

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UN-STARRED QUESTION NO 1584**  
TO BE ANSWERED ON 25.07.2017

**Ambient Air Quality Monitoring Stations**

1584. SHRI RAMDAS C. TADAS:  
DR. SHASHI THAROOR:  
DR. A. SAMPATH:

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

- (a) whether the Central Pollution Control Board is maintaining only 580 Ambient Air Quality Monitoring Stations (AAQMS) in the country against a target of 700 stations;
- (b) if so, the details thereof, location/ State-wise including Maharashtra and Jharkhand;
- (c) whether the Government has any plan to increase the number of AAQMS in order to disseminate real time effective data on air quality in the country;
- (d) if so, the details thereof, location/ State-wise;
- (e) whether the Government has released funds to various States to check the level of pollution in their respective States and if so, the details thereof during the last two years and the current year, State-wise; and
- (f) the details of works undertaken with the help of funds allocated for controlling pollution and the outcome thereof?

**ANSWER**

MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(DR. HARSH VARDHAN)

(a) & (b) Central Pollution Control Board (CPCB) in association with State Pollution Control Boards (SPCBs) / Pollution Control Committees (PCCs) monitors ambient air quality across the country under National Air Quality Monitoring Programme (NAMP). The NAMP network presently comprises 684 manual monitoring stations located in 302 cities/towns in 29 states and 5 union territories. The state-wise details of these monitoring stations including 80 stations in Maharashtra and 10 stations in Jharkhand is given at Annexure-I.

(c) & (d) 64 real time Ambient Air Quality Monitoring (CAAQM) Stations located in 40 cities spread over 14 states are operational in the country. The coverage under CAAQMS is being expanded to all the remaining million plus cities and state capitals in order to disseminate real time data relating to air quality in the country. The location/ State-wise details of CAAQMS is given at Annexure-II.

(e) Funds are released for monitoring of air pollution to various monitoring agencies including SPCBs under National Air Quality Monitoring Programme (NAMP). State-wise details of funds released during last three years and the current year is at Annexure III.

(f) Financial Assistance is also provided for control and abatement of pollution under the schemes, 'Assistance for Abatement of Pollution' and 'Common Effluent Treatment Plants' (CETP). The details of financial assistance is at Annexure IV. Activities carried out from these funds include lab upgradation / procurement of equipment in the weaker SPCBs, salary support for scientific and technical staff of the SPCBs of North-Eastern Region and all PCCs, construction of Office-cum-laboratory building in SPCBs of North Eastern Region and the weaker PCCs, establishment of new CETPs in industrial estate or a cluster of Small Scale Industries (SSIs) and upgradation / modernization of CETPs earlier financed through the Ministry of Environment, Forest and Climate Change. The expansion of monitoring network and implementation of various activities have helped in mitigation of pollution.

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**ANNEXURE REFERRED TO IN REPLY TO PARA (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 1584 DUE FOR REPLY ON 25.07.2017 REGARDING AMBIENT AIR QUALITY MONITORING STATIONS BY SHRI RAMDAS C. TADAS, DR. SHASHI THAROOR, DR. A. SAMPATH, HON'BLE MEMBERS OF PARLIAMENT**

**OPERATING STATIONS UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME**

S.no	State/Union Territory	City	Operating Monitoring Station
1	Arunachal Pradesh	Itananagar	1
		Naharlagun	1
2	Andhra Pradesh	Visakhapatnam	8
		Kakinada	1
		Rajamundry	1
		Eluru	1
		Vizianagaram	1
		Srikakulam	1
		Kurnool	1
		Tirupati	1
		Chittoor	2
		Kadapa	1
		Anatapur	1
		Vijayawada	3
		Ongole	1
		Guntur	1
		Nellore	1
3	Assam	Bongaigaon	3
		Gawahati	6
		Tezpur	1
		Sibasagar	2
		Dibrugarh	1
		Golaghat	1
		Silcher	2
		Daranga	1
		Margheita	1
		North Lakhimpur	1
		Nagaon	1
		Tinsukhia	3
		Nalbari	1
		4	Bihar
5	Chandigarh (UT)	Chandigarh	5
6	Chattisgarh	Korba	3
		Bhilai	3
		Raipur	3
		Bilaspur	1
7	Delhi (UT)	Delhi	11
8	Dadara & Nagar Haveli (UT)	Silvasa	2
9	Daman Diu (UT)	Daman	2
10	Goa	Panaji	1
		Vasco	1
		Marmagao	1
		Codlitisk	1
		Honda Junction	1

		Bicholim City	1
		Amona	1
		Assanora Junction	1
		Curchorem	1
		Usgao-Pale	1
		Margao Town	1
		Mapusa Town	1
		Sanguem	1
		ponda	1
		Tilamol	1
		Kundaim	1
		Tuem Industrial Estate	1
		Cuncolim	1
<b>11</b>	<b>Gujarat</b>	Ahmedabad	8
		Ankaleshwar	2
		Jamnagar	1
		Rajkot	2
		Surat	3
		Vadodara	5
		Vapi	2
<b>12</b>	<b>Haryana</b>	Faridabad	2
		Hissar	2
		Yamuna Nagar	1
<b>13</b>	<b>Himachal Pradesh</b>	Damtal	2
		Parwanoo	2
		Poanta Sahib	2
		Shimla	2
		Kala Amb	2
		Baddi-Barotiwala	3
		Nalagarh	1
		Una	2
		Sunder Nagar	2
		Dharamshala	2
		Marhi	1
		Gulaba	1
		Vashisht	1
		Manali	2
<b>14</b>	<b>Jammu&amp; Kashmir</b>	Jammu	3
<b>15</b>	<b>Jharkand</b>	Dhanbad	3
		Jharia	1
		Sindri	1
		Jamshedpur	2
		Ranchi	1
		Saraikela-Kharsawan	1
		West Singhbhum	1
<b>16</b>	<b>Karnataka</b>	Bangalore	9
		Dharwar, Hubli	2
		Mangalore	1
		Hassan	1
		Mysore	2
		Gulbarga	1
		Belgaum	1
		Devanagere	3
		Mandya	1
		Raichur	1

		Bijapur	1
		Chitradurga	1
		Shimoga	1
		Karwar	1
		Bagalkote	1
		Kolar	1
		Tumkar	1
		Bidar	1
<b>17</b>	<b>Kerala</b>	Kozhikode	2
		Kottayam	2
		Cochin	7
		Thiruvananthapuram	4
		Palakkad	1
		Alappuzha	2
		Pathanamthitta	1
		Kollam	2
		Sulthan, Bathery, Wayanad	1
		Kakkanchery, Mallappuram	1
		Thrissur	1
<b>18</b>	<b>Lakswadeep</b>	Lakswadeep islands	1
<b>19</b>	<b>Madhya Pradesh</b>	Bhopal	8
		Indore	3
		Jabalpur	2
		Nagda	3
		Gwalior	2
		Sagar	2
		Satna	2
		Singrauli	3
		Ujjain	4
		Prithampur	2
		Chindwara	2
		Amlai	2
		Katni	2
		Dewas	3
<b>20</b>	<b>Maharashtra</b>	Aurangabad	4
		Bhiwandi	3
		Lote	2
		Tarapur	3
		Kolhapur	3
		Mumbai	3
		Ambarnath	2
		Chandrapur	6
		Nagpur	7
		Nasik	4
		Solapur	2
		Pune	3
		PimpriChinchwad	1
		Thane	3
		Navi Mumbai	6
		Mahad	3
		Roha	2
		Sangli	3
		Amravati	3
		Latur	3
		Ulhas Nagar	2

		Badlapur	1
		Nanded	3
		Jalgaon	3
		Jalna	2
		Akola	3
<b>21</b>	<b>Meghalaya</b>	Shillong	4
		Dwaki	1
		Ri-Bhoi, Brynihat	1
		Tura	1
		Nongstoin	1
		Umaim	1
		Khlihriat	1
<b>22</b>	<b>Mizoram</b>	Aizwal	5
		Lunglei	2
		Kolasib	2
		Champhai	2
<b>23</b>	<b>Manipur</b>	Imphal	1
<b>24</b>	<b>Nagaland</b>	Dimapur	2
		Kohima	2
<b>25</b>	<b>Orissa</b>	Rayagada	2
		Rourkela	4
		Talcher	2
		Angul	2
		Bhubaneshwar	6
		Cuttack	3
		Sambalpur	1
		Balasore	3
		Kalinga Nagar	3
		Berhampur	1
		Puri	2
		Konark	1
		Jarsuguda	2
		Paradeep	3
<b>26</b>	<b>Punjab</b>	Gobindgarh	3
		Jalandhar	4
		Ludhiana	4
		NayaNangal	2
		Khanna	2
		Pathankot(Dera baba)	1
		Amritsar	3
		DerraBassi	2
		Bhatinda	1
		Batala	1
		Patiala	2
		Sangrur	1
		Faridkot	1
		Hoshiarpur	1
<b>27</b>	<b>Puducherry (UT)</b>	Pondicherry	3
		Karaikal	3
<b>28</b>	<b>Rajasthan</b>	Alwar	3
		Jaipur	6
		Jodhpur	6
		Kota	6
		Udaipur	3
		Bharatpur	3

		Bhiwadi	2
<b>29</b>	<b>Sikkim</b>	Gangtok	2
		Namchi (South Sikkim)	1
		Jorithang / Ravangla (South Sikkim)	1
		Mangan (North Sikkim)	1
		Chungthang (North Sikkim)	1
		Singtam (East Sikkim)	1
		Rangpo (East Sikkim)	1
		Pelling (West Sikkim)	1
		<b>30</b>	<b>Tamilnadu</b>
Tuticorin	3		
Coimbatore	3		
Madurai	3		
Salem	1		
Trichy	5		
Cuddalore	3		
Mettur	2		
<b>31</b>	<b>Tirupura</b>	Agartala	2
<b>32</b>	<b>Telangana</b>	Hyderabad	10
		Ramagundum	1
		Patancheru	1
		Nalgonda	2
		Khammam	2
		Warangal	2
		Karimnagar	1
		Sangareddy	3
		Nizamabad	1
		Kothur	1
		Manchiriala, Adilabad	1
		<b>33</b>	<b>Uttar Pradesh</b>
Allahabad	5		
Anpara	2		
Firozabad	3		
Gajroula	2		
Ghaziabad	2		
Kanpur	9		
Lucknow	8		
Noida	2		
Varanasi	5		
Jhansi	2		
Khurja	2		
Meerut	2		
Bareilly	2		
Moradabad	2		
Mathura	2		
Saharanpur	2		
Unnao	2		
Gorakhpur	3		
Rai Bareli	3		
<b>34</b>	<b>Uttaranchal</b>	Dehradun	3
		Haridwar	1
		Rishikesh	1
		Haldwani	1
		Rudrapur	1

		kashipur	1
35	West Bengal	Kolkata	20
		Durgapur	4
		Haldia	5
		Howrah	4
		Asansol	3
		South Suburban	3
		Barrckpore	3
		Sankrail	4
		Raniganj	3
		Uluberia	1
		Barasat	1
		Kalyani	1
		Ranaghat	1
		Krishnanagar	1
		Baharampur	1
		Dankuni	1
		Rishra	1
		Chinsura	1
		Tribeni	1
		Kharagpur	1
		Medinipur Town	1
		Ghatal	1
		Tamluk	1
		Bardhaman	1
		Bankura	1
		Suri	1
		Rampurhat	1
		Bolpur	1
		Purulia	1
		Malda	1
		Siliguri	1
		Jalpaiguri	1
Darjeeling	1		
Coochbihar	2		
Balurghat	1		
Raigun	1		
		<b>Total</b>	<b>684</b>
		<b>Cities</b>	<b>302</b>
		<b>States</b>	<b>29</b>
		<b>UTs</b>	<b>6</b>



**Annexure-II**

**ANNEXURE REFERRED TO IN REPLY TO PARA (c) & (d) OF THE LOK SABHA UNSTARRED QUESTION NO. 1584 DUE FOR REPLY ON 25.07.2017 REGARDING AMBIENT AIR QUALITY MONITORING STATIONS BY SHRI RAMDAS C. TADAS, DR. SHASHI THAROOR, DR. A. SAMPATH, HON'BLE MEMBERS OF PARLIAMENT**

**Status of CAAQMS network in the country as on May 24, 2017**

Sl. No.	CAAQMS Installed cities) (23	Under installation (3 cities during years, 2017-18)	Proposed under CPSUs Project (17 cities during year, 2017-18)	Left over cities (3 cities) (Proposed under GOI Fund)	Coverage in 21 State Capitals including UTs (17 cities are Proposed under GOI Fund)
01.	Mumbai (01)	Howrah (01)	Vishakhapatnam (01)	Vasai - Virar	Amravati
02.	Pune (01)	Coimbatore * (01)	Ranchi (03)	Kalyan-Dombivali	<b>Bhubaneswar (01)</b>
03.	Nagpur (01)	Srinagar (01)	Allahabad (03)	Dhanbad	Gandhi Nagar
04.	Nashik (01)		Meerut (03)		<b>Dehradun (01)</b>
05.	Aurangabad * (01)		Bhopal (03)		Panaji
06.	Ludhiana * (01)		Indore (01)		Shimla
07.	Amritsar (01)		Gwalior (03)		Thiruvananthapuram
08.	Jodhpur (01)		Jabalpur (01)	<b>(3 Nos.)</b>	Guwahati
09.	Jaipur (01)		Pimpri-Chinchwad (02)		Itanagar
10.	Lucknow (03)		Navi Mumbai (01)		<b>Agartala (01)</b>
11.	Agra (01)		Raipur (01)		<b>Shillong (01)</b>
12.	Kanpur (01)		Madurai (02)		Gangtok
13.	Varanasi (01)		Surat (01)		Imphal
14.	Kolkata (01)		Rajkot (02)		Aizawl
15.	Patna (01)		Vadodara (02)		Kohima
16.	Ahmedabad (01)		Thane (02)		Chandigarh
17.	Faridabad (01)	<b>* Common with CPAs</b>	Kota (02)		Puducherry
18.	Bengaluru (05)				Daman
19.	Chennai (04)	<b>(03 Nos.)</b>	<b>(17Nos.)</b>		Port Blair
20.	Hyderabad (01)				Silvassa
21.	Delhi (06)				Kavaratti
22.	Ghaziabad * (01)				<b>(Out of 21 Nos., 04 state capitals are proposed under CPSUs Project)</b>
23.	Vijayawada (01)				
	<b>* Common with CPAs</b>		<b>+ 04 state capitals are also proposed under this Project)</b>		
	<b>(23 Nos.)</b>				
<p align="center"><b>Total 46 Million -plus Cities</b></p>					<p align="center"><b>State / UTs Capitals</b></p>

**ANNEXURE REFERRED TO IN REPLY TO PARA (e) & (f) OF THE LOK SABHA UNSTARRED QUESTION NO. 1584 DUE FOR REPLY ON 25.07.2017 REGARDING AMBIENT AIR QUALITY MONITORING STATIONS BY SHRI RAMDAS C. TADAS, DR. SHASHI THAROOR, DR. A. SAMPATH, HON'BLE MEMBERS OF PARLIAMENT**

**Details of Payment Released to Various Monitoring Agencies under National Air Quality Monitoring Programme (NAMP)**

S.No.	Name of Monitoring Agency	2014-15 (Amount in Rs.)	2015-16 (Amount in Rs.)	2016-17 (Amount in Rs.)	2017-18 (Amount in Rs.) Jan. to June 2017
1.	Andhra Pradesh SPCB	7666250	-	-	-
2.	Arunachal Pradesh	-	-	-	3005334
3.	Assam SPCB	7842500	-	-	11208000
4.	<b>Chandigarh PCC</b>	-	-	4113833	-
5.	Chattisgarh ECB	-	1526250	-	-
6.	Gujarat SPCB	-	-	-	-
7.	<b>Goa SPCB</b>	7125000	7789333	-	-
8.	Jharkhand SPCB	-	-	-	-
9.	Himachal Pradesh SEP & PCB	-	10128333	-	-
10.	Karnataka SPCB	354167	6749583	-	-
11.	Kerala SPCB	6474167	-	-	-
12.	Maharashtra SPCB	-	-	16316919	-
13.	Meghalaya SPCB	-	7845833	-	9173333
14.	Madhya Pradesh SPCB	-	-	7984417	-
15.	Mizoram SPCB	1765000	5413333	4253333	2706667
16.	Nagaland SPCB	906667	-	3658667	1717333
17.	Orissa SPCB	5734583	-	5872500	-
18.	Punjab SPCB	7795417	-	-	-
19.	Puducherry	-	-	5110333	-
20.	Rajasthan SPCB	-	4218750	-	-
21.	Tamil Nadu SPCB	2358333	-	-	-
22.	Uttar Pradesh SPCB	-	7263333	-	-
23.	Uttarakhand EP&PCB	-	4085833	-	-
24.	NEERI	7047000	13612000	22288000	-
25.	IIT Kanpur	3709378	-	-	-

Note:- SPCB – State Pollution Control Board, SEP&PCB – State Environment Protection & Pollution Control Board, EP& PCB – Environment Protection & Pollution Control Board, PCC – Pollution Control Committee. NEERI is at present monitoring in 6 cities in 5 different states/Union territories namely Delhi, Maharashtra, West Bengal, Tamil Nadu and Andhra Pradesh.

**Annexure-IV**

**ANNEXURE REFERRED TO IN REPLY TO PARA (e) & (f) OF THE LOK SABHA UNSTARRED QUESTION NO. 1584 DUE FOR REPLY ON 25.07.2017 REGARDING AMBIENT AIR QUALITY MONITORING STATIONS BY SHRI RAMDAS C. TADAS, DR. SHASHI THAROOR, DR. A. SAMPATH, HON'BLE MEMBERS OF PARLIAMENT**

(₹in Crore)

S. No.	Scheme / Activity	State	Funds released			
			2014-15	2015-16	2016-17	2017-18 (till 15 <sup>th</sup> July,2017)
1.	AAP	Chandigarh	---	0.4425	0.9513	---
2.	AAP	Himachal Pradesh	0.50	---	---	---
3.	AAP	Manipur	0.3816	0.4752	0.3999	0.4175
4.	AAP	Mizoram	1.8532	0.3969	0.4172	---
5.	AAP	Tripura	---	0.1978	---	---
6.	CETP	Andhra Pradesh	---	---	0.20	---
7.	CETP	Gujarat	8.40	11.06	---	---
8.	CETP	Punjab	---	---	1.50	---

AAP: Assistance for Abatement of Pollution; CETP: Common Effluent Treatment Plants;