

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA  
UNSTARRED QUESTION NO. 385  
TO BE ANSWERED ON 06.02.2025

**Air quality index in capitals of the States**

385. DR. V. SIVADASAN:

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

- (a) whether Government has noticed the hazardous level of air pollution in Indian State capitals;
- (b) the list of first State capitals where AQI was in 'very good' , good" and category in the last three years, category-wise; and
- (c) the list of State capital with AQI in 'Poor', Very poor' and 'Hazardous' category in the last three years, category-wise?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI KIRTI VARDHAN SINGH)

**(a) to (c) :**

Air Quality in state capitals is largely within prescribed standard, the ambient air quality data of state capitals during 2021 to 2023 is attached at **Annexure – I** and depicts that:

- SO<sub>2</sub> – All state capitals were within NAAQS except for Imphal in 2022
- NO<sub>2</sub> - All state capitals were within NAAQS except for Delhi in 2021 & 2022
- PM<sub>10</sub> – Out of 36, 11 different State capitals were within NAAQS in all the three years
- PM<sub>2.5</sub> - Out of 36, 22, 23 and 21 State capitals were within NAAQS during 2021, 2022 & 2023 respectively.

The AQI data of state capitals during last three years (2022 to 2024) w.r.t. to number of days in different categories of AQI is attached at **Annexure-II**.

\*\*\*

**Annexure – I**

**Ambient Air Quality Data of State Capitals during last three years (2021 to 2023)**

Sl. No.	State / Union Territory	State Capital	2021				2022				2023			
			SO2	NO2	PM10	PM2.5	SO2	NO2	PM10	PM2.5	SO2	NO2	PM10	PM2.5
1	Andaman & Nicobar Islands (UT)	Port Blair	-	-	-	-	-	-	-	-	-	-	22	-
2	Andhra Pradesh	Amaravati	14	12	55	28	12	10	54	30	14	11	71	34
3	Arunachal Pradesh	Itanagar	3	5	67		2	11	58	-	-	-	-	-
4	Bihar	Patna	8	39	150	73	7	32	175	90	8	32	183	90
5	Chandigarh (UT)	Chandigarh	6	24	98	49	7	27	113	57	6	25	113	58
6	Chattisgarh	Raipur	13	22	62	35	14	20	72	30	9	33	77	31
7	Daman & Diu (UT)	Daman	15	20	84	30	19	24	76	31	-	-	-	-
8	Dadara & Nagar Haveli	Silvasa	-	-	-	-	17	22	77	30	-	-	-	-
9	Delhi (UT)	Delhi	10	42	207	107	9	41	207	98	8	38	205	105
10	Goa	Panaji	2	15	73	26	2	16	62		3	13	71	21
11	Gujarat	Gandhinagar	9	15	78	40	16	13	89	47	7	8	87	48
12	Haryana	Chandigarh	6	24	98	49	7	27	113	57	6	25	113	58
13	Himachal Pradesh	Shimla	2	6	58	22	2	8	44	20	2	7	34	14
14	Jammu & Kashmir (UT)	Jammu	3	20	172	31	3	21	171	32	3	16	108	23
15	Jammu & Kashmir (UT)	Srinagar (K)	10	14	97	32	22	17	83	27	11	14	90	30
16	Jharkhand	Ranchi	18	36	110	105	17	36	106		17	35	107	
17	Karnataka	Bangalore	5	21	67	31	6	19	68	32	6	21	68	33
18	Kerala	Thiruvananthapuram	6	8	47	23	5	12	43	27	5	10	42	23
19	Lakshadweep (UT)	Kavaratti	-	-	-	-	-	-	-	-	-	-	-	-
20	Madhya Pradesh	Bhopal	17	24	119	45	16	22	126	52	13	22	111	47
21	Maharashtra	Mumbai	14	23	106	47	16	29	114	49	18	29	108	47
22	Manipur	Imphal	6	26	123	48	51	8	37	12	48	10	75	41
23	Meghalaya	Shillong	10	6	27	12	11	13	34	20	18	8	58	31
24	Mizoram	Aizwal	10	3	40	23	9	4	42	10	2	4	52	12
25	Nagaland	Kohima	20	3	77	33	41	3	70	27	27	3	69	33
26	Odisha	Bhubaneswar	2	16	94	36	2	17	108	38	4	18	111	46
27	Pondicherry (UT)	Pondicherry	7	11	42	20	9	11	51	25	7	12	50	24
28	Punjab	Chandigarh	6	24	98	49	7	27	113	57	6	25	113	58
29	Rajasthan	Jaipur	10	31	124	58	11	39	143	57	9	32	143	55
30	Sikkim	Gangtok	5	11	49	31	9	5	44	13	30	4	34	16
31	Tamilnadu	Chennai	11	13	58	26	11	16	61	27	10	21	63	28
32	Telangana	Hyderabad	6	34	89	39	7	22	88	39	8	16	86	38
33	Tripura	Agartala	19	9	82	50	31	11	94	53	28	12	117	76
34	Uttar Pradesh	Lucknow	9	34	174	80	10	31	148	63	10	25	141	56
35	Uttarakhand	Dehradun	22	26	154	89	11	14	118	59	5	7	105	48
36	West Bengal	Kolkata	9	36	107	48	8	34	101	44	8	26	94	48

NB: All the above values are in  $\mu\text{g}/\text{m}^3$

## AQI data of state capitals during 2022 to 2024 w.r.t. to number of days in different categories of AQI

Sr. No.	State	City	2022						2023						2024					
			Good	Satisfactory	Moderate	Poor	Very poor	Severe	Good	Satisfactory	Moderate	Poor	Very poor	Severe	Good	Satisfactory	Moderate	Poor	Very poor	Severe
1	Tripura	Agartala	126	97	52	80	6	0	18	98	118	95	13	0	50	95	76	81	13	0
2	Mizoram	Aizawl	243	86	16	0	0	0	170	75	31	0	0	0	216	125	11	0	0	0
3	Andhra Pradesh	Amaravati	164	126	50	6	0	0	88	162	69	14	0	0	170	130	37	10	0	0
4	Karnataka	Bengaluru	36	263	65	0	0	0	69	259	37	0	0	0	65	253	48	0	0	0
5	Madhya Pradesh	Bhopal	32	85	204	31	3	0	26	147	155	33	3	0	47	127	151	39	1	0
6	Odisha	Bhubaneswar	0	0	0	0	0	0	0	13	16	34	2	0	77	130	102	48	8	0
7	Chandigarh	Chandigarh	33	89	189	48	4	0	13	113	168	56	15	0	22	91	162	67	23	1
8	Tamilnadu	Chennai	70	252	38	4	0	0	32	276	54	1	0	0	52	275	37	2	0	0
9	Uttarakhand	Dehradun	54	47	47	9	0	0	21	178	93	6	0	0	82	119	105	35	3	0
10	Delhi	Delhi	3	65	95	130	66	6	1	60	145	77	67	15	0	66	143	70	70	17
11	Gujarat	Gandhinagar	59	145	140	19	0	0	24	182	148	9	0	0	47	209	106	0	0	0
12	Sikkim	Gangtok	153	24	2	0	0	0	76	232	21	2	0	0	157	115	5	0	0	0
13	Telangana	Hyderabad	47	184	133	0	0	0	5	283	77	0	0	0	29	284	53	0	0	0
14	Manipur	Imphal	14	184	49	4	0	0	1	107	83	7	0	0	0	128	162	4	3	2
15	Rajasthan	Jaipur	33	99	204	27	1	0	8	112	203	37	5	0	18	97	191	59	1	0
16	nagaland	Kohima	31	185	68	0	0	0	79	169	56	2	0	0	84	152	94	0	0	0
17	West Bengal	Kolkata	93	123	80	63	5	0	93	116	110	44	2	0	93	139	92	42	0	0
18	Lucknow	Lucknow	29	96	162	75	2	0	34	111	171	48	1	0	28	120	169	48	1	0
19	Maharashtra	Mumbai	21	152	148	42	1	0	5	180	145	35	0	0	82	137	145	2	0	0
20	Bihar	Patna	4	87	110	101	56	6	10	78	114	101	60	2	9	89	120	130	18	0
21	Puducherry	Puducherry	185	128	18	5	0	0	143	196	13	2	0	0	178	157	13	1	0	0
22	Chhattisgarh	Raipur	0	0	7	0	0	0	62	192	108	0	0	0	72	238	55	0	0	0
23	Meghalaya	Shillong	255	57	5	0	0	0	161	117	66	6	0	1	75	74	44	2	0	0
24	Jammu & Kashmir	Srinagar	126	108	61	18	2	0	70	106	30	1	0	0	32	81	25	0	0	0
25	Kerala	Thiruvananthapuram	196	157	8	0	0	0	242	106	13	0	0	0	157	206	2	0	0	0