GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**
**UNSTARRED QUESTION NO. 830**
TO BE ANSWERED ON 09.02.2023

**Air quality in Andhra Pradesh**

830. SHRI KANAKAMEDALA RAVINDRA KUMAR:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

(a) the details of air quality of all the districts in the State of Andhra Pradesh;
(b) the details of the steps taken by Government to regularly monitor the air quality in all the districts of the State;
(c) whether Government is of the view that air quality in all the districts of the State are under normal category and no serious threat has been imposed on the inhabitants in those districts; and
(d) if so, the details thereof?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

(a) to (d)
The details of ambient air quality of 15 districts / 16 cities & towns out of 26 districts in the State of Andhra Pradesh is give as Annexure-I.The analysis of annual average ambient air quality of these districts / cities & towns for the year 2021 indicates that levels of $SO_2$& $NO_2$ of all cities /towns of 15 districts are within the National Standards. The $PM_{10}$ of 8 cities namely Anantapur, Eluru, Kakinada, Rajahmundry, Srikakulam, Vijayawada, Visakhapatnam and Vizianagaram exceed the national standards and only Vishakhapatnam exceeds the National Standards in respect of $PM_{2.5}$.

The ambient air quality monitoring under the National Air Quality Monitoring Programme (NAMP) and real-time ambient air quality monitoring under Continuous Ambient Air Quality Monitoring Stations (CAAQMS) is being carried out by CPCB regularly with the help of State Pollution Control Boards. There are 9 CAAQMS and 72 manual monitoring stations (under NAMP) in Andhra Pradesh state covering 16 cities / towns. City wise list of monitoring stations is given as Annexure – II.

Government has launched National Clean Air Programme (NCAP) in 2019 as a national level strategy to reduce air pollution levels across the country. Under NCAP, city specific clean air action plans have been prepared and rolled out for implementation in non-attainment/million plus cities (NAC). The city specific clean air action plans target city specific air polluting sources like soil & road dust, vehicles, domestic fuel, MSW burning, construction material

and industries. A total amount of Rs. 46.46 crores has been released to Andhra Pradesh for initiating actions under city action plan and Rs 35.42 crores has been utilized for implementation of city action plan in 13 NAC's of Andhra Pradesh (till 22.01.23). Further, under 15$^{th}$Finance Commission, grant of Rs. 124.35 crores has been released to Vijayawada and Rs 129.25 crores has been released to Visakhapatnam for air quality improvement during FY 2020-21 to FY 2022-23.

Further, Steering, Monitoring and Implementation Committees have been constituted at central and state level for overseeing implementation of NCAP. Air Quality Monitoring (AQM) cells have been constituted in ULBs of all 131 cities including 15 districts / cities of Andhra Pradesh for city level air quality management.

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**Annexure-I**

## Ambient air quality data for the year 2021

| Sl. No. | District | City / Town | Annual average concentration in µg/m$^3$ (Integrated) | | | |
|---|---|---|---|---|---|---|
| | | | $SO_2$ | $NO_2$ | $PM_{10}$ | $PM_{2.5}$ |
| 1. | Guntur | Amaravati | 14 | 12 | 55 | 28 |
| 2. | | Guntur | 5 | 17 | 60 | 29 |
| 3. | Anantapur | Anatapur | 7 | 16 | 64 | 30 |
| 4. | Chittoor | Chittor | 5 | 14 | 46 | 25 |
| 5. | West Godavari | Eluru | 5 | 17 | 63 | 30 |
| 6. | YS Rajshekhara Reddy | Kadapa | 5 | 14 | 53 | 26 |
| 7. | East Godavari | Kakinada | 8 | 14 | 61 | 28 |
| 8. | Kurnool | Kurnool | 6 | 15 | 58 | 26 |
| 9. | Sri PottiSriramulu Nellore | Nellore | 5 | 17 | 55 | 23 |
| 10. | Prakasam | Ongole | 5 | 17 | 53 | 18 |
| 11. | East Godavari | Rajahmundry | 8 | 15 | 72 | 33 |
| 12. | Srikakulam | Srikakulam | 9 | 20 | 77 | 27 |
| 13. | Chittoor | Tirupati | 6 | 22 | 51 | 27 |
| 14. | Krishna | Vijayawada | 5 | 17 | 65 | 34 |
| 15. | Visakhapatnam | Visakhapatnam | 12 | 35 | 103 | 41 |
| 16. | Vizianagaram | Vizianagaram | 9 | 19 | 72 | 27 |

*NAAQS (annual): $SO_2$=50 µg/m$^3$, $NO_2$=40 µg/m$^3$, $PM_{10}$=60 µg/m$^3$,$PM_{2.5}$ = 40 µg/m$^3$ (Residential / industrial / rural / other areas)*

**Annexure - II**

**Status of ambient air quality monitoring stations in Andhra Pradesh**

| Sl. No. | District | City / town | Real time station under CAAQMS | Manual station under NAMP |
|---|---|---|---|---|
| 1. | Guntur | Amaravati | 1 | |
| 2. | | Guntur | | 4 |
| 3. | Anantapur | Anatapur | 1 | 4 |
| 4. | Chittoor | Chittor | 1 | 5 |
| 5. | West Godavari | Eluru | | 4 |
| 6. | YS Rajshekhara Reddy/Kadapa/Cuddapah | Kadapa | | 5 |
| 7. | East Godavari | Kakinada | | 4 |
| 8. | Kurnool | Kurnool | | 4 |
| 9. | Sri PottiSriramulu Nellore | Nellore | | 4 |
| 10. | Prakasam | Ongole | | 4 |
| 11. | East Godavari | Rajahmundry | 1 | 4 |
| 12. | Srikakulam | Srikakulam | | 4 |
| 13. | Chittoor | Tirupati | 2 | 4 |
| 14. | Krishna | Vijayawada | 2 | 9 |
| 15. | Visakhapatnam | Visakhapatnam | 1 | 9 |
| 16. | Vizianagaram | Vizianagaram | | 4 |