

AIR QUALITY ANALYSIS IN TAMIL NADU



**A**ir quality

**A**ir quality index is an indicator developed by government agencies to communicate to the public how polluted the air currently is or how polluted it is forecast to become.

**A**s air pollution levels rise,so does the **AQI,**along with the

Associated public health risk,Wikipedia

**W**hat causes air pollution?

**H**uman activities like running vehicle using petrol, population growth,deforestation,nuclear,use of acid and chemicals,and natural activites

Like volcanic eruptions,radiation,particles and dust are the causes of air pollution.

**W**hich city has the highest air pollution in tamil nadu?

It is the most air polluted district in tamil nadu

(**\*)**94th place - Trichy

(**\***)121th place - Thoothukudi

(**\*)**166th  place - Madurai

(**\*)**179th place - chennai

(**\*)**238th  place - Salem

Due to which the air pollution is high in this district

**W**ith the increased industrial and commercial activites in the vicinity of major cities,the quality of the ambient air is being affected by emissions from the industries and from the ever increasing vehicular population.

**A**s per the provision of air(prevention and control of pollution)act,1981,the entire state of tamil nadu has been declared as an air pollution control area.

**A**mbient air quality monitoring stations

**->Trichy**

|  |  |  |
| --- | --- | --- |
| S.NO | STATION LOCATION | LAND USE ZONE/AREA |
| 1 | Thennur | Residential zone |
| 2 | Main guard gate | Itraffic intersection |
| 3 | Bishop heber college | Sensitive zone |
| 4 | Golden rock | Residential zone |
| 5 | Central bis stand | Traffic intersection |

**->Thoothukudi**

|  |  |  |
| --- | --- | --- |
| S.NO | STATION LOCATION | LAND USE ZONE/AREA |
| 1 | Raja agencies | Industrial zone |
| 2 | Sipcot | Industrial zone |
| 3 | A.V.M. building | Residential zone |

**->Mudurai**

|  |  |  |
| --- | --- | --- |
| S.NO | STATION LOCATION | LAND USE ZONE/AREA |
| 1 | Hotel tamil nadu | Residential zone |
| 2 | Pichai pillai charade | Industrial zone |
| 3 | Birla guest house | Commercial zone |

**->Chennai**

|  |  |  |
| --- | --- | --- |
| S.NO | STATION LOCATION | LAND USE ZONE/AREA |
| 1 | Anna nagar | Residential area |
| 2 | Adyar | Residential area |
| 3 | Manali | Industrial area |

**->salem**

|  |  |  |
| --- | --- | --- |
| **S.NO** | **STATION LOCATION** | **LAND USE ZONE/AREA** |
| 1 | Sowdeswari college | Commercial zone |

**H**ow to prevent air pollution

**A**ir pollution can be avoided by doing construction work in factories,maintaining machines without beakdowns,controlling leakages in pipes etc.

**A**ir pollution can be controlled by growing beneficial trees around the plant