

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 92
TO BE ANSWERED ON 18.07.2022

Air Quality Index

92. SHRIMATI JASKAUR MEENA:

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

- (a) the details of the Air Quality Index of the country including Rajasthan during the last three years;
- (b) whether it is getting worse year after year and if so, the reasons therefor and the details of the steps taken/being taken by the Government in this regard; and
- (c) whether the Government has set any target in this regard and if so, the details thereof along with its current status?

ANSWER

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

(a), (b)& (c): The details of Air Quality Index of the country including Rajasthan during last three years are provided at **Annexure I**.

Ministry of Environment, Forest and Climate Change launched National Clean Air Program (NCAP) in January 2019 and is a long-term, time-bound, national level strategy to improve the air quality across the country in a comprehensive manner with targets to achieve 20% to 30% reduction in Particulate Matter (PM) concentration. Government of India has taken several measures for air quality management which are enclosed at **Annexure II**.

There has been an overall improvement in Particulate Matter₁₀ (PM₁₀) concentration in 95 cities including 20 cities conforming to the National Ambient Air Quality Standards in the year 2021-22 compared to 2017. Details of air quality of 132 non-attainment cities are enclosed at **Annexure III**.

Annexure-I

Details of Air Quality Index (AQI) of cities of the country during 2019 to 2021

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Andhra Pradesh	Amaravati	278	21	347	11	350	8
	Rajamahendravaram	308	20	334	15	342	9
	Tirupati	343	0	357	1	337	2
	Vijayawada	181	0	NA	NA	NA	NA
	Visakhapatnam	189	25	309	23	321	21
Arunachal Pradesh	Naharlagun	NA	NA	NA	NA	102	2
Assam	Guwahati	250	46	273	86	273	91
Bihar	Araria	NA	NA	NA	NA	3	11
	Arrah	NA	NA	NA	NA	3	12
	Bettiah	NA	NA	NA	NA	26	28
	Bhagalpur	NA	NA	NA	NA	3	36
	Bihar Sharif	NA	NA	NA	NA	13	28

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Bihar	Buxar	NA	NA	NA	NA	2	17
	Chhapra	NA	NA	NA	NA	2	30
	Darbhanga	NA	NA	NA	NA	22	44
	Gaya	232	94	308	37	325	35
	Hajipur	NA	NA	226	19	219	99
	Katihar	NA	NA	NA	NA	3	33
	Kishanganj	NA	NA	NA	NA	6	30
	Manguraha	NA	NA	NA	NA	0	0
	Motihari	NA	NA	NA	NA	22	37
	Munger	NA	NA	NA	NA	5	31
	Muzaffarpur	107	120	226	122	222	132
	Patna	168	157	271	95	224	140
	Purnia	NA	NA	NA	NA	2	31
Rajgir	NA	NA	NA	NA	5	16	

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Bihar	Saharsa	NA	NA	NA	NA	2	27
	Sasaram	NA	NA	NA	NA	10	35
	Siwan	NA	NA	NA	NA	1	30
Chandigarh	Chandigarh	80	23	361	3	348	13
Chhattisgarh	Bhilai	NA	NA	NA	NA	28	0
	Bilaspur	NA	NA	NA	NA	96	0
Delhi	Delhi	182	183	227	139	197	168
Gujarat	Ahmedabad	277	58	331	15	323	38
	Ankleshwar	261	25	273	23	189	102
	Gandhinagar	285	1	323	0	341	1
	Nandesari	NA	NA	181	29	201	17
	Vapi	240	51	204	87	282	44
	Vatva	257	31	306	37	263	86
Haryana	Ambala	271	65	264	74	279	68

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Haryana	Bahadurgarh	241	108	233	82	198	146
	Ballabgarh	145	142	230	100	214	124
	Bhiwani	261	81	258	48	268	60
	CharkhiDadri	NA	NA	80	63	235	93
	Dharuhera	218	93	220	92	180	126
	Faridabad	186	128	219	139	186	177
	Fatehabad	250	71	213	71	250	86
	Gurugram	211	138	259	107	215	150
	Hisar	213	118	253	104	195	146
	Jind	224	101	228	102	207	130
	Kaithal	264	50	312	45	269	69
	Karnal	207	116	262	65	266	69
	Kurukshetra	273	77	267	89	244	102
	Mandikhera	216	50	309	43	288	34

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Haryana	Manesar	217	124	263	80	163	144
	Narnaul	248	45	243	53	205	104
	Palwal	203	126	254	48	289	27
	Panchkula	350	11	312	26	312	23
	Panipat	223	103	223	110	224	84
	Rohtak	253	100	267	86	223	118
	Sirsa	250	83	293	39	292	53
	Sonipat	228	89	268	61	212	113
	Yamunanagar	36	22	242	94	218	122
Jammu and Kashmir	Srinagar	NA	NA	NA	NA	292	7
Jharkhand	Jorapokhar	239	42	225	20	88	2
Karnataka	Bagalkot	NA	NA	234	2	317	0
	Bengaluru	365	0	366	0	365	0
	Bidar	NA	NA	NA	NA	175	2

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Karnataka	Chamarajanagar	NA	NA	18	0	302	0
	Chikkaballapur	308	1	323	0	335	0
	Chikkamagaluru	NA	NA	273	0	316	0
	Davanagere	NA	NA	NA	NA	226	0
	Gadag	NA	NA	NA	NA	194	1
	Hassan	NA	NA	NA	NA	237	0
	Hubballi	186	2	281	1	329	6
	Kalaburagi	282	12	194	8	231	9
	Kolar	NA	NA	NA	NA	209	0
	Koppal	NA	NA	12	0	317	0
	Mangalore	NA	NA	NA	NA	238	0
	Madikeri	NA	NA	52	0	336	0
	Mysuru	102	1	264	0	305	0
	Raichur	NA	NA	13	0	285	3

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Karnataka	Ramanagara	77	0	319	0	277	2
	Shivamogga	NA	NA	48	0	305	1
	Udupi	NA	NA	NA	NA	131	24
	Vijayapura	NA	NA	232	0	275	0
	Yadgir	201	32	184	0	333	1
Kerala	Eloor	208	0	341	0	294	0
	Ernakulam	NA	NA	258	0	293	0
	Kannur	NA	NA	292	1	326	1
	Kochi	NA	NA	271	2	256	2
	Kollam	NA	NA	161	6	333	2
	Kozhikode	NA	NA	297	0	334	2
	Thiruvananthapuram	324	0	364	0	361	1
	Thrissur	NA	NA	78	0	264	0
Madhya Pradesh	Bhopal	65	33	324	19	316	44

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
Madhya Pradesh	Damoh	230	18	314	11	274	23
	Dewas	341	11	347	8	318	19
	Gwalior	NA	NA	252	78	289	71
	Indore	89	10	341	17	311	45
	Jabalpur	62	35	328	28	302	53
	Katni	42	58	285	72	251	109
	Maihar	282	0	329	0	153	4
	Mandideep	293	64	340	19	312	19
	Pithampur	343	20	352	10	340	23
	Ratlam	266	9	291	10	306	9
	Sagar	NA	NA	287	8	322	9
	Satna	316	11	337	0	336	0
	Singrauli	132	144	226	116	194	153
Ujjain	326	28	316	41	316	41	

State/UTs	City	2019		2020		2021	
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Maharashtra	Aurangabad	297	4	300	0	236	2
	Chandrapur	326	5	361	1	347	16
	Kalyan	161	5	246	44	204	79
	Mumbai	336	26	346	20	326	39
	Nagpur	258	18	250	0	183	1
	Nashik	313	7	327	3	312	6
	Navi Mumbai	326	22	309	33	286	71
	Pune	314	25	309	7	359	6
	Solapur	316	3	257	0	167	1
Thane	274	17	286	21	183	97	
Meghalaya	Shillong	39	0	261	0	172	0
Mizoram	Aizawl	NA	NA	190	0	315	1
Nagaland	Kohima	NA	NA	109	0	310	7
Odisha	Brajrajnagar	212	52	203	25	228	10

State/UTs	City	2019		2020		2021	
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Odisha	Talcher	151	82	262	35	328	9
Puducherry	Puducherry	NA	NA	NA	NA	335	0
Punjab	Amritsar	313	29	306	32	311	32
	Bathinda	308	22	281	27	254	24
	Jalandhar	327	30	335	28	315	42
	Khanna	318	22	332	25	332	25
	Ludhiana	289	35	326	32	306	44
	MandiGobindgarh	265	60	258	68	270	57
	Patiala	319	29	338	25	317	39
	Rupnagar	305	24	256	27	264	28
Rajasthan	Ajmer	350	6	341	8	341	7
	Alwar	335	7	350	3	357	5
	Bhiwadi	138	192	192	154	142	213
	Jaipur	346	19	353	12	330	34

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Rajasthan	Jodhpur	257	97	291	61	275	84
	Kota	336	24	341	15	299	57
	Pali	335	16	356	4	337	23
	Udaipur	332	17	351	4	331	24
Tamil Nadu	Chennai	352	12	365	0	365	0
	Coimbatore	124	0	229	0	70	0
	Gummidipoondi	NA	NA	NA	NA	193	5
	Thoothukudi	NA	NA	46	0	324	0
Telangana	Hyderabad	365	0	366	0	365	0
Tripura	Agartala	0	0	42	8	284	44
Uttar Pradesh	Agra	271	69	238	108	218	124
	Baghpat	173	176	100	89	169	170
	Bulandshahr	149	137	195	156	190	169
	Firozabad	0	0	0	0	102	57

State/UTs	City	2019		2020		2021	
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Uttar Pradesh	Ghaziabad	147	216	204	161	163	202
	Gorakhpur	NA	NA	NA	NA	145	28
	Greater Noida	149	184	209	129	184	180
	Hapur	110	128	309	49	243	84
	Kanpur	220	103	243	116	270	95
	Loni_Dehat	100	83	NA	NA	NA	NA
	Lucknow	211	153	237	129	240	124
	Meerut	28	68	227	136	191	174
	Moradabad	135	132	89	91	160	141
	Muzaffarnagar	163	133	223	96	203	122
	Noida	179	186	225	140	204	159
	Prayagraj	NA	NA	NA	NA	160	49
	Varanasi	130	197	232	106	243	114
Vrindavan	NA	NA	NA	NA	94	52	

State/UTs	City	2019		2020		2021	
		GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)	GOOD DAYS (AQI: 0-200)	BAD DAYS (Poor/ Very-Poor/Severe) (AQI: >200)
West Bengal	Asansol	266	87	173	62	267	61
	Durgapur	115	0	6	9	177	116
	Haldia	247	1	31	1	300	22
	Howrah	258	107	273	92	266	98
	Kolkata	264	99	292	74	282	83
	Siliguri	280	58	215	64	258	75

* NA: Data not available.

* Good days: Good (AQI: 0-50)/ Satisfactory (AQI: 51-100) /Moderate (AQI: 101-200)

* Poor: AQI: 201-300

* Very-Poor: AQI: 301-400

*Severe: AQI: >400

Measures taken by the Government for Air Quality management

Vehicular Emission

- Leapfrogging from BS-IV to BS-VI fuel standards since 1st April, 2018 in NCT of Delhi and from 1st April, 2020 for the rest of the country.
- Introduction of BS VI compliant vehicles across the country since April, 2020.
- Development of Expressways and Highways to reduce fuel consumption and pollution.
- Eastern Peripheral Expressway & Western Peripheral Expressway have been operationalized to divert non destined traffic from Delhi.
- Environment Protection Charges (EPC) have been imposed on diesel vehicles with engine capacity of 2000cc and above in Delhi NCR.
- Introduction of cleaner/alternate fuels like CNG, LPG, ethanol blending in petrol.
- Promotion of public transport and improvements in roads and building of more bridges to ease congestion on roads.
- Network of metro rails for public transport are enhanced and more cities are covered.
- Ban on 10-year-old diesel vehicles and 15-year-old vehicles in Delhi NCR.
- Faster Adoption and Manufacturing of Electric Vehicles (FAME) -2 schemes has been rolled out.
- Permit requirement for electric vehicles has been exempted.
- Promotion of public transport and improvements in roads and building of more bridges to ease congestion on roads.

Industrial Emission

- Ban on use of pet coke and furnace oil in NCR, use of pet coke in processes in cement plants, lime kilns and calcium carbide manufacturing units.
- Stringent emission norms for Coal based Thermal Power Plants (TPPs).
- Shifting of industrial units to PNG/cleaner fuel in Delhi
- Installation of online continuous emission monitoring devices in highly polluting industries.
- Shifting of brick kilns in Delhi-NCR to zigzag technology for reduction of pollution

Air Pollution due to Dust and Burning of Waste

- Notifications of 6 waste management rules covering solid waste, plastic waste, e-waste, bio-medical waste, C&D waste and hazardous waste.

- Setting up infrastructure such as waste processing plants.
- Extended Producer Responsibility (EPR) for plastic and e-waste management.
- Ban on burning of biomass/garbage.

Monitoring of Ambient Air Quality

- Expansion of air quality monitoring network of manual as well as continuous monitoring stations under programmes such as National Air Monitoring Programme (NAMP).
- Initiation of pilot projects to assess alternate ambient monitoring technologies such as low-cost sensors and satellite-based monitoring.

Monitoring the Implementation of NCAP

- Government has launched NCAP as a national level as a national-level strategy outlining the actions for reducing the levels of air pollution at city and regional scales in India. City specific air action plans have been rolled out for implementation in 132 NACs and MPCs
- Rs. 472.06 crore have been sanctioned to 82 non-attainment cities under NCAP to provide support for critical gap funding. The funds are disbursed based upon the performance of the cities as per the NCAP operational guidelines.
- Further, 15th Finance Commission (XV-FC) has provided a special grant of Rs 4,400 crore to 42 million plus cities/urban agglomerations which covers 50 Non-Attainment Cities for FY 2020-21.
- The performance based incentive grant of Rs.12,139 crore for FY 2020-21 to 2025-26 have been allocated for improvement in air quality of 42 million plus cities/urban agglomerations under Million-Plus Cities Challenge Fund (MPCCF). MoEF&CC is the nodal agency for monitoring ambient air quality and recommending DoE for disbursing grants to 42 Million –plus cities.
- For FY 2021-22 for 42 MPCs, Rs 205 Cr have been released by DoE to 42 cities/UAs on the basis of their performance assessment made by MoEF&CC.
- City specific action plans are regularly monitored by committees at Central: Apex, Steering, Monitoring and implementation committee; at State: Steering,implementation committee and at City level Implementation and Monitoring Committee.
- Implementation of Air Quality Early Warning System for Delhi, Kanpur and Lucknow. The system provides alerts for taking timely actions.

- Public Complaints regarding air pollution issues in Delhi NCR are taken through 'Sameer App', 'Emails' (Aircomplaints.cpcb@gov.in) and 'Social Media Networks' (Facebook and Twitter).
- PRANA a portal for monitoring implementation of NCAP has been launched.

Annexure III

States	Sl. No.	Cities	Annual Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), CY; Manual data; 132 cities (2017)	Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), FY; Integrated data; 132 cities (2021-2022)
Andhra Pradesh	1	Anantpur	78	52
Andhra Pradesh	2	Chittur	69	49
Andhra Pradesh	3	Eluru	74	65
Andhra Pradesh	4	Guntur	69	58
Andhra Pradesh	5	Kadapa	74	54
Andhra Pradesh	6	Kurnool	82	61
Andhra Pradesh	7	Nellore	65	55
Andhra Pradesh	8	Ongole	65	52
Andhra Pradesh	9	Rajamahendravaram	65	68
Andhra Pradesh	10	Srikakulam	70	75
Andhra Pradesh	11	Vijayawada	99	67
Andhra Pradesh	12	Visakhapatnam	73	98
Andhra Pradesh	13	Vizhianagaram	72	71
Assam	14	Guwahati	106	103
Assam	15	Nagaon	75	104
Assam	16	Nalbari	95	99
Assam	17	Silchar	49	45
Assam	18	Sivasagar	81	47
Bihar	19	Gaya	77	98
Bihar	20	Muzafarpur	167	153
Bihar	21	Patna	156	145
Chandigarh	22	Chandigarh	109	97
Chhattisgarh	23	Durg Bhilainagar	97	58
Chhattisgarh	24	Korba	58	61
Chhattisgarh	25	Raipur	103	61
Delhi	26	Delhi	241	196
Gujarat	27	Ahmedabad	120	113
Gujarat	28	Rajkot	106	116
Gujarat	29	Surat	106	100
Gujarat	30	Vadodara	108	121
Haryana	31	Faridabad		209
Himachal Pradesh	32	Baddi	173	132
Himachal Pradesh	33	Damtal	62	64
Himachal Pradesh	34	Kala Amb	119	114
Himachal	35	Nalagarh	147	84

States	Sl. No.	Cities	Annual Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), CY; Manual data; 132 cities (2017)	Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), FY; Integrated data; 132 cities (2021-2022)
Pradesh				
Himachal Pradesh	36	Paonta Sahib	84	90
Himachal Pradesh	37	Parwanoo	65	35
Himachal Pradesh	38	Sunder Nagar	73	47
Jammu&Kashmir	39	Jammu	149	170
Jammu&Kashmir	40	Srinagar		105
Jharkhand	41	Dhanbad	238	235
Jharkhand	42	Jamshedpur	131	110
Jharkhand	43	Ranchi	142	110
Karnataka	44	Bengaluru	92	67
Karnataka	45	Devanagere	87	57
Karnataka	46	Gulburga / Kalaburgi	54	84
Karnataka	47	Hubli-Dharwad	79	69
Madhya Pradesh	48	Bhopal	93	116
Madhya Pradesh	49	Dewas	75	81
Madhya Pradesh	50	Gwalior	110	109
Madhya Pradesh	51	Indore	80	103
Madhya Pradesh	52	Jabalpur	74	115
Madhya Pradesh	53	Sagar	69	78
Madhya Pradesh	54	Ujjain	75	114
Maharashtra	55	Akola	127	64
Maharashtra	56	Amravati	106	66
Maharashtra	57	Aurangabad	83	85
Maharashtra	58	Badlapur	159	94
Maharashtra	59	Chandrapur	146	105
Maharashtra	60	Jalgaon	77	59
Maharashtra	61	Jalna	101	93
Maharashtra	62	Kolhapur	90	81
Maharashtra	63	Latur	81	57
Maharashtra	64	Mumbai	151	106
Maharashtra	65	Nagpur	102	68
Maharashtra	66	Nashik	81	59
Maharashtra	67	Navi Mumbai	105	97
Maharashtra	68	Pune	102	85
Maharashtra	69	Sangli	76	60
Maharashtra	70	Solapur	64	60
Maharashtra	71	Thane	125	130

States	Sl. No.	Cities	Annual Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), CY; Manual data; 132 cities (2017)	Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), FY; Integrated data; 132 cities (2021-2022)
Maharashtra	72	Ulhasnagar	149	77
Maharashtra	73	Vasai Virar		171
Meghalaya	74	Byrnihat	174	181
Nagaland	75	Dimapur	138	84
Nagaland	76	Kohima	114	69
Odisha	77	Angul	94	97
Odisha	78	Balasore	83	74
Odisha	79	Bhubneshwar	91	95
Odisha	80	Cuttack	86	90
Odisha	81	Kalinga Nagar	126	114
Odisha	82	Rourkela	117	106
Odisha	83	Talcher	96	81
Punjab	84	Amritsar	168	118
Punjab	85	Dera Baba Nanak	90	71
Punjab	86	DeraBassi	93	98
Punjab	87	Jalandhar	223	129
Punjab	88	Khanna	139	106
Punjab	89	Ludhiana	162	149
Punjab	90	MandiGobindgarh	136	123
Punjab	91	NayaNangal	90	70
Punjab	92	Patiala	101	109
Rajasthan	93	Alwar	134	111
Rajasthan	94	Jaipur	177	125
Rajasthan	95	Jodhpur	180	161
Rajasthan	96	Kota	130	112
Rajasthan	97	Udaipur	126	123
Tamil Nadu	98	Chennai	62	57
Tamil Nadu	99	Madurai	67	53
Tamil Nadu	100	Trichy	86	45
Tamil Nadu	101	Tuticorin	132	91
Telangana	102	Hyderabad	108	88
Telangana	103	Nalgonda	60	70
Telangana	104	Patencheru	78	76
Telangana	105	Sangareddy	79	83
Uttar Pradesh	106	Agra	185	146
Uttar Pradesh	107	Allahabad	140	119
Uttar Pradesh	108	Anpara	153	154
Uttar Pradesh	109	Bareilly	195	175
Uttar Pradesh	110	Firozabad	221	137

States	Sl. No.	Cities	Annual Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), CY; Manual data; 132 cities (2017)	Average concentration of PM10 ($\mu\text{g}/\text{m}^3$), FY; Integrated data; 132 cities (2021-2022)
Uttar Pradesh	111	Gajraula	206	155
Uttar Pradesh	112	Ghaziabad	280	217
Uttar Pradesh	113	Gorakpur	186	122
Uttar Pradesh	114	Jhansi	113	112
Uttar Pradesh	115	Kanpur	224	170
Uttar Pradesh	116	Khurja	208	173
Uttar Pradesh	117	Lucknow	246	148
Uttar Pradesh	118	Meerut	153	186
Uttar Pradesh	119	Moradabad	217	154
Uttar Pradesh	120	Noida	216	203
Uttar Pradesh	121	Raebareli	141	112
Uttar Pradesh	122	Varanasi	244	114
Uttarakhand	123	Dehradun	248	146
Uttarakhand	124	Kashipur	111	119
Uttarakhand	125	Rishikesh	128	117
West Bengal	126	Asansol	163	113
West Bengal	127	Barrackpore	90	85
West Bengal	128	Durgapur	154	168
West Bengal	129	Haldia	97	94
West Bengal	130	Howrah	110	125
West Bengal	131	Kolkata	119	105
West Bengal	132	Raniganj	163	132