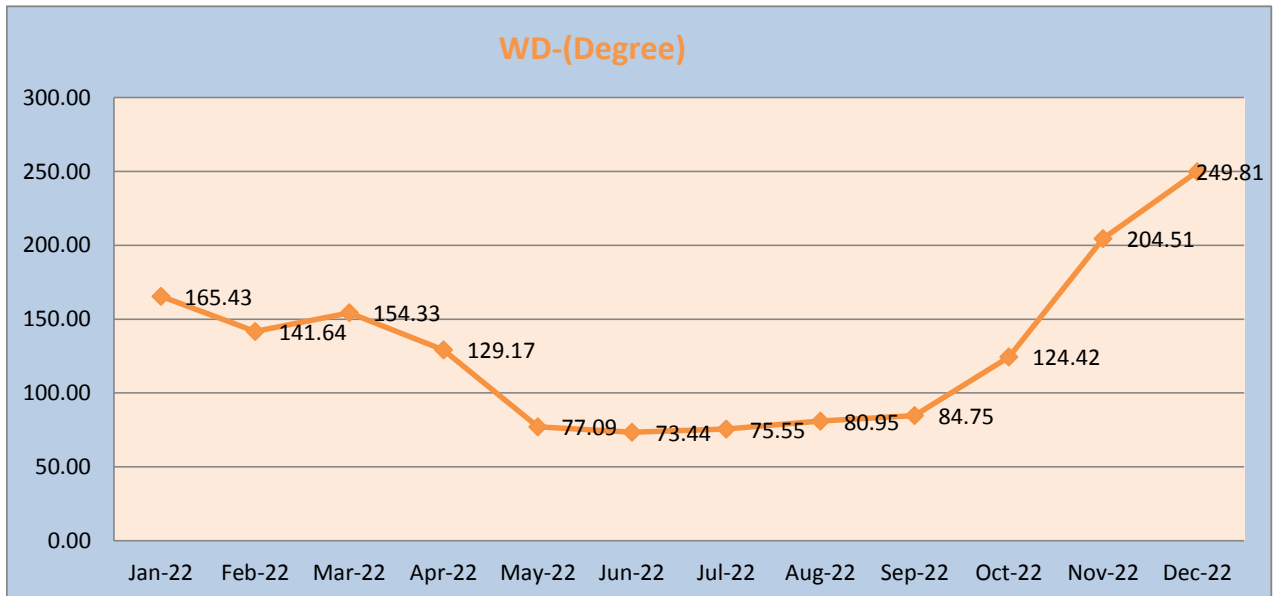


## Tamil Nadu Pollution Control Board, CAAQMS

Wind Direction-(Degree) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

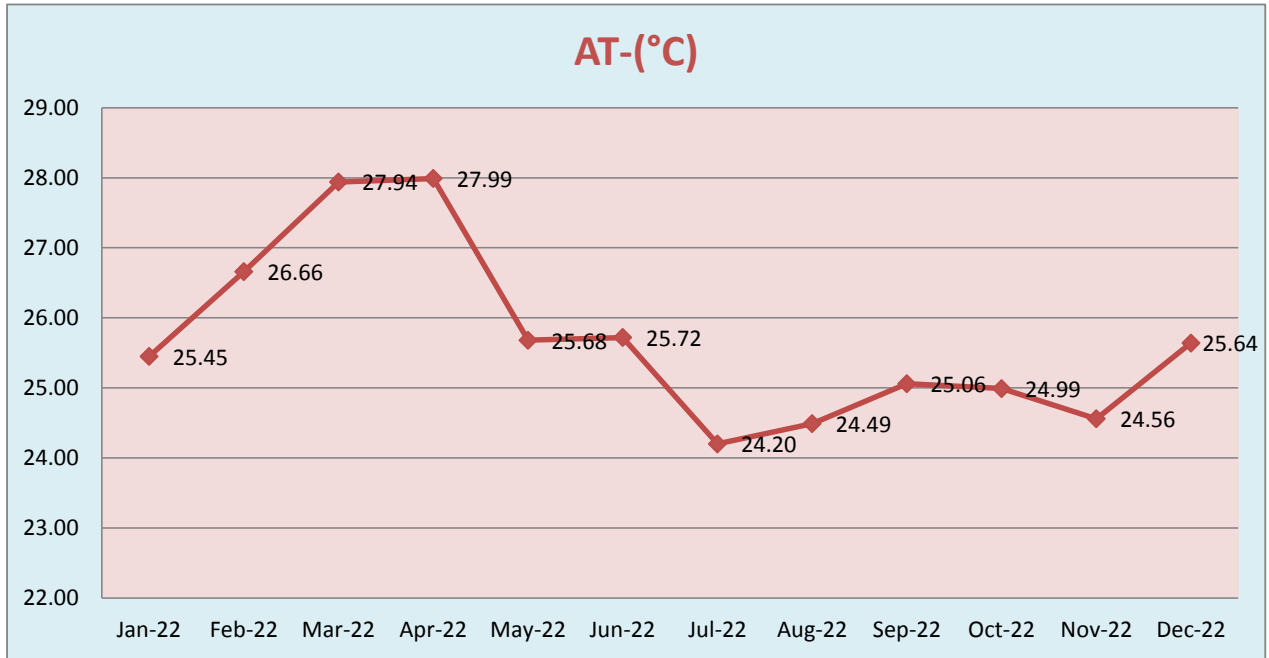


# Tamil Nadu Pollution Control Board, CAAQMS

AT-(°C) Trend Graphs

Location: Coimbatore

Jan'2022 to Dec'2022



## REFERENCE

<https://www.transportpolicy.net/standard/india-air-quality-standards/>

above link reference of india air quality standards(NAAQS)

National Ambient Air Quality Standards, as of 2009				
Pollutant	Time Weighted Average	Concentration in Ambient Air		Methods of Measurement
		Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Government)	
SO <sub>2</sub> , µg/m <sup>3</sup>	Annual*	50	20	<ul style="list-style-type: none"> <li>Improved West and Gaeke</li> <li>Ultraviolet fluorescence</li> </ul>
	24 hours**	80	80	
NO <sub>2</sub> , µg/m <sup>3</sup>	Annual*	40	30	<ul style="list-style-type: none"> <li>Modified Jacob &amp; Hochheiser (Na-Arsenite)</li> <li>Chemiluminescence</li> </ul>
	24 hours**	80	80	
PM <sub>10</sub> , µg/m <sup>3</sup>	Annual*	60	60	<ul style="list-style-type: none"> <li>Gravimetric</li> <li>TOEM</li> <li>Beta attenuation</li> </ul>
	24 hours**	100	100	
PM <sub>2.5</sub> , µg/m <sup>3</sup>	Annual*	40	40	<ul style="list-style-type: none"> <li>Gravimetric</li> <li>TOEM</li> <li>Beta attenuation</li> </ul>
	24 hours**	60	60	
O <sub>3</sub> , µg/m <sup>3</sup>	8 hours**	100	100	<ul style="list-style-type: none"> <li>UV photometric</li> <li>Chemiluminescence</li> <li>Chemical Method</li> </ul>
	1 hour**	180	180	
Lead (Pb), µg/m <sup>3</sup>	Annual*	0.50	0.50	<ul style="list-style-type: none"> <li>AAS/ICP method after sampling on EMP 2000 or equivalent filter paper</li> <li>ED-XRF using Teflon filter</li> </ul>
	24 hours**	1	1	
CO, mg/m <sup>3</sup>	8 hours**	2	2	<ul style="list-style-type: none"> <li>Non Dispersive Infra Red (NDIR) spectroscopy</li> </ul>
	1 hour**	4	4	
Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>	Annual*	100	100	<ul style="list-style-type: none"> <li>Chemiluminescence</li> <li>Indophenol blue method</li> </ul>
	24 hours**	400	400	
Benzene	Annual*	5	5	<ul style="list-style-type: none"> <li>Gas chromatography based on continuous analyzer</li> <li>Adsorption and Desorption followed by GC analysis</li> </ul>