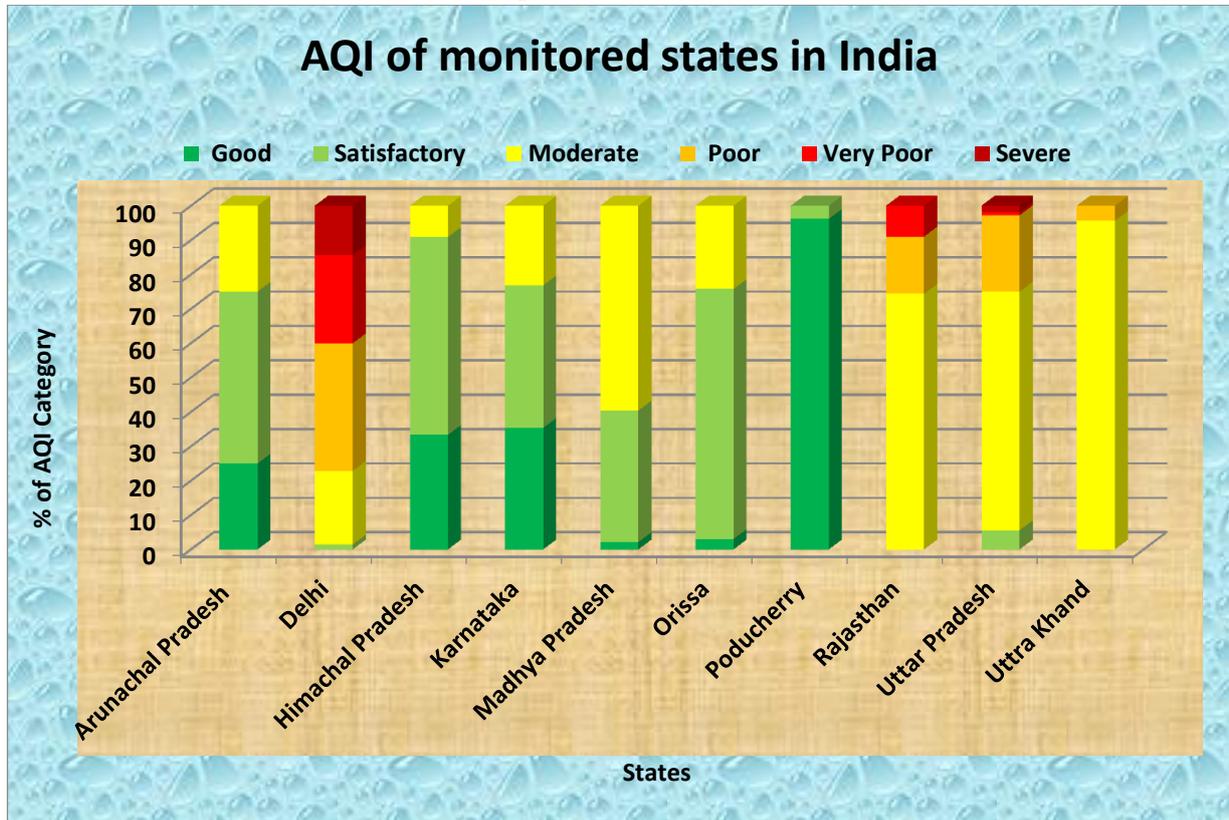


National Air Quality Index

*National Air Quality Index for 30 cities at 69 locations,
April 2016*



*Bulletin of Ambient Air Quality
National Ambient Air Quality Monitoring Programme (NAMP)
Manual monitoring system*



**CENTRAL POLLUTION CONTROL BOARD
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE**

Website: <http://www.cpcb.nic.in/>

e-mail: cpcb@nic.in

May 2016

Status of Category-wise numbers of AQI in cities during April 2016

State	City	Total AQI numbers in cities	Good (0-50)	Satisfactory (51-100)	Moderate (101-200)	Poor (201-300)	Very Poor (301-400)	Severe (401-500)
Arunachal Pradesh	Itanagar	4	1	2	1	0	0	0
Delhi	Delhi	70	0	1	15	26	18	10
Himachal Pradesh	Manali	21	13	8	0	0	0	0
	Sunder Nagar	22	3	13	6	0	0	0
	Shimla	23	6	17	0	0	0	0
Karnataka	Mangalore	7	0	6	1	0	0	0
	Hubli/Dharwad	16	0	14	2	0	0	0
	Raichur	8	0	1	7	0	0	0
	Bhadravathi	8	4	4	0	0	0	0
	Chitradurga	8	5	3	0	0	0	0
	Devangere	26	11	6	9	0	0	0
Madhya Pradesh	Hassan	9	9	0	0	0	0	0
	Dewas	22	0	21	1	0	0	0
	Ujjain	20	0	8	12	0	0	0
Odisha	Bhopal	52	2	7	43	0	0	0
	Rayagada	16	1	15	0	0	0	0
	Rourkela	8	0	0	8	0	0	0
Puducherry	Berhampur	9	0	9	0	0	0	0
	Karaikal	26	25	1	0	0	0	0
Rajasthan	Alwar	26	0	0	26	0	0	0
	Jaipur	52	0	0	32	13	7	0
Uttar Pradesh	Firozabad	26	0	0	5	21	0	0
	Unnao	12	0	6	6	0	0	0
	Moradabad	17	0	0	17	0	0	0
	Gajraula	17	0	0	17	0	0	0
	Raebareli	21	0	0	21	0	0	0
	Agra	15	0	0	9	3	1	2
Uttarakhand	Rishikesh	8	0	0	8	0	0	0
	Dehradun	6	0	0	5	1	0	0
	Haridwar	9	0	0	9	0	0	0
Total States = 10	Total Cities = 30	Total Number of AQI = 584	Good category covering 11 cities	Satisfactory category covering 18 cities	Moderate category covering 22 cities	Poor category covering 5 cities	Very poor category covering 3 city	Severe category covering 2 city
Total States = 10	Total Cities = 30		Number of AQI = 80	Number of AQI = 142	Number of AQI = 260	Number of AQI = 64	Number of AQI = 26	Number of AQI = 12

Summary Status of Air Quality Index (AQI) for the Month of April 2016

Sl. No. State	State/Union Territory	Sl. No. Cities	City	Data Receive for No. of Station	No of Observation/Daily AQI
1	Arunachal Pradesh	1	Itananagar	2	4
2	Delhi (UT)	2	Delhi	6	70
3	Himachal Pradesh	3	Shimla	2	23
		4	Sunder Nagar	2	22
		5	Manali	2	21
4	Karnataka	6	Dharwar, Hubli	2	16
		7	Mangalore	1	7
		8	Hassan	1	9
		9	Devanagere	3	26
		10	Raichur	1	8
		11	Chitradurga	1	8
		12	Shimoga	1	8
5	Madhya Pradesh	13	Bhopal	6	52
		14	Ujjain	3	20
		15	Dewas	3	22
6	Orissa	16	Rayagada	2	16
		17	Rourkela	1	8
		18	Berhampur	1	9
7	Puducherry (UT)	19	Karaikal	3	26
8	Rajasthan	20	Alwar	3	26
		21	Jaipur	6	52
9	Uttar Pradesh	22	Agra	2	15
		23	Firozabad	3	26
		24	Gajroula	2	17
		25	Moradabad	2	17
		26	Unnao	2	12
		27	Rai Bareli	3	21
10	Uttaranchal	28	Dehradun	1	6
		29	Rishikesh	1	8
		30	Haridwar	1	9
States = 10		Cities = 30		Location / AAQ Station = 69	Observation*/ AQI* numbers= 584

Note: - *-One observation means one AQI Calculated for daily ambient air quality data at one station. Several AQI are obtained from one station for several days.

National Air Quality Index

AQI	Possible Health impacts
Good (0–50)	Minimal Impact
Satisfactory (51–100)	Minor breathing discomfort to sensitive people
Moderate (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults
Poor (201–300)	Breathing discomfort to people on prolonged exposure
Very Poor (301–400)	Respiratory illness to the people on prolonged exposure
Severe (>400)	Respiratory effects even on healthy people

National Air Quality Index for 30 cities at 69 locations of India, April 2016

Monthly Bulletin of Ambient Air Quality through Manual monitoring system

Air Quality Index is a tool for effective communication of air quality status to people in terms, which are easy to understand. It transforms complex air quality data of various pollutants into a single number (index value), nomenclature and colour. There are six AQI categories, namely Good, Satisfactory, Moderately polluted, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQ sub-index and health breakpoints are evolved for eight pollutants (PM₁₀, PM_{2.5}, NO₂, SO₂, CO, O₃, NH₃, and Pb) for which short-term (upto 24-hours) National Ambient Air Quality Standards are prescribed. Based on the measured ambient concentrations of a pollutant, sub-index is calculated, which is a linear function of concentration (e.g. the sub-index for PM_{2.5} will be 51 at concentration 31 µg/m³, 100 at concentration 60 µg/m³ and 75 at concentration of 45 µg/m³). The worst sub-index determines the overall AQI.

Cities in different categories of AQI for the month of April:

Of the total 30 cities covered for calculation of AQI during April 2016, 11 cities revealed good air quality, 18 cities revealed satisfactory air quality, 22 cities revealed moderate air quality, 5 cities indicate poor air quality, 3 cities showed very poor air quality and 2 cities indicate severe air quality.

National Network:

At present, continuous air quality monitoring stations from 23 cities are connected to the web-based system. Efforts are being made to connect more cities, where continuous monitoring systems are operated by various State Pollution Control Boards (SPCBs). It is planned to strengthen the network of monitoring systems in all 46 cities having population more than a million and 20 State Capitals, and networking them to the central AQI portal, in phased manner. With regard to manual stations in the million plus cities (46 cities), SPCBs have been advised to use AQI calculator and publicize it with minimum time lag, as required for laboratory analysis. Central Pollution Control Board has initiated **National Air Quality Monitoring Programme (NAMP; manual monitoring system)** in the year 1984. Under NAMP, three air pollutants viz., Sulphur Dioxide (SO₂), Nitrogen Dioxide (NO₂) and Particulate Matter size equal to or less than 10 micron (PM₁₀), have been identified for regular monitoring at all the locations. The NAMP network presently comprises 614 operating monitoring stations located in 254 cities/towns in 29 states and 5 union territories across the country. National AQI bulletin was calculated for the month of April 2016 for 10 states covering 30 cities at 69 locations / ambient air quality monitoring stations with 584 AQI values. The status of the cities with respect to AQI during April 2016 is summarized below.

Overall AQI category-wise observation:

Of the total cities covered (30 cities), 14% of AQI value i.e. 80 AQI values in the country out of total 584 AQI values revealed good air quality and 24 % of AQI value i.e. 142 AQI values in the country showed satisfactory air quality where the predominant pollutant during those days was PM₁₀. Further, the data showed that 45 % of AQI value i.e. 260 AQI values in the country out of total 584 AQI values showed moderate air quality where the predominant pollutant during those days was PM₁₀ and 11% of AQI value i.e. 64 AQI values in the country out of total 584 AQI values showed poor air quality where the predominant pollutant during those days was PM₁₀. Of the total cities covered (30 cities), 4 % of AQI value i.e. 26 AQI values in the country of total 584 AQI values showed very poor air quality where the predominant pollutant during those days was PM₁₀ and PM_{2.5} 2 % of AQI value i.e. 12 AQI values in the country of total 584 AQI values showed severe air quality where the predominant pollutant during those days was PM₁₀.

Air Quality Index for the 30 cities during April 2016

AQI category	AQI	Color Code	Number of AQI values in different category		Pollutant-wise number of AQI values in AQI category			Possible Health Impacts
			No of AQI values	% of AQI values	PM10	PM2.5	NO2	
					No of AQI values	No of AQI values	No of AQI values	
Good	0-50		80	14	80	0	0	Minimal impact
Satisfactory	51-100		142	24	116	26	0	Minor breathing discomfort to sensitive people
Moderate	101-200		260	45	256	4	0	Breathing discomfort to the people with lungs, asthma and heart diseases
Poor	201-300		64	11	58	6	0	Breathing discomfort to most people on prolonged exposure
Very poor	301-400		26	4	19	7	0	Respiratory illness on prolonged exposure
Severe	401-500		12	2	11	1	0	Affects healthy people and seriously impacts those with existing diseases
Total AQI values			584	100	540	44	0	

Note: AQI calculated from 24 hourly data of a particular location.

Overall summary of possible health impacts:

The analysis of AQI values precisely indicating that 222 AQI values are falling in first two categories (good and satisfactory) of national AQI. A total of 38% of AQI values fall in good and satisfactory categories which indicates that the people in these areas suffer either minimal impact of the concentration of the pollutants or minor breathing discomfort for the sensitive people. The analysis of AQI values further expressing that 324 AQI values are falling in second two categories (moderate and poor) of national AQI. A total of 56% of AQI values fall in moderate and poor categories which indicates that the people in these areas may suffer from breathing discomfort to the people with lungs, asthma and heart diseases or to most people on prolonged exposure. The analysis of AQI values indicating that 38 AQI values are falling in third two categories (very poor and severe) of national AQI. A total of 6% of AQI values fall in very poor and severe categories which indicates that the people in these areas may suffer from respiratory illness on prolonged exposure Affects healthy people and seriously impacts those with existing diseases. It is pertinent to mention that impact of pollutants or air quality depends on the changes in lower atmospheric stability of the area and daily calculated index/sub-index of various pollutants along with period of exposure of pollutants to human being and the immunity status of the individuals.

Broad guidelines by Central Pollution Control Board for Public/Citizens of India

AQI is an initiative intended to enhance public awareness and involvement in efforts to improve air quality. People can contribute by maintaining vehicles properly (e.g. get PUC checks, replace car air filter, maintain right tyre pressure), following lane discipline & speed limits, avoiding prolong idling and turning off engines at red traffic signals. In addition to above, during severe or very poor AQI, people should minimize travel; avoid using private vehicles and instead use public transport, bikes or walk, and carpool; use smaller vehicles (e.g. avoid SUVs).

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State / City – wise Air Quality Index (AQI)
(Manual Monitoring under NAMP)

Status of AQI: Arunachal Pradesh
Cities covered: Itanagar during April 2016

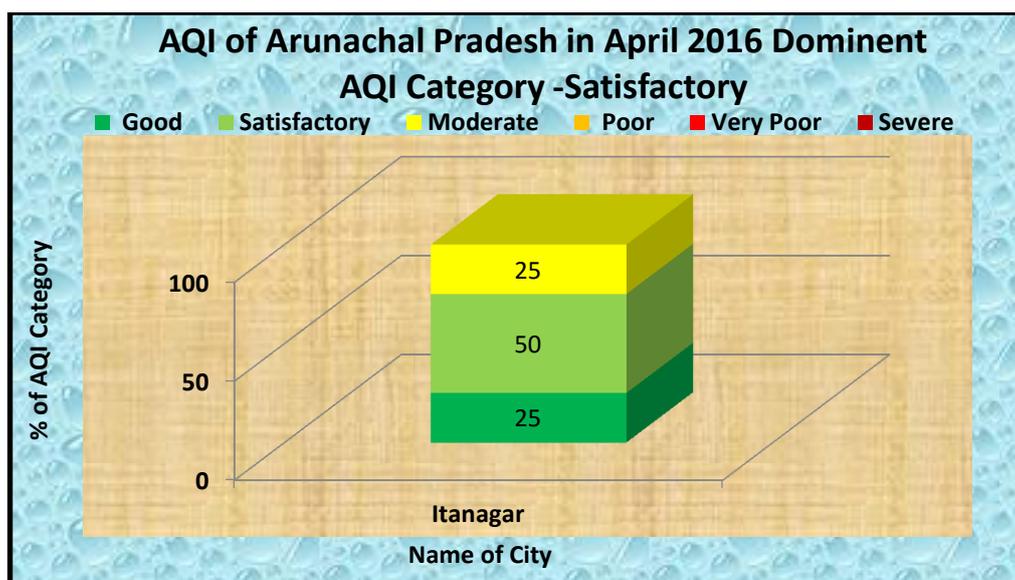
Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	APSPCB Office Building Naharlagun	Itanagar	Arunachal Pradesh	12.04.2016	30	Good	PM10
				26.04.2016	86	Satisfactory	PM10
2	PCCF's Office Compound Itanagar	Itanagar	Arunachal Pradesh	12.04.2016	61	Satisfactory	PM10
				26.04.2016	107	Moderate	PM10

No of cities : 1

No of locations : 2

Total no of observations : 4

The analysis of AQI values in Arunachal Pradesh during April 2016 indicates that 25% AQI values are falling in good category, 50% are in satisfactory category and 25% are in moderate category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



Status of AQI: Delhi State
City Delhi during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Pitampura	Delhi	Delhi	02.04.2016	143	Moderate	PM10
				05.04.2016	92	Satisfactory	PM10
				08.04.2016	101	Moderate	PM10
				11.04.2016	173	Moderate	PM10
				15.04.2016	245	Poor	PM10
				17.04.2016	186	Moderate	PM10
				19.04.2016	181	Moderate	PM10
				21.04.2016	195	Moderate	PM10
				23.04.2016	209	Poor	PM10
				25.04.2016	178	Moderate	PM10
				27.04.2016	239	Poor	PM10
29.04.2016	380	Very Poor	PM10				
2	Sirifort	Delhi	Delhi	06.04.2016	369	Very Poor	PM10
				09.04.2016	220	Poor	PM10
				12.04.2016	224	Poor	PM10
				16.04.2016	483	Severe	PM10
				18.04.2016	464	Severe	PM10
				20.04.2016	264	Poor	PM10
				22.04.2016	264	Poor	PM10
				24.04.2016	314	Very Poor	PM10
				26.04.2016	580	Severe	PM10
				28.04.2016	322	Very Poor	PM2.5
30.04.2016	733	Severe	PM10				
3	Janakpuri	Delhi	Delhi	01.04.2016	283	Poor	PM2.5
				04.04.2016	184	Moderate	PM10
				07.04.2016	193	Moderate	PM10
				13.04.2016	274	Poor	PM10
				16.04.2016	312	Very Poor	PM2.5
				18.04.2016	161	Moderate	PM10
				20.04.2016	317	Very Poor	PM2.5
				22.04.2016	303	Very Poor	PM2.5
				24.04.2016	358	Very Poor	PM2.5
				26.04.2016	313	Very Poor	PM2.5
				28.04.2016	391	Very Poor	PM10
30.04.2016	460	Severe	PM2.5				
4	Nizamuddin	Delhi	Delhi	02.04.2016	159	Moderate	PM10
				05.04.2016	165	Moderate	PM10
				08.04.2016	183	Moderate	PM2.5
				11.04.2016	253	Poor	PM2.5
				15.04.2016	302	Very Poor	PM2.5
				17.04.2016	266	Poor	PM10
				19.04.2016	247	Poor	PM2.5
				21.04.2016	313	Very Poor	PM10
				23.04.2016	247	Poor	PM2.5
				25.04.2016	290	Poor	PM2.5
				27.04.2016	257	Poor	PM2.5
29.04.2016	389	Very Poor	PM10				
5	Shahzada Bagh	Delhi	Delhi	06.04.2016	224	Poor	PM10
				09.04.2016	250	Poor	PM10
				12.04.2016	203	Poor	PM10
				16.04.2016	249	Poor	PM10
				18.04.2016	232	Poor	PM10

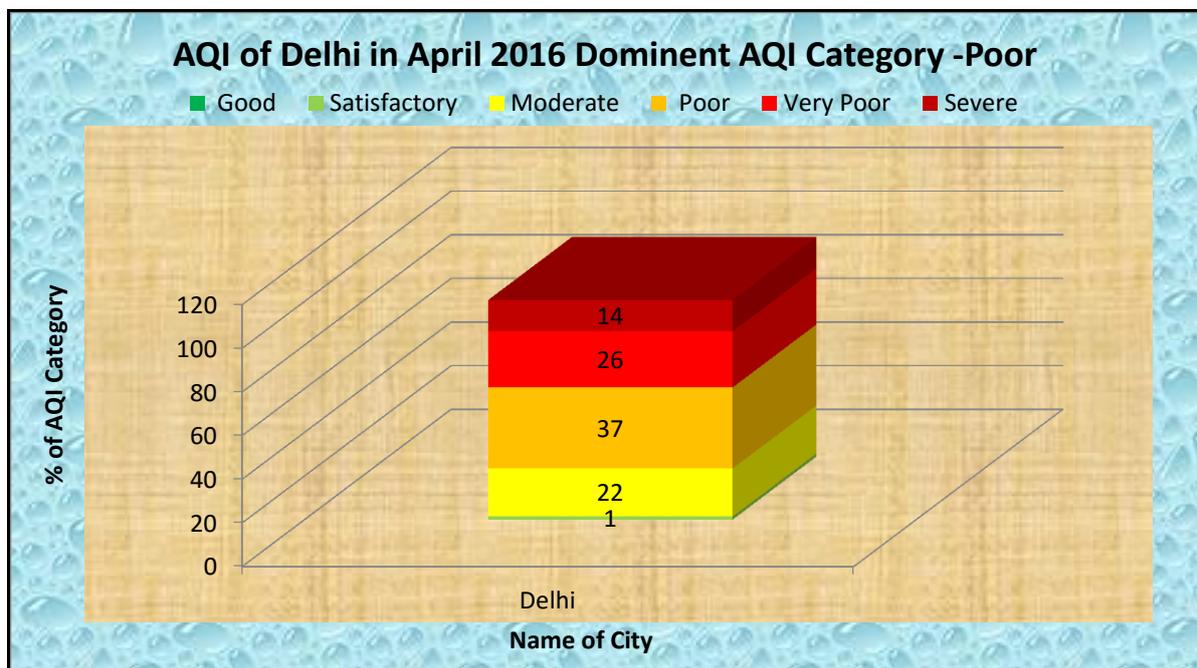
				20.04.2016	379	Very Poor	PM10
				22.04.2016	207	Poor	PM10
				24.04.2016	272	Poor	PM10
				26.04.2016	405	Severe	PM10
				28.04.2016	383	Very Poor	PM10
				30.04.2016	443	Severe	PM10
6	Shahdara	Delhi	Delhi	01.04.2016	222	Poor	PM10
				04.04.2016	197	Moderate	PM10
				07.04.2016	379	Very Poor	PM10
				13.04.2016	414	Severe	PM10
				15.04.2016	190	Moderate	PM10
				17.04.2016	247	Poor	PM10
				19.04.2016	739	Severe	PM10
				21.04.2016	226	Poor	PM10
				23.04.2016	398	Very Poor	PM10
				25.04.2016	280	Poor	PM10
				27.04.2016	346	Very Poor	PM10
				29.04.2016	415	Severe	PM10

No of cities : 1

No of locations : 6

Total no of observations : 70

The analysis of AQI values in Delhi during April 2016 indicates that 1% AQI values are falling in satisfactory category, 22% are in moderate, 37% are in poor, 26% are in very-poor and 14% are in severe category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.



Status of AQI: Himachal Pradesh

Cities covered: Manali, Shimla and Sunder Nagar during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Station No.- 1, Nehru Park, Manali	Manali	Himachal Pradesh	01.04.2016	54	Satisfactory	PM10
				08.04.2016	51	Satisfactory	PM10
				11.04.2016	18	Good	PM10
				13.04.2016	75	Satisfactory	PM10
				18.04.2016	45	Good	PM10
				20.04.2016	46	Good	PM10
				22.04.2016	41	Good	PM10
				25.04.2016	58	Satisfactory	PM10
				27.04.2016	60	Satisfactory	PM10
29.04.2016	77	Satisfactory	PM10				
2	Station No.- II, Hadimba Road, Manali	Manali	Himachal Pradesh	02.04.2016	50	Good	PM10
				05.04.2016	30	Good	PM10
				07.04.2016	22	Good	PM10
				12.04.2016	28	Good	PM10
				16.04.2016	33	Good	PM10
				19.04.2016	35	Good	PM10
				21.04.2016	30	Good	PM10
				23.04.2016	18	Good	PM10
				26.04.2016	52	Satisfactory	PM10
28.04.2016	45	Good	PM10				
30.04.2016	57	Satisfactory	PM10				
3	Station No.- 1, Office Building, Reg. Lab. HPSPCB, Sunder Nagar	Sunder Nagar	Himachal Pradesh	01.04.2016	80	Satisfactory	PM10
				04.04.2016	72	Satisfactory	PM10
				06.04.2016	70	Satisfactory	PM10
				08.04.2016	42	Good	PM10
				11.04.2016	63	Satisfactory	PM10
				13.04.2016	44	Good	PM10
				18.04.2016	49	Good	PM10
				20.04.2016	54	Satisfactory	PM10
				25.04.2016	127	Moderate	PM10
27.04.2016	123	Moderate	PM10				
29.04.2016	94	Satisfactory	PM10				
4	Station No.- 2, M.C. Office Building, Sunder Nagar	Sunder Nagar	Himachal Pradesh	02.04.2016	70	Satisfactory	PM10
				05.04.2016	75	Satisfactory	PM10
				07.04.2016	51	Satisfactory	PM10
				12.04.2016	113	Moderate	PM10
				16.04.2016	115	Moderate	PM10
				19.04.2016	98	Satisfactory	PM10
				21.04.2016	66	Satisfactory	PM10
				23.04.2016	83	Satisfactory	PM10
				26.04.2016	105	Moderate	PM10
28.04.2016	118	Moderate	PM10				
30.04.2016	92	Satisfactory	PM10				
5	Tekka Bench	Shimla	Himachal Pradesh	01.04.2016	52	Satisfactory	PM10
				04.04.2016	45	Good	PM10
				06.04.2016	42	Good	PM10
				08.04.2016	53	Satisfactory	PM10
				11.04.2016	64	Satisfactory	PM10
				13.04.2016	48	Good	PM10
				18.04.2016	31	Good	PM10
				20.04.2016	54	Satisfactory	PM10
22.04.2016	51	Satisfactory	PM10				

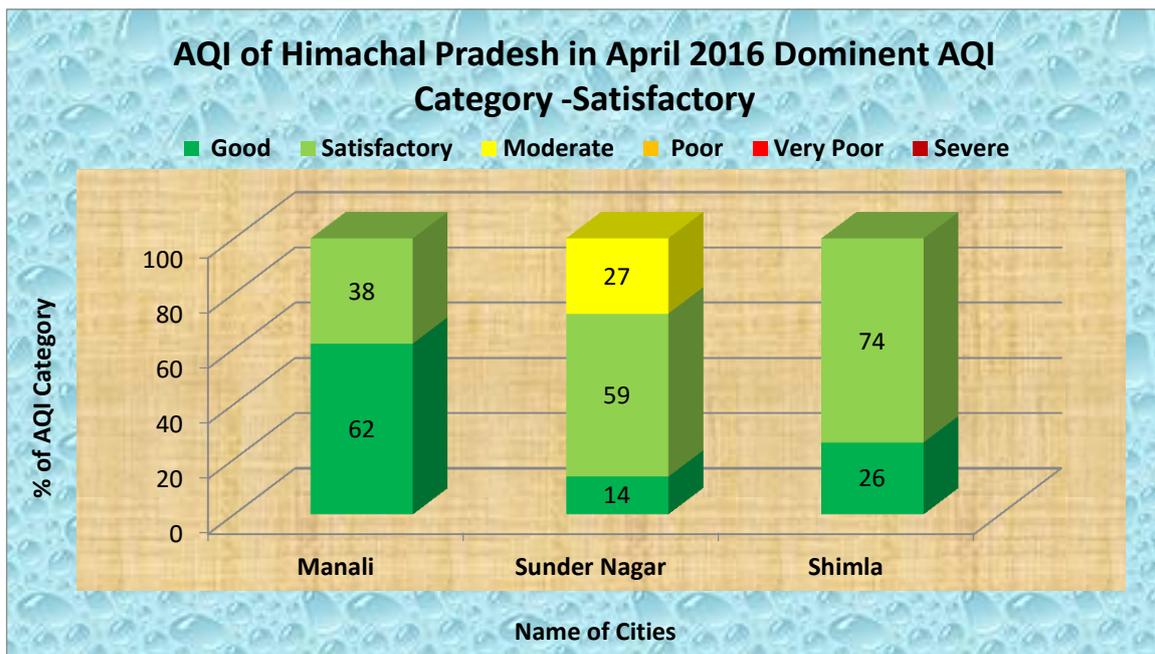
				25.04.2016	44	Good	PM10
				27.04.2016	49	Good	PM10
				29.04.2016	53	Satisfactory	PM10
6	Bus Stand	Shimla	Himachal Pradesh	02.04.2016	73	Satisfactory	PM10
				05.04.2016	60	Satisfactory	PM10
				07.04.2016	61	Satisfactory	PM10
				12.04.2016	62	Satisfactory	PM10
				16.04.2016	70	Satisfactory	PM10
				19.04.2016	72	Satisfactory	PM10
				21.04.2016	66	Satisfactory	PM10
				23.04.2016	70	Satisfactory	PM10
				26.04.2016	74	Satisfactory	PM10
				28.04.2016	74	Satisfactory	PM10
				30.04.2016	73	Satisfactory	PM10

No of cities : 3

No of locations : 6

Total no of observations : 66

The analysis of AQI values in Himachal Pradesh during April 2016 indicates that 33% AQI values are falling in good category 58% are in satisfactory and 9% are in moderate category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



Status of AQI: Karnataka State

Cities covered: Hubli /Dharwad, Hassan,

Mangalore, Chitradurga, Raichur, Devanagere and Shimaga during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Baikampady Industrial Area	Mangalore	Karnataka	01.04.2016	110	Moderate	PM2.5
				05.04.2016	75	Satisfactory	PM2.5
				12.04.2016	85	Satisfactory	PM2.5
				15.04.2016	73	Satisfactory	PM2.5
				20.04.2016	67	Satisfactory	PM2.5
				22.04.2016	52	Satisfactory	PM2.5
				26.04.2016	73	Satisfactory	PM2.5
2	Gokul Road opp. new Bus-stand Hubli	HUBLI	Karnataka	04.04.2016	117	Moderate	PM2.5
				07.04.2016	97	Satisfactory	PM2.5
				11.04.2016	110	Moderate	PM2.5
				14.04.2016	92	Satisfactory	PM10
				18.04.2016	94	Satisfactory	PM10
				21.04.2016	97	Satisfactory	PM10
				25.04.2016	94	Satisfactory	PM10
				28.04.2016	90	Satisfactory	PM10
3	Lakkamanahalli Ind. Area.	Dharwad	Karnataka	05.04.2016	86	Satisfactory	PM10
				07.04.2016	82	Satisfactory	PM2.5
				12.04.2016	97	Satisfactory	PM2.5
				14.04.2016	79	Satisfactory	PM10
				19.04.2016	81	Satisfactory	PM10
				21.04.2016	80	Satisfactory	PM10
				26.04.2016	79	Satisfactory	PM10
				28.04.2016	82	Satisfactory	PM2.5
4	K.S.P.C.B, Premises Office Building	Raichur	Karnataka	05.04.2016	103	Moderate	PM10
				07.04.2016	101	Moderate	PM10
				10.04.2016	105	Moderate	PM10
				12.04.2016	125	Moderate	PM10
				21.04.2016	91	Satisfactory	PM10
				25.04.2016	127	Moderate	PM10
				27.04.2016	118	Moderate	PM10
				29.04.2016	104	Moderate	PM10
5	VISL LTD.	Bhadravathi	Karnataka	04.04.2016	30	Good	PM10
				07.04.2016	63	Satisfactory	PM10
				11.04.2016	56	Satisfactory	PM10
				15.04.2016	43	Good	PM10
				18.04.2016	55	Satisfactory	PM10
				21.04.2016	37	Good	PM10
				26.04.2016	54	Satisfactory	PM10
				28.04.2016	49	Good	PM10
6	Regional Office Building KSPCB	Chitradurga	Karnataka	04.04.2016	43	Good	PM10
				07.04.2016	40	Good	PM10
				11.04.2016	65	Satisfactory	PM10
				13.04.2016	66	Satisfactory	PM10
				18.04.2016	43	Good	PM10
				21.04.2016	42	Good	PM10
				25.04.2016	63	Satisfactory	PM10
				29.04.2016	20	Good	PM10
7	Regional Office building KSPCB	Davangere	Karnataka	04.04.2016	57	Satisfactory	PM10
				07.04.2016	27	Good	PM10
				11.04.2016	57	Satisfactory	PM10
				16.04.2016	50	Good	PM10
				18.04.2016	57	Satisfactory	PM10
				22.04.2016	60	Satisfactory	PM10
				25.04.2016	47	Good	PM10
				28.04.2016	79	Satisfactory	PM10
8	Mothi Theatre, Gandhi Circle	Devangere	Karnataka	02.04.2016	144	Moderate	PM10
				05.04.2016	143	Moderate	PM10

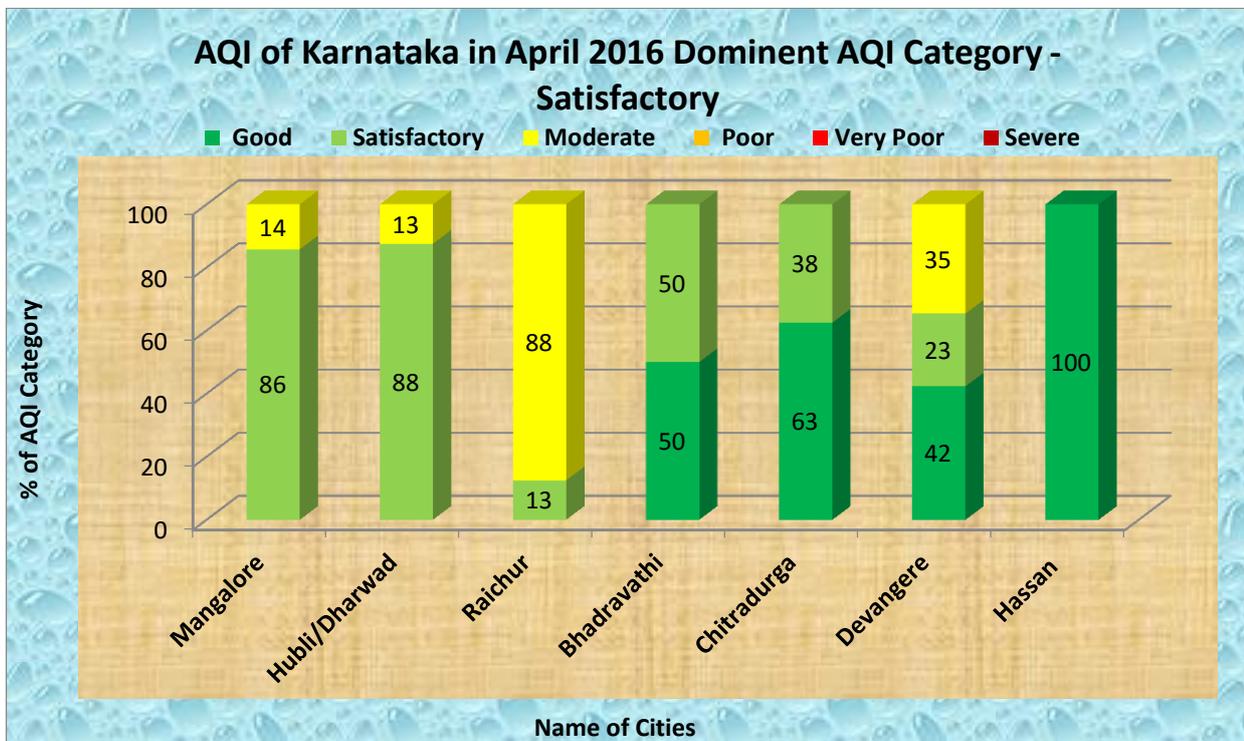
				07.04.2016	124	Moderate	PM10
				12.04.2016	173	Moderate	PM10
				16.04.2016	143	Moderate	PM10
				20.04.2016	167	Moderate	PM10
				22.04.2016	145	Moderate	PM10
				26.04.2016	117	Moderate	PM10
				29.04.2016	141	Moderate	PM10
9	HPF Intakewell	Davangere - Kumarapattnam	Karnataka	01.04.2016	40	Good	PM10
				04.04.2016	22	Good	PM10
				07.04.2016	34	Good	PM10
				11.04.2016	46	Good	PM10
				15.04.2016	37	Good	PM10
				18.04.2016	30	Good	PM10
				22.04.2016	46	Good	PM10
				25.04.2016	51	Satisfactory	PM10
10	KSPCB Office Building	Hassan	Karnataka	01.04.2016	26	Good	PM10
				04.04.2016	28	Good	PM10
				06.04.2016	26	Good	PM10
				12.04.2016	27	Good	PM10
				15.04.2016	27	Good	PM10
				20.04.2016	27	Good	PM10
				22.04.2016	26	Good	PM10
				26.04.2016	28	Good	PM10
				29.04.2016	26	Good	PM10

No of cities : 7

No of locations : 10

Total no of observations : 82

The analysis of AQI values in Karnataka during April 2016 indicates that 35% AQI values are falling in good category 41% are in satisfactory, 23% are in moderate category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.



Status of AQI: Madhya Pradesh State

Cities covered: Ujjain, Dewas, and Bhopal during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	SRO, MPPCB, Dewas M.P.	Dewas	Madhya Pradesh	01.04.2016	94	Satisfactory	PM10
				05.04.2016	97	Satisfactory	PM10
				08.04.2016	97	Satisfactory	PM10
				12.04.2016	98	Satisfactory	PM10
				15.04.2016	95	Satisfactory	PM10
				19.04.2016	93	Satisfactory	PM10
				22.04.2016	96	Satisfactory	PM10
				26.04.2016	96	Satisfactory	PM10
				29.04.2016	97	Satisfactory	PM10
2	M/s Gajra gear Ltd. Station road, Dewas M.P.	Dewas	Madhya Pradesh	02.04.2016	97	Satisfactory	PM10
				06.04.2016	99	Satisfactory	PM10
				09.04.2016	101	Moderate	PM10
				13.04.2016	94	Satisfactory	PM10
				16.04.2016	95	Satisfactory	PM10
				20.04.2016	94	Satisfactory	PM10
				23.04.2016	96	Satisfactory	PM10
				27.04.2016	96	Satisfactory	PM10
				30.04.2016	98	Satisfactory	PM10
3	M/s EID Parry (Parry Ware Roca) Pvt. Limited ,Dewas	Dewas	Madhya Pradesh	04.04.2016	97	Satisfactory	PM10
				21.04.2016	97	Satisfactory	PM10
				25.04.2016	97	Satisfactory	PM10
				28.04.2016	100	Satisfactory	PM10
4	Regional office M.P.Pollution Control Board	Ujjain	Madhya Pradesh	04.04.2016	74	Satisfactory	PM10
				07.04.2016	89	Satisfactory	PM10
				11.04.2016	85	Satisfactory	PM10
				14.04.2016	90	Satisfactory	PM10
				18.04.2016	93	Satisfactory	PM10
				21.04.2016	83	Satisfactory	PM10
				25.04.2016	90	Satisfactory	PM10
28.04.2016	81	Satisfactory	PM10				
5	District Industrial office	Ujjain	Madhya Pradesh	01.04.2016	141	Moderate	PM10
				05.04.2016	147	Moderate	PM10
				08.04.2016	134	Moderate	PM10
				12.04.2016	149	Moderate	PM10
				15.04.2016	139	Moderate	PM10
				19.04.2016	116	Moderate	PM10
				22.04.2016	127	Moderate	PM10
				26.04.2016	131	Moderate	PM10
				29.04.2016	118	Moderate	PM10
6	Mahakal Temple	Ujjain	Madhya Pradesh	23.04.2016	120	Moderate	PM10
				27.04.2016	113	Moderate	PM10

				30.04.2016	109	Moderate	PM10
7	C.E.P.T Govindpura, Bhopal	Bhopal	Madhya Pradesh	02.04.2016	131	Moderate	PM10
				04.04.2016	145	Moderate	PM10
				09.04.2016	145	Moderate	PM10
				11.04.2016	131	Moderate	PM10
				16.04.2016	135	Moderate	PM10
				18.04.2016	135	Moderate	PM10
				23.04.2016	149	Moderate	PM10
				25.04.2016	137	Moderate	PM10
				30.04.2016	157	Moderate	PM10
8	Mrignayani, Hamidia Road, Bhopal	Bhopal	Madhya Pradesh	05.04.2016	153	Moderate	PM10
				07.04.2016	149	Moderate	PM10
				12.04.2016	156	Moderate	PM10
				14.04.2016	150	Moderate	PM10
				19.04.2016	150	Moderate	PM10
				21.04.2016	151	Moderate	PM10
				26.04.2016	124	Moderate	PM10
				28.04.2016	135	Moderate	PM10
9	Paryavaran Parisar, E-5 Area Colony, Bhopal	Bhopal	Madhya Pradesh	01.04.2016	67	Satisfactory	PM10
				06.04.2016	67	Satisfactory	PM10
				08.04.2016	67	Satisfactory	PM10
				13.04.2016	60	Satisfactory	PM10
				15.04.2016	51	Satisfactory	PM10
				20.04.2016	59	Satisfactory	PM10
				22.04.2016	54	Satisfactory	PM10
				27.04.2016	42	Good	PM10
				29.04.2016	50	Good	PM10
10	Kolar Thana Kolar Road, Bhopal	Bhopal	Madhya Pradesh	01.04.2016	128	Moderate	PM10
				05.04.2016	145	Moderate	PM10
				08.04.2016	111	Moderate	PM10
				12.04.2016	122	Moderate	PM10
				15.04.2016	124	Moderate	PM10
				19.04.2016	126	Moderate	PM10
				22.04.2016	161	Moderate	PM10
				26.04.2016	112	Moderate	PM10
				29.04.2016	135	Moderate	PM10
11	AKVN Office, Industrial Area, Mandideep, Raisen	Bhopal	Madhya Pradesh	04.04.2016	163	Moderate	PM10
				07.04.2016	150	Moderate	PM10
				11.04.2016	142	Moderate	PM10
				14.04.2016	140	Moderate	PM10
				18.04.2016	157	Moderate	PM10
				21.04.2016	163	Moderate	PM10
				25.04.2016	137	Moderate	PM10
				28.04.2016	141	Moderate	PM10
12	Civil Hospital, Bairagrah,	Bhopal	Madhya Pradesh	02.04.2016	115	Moderate	PM10
				06.04.2016	136	Moderate	PM10

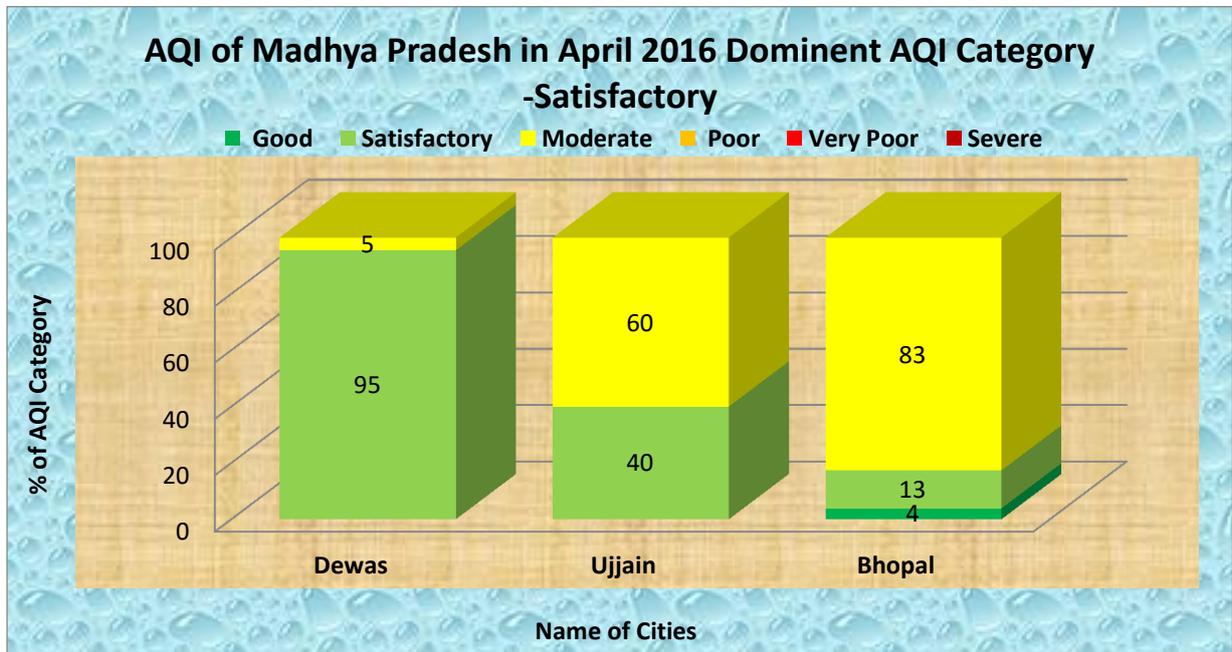
Bhopal	09.04.2016	106	Moderate	PM10
	13.04.2016	111	Moderate	PM10
	16.04.2016	116	Moderate	PM10
	20.04.2016	138	Moderate	PM10
	23.04.2016	131	Moderate	PM10
	27.04.2016	125	Moderate	PM10
	30.04.2016	115	Moderate	PM10

No of cities : 3

No of locations : 12

Total no of observations : 94

The analysis of AQI values in Madhya Pradesh during April 2016 indicates that 2% AQI values are falling in good category 38% are in satisfactory and 60% are in moderate category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.



Status of AQI: Odisha

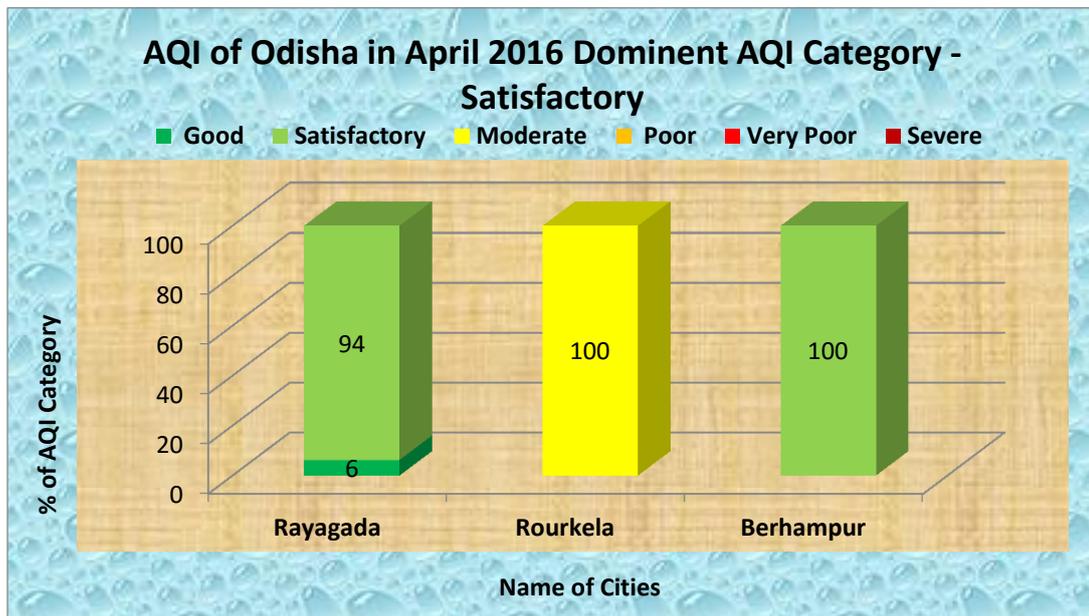
Cities covered: Rourkela, Rayagada and Berhampur during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Regional Office	Rayagada	Odisha	04.04.2016	57	Satisfactory	PM2.5
				07.04.2016	68	Satisfactory	PM2.5
				11.04.2016	63	Satisfactory	PM2.5
				14.04.2016	75	Satisfactory	PM2.5
				18.04.2016	67	Satisfactory	PM2.5
				21.04.2016	60	Satisfactory	PM2.5
				25.04.2016	67	Satisfactory	PM10
				28.04.2016	65	Satisfactory	PM2.5
2	LPS H.School	Jaykaypur	Odisha	05.04.2016	59	Satisfactory	PM10
				08.04.2016	82	Satisfactory	PM2.5
				12.04.2016	90	Satisfactory	PM2.5
				15.04.2016	77	Satisfactory	PM2.5
				19.04.2016	83	Satisfactory	PM2.5
				22.04.2016	80	Satisfactory	PM10
				26.04.2016	50	Good	PM10
				29.04.2016	56	Satisfactory	PM10
3	DISIR, Rajgangpur, Sundergarh	ROURKELA	Odisha	04.04.2016	197	Moderate	PM10
				07.04.2016	137	Moderate	PM10
				11.04.2016	163	Moderate	PM10
				15.04.2016	184	Moderate	PM10
				18.04.2016	143	Moderate	PM10
				21.04.2016	165	Moderate	PM10
				25.04.2016	153	Moderate	PM10
				28.04.2016	105	Moderate	PM10
4	Over Regional Office Building, Berhampur	Berhampur	Odisha	02.04.2016	55	Satisfactory	PM10
				05.04.2016	65	Satisfactory	PM10
				08.04.2016	58	Satisfactory	PM10
				12.04.2016	68	Satisfactory	PM2.5
				16.04.2016	73	Satisfactory	PM2.5

				19.04.2016	76	Satisfactory	PM10
				22.04.2016	75	Satisfactory	PM2.5
				26.04.2016	82	Satisfactory	PM2.5
				29.04.2016	87	Satisfactory	PM2.5

No of cities : 3
 No of locations : 4
 Total no of observations : 33

The analysis of AQI values in Odisha during April 2016 indicates that 3% AQI values are falling in good category 73% are in satisfactory, 24% are in moderate category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



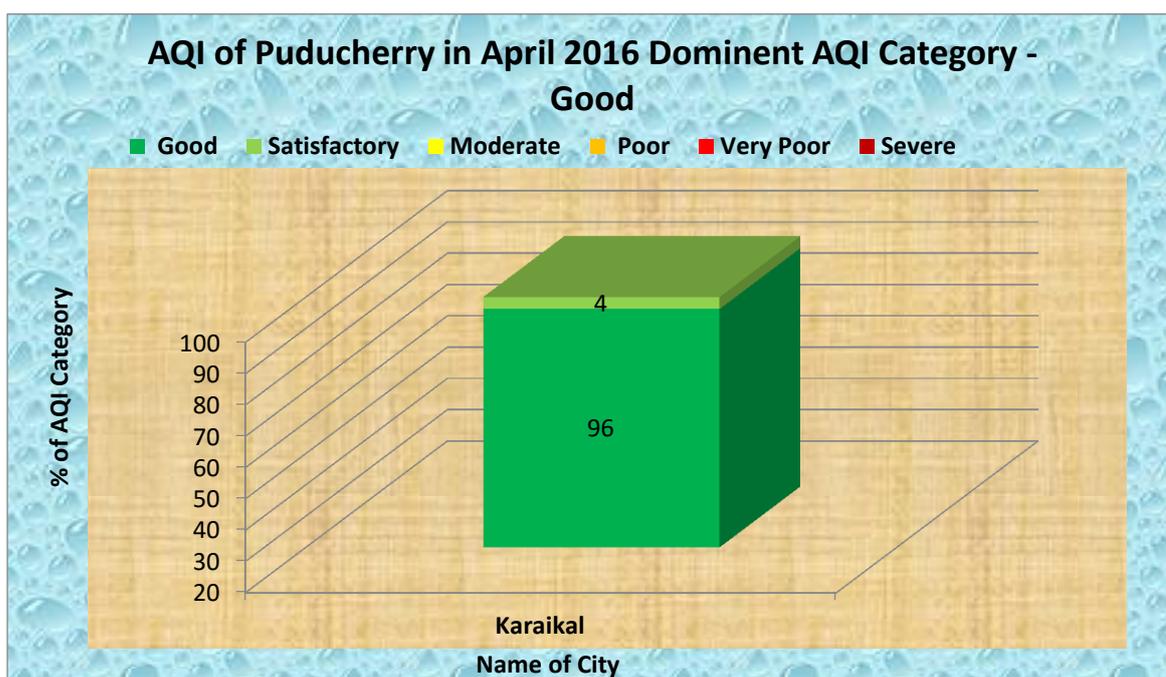
Status of AQI: Puducherry

Cities covered: Karaikal during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	B.Ed College	Karaikal	Puducherry	4/4/2016	29	Good	PM10
				4/7/2016	24	Good	PM10
				4/11/2016	22	Good	PM10
				4/14/2016	37	Good	PM10
				4/18/2016	17	Good	PM10
				4/21/2016	18	Good	PM10
				4/25/2016	34	Good	PM10
2	Tourist Home	Karaikal	Puducherry	4/28/2016	21	Good	PM10
				4/1/2016	37	Good	PM10
				4/5/2016	38	Good	PM10
				4/8/2016	26	Good	PM10
				4/12/2016	43	Good	PM10
				4/15/2016	34	Good	PM10
				4/19/2016	30	Good	PM10
				4/22/2016	35	Good	PM10
3	PPCL	Karaikal	Puducherry	4/26/2016	35	Good	PM10
				4/29/2016	32	Good	PM10
				4/2/2016	30	Good	PM10
				4/6/2016	49	Good	PM10
				4/9/2016	22	Good	PM10
				4/13/2016	45	Good	PM10
				4/16/2016	47	Good	PM10
				4/20/2016	44	Good	PM10
4/23/2016	65	Satisfactory	PM10				
4/27/2016	32	Good	PM10				
4/30/2016	29	Good	PM10				

No of cities : 1
 No of locations : 3
 Total no of observations : 26

The analysis of AQI values in Puducherry during April 2016 indicates that 96% AQI values are falling in good category 4% are in satisfactory category. This indicates that the people in these areas have Minimal Impact of air pollution.



Status of AQI: Rajasthan State

Cities covered: Alwar and Jaipur during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	RIICO PUMP HOUSE	Alwar	Rajasthan	01.04.2016	150	Moderate	PM10
				05.04.2016	145	Moderate	PM10
				08.04.2016	187	Moderate	PM10
				12.04.2016	132	Moderate	PM10
				15.04.2016	149	Moderate	PM10
				19.04.2016	153	Moderate	PM10
				22.04.2016	104	Moderate	PM10
				26.04.2016	138	Moderate	PM10
2	R.O.BUILDING	Alwar	Rajasthan	04.04.2016	135	Moderate	PM10
				07.04.2016	102	Moderate	PM10
				11.04.2016	151	Moderate	PM10
				14.04.2016	143	Moderate	PM10
				18.04.2016	139	Moderate	PM10
				21.04.2016	128	Moderate	PM10
				25.04.2016	145	Moderate	PM10
				28.04.2016	118	Moderate	PM10
3	GAURAV SOLVEX LTD	Alwar	Rajasthan	02.04.2016	153	Moderate	PM10
				06.04.2016	112	Moderate	PM10
				09.04.2016	132	Moderate	PM10
				13.04.2016	161	Moderate	PM10
				16.04.2016	174	Moderate	PM10
				20.04.2016	153	Moderate	PM10
				23.04.2016	176	Moderate	PM10
				27.04.2016	130	Moderate	PM10
4	Ajmeri Gate, Jaipur	Jaipur	Rajasthan	4/1/2016	136	Moderate	PM10
				4/5/2016	105	Moderate	PM10
				4/8/2016	143	Moderate	PM10
				4/12/2016	158	Moderate	PM10
				4/15/2016	159	Moderate	PM10
				4/19/2016	161	Moderate	PM10
				4/22/2016	147	Moderate	PM10
				4/26/2016	137	Moderate	PM10
4/29/2016	206	Poor	PM10				
5	Vishva Karma Ind Area, Jaipur	Jaipur	Rajasthan	4/2/2016	270	Poor	PM10
				4/6/2016	344	Very Poor	PM10
				4/9/2016	323	Very Poor	PM10
				4/13/2016	205	Poor	PM10
				4/16/2016	173	Moderate	PM10
				4/20/2016	329	Very Poor	PM10
				4/23/2016	309	Very Poor	PM10
				4/27/2016	300	Poor	PM10
4/30/2016	330	Very Poor	PM10				
6	Board Office Jhalana jaipur.	Jaipur	Rajasthan	4/4/2016	155	Moderate	PM10
				4/7/2016	113	Moderate	PM10
				4/11/2016	104	Moderate	PM10
				4/14/2016	105	Moderate	PM10
				4/18/2016	131	Moderate	PM10
				4/21/2016	103	Moderate	PM10
				4/25/2016	101	Moderate	PM10
				4/28/2016	101	Moderate	PM10
7	Chandpole, Jaipur.	Jaipur	Rajasthan	4/1/2016	252	Poor	PM10
				4/5/2016	132	Moderate	PM10
				4/8/2016	185	Moderate	PM10
				4/12/2016	229	Poor	PM10
				4/15/2016	194	Moderate	PM10

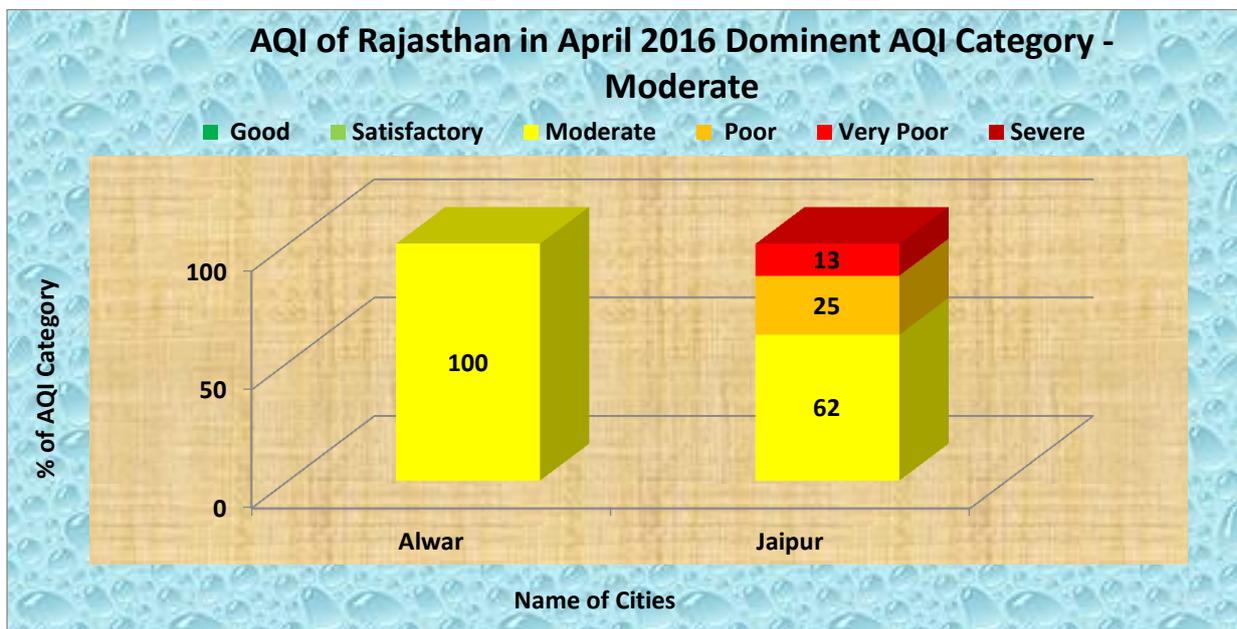
				4/19/2016	231	Poor	PM10
				4/22/2016	203	Poor	PM10
				4/26/2016	350	Very Poor	PM10
				4/29/2016	277	Poor	PM10
8	R.O,RPCB,Sikar Road,Jaipur.	Jaipur	Rajasthan	4/4/2016	293	Poor	PM10
				4/7/2016	167	Moderate	PM10
				4/11/2016	167	Moderate	PM10
				4/14/2016	353	Very Poor	PM10
				4/18/2016	282	Poor	PM10
				4/21/2016	289	Poor	PM10
				4/25/2016	169	Moderate	PM10
				4/28/2016	274	Poor	PM10
9	Malviya Ind Area, Jaipur.	Jaipur	Rajasthan	4/2/2016	123	Moderate	PM10
				4/6/2016	134	Moderate	PM10
				4/9/2016	108	Moderate	PM10
				4/13/2016	113	Moderate	PM10
				4/16/2016	119	Moderate	PM10
				4/20/2016	116	Moderate	PM10
				4/23/2016	120	Moderate	PM10
				4/27/2016	103	Moderate	PM10
				4/30/2016	105	Moderate	PM10

No of cities : 2

No of locations : 9

Total no of observations : 78

The analysis of AQI values in Rajasthan during April 2016 indicates that 74% AQI values are falling in moderate category 17% are in poor category and 9% are in Very-Poor category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.



Status of AQI: Uttar Pradesh
Cities covered: Gajraula, Moradabad,

Agra, Firozabad, Unnao and Raebareli during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	CDGI S.N.MARG	Firozabad	Uttar Pradesh	01.04.2016	230	Poor	PM10
				05.04.2016	203	Poor	PM10
				08.04.2016	202	Poor	PM10
				12.04.2016	245	Poor	PM10
				15.04.2016	225	Poor	PM10
				19.04.2016	197	Moderate	PM10
				22.04.2016	235	Poor	PM10
				26.04.2016	216	Poor	PM10
2	TILAK NAGAR	Firozabad	Uttar Pradesh	29.04.2016	230	Poor	PM10
				02.04.2016	234	Poor	PM10
				06.04.2016	224	Poor	PM10
				09.04.2016	239	Poor	PM10
				13.04.2016	215	Poor	PM10
				16.04.2016	165	Moderate	PM10
				20.04.2016	205	Poor	PM10
				23.04.2016	197	Moderate	PM10
3	RAKA KA TAL	Firozabad	Uttar Pradesh	27.04.2016	218	Poor	PM10
				30.04.2016	249	Poor	PM10
				04.04.2016	255	Poor	PM10
				07.04.2016	241	Poor	PM10
				11.04.2016	219	Poor	PM10
				14.04.2016	179	Moderate	PM10
				18.04.2016	212	Poor	PM10
				21.04.2016	203	Poor	PM10
4	Krishna Nagar, Unnao	UNNAO	Uttar Pradesh	25.04.2016	190	Moderate	PM10
				28.04.2016	220	Poor	PM10
				04.04.2016	95	Satisfactory	PM10
				07.04.2016	96	Satisfactory	PM10
				11.04.2016	95	Satisfactory	PM10
				18.04.2016	95	Satisfactory	PM10
5	I.I.A. Building,, Industrial Aea, Site-1, Unnao	UNNAO	Uttar Pradesh	25.04.2016	98	Satisfactory	PM10
				28.04.2016	87	Satisfactory	PM10
				01.04.2016	132	Moderate	PM10
				12.04.2016	131	Moderate	PM10
				19.04.2016	133	Moderate	PM10
				22.04.2016	127	Moderate	PM10
6	Buddh Bazar	Moradabad	Uttar Pradesh	26.04.2016	133	Moderate	PM10
				29.04.2016	127	Moderate	PM10
				04.04.2016	177	Moderate	PM10
				07.04.2016	176	Moderate	PM10
				11.04.2016	188	Moderate	PM10
				14.04.2016	184	Moderate	PM10
				18.04.2016	194	Moderate	PM10
				21.04.2016	189	Moderate	PM10
7	P.T.C.	Moradabad	Uttar Pradesh	25.04.2016	197	Moderate	PM10
				28.04.2016	185	Moderate	PM10
				01.04.2016	133	Moderate	PM10
				05.04.2016	132	Moderate	PM10
				08.04.2016	148	Moderate	PM10

				12.04.2016	161	Moderate	PM10
				15.04.2016	170	Moderate	PM10
				19.04.2016	161	Moderate	PM10
				22.04.2016	174	Moderate	PM10
				26.04.2016	180	Moderate	PM10
				29.04.2016	175	Moderate	PM10
8	I.Chawk	Gajraula	Uttar Pradesh	01.04.2016	177	Moderate	PM10
				05.04.2016	177	Moderate	PM10
				08.04.2016	195	Moderate	PM10
				12.04.2016	145	Moderate	PM10
				15.04.2016	189	Moderate	PM10
				19.04.2016	195	Moderate	PM10
				22.04.2016	148	Moderate	PM10
				26.04.2016	177	Moderate	PM10
29.04.2016	156	Moderate	PM10				
9	Raunaq	Gajraula	Uttar Pradesh	04.04.2016	181	Moderate	PM10
				07.04.2016	196	Moderate	PM10
				11.04.2016	169	Moderate	PM10
				14.04.2016	143	Moderate	PM10
				18.04.2016	151	Moderate	PM10
				21.04.2016	185	Moderate	PM10
				25.04.2016	166	Moderate	PM10
				28.04.2016	139	Moderate	PM10
10	Town Hall Colony Gulab Road Ahmad Nagar	Raebareilly	Uttar Pradesh	04.04.2016	129	Moderate	PM10
				11.04.2016	129	Moderate	PM10
				13.04.2016	133	Moderate	PM10
				18.04.2016	131	Moderate	PM10
				22.04.2016	132	Moderate	PM10
				25.04.2016	133	Moderate	PM10
28.04.2016	133	Moderate	PM10				
11	Khoya Mandi Tiraha Lucknow Road	Raebareli	Uttar Pradesh	04.04.2016	141	Moderate	PM10
				11.04.2016	139	Moderate	PM10
				13.04.2016	143	Moderate	PM10
				18.04.2016	141	Moderate	PM10
				22.04.2016	141	Moderate	PM10
				25.04.2016	140	Moderate	PM10
28.04.2016	160	Moderate	PM10				
12	Amawan Road Industrial Area	Raebareli	Uttar Pradesh	07.04.2016	141	Moderate	PM10
				12.04.2016	143	Moderate	PM10
				16.04.2016	142	Moderate	PM10
				19.04.2016	143	Moderate	PM10
				23.04.2016	143	Moderate	PM10
				26.04.2016	142	Moderate	PM10
29.04.2016	143	Moderate	PM10				
13	Regional Office, Bodla, Agra	Agra	Uttar Pradesh	07.04.2016	140	Moderate	PM10
				11.04.2016	178	Moderate	PM10
				13.04.2016	197	Moderate	PM10
				18.04.2016	185	Moderate	PM10
				23.04.2016	163	Moderate	PM10
				25.04.2016	161	Moderate	PM10
28.04.2016	179	Moderate	PM10				
14	Nunhai, Indurial Area, Agra	Agra	Uttar Pradesh	01.04.2016	195	Moderate	PM10
				06.04.2016	234	Poor	PM10
				12.04.2016	171	Moderate	PM10
				18.04.2016	433	Severe	PM10
				20.04.2016	294	Poor	PM10
				22.04.2016	242	Poor	PM10

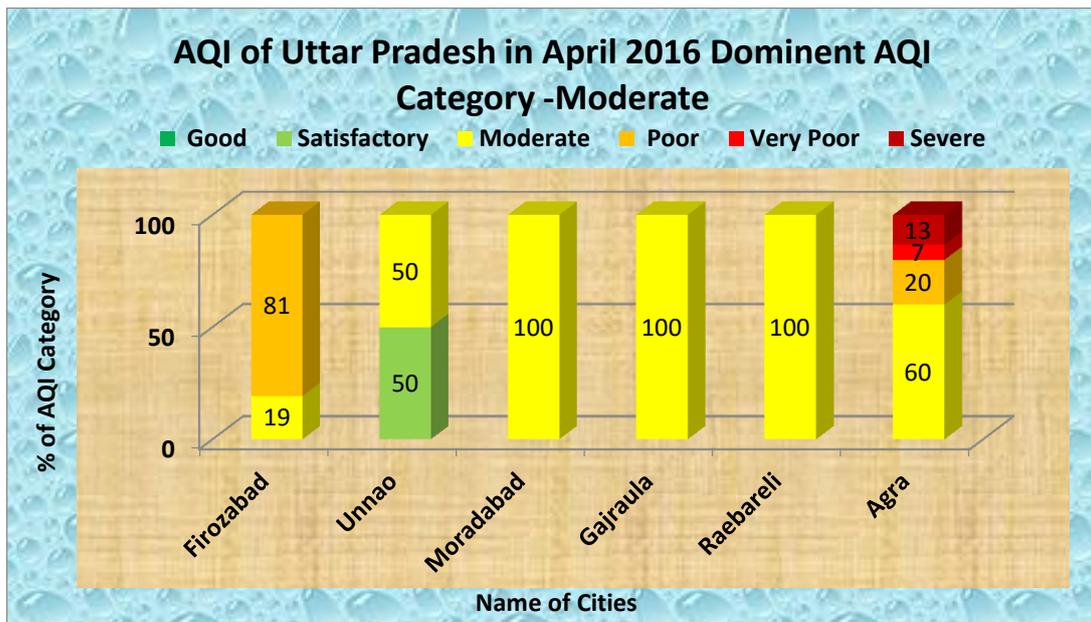
				26.04.2016	306	Very Poor	PM10
				29.04.2016	414	Severe	PM10

No of cities : 6

No of locations : 14

Total no of observations : 108

The analysis of AQI values in Uttar Pradesh during April 2016 indicates that 6% AQI values are falling in Satisfactory category, 69% are in moderate 22% are in poor, 1% are in very-poor and 2% are in severe category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.



Status of AQI: Uttrakhand State

Cities covered: Rishikesh, Haridwar and Dehradun during April 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Nagar Palika Parishad	Rishikesh	Uttrakhand	04.04.2016	133	Moderate	PM10
				07.04.2016	124	Moderate	PM10
				12.04.2016	131	Moderate	PM10
				15.04.2016	131	Moderate	PM10
				21.04.2016	151	Moderate	PM10
				25.04.2016	146	Moderate	PM10
				28.04.2016	143	Moderate	PM10
30.04.2016	158	Moderate	PM10				
2	B.S.N.L Building, Clock Tower	Dehradun	Uttrakhand	06.04.2016	172	Moderate	PM10
				11.04.2016	153	Moderate	PM10
				18.04.2016	175	Moderate	PM10
				21.04.2016	245	Poor	PM10
				27.04.2016	149	Moderate	PM10
30.04.2016	185	Moderate	PM10				
3	SIDCUL Haridwar	Haridwar	Uttrakhand	02.04.2016	123	Moderate	PM10
				04.04.2016	132	Moderate	PM10
				07.04.2016	122	Moderate	PM10
				11.04.2016	119	Moderate	PM10
				13.04.2016	124	Moderate	PM10
				18.04.2016	135	Moderate	PM10
				21.04.2016	124	Moderate	PM10
				25.04.2016	134	Moderate	PM10
28.04.2016	143	Moderate	PM10				

No of cities : 3

No of locations : 3

Total no of observations : 23

The analysis of AQI values in Uttrakhand during April 2016 indicates that 96% AQI values are falling in Moderate category, 4% are in poor category. This indicates that the people in these areas have breathing discomfort for the sensitive people, people with lung, heart disease, children and older adults.

