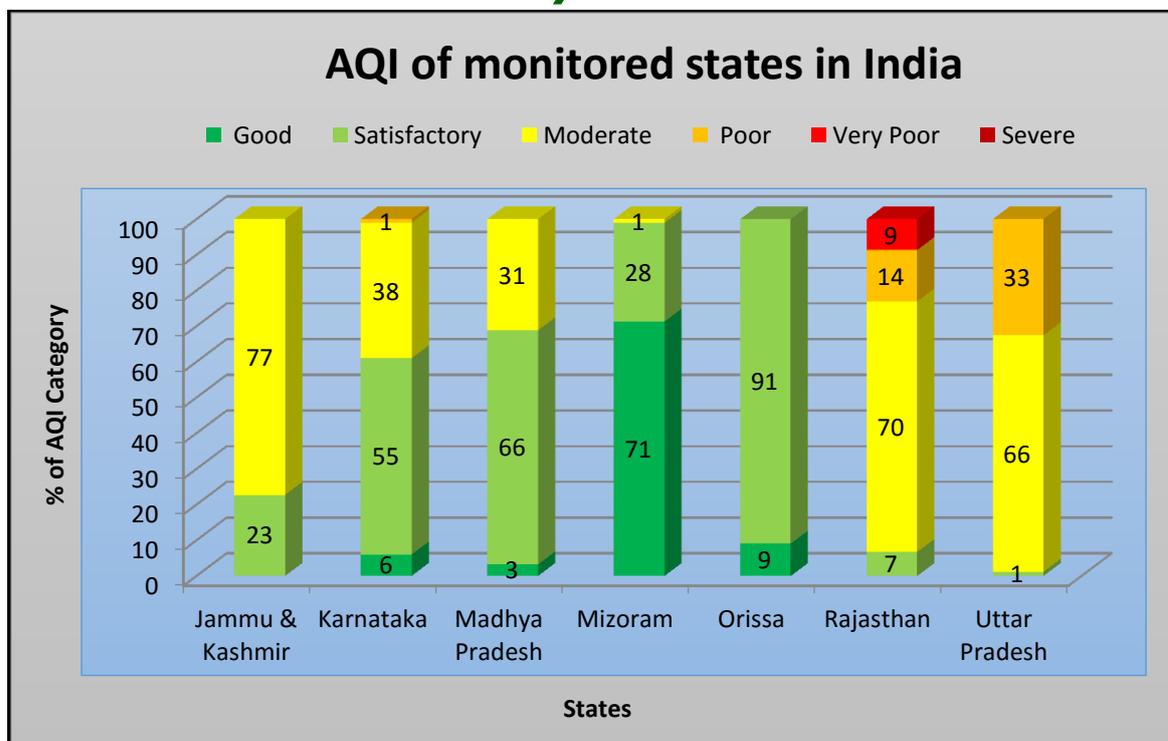


National Air Quality Index

*National Air Quality Index for 24 cities at 70 locations,
May 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**

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June 2016

Status of Category-wise numbers of AQI in cities during May 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)
Jammu & Kashmir	Jammu	22	0	5	17	0	0	0
Karnataka	Hubli/Dharwad	18	0	18	0	0	0	0
	Bengaluru	55	1	24	29	1	0	0
	Kolar	9	2	7	0	0	0	0
	Tumakuru	9	0	1	8	0	0	0
	Raichur	9	3	5	1	0	0	0
Madhya Pradesh	Nagda	26	0	26	0	0	0	0
	Dewas	25	0	23	2	0	0	0
	Bhopal	52	5	7	40	0	0	0
	Indore	26	0	22	4	0	0	0
	singrauli	25	0	23	2	0	0	0
Mizoram	Aizawl	44	21	22	1	0	0	0
	Champhai	18	15	3	0	0	0	0
	Kolasib	18	18	0	0	0	0	0
	Lunglei	14	13	1	0	0	0	0
Orissa	Rayagada	18	3	15	0	0	0	0
	Cuttack	26	1	25	0	0	0	0
Rajasthan	Jaipur	52	0	1	28	15	8	0
	Alwar	26	0	2	23	0	1	0
	Kota	26	0	4	22	0	0	0
Uttar Pradesh	Ghaziabad	17	0	1	14	2	0	0
	Firozabad	26	0	0	17	9	0	0
	Allahabad	26	0	0	14	12	0	0
	Agra	17	0	0	12	5	0	0
Total States = 7	Total Cities = 24	Total Number of AQI = 604	Good category covering 10 cities	Satisfactory category covering 20 cities	Moderate category covering 16 cities	Poor category covering 6 cities	Very poor category covering 2 city	Severe category covering 0 city
Total States = 7	Total Cities = 24		Number of AQI = 82	Number of AQI = 235	Number of AQI = 234	Number of AQI = 44	Number of AQI = 9	Number of AQI = 0

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

Sl. No. State	State/Union Territory	Sl. No. Cities	City	Data Receive for No. of Station	No of Observation/Daily AQI
1	Jammu& Kashmir	1	Jammu	3	22
2	Karnataka	2	Bangalore	6	55
		3	Dharwar, Hubli	2	18
		4	Raichur	1	9
		5	Kolar	1	9
		6	Tumkar	1	9
3	Madhya Pradesh	7	Bhopal	6	52
		8	Indore	3	26
		9	Nagda	3	26
		10	Singrauli	3	25
		11	Dewas	3	25
4	Mizoram	12	Aizwal	5	44
		13	Lunglei	2	14
		14	Kolasib	2	18
		15	Champhai	2	18
5	Orissa	16	Rayagada	2	18
		17	Cuttack	3	26
6	Rajasthan	18	Alwar	3	26
		19	Jaipur	6	52
		20	Kota	3	26
7	Uttar Pradesh	21	Agra	2	17
		22	Allahabad	3	26
		23	Firozabad	3	26
		24	Ghaziabad	2	17
States = 7		Cities = 24		Location / AAQ Station = 70	Observation*/AQI* numbers= 604

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 24 cities at 70 locations of India, May 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 May:

Of the total 24 cities covered for calculation of AQI during May 2016, 10 cities revealed good air quality, 20 cities revealed satisfactory air quality, 16 cities revealed moderate air quality, 6 cities indicate poor air quality, 2 cities showed very poor 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 621 operating monitoring stations located in 262 cities/towns in 29 states and 5 union territories across the country. National AQI bulletin was calculated for the month of May 2016 for 7 states covering 24 cities at 70 locations / ambient air quality monitoring stations with 604 AQI values. The status of the cities with respect to AQI during May 2016 is summarized below.

Overall AQI category-wise observation:

Of the total cities covered (24 cities), 14% of AQI value i.e. 82 AQI values in the country out of total 604 AQI values revealed good air quality and 39 % of AQI value i.e. 235 AQI values in the country showed satisfactory air quality where the predominant pollutant during those days was PM₁₀ and PM_{2.5}. Further, the data showed that 39 % of AQI value i.e. 234 AQI values in the country out of total 604 AQI values showed moderate air quality where the predominant pollutant during those days was PM₁₀ and 7% of AQI value i.e. 44 AQI values in the country out of total 604 AQI values showed poor air quality where the predominant pollutant during those days was PM₁₀. Of the total cities covered (24 cities), 1 % of AQI value i.e. 9 AQI values in the country of total 604 AQI values showed very poor air quality where the predominant pollutant during those days was PM₁₀.

Air Quality Index for the 24 cities during May 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		82	14	79	3	0	Minimal impact
Satisfactory	51-100		235	39	202	33	0	Minor breathing discomfort to sensitive people
Moderate	101-200		234	39	225	9	0	Breathing discomfort to the people with lungs, asthma and heart diseases
Poor	201-300		44	7	43	1	0	Breathing discomfort to most people on prolonged exposure
Very poor	301-400		9	1	9	0	0	Respiratory illness on prolonged exposure
Severe	401-500		0	0	0	0	0	Affects healthy people and seriously impacts those with existing diseases
Total AQI values			604	100	558	46	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 317 AQI values are falling in first two categories (good and satisfactory) of national AQI. A total of 53% 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 278 AQI values are falling in second two categories (moderate and poor) of national AQI. A total of 46% 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 9 AQI values are falling in third two categories (very poor and severe) of national AQI. A total of 1% 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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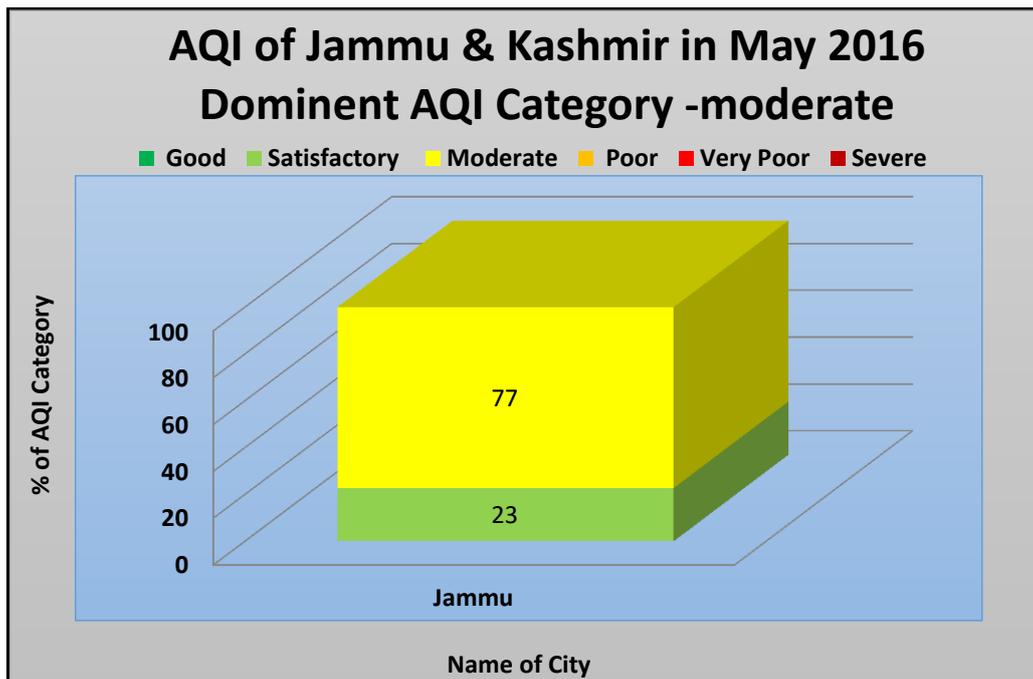
State / City – wise Air Quality Index (AQI)
(Manual Monitoring under NAMP)

Status of AQI: Jammu & Kashmir
City covered: Jammu during May 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Jammu	Jammu	Jammu & Kashmir	04/05/2016	108	Moderate	PM10
				11/05/2016	109	Moderate	PM10
				12/05/2016	113	Moderate	PM10
				18/05/2016	95	Satisfactory	PM10
				19/05/2016	87	Satisfactory	PM10
				25/05/2016	108	Moderate	PM10
				26/05/2016	110	Moderate	PM10
2	Jammu	Jammu	Jammu & Kashmir	06/05/2016	104	Moderate	PM10
				07/05/2016	118	Moderate	PM10
				13/05/2016	124	Moderate	PM10
				14/05/2016	97	Satisfactory	PM10
				20/05/2016	112	Moderate	PM10
				27/05/2016	110	Moderate	PM10
				28/05/2016	103	Moderate	PM10
3	Jammu	Jammu	Jammu & Kashmir	02/05/2016	121	Moderate	PM10
				03/05/2016	99	Satisfactory	PM10
				09/05/2016	109	Moderate	PM10
				10/05/2016	88	Satisfactory	PM10
				16/05/2016	110	Moderate	PM10
				17/05/2016	110	Moderate	PM10
				23/05/2016	107	Moderate	PM10
				24/05/2016	105	Moderate	PM10

No of cities : 1
 No of locations : 3
 Total no of observations : 22

The analysis of AQI values in Jammu & Kashmir during May 2016 indicates that 23% AQI values are falling in satisfactory category and 77% 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: Karnataka State

Cities covered: Hubli /Dharwad, Raichur, Kolar, Tumakuru and Bengaluru during May 2016

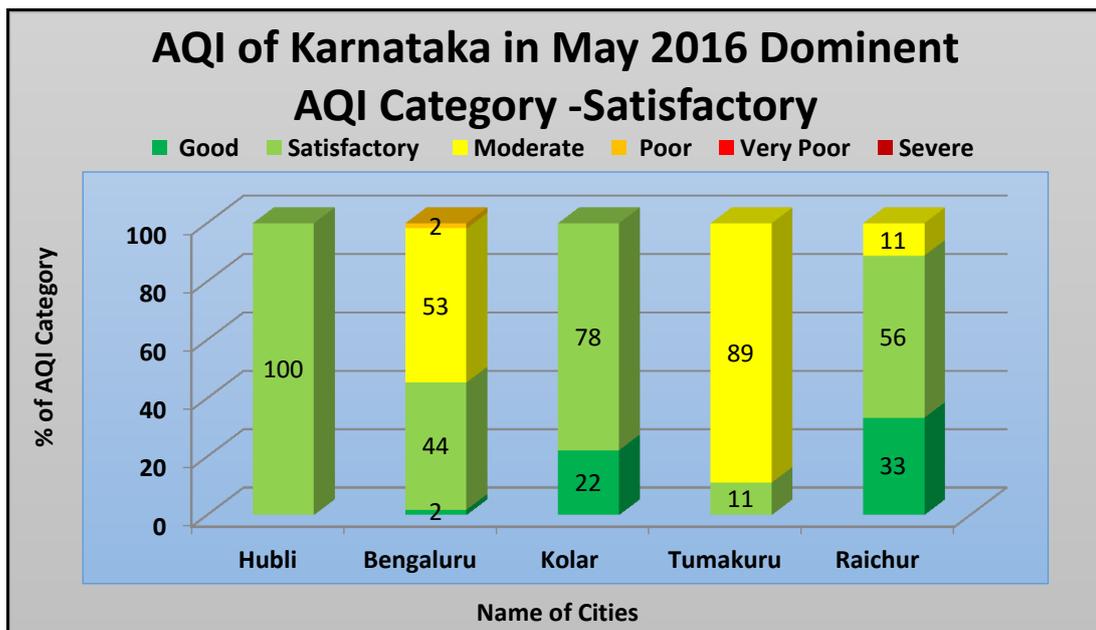
Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Gokul Road opp. new Bus-stand Hubli	Hubli/Dharwad	Karnataka	02/05/2016	88	Satisfactory	PM10
				05/05/2016	94	Satisfactory	PM10
				09/05/2016	92	Satisfactory	PM10
				12/05/2016	94	Satisfactory	PM10
				16/5/2016	89	Satisfactory	PM10
				19/5/2016	96	Satisfactory	PM10
				23/5/2016	97	Satisfactory	PM10
				26/5/2016	92	Satisfactory	PM10
				30/5/2016	96	Satisfactory	PM10
2	Lakkamanahalli Ind. Area.	Hubli/Dharwad	Karnataka	03/05/2016	76	Satisfactory	PM10
				05/05/2016	78	Satisfactory	PM10
				10/05/2016	82	Satisfactory	PM10
				12/05/2016	74	Satisfactory	PM10
				17/5/2016	79	Satisfactory	PM10
				19/5/2016	76	Satisfactory	PM10
				24/5/2016	82	Satisfactory	PM10
				26/5/2016	78	Satisfactory	PM10
				31/5/2016	74	Satisfactory	PM10
3	M/s. Export Promotion Industrial Park ITPL, W.F.Road.	Bengaluru	Karnataka	05/03/2016	127	Moderate	PM10
				05/05/2016	122	Moderate	PM10
				05/11/2016	137	Moderate	PM2.5
				05/13/2016	103	Moderate	PM10
				05/17/2016	217	Poor	PM2.5
				05/21/2016	137	Moderate	PM10
				05/24/2016	77	Satisfactory	PM10
				05/28/2016	87	Satisfactory	PM10
4	AMCO Batteries, Mysore Road.	Bengaluru	Karnataka	05/03/2016	133	Moderate	PM10
				05/05/2016	153	Moderate	PM2.5
				05/07/2016	167	Moderate	PM2.5
				05/11/2016	104	Moderate	PM10
				05/13/2016	143	Moderate	PM2.5
				05/17/2016	142	Moderate	PM10
				05/20/2016	111	Moderate	PM10
				05/24/2016	110	Moderate	PM10
				05/27/2016	167	Moderate	PM2.5
				05/31/2016	144	Moderate	PM10
5	KHB Industrial Area Yelahanka	Bengaluru	Karnataka	05/03/2016	98	Satisfactory	PM10
				05/05/2016	72	Satisfactory	PM10
				05/07/2016	73	Satisfactory	PM10
				05/11/2016	99	Satisfactory	PM10
				05/13/2016	77	Satisfactory	PM10
				05/17/2016	63	Satisfactory	PM10

				05/19/2016	43	Good	PM10
				05/21/2016	75	Satisfactory	PM10
				05/24/2016	52	Satisfactory	PM10
				05/26/2016	60	Satisfactory	PM10
				05/28/2016	67	Satisfactory	PM10
				05/31/2016	62	Satisfactory	PM10
6	Swan Silk Ltd., No. 107, III Phase, Peenya Ind. Area.	Bengaluru	Karnataka	05/04/2016	139	Moderate	PM10
				05/06/2016	114	Moderate	PM10
				05/11/2016	82	Satisfactory	PM10
				05/13/2016	102	Moderate	PM10
				05/20/2016	63	Satisfactory	PM10
				05/22/2016	62	Satisfactory	PM10
				05/26/2016	54	Satisfactory	PM10
7	Victoria Hospital, K.R.Market.	Bengaluru	Karnataka	05/03/2016	82	Satisfactory	PM10
				05/05/2016	112	Moderate	PM10
				05/11/2016	81	Satisfactory	PM10
				05/13/2016	123	Moderate	PM2.5
				05/17/2016	110	Moderate	PM10
				05/19/2016	71	Satisfactory	PM10
				05/26/2016	92	Satisfactory	PM2.5
				05/28/2016	110	Moderate	PM10
8	Yeswanthapura Police Station, Yeswanthapura.	Bengaluru	Karnataka	05/04/2016	101	Moderate	PM10
				05/05/2016	102	Moderate	PM10
				05/12/2016	106	Moderate	PM10
				05/13/2016	80	Satisfactory	PM2.5
				05/18/2016	107	Moderate	PM2.5
				05/20/2016	149	Moderate	PM10
				05/27/2016	102	Moderate	PM10
				05/28/2016	90	Satisfactory	PM10
9	KSPCB Office Premises, Tamaka Ind. Area, Bethamangala Road	Kolar	Karnataka	05/04/2016	97	Satisfactory	PM2.5
				05/05/2016	77	Satisfactory	PM2.5
				05/11/2016	62	Satisfactory	PM2.5
				05/12/2016	55	Satisfactory	PM2.5
				05/18/2016	50	Good	PM2.5
				05/19/2016	65	Satisfactory	PM2.5
				05/25/2016	72	Satisfactory	PM2.5
				05/26/2016	63	Satisfactory	PM2.5
10	KSPCB Premises, Antharasanahalli Ind. Area, Sira Road	Tumakuru	Karnataka	05/04/2016	122	Moderate	PM10
				05/07/2016	120	Moderate	PM10
				05/11/2016	119	Moderate	PM10
				05/13/2016	87	Satisfactory	PM10
				05/18/2016	127	Moderate	PM10
				05/21/2016	127	Moderate	PM10

				05/25/2016	146	Moderate	PM10
				05/28/2016	138	Moderate	PM10
				05/31/2016	150	Moderate	PM10
11	Office Building	Raichur	Karnataka	05/04/2016	77	Satisfactory	PM10
				05/06/2016	62	Satisfactory	PM10
				05/10/2016	98	Satisfactory	PM10
				05/12/2016	57	Satisfactory	PM2.5
				05/16/2016	39	Good	PM10
				05/20/2016	43	Good	PM10
				05/22/2016	101	Moderate	PM10
				05/28/2016	60	Satisfactory	PM2.5
				05/30/2016	40	Good	PM2.5

No of cities : 5
 No of locations : 11
 Total no of observations : 100

The analysis of AQI values in Karnataka during May 2016 indicates that 6% AQI values are falling in good category 55% are in satisfactory, 38% are in moderate and 1% are in poor category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



Status of AQI: Madhya Pradesh

Cities covered: Bhopal, Indore, Dewas, Nagda and Singrauli during May 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Chemical Division Labour Club Nagda	Nagda	Madhya Pradesh	02.05.2016	58	Satisfactory	PM10
				05.05.2016	61	Satisfactory	PM10
				09.05.2016	56	Satisfactory	PM10
				12.05.2016	64	Satisfactory	PM10
				16.05.2016	64	Satisfactory	PM2.5
				19.05.2016	63	Satisfactory	PM10
				23.05.2016	60	Satisfactory	PM10
				26.05.2016	58	Satisfactory	PM10
				30.05.2016	56	Satisfactory	PM10
2	Grasim Kalyan Kendra Nagda	Nagda	Madhya Pradesh	03.05.2016	66	Satisfactory	PM10
				06.05.2016	63	Satisfactory	PM10
				10.05.2016	67	Satisfactory	PM10
				13.05.2016	69	Satisfactory	PM10
				17.05.2016	68	Satisfactory	PM10
				20.05.2016	73	Satisfactory	PM10
				24.05.2016	64	Satisfactory	PM10
				27.05.2016	70	Satisfactory	PM10
31.05.2016	57	Satisfactory	PM10				
3	Grasim Guest House No.2 Nagda	Nagda	Madhya Pradesh	04.05.2016	56	Satisfactory	PM10
				07.05.2016	56	Satisfactory	PM2.5
				11.05.2016	60	Satisfactory	PM10
				14.05.2016	55	Satisfactory	PM10
				18.05.2016	58	Satisfactory	PM10
				21.05.2016	62	Satisfactory	PM10
				25.05.2016	59	Satisfactory	PM10
28.05.2016	57	Satisfactory	PM10				
4	SRO,MPPCB, Dewas M.P.	Dewas	Madhya Pradesh	03.05.2016	94	Satisfactory	PM10
				06.05.2016	95	Satisfactory	PM10
				10.05.2016	92	Satisfactory	PM10
				13.05.2016	96	Satisfactory	PM10
				17.05.2016	95	Satisfactory	PM10
				24.05.2016	95	Satisfactory	PM10
				27.05.2016	97	Satisfactory	PM10
				31.05.2016	95	Satisfactory	PM10
5	M/s Gajra gear Ltd. Station road, Dewas M.P.	Dewas	Madhya Pradesh	04.05.2016	97	Satisfactory	PM10
				07.05.2016	100	Satisfactory	PM10
				11.05.2016	99	Satisfactory	PM10
				14.05.2016	100	Satisfactory	PM10
				18.05.2016	97	Satisfactory	PM10
				21.05.2016	98	Satisfactory	PM10
				25.05.2016	96	Satisfactory	PM10
				28.05.2016	97	Satisfactory	PM10
6	M/s EID Parry	Dewas	Madhya	02.05.2016	101	Moderate	PM10

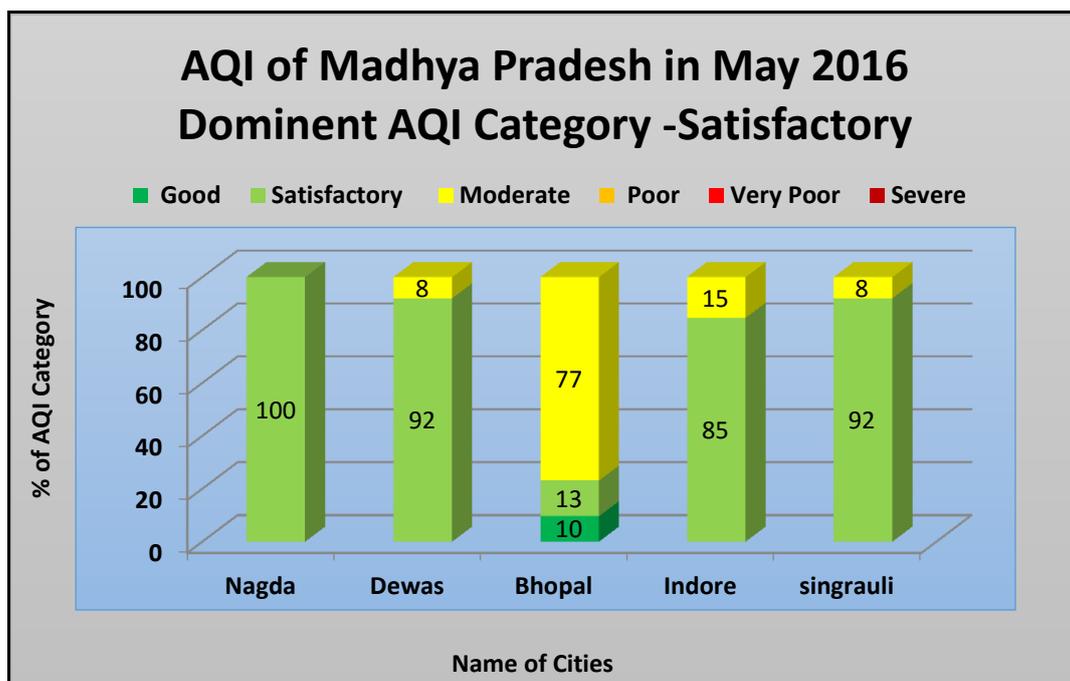
	(Parry Ware Roca) Pvt. Limited ,Dewas		Pradesh	05.05.2016	104	Moderate	PM10
				09.05.2016	99	Satisfactory	PM10
				12.05.2016	100	Satisfactory	PM10
				16.05.2016	99	Satisfactory	PM10
				19.05.2016	99	Satisfactory	PM10
				23.05.2016	98	Satisfactory	PM10
				26.05.2016	97	Satisfactory	PM10
				30.05.2016	96	Satisfactory	PM10
7	C.E.T.P Govindpura, Bhopal	Bhopal	Madhya Pradesh	02.05.2016	134	Moderate	PM10
				07.05.2016	131	Moderate	PM10
				09.05.2016	108	Moderate	PM10
				14.05.2016	137	Moderate	PM10
				16.05.2016	132	Moderate	PM10
				21.05.2016	144	Moderate	PM10
				23.05.2016	122	Moderate	PM10
				28.05.2016	134	Moderate	PM10
				30.05.2016	112	Moderate	PM10
8	Mrignayani, Hamidia Road,Bhopal	Bhopal	Madhya Pradesh	03.05.2016	153	Moderate	PM10
				05.05.2016	155	Moderate	PM10
				10.05.2016	145	Moderate	PM10
				12.05.2016	137	Moderate	PM10
				17.05.2016	121	Moderate	PM10
				19.05.2016	131	Moderate	PM10
				24.05.2016	118	Moderate	PM10
				26.05.2016	111	Moderate	PM10
				31.05.2016	83	Satisfactory	PM10
9	Paryavarn Parisar, E-5 Arera Colony, Bhopal	Bhopal	Madhya Pradesh	04.05.2016	41	Good	PM10
				06.05.2016	49	Good	PM10
				11.05.2016	57	Satisfactory	PM10
				13.05.2016	53	Satisfactory	PM10
				18.05.2016	41	Good	PM10
				20.05.2016	38	Good	PM10
				25.05.2016	63	Satisfactory	PM10
				27.05.2016	37	Good	PM10
10	Kolar Thana, Kolar Road, Bhopal.	Bhopal	Madhya Pradesh	03.05.2016	119	Moderate	PM10
				06.05.2016	110	Moderate	PM10
				10.05.2016	122	Moderate	PM10
				13.05.2016	101	Moderate	PM10
				17.05.2016	111	Moderate	PM10
				20.05.2016	118	Moderate	PM10
				24.05.2016	100	Satisfactory	PM10
				27.05.2016	119	Moderate	PM10
				31.05.2016	81	Satisfactory	PM10
11	AKVN Office, Industrial Area Mandideep, Raisen.	Raisen/Bhopal	Madhya Pradesh	02.05.2016	138	Moderate	PM10
				05.05.2016	146	Moderate	PM10
				09.05.2016	150	Moderate	PM10

				12.05.2016	132	Moderate	PM10
				16.05.2016	149	Moderate	PM10
				19.05.2016	122	Moderate	PM10
				23.05.2016	134	Moderate	PM10
				26.05.2016	153	Moderate	PM10
				30.05.2016	140	Moderate	PM10
12	Civil Hospital, Bairagrah, Bhopal	Bhopal	Madhya Pradesh	04.05.2016	112	Moderate	PM10
				07.05.2016	118	Moderate	PM10
				11.05.2016	85	Satisfactory	PM10
				14.05.2016	101	Moderate	PM10
				18.05.2016	103	Moderate	PM10
				21.05.2016	104	Moderate	PM10
				25.05.2016	102	Moderate	PM10
				28.05.2016	121	Moderate	PM10
13	Kothari market	Indore	Madhya Pradesh	04.05.2016	99	Satisfactory	PM10
				07.05.2016	97	Satisfactory	PM10
				11.05.2016	100	Satisfactory	PM10
				14.05.2016	88	Satisfactory	PM10
				18.05.2016	79	Satisfactory	PM10
				21.05.2016	94	Satisfactory	PM2.5
				25.05.2016	100	Satisfactory	PM10
				28.05.2016	101	Moderate	PM10
14	Vijay Nagar	Indore	Madhya Pradesh	02.05.2016	92	Satisfactory	PM10
				05.05.2016	112	Moderate	PM10
				09.05.2016	88	Satisfactory	PM10
				12.05.2016	88	Satisfactory	PM2.5
				16.05.2016	93	Satisfactory	PM10
				19.05.2016	95	Satisfactory	PM10
				23.05.2016	97	Satisfactory	PM10
				26.05.2016	100	Satisfactory	PM10
				30.05.2016	95	Satisfactory	PM10
15	Sanwer Road	Indore	Madhya Pradesh	03.05.2016	147	Moderate	PM2.5
				06.05.2016	106	Moderate	PM10
				10.05.2016	98	Satisfactory	PM10
				13.05.2016	95	Satisfactory	PM10
				17.05.2016	98	Satisfactory	PM10
				20.05.2016	98	Satisfactory	PM2.5
				24.05.2016	98	Satisfactory	PM10
				27.05.2016	99	Satisfactory	PM10
				31.05.2016	100	Satisfactory	PM10
16	Waidhan	Singrauli	Madhya Pradesh	05/04/2016	94	Satisfactory	PM10
				05/07/2016	94	Satisfactory	PM10
				05/11/2016	87	Satisfactory	PM10
				05/14/2016	101	Moderate	PM10
				05/18/2016	91	Satisfactory	PM10
				05/21/2016	102	Moderate	PM10

				05/25/2016	95	Satisfactory	PM10
				05/28/2016	96	Satisfactory	PM10
17	Jayant	Singrauli	Madhya Pradesh	05/03/2016	96	Satisfactory	PM10
				05/06/2016	98	Satisfactory	PM10
				05/10/2016	100	Satisfactory	PM10
				05/13/2016	96	Satisfactory	PM10
				05/17/2016	80	Satisfactory	PM10
				05/20/2016	98	Satisfactory	PM10
				24/5/2016	78	Satisfactory	PM2.5
				05/31/2016	74	Satisfactory	PM10
				18	Vindhya Nager	Singrauli	Madhya Pradesh
05/05/2016	90	Satisfactory	PM10				
05/09/2016	89	Satisfactory	PM10				
05/12/2016	79	Satisfactory	PM10				
05/16/2016	71	Satisfactory	PM10				
05/19/2016	71	Satisfactory	PM10				
05/23/2016	70	Satisfactory	PM10				
05/26/2016	73	Satisfactory	PM10				
05/30/2016	96	Satisfactory	PM10				

No of cities : 5
 No of locations : 18
 Total no of observations : 154

The analysis of AQI values in Madhya Pradesh during May 2016 indicates that 3% AQI values are falling in good category 66% are in satisfactory and 31% are in moderate category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



Status of AQI: Mizoram

Cities covered: Aizawl, Champhai, Kolasib and Lunglei during May 2016

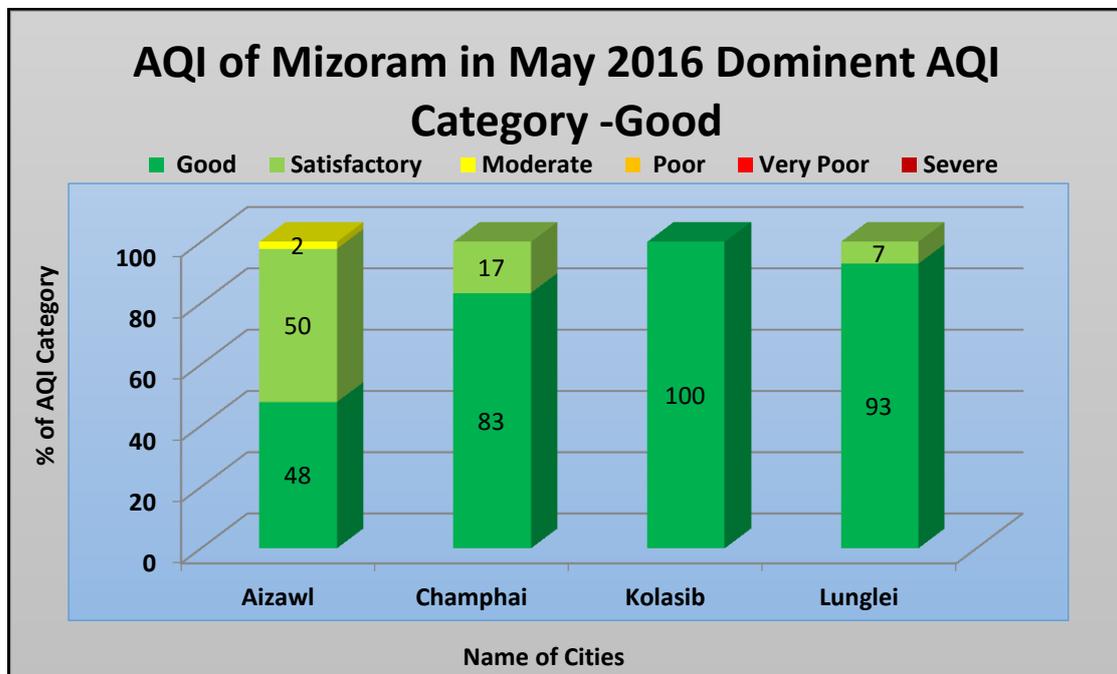
Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Khatla	Aizawl	Mizoram	3/5/2016	62	Satisfactory	PM10
				5/5/2016	70	Satisfactory	PM10
				10/5/2016	75	Satisfactory	PM10
				12/5/2016	73	Satisfactory	PM10
				17/5/2016	69	Satisfactory	PM10
				19/5/2016	29	Good	PM10
				24/5/2016	65	Satisfactory	PM10
				26/5/2016	70	Satisfactory	PM10
				31/5/2016	83	Satisfactory	PM10
2	Laipuitlang	Aizawl	Mizoram	3/5/2016	46	Good	PM10
				5/5/2016	31	Good	PM10
				10/5/2016	29	Good	PM10
				12/5/2016	60	Satisfactory	PM10
				17/5/2016	46	Good	PM10
				19/5/2016	42	Good	PM10
				24/5/2016	27	Good	PM10
				26/5/2016	25	Good	PM10
				31/5/2016	28	Good	PM10
3	Bawngkawn	Aizawl	Mizoram	3/5/2016	59	Satisfactory	PM10
				5/5/2016	105	Moderate	PM10
				10/5/2016	75	Satisfactory	PM10
				12/5/2016	86	Satisfactory	PM10
				19/5/2016	45	Good	PM10
				24/5/2016	57	Satisfactory	PM10
				26/5/2016	65	Satisfactory	PM10
				31/5/2016	75	Satisfactory	PM10
4	Dawrpui	Aizawl	Mizoram	3/5/2016	84	Satisfactory	PM10
				5/5/2016	80	Satisfactory	PM10
				10/5/2016	78	Satisfactory	PM10
				12/5/2016	84	Satisfactory	PM10
				17/5/2016	48	Good	PM10
				19/5/2016	40	Good	PM10
				24/5/2016	57	Satisfactory	PM10
				26/5/2016	72	Satisfactory	PM10
				31/5/2016	87	Satisfactory	PM10
5	Lengpui	Aizawl	Mizoram	3/5/2016	25	Good	PM10
				5/5/2016	36	Good	PM10
				10/5/2016	46	Good	PM10
				12/5/2016	50	Good	PM10
				17/5/2016	23	Good	PM10
				19/5/2016	22	Good	PM10
				24/5/2016	21	Good	PM10

				26/5/2016	31	Good	PM10
				31/5/2016	31	Good	PM10
6	Champhai Kahrawt	Champhai	Mizoram	3/5/2016	17	Good	PM10
				5/5/2016	20	Good	PM10
				10/5/2016	15	Good	PM10
				12/5/2016	17	Good	PM10
				17/5/2016	19	Good	PM10
				19/5/2016	17	Good	PM10
				24/5/2016	19	Good	PM10
				26/5/2016	21	Good	PM10
				31/5/2016	22	Good	PM10
				7	Champhai Vengthlang	Champhai	Mizoram
5/5/2016	44	Good	PM10				
10/5/2016	51	Satisfactory	PM10				
12/5/2016	47	Good	PM10				
17/5/2016	48	Good	PM10				
19/5/2016	38	Good	PM10				
24/5/2016	57	Satisfactory	PM10				
26/5/2016	51	Satisfactory	PM10				
31/5/2016	45	Good	PM10				
8	Kolasib Project Veng	Kolasib	Mizoram	3/5/2016	26	Good	PM10
				5/5/2016	27	Good	PM10
				10/5/2016	21	Good	PM10
				12/5/2016	30	Good	PM10
				17/5/2016	17	Good	PM10
				19/5/2016	14	Good	PM10
				24/5/2016	24	Good	PM10
				26/5/2016	25	Good	PM10
				31/5/2016	27	Good	PM10
9	Kolasib Diakkawn	Kolasib	Mizoram	3/5/2016	39	Good	PM10
				5/5/2016	41	Good	PM10
				10/5/2016	39	Good	PM10
				12/5/2016	41	Good	PM10
				17/5/2016	41	Good	PM10
				19/5/2016	42	Good	PM10
				24/5/2016	41	Good	PM10
				26/5/2016	40	Good	PM10
				31/5/2016	44	Good	PM10
10	Lunglei Farm Veng	Lunglei	Mizoram	3/5/2016	22	Good	PM10
				5/5/2016	14	Good	PM10
				16/5/2016	34	Good	PM10
				23/5/2016	22	Good	PM10
				25/5/2016	31	Good	PM10
				27/5/2016	33	Good	PM10
				30/5/2016	37	Good	PM10
11	Lunglei Chanmari	Lunglei	Mizoram	3/5/2016	57	Satisfactory	PM10

				5/5/2016	36	Good	PM10
				15/5/2016	25	Good	PM10
				23/5/2016	42	Good	PM10
				25/5/2016	26	Good	PM10
				27/5/2016	47	Good	PM10
				30/5/2016	50	Good	PM10

No of cities : 4
 No of locations : 11
 Total no of observations : 94

The analysis of AQI values in Mizoram during May 2016 indicates that 71% AQI values are falling in good category 28% are in satisfactory, 1%are in moderate category. This indicates that the people in these areas have Minimal Impact.



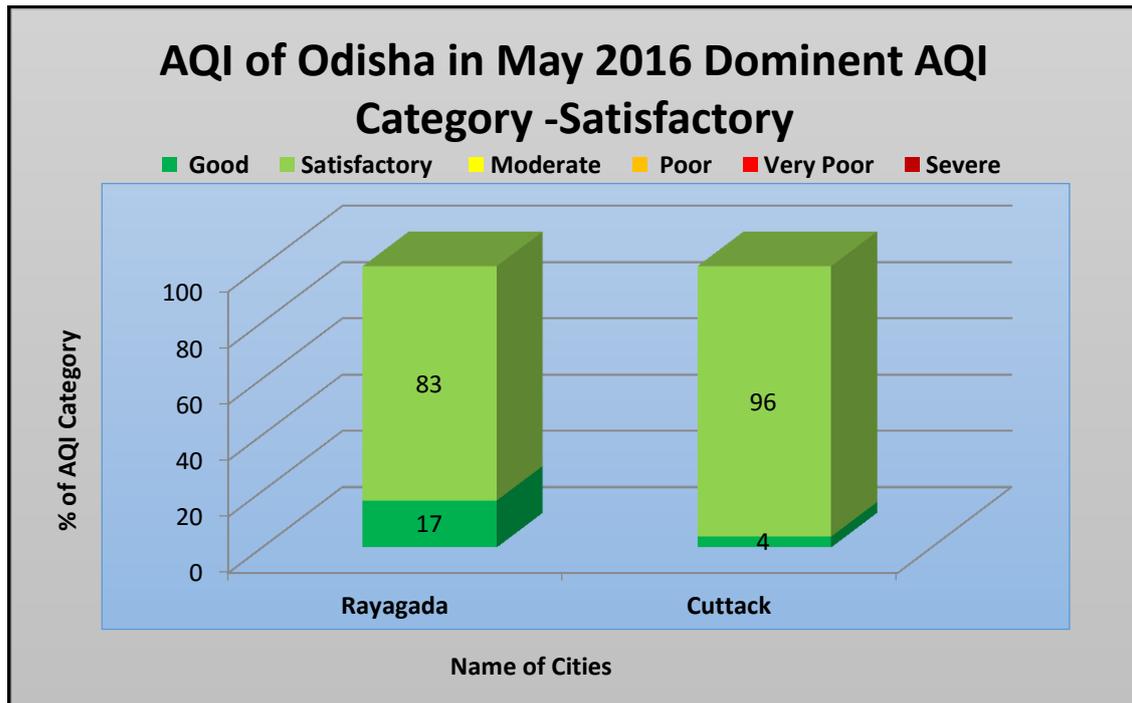
Status of AQI: Odisha
Cities covered: Rayagada and Cuttack during May 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Regional Office	Rayagada	Odisha	02.05.2016	63	Satisfactory	PM2.5
				05.05.2016	65	Satisfactory	PM10
				09.05.2016	52	Satisfactory	PM10
				12.05.2016	43	Good	PM10
				16.05.2016	78	Satisfactory	PM2.5
				19.05.2016	48	Good	PM10
				23.05.2016	72	Satisfactory	PM2.5
				26.05.2016	80	Satisfactory	PM2.5
				30.05.2016	65	Satisfactory	PM2.5
2	LPS H.School	Rayagada	Odisha	03.05.2016	80	Satisfactory	PM2.5
				06.05.2016	88	Satisfactory	PM2.5
				10.05.2016	61	Satisfactory	PM10
				13.05.2016	85	Satisfactory	PM2.5
				17.05.2016	77	Satisfactory	PM2.5
				20.05.2016	49	Good	PM10
				24.05.2016	97	Satisfactory	PM2.5
				27.05.2016	58	Satisfactory	PM10
				31.05.2016	92	Satisfactory	PM2.5
3	Badambadi	Cuttack	Odisha	02.05.16	86	Satisfactory	PM10
				05.05.16	90	Satisfactory	PM10
				09.05.16	74	Satisfactory	PM10
				12.05.16	83	Satisfactory	PM10
				16.05.16	71	Satisfactory	PM10
				19.05.16	64	Satisfactory	PM10
				23.05.16	81	Satisfactory	PM10
				26.05.16	70	Satisfactory	PM10
				30.05.16	80	Satisfactory	PM10
4	R.O.Cuttack	Cuttack	Odisha	03.05.16	64	Satisfactory	PM10
				06.05.16	63	Satisfactory	PM2.5
				10.05.16	63	Satisfactory	PM2.5
				13.05.16	55	Satisfactory	PM10
				17.05.16	54	Satisfactory	PM10
				20.05.16	48	Good	PM10
				24.05.16	57	Satisfactory	PM2.5
				27.05.16	57	Satisfactory	PM2.5
				31.05.16	63	Satisfactory	PM2.5
5	PHDO.Cuttack	Cuttack	Odisha	04.05.16	73	Satisfactory	PM10
				07.05.16	66	Satisfactory	PM10
				11.05.16	63	Satisfactory	PM10
				14.05.16	69	Satisfactory	PM10
				18.05.16	66	Satisfactory	PM10

			21.05.16	68	Satisfactory	PM10
			25.05.16	72	Satisfactory	PM10
			28.05.16	68	Satisfactory	PM10

No of cities : 2
 No of locations : 5
 Total no of observations : 44

The analysis of AQI values in Odisha during May 2016 indicates that 9% AQI values are falling in good category 91% are in satisfactory category. This indicates that the people in these areas have Minor breathing discomfort to sensitive people.



Status of AQI: Rajasthan State
Cities covered: Jaipur, Alwar and Kota during May 2016

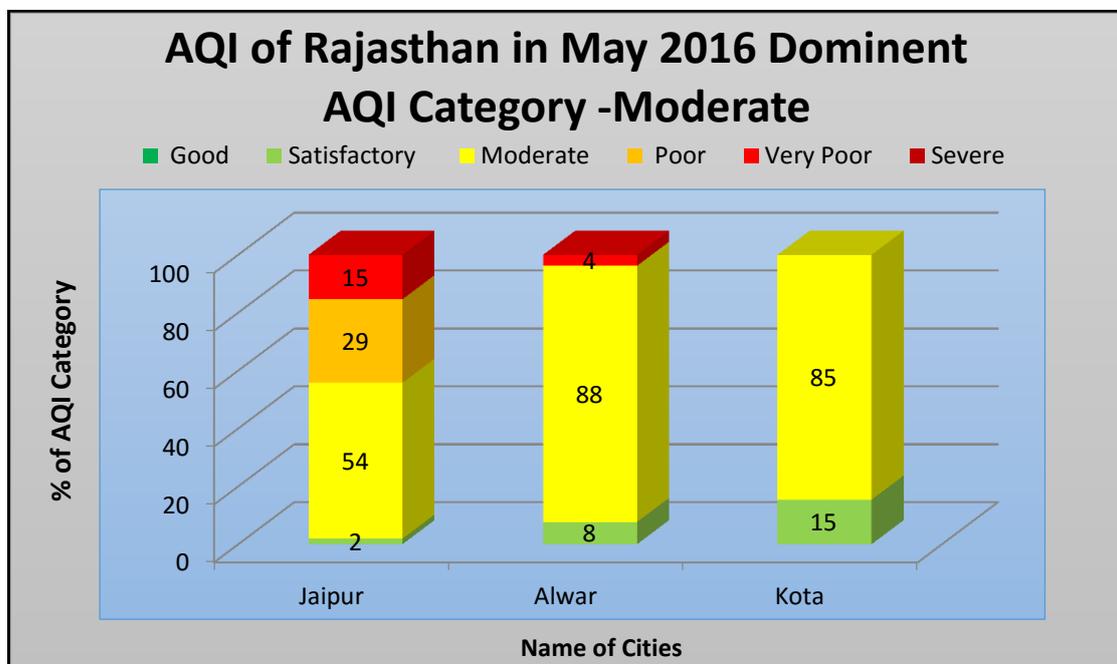
Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Ajmeri Gate, Jaipur	Jaipur	Rajasthan	05/03/2016	189	Moderate	PM10
				05/06/2016	232	Poor	PM10
				05/10/2016	273	Poor	PM10
				05/13/2016	152	Moderate	PM10
				05/17/2016	140	Moderate	PM10
				05/20/2016	169	Moderate	PM10
				05/24/2016	282	Poor	PM10
				05/27/2016	164	Moderate	PM10
				05/31/2016	170	Moderate	PM10
2	Vishva Karma Ind Area, Jaipur	Jaipur	Rajasthan	05/04/2016	244	Poor	PM10
				05/07/2016	243	Poor	PM10
				05/11/2016	331	Very-Poor	PM10
				05/14/2016	242	Poor	PM10
				05/18/2016	259	Poor	PM10
				05/21/2016	283	Poor	PM10
				05/25/2016	348	Very-Poor	PM10
				05/28/2016	343	Very-Poor	PM10
3	Board Office Jhalana jaipur.	Jaipur	Rajasthan	05/02/2016	170	Moderate	PM10
				05/05/2016	218	Poor	PM10
				05/09/2016	122	Moderate	PM10
				05/12/2016	104	Moderate	PM10
				05/16/2016	122	Moderate	PM10
				05/19/2016	146	Moderate	PM10
				05/23/2016	185	Moderate	PM10
				05/26/2016	167	Moderate	PM10
				05/30/2016	181	Moderate	PM10
4	Chandpole, Jaipur.	Jaipur	Rajasthan	05/03/2016	257	Poor	PM10
				05/06/2016	138	Moderate	PM10
				05/10/2016	320	Very-Poor	PM10
				05/13/2016	176	Moderate	PM10
				05/17/2016	376	Very-Poor	PM10
				05/20/2016	200	Moderate	PM10
				05/24/2016	166	Moderate	PM10
				05/27/2016	310	Very-Poor	PM10
				05/31/2016	215	Poor	PM10
5	R.O,RPCB,Sikar Road,Jaipur.	Jaipur	Rajasthan	05/30/2016	295	Poor	PM10
				05/02/2016	374	Very-Poor	PM10
				05/05/2016	286	Poor	PM10
				05/09/2016	171	Moderate	PM10
				05/12/2016	277	Poor	PM10
				05/16/2016	179	Moderate	PM10

				05/19/2016	264	Poor	PM10
				05/23/2016	369	Very-Poor	PM10
				05/26/2016	184	Moderate	PM10
6	Malviya Ind Area, Jaipur.	Jaipur	Rajasthan	05/04/2016	128	Moderate	PM10
				05/07/2016	118	Moderate	PM10
				05/11/2016	180	Moderate	PM10
				05/14/2016	108	Moderate	PM10
				05/18/2016	101	Moderate	PM10
				05/21/2016	99	Satisfactory	PM10
				05/25/2016	136	Moderate	PM10
				05/28/2016	173	Moderate	PM10
7	RIICO Pump House	Alwar	Rajasthan	05/03/2016	147	Moderate	PM10
				05/06/2016	159	Moderate	PM10
				05/10/2016	155	Moderate	PM10
				05/13/2016	101	Moderate	PM10
				05/17/2016	112	Moderate	PM10
				05/20/2016	121	Moderate	PM10
				05/24/2016	160	Moderate	PM10
				05/27/2016	127	Moderate	PM10
05/31/2016	183	Moderate	PM10				
8	R.O Building	Alwar	Rajasthan	05/02/2016	130	Moderate	PM10
				05/05/2016	113	Moderate	PM10
				05/09/2016	97	Satisfactory	PM10
				05/12/2016	133	Moderate	PM10
				05/16/2016	108	Moderate	PM10
				05/19/2016	122	Moderate	PM10
				05/23/2016	118	Moderate	PM10
				05/26/2016	328	Very-Poor	PM10
05/30/2016	84	Satisfactory	PM10				
9	Gaurav Solvex LTD.	Alwar	Rajasthan	05/04/2016	178	Moderate	PM10
				05/07/2016	142	Moderate	PM10
				05/11/2016	172	Moderate	PM10
				05/14/2016	125	Moderate	PM10
				05/18/2016	105	Moderate	PM10
				05/21/2016	150	Moderate	PM10
				05/25/2016	143	Moderate	PM10
				05/28/2016	162	Moderate	PM10
10	R.O. Bulding, Kota	Kota	Rajasthan	05/02/2016	176	Moderate	PM10
				05/05/2016	189	Moderate	PM10
				05/09/2016	147	Moderate	PM10
				05/12/2016	156	Moderate	PM10
				05/16/2016	142	Moderate	PM10
				05/19/2016	191	Moderate	PM10
				05/23/2016	137	Moderate	PM10
				05/26/2016	131	Moderate	PM10
05/30/2016	122	Moderate	PM10				

11	Samcor Glass LTD	Kota	Rajasthan	05/03/2016	145	Moderate	PM10
				05/06/2016	109	Moderate	PM10
				05/10/2016	102	Moderate	PM10
				05/13/2016	100	Satisfactory	PM10
				05/17/2016	110	Moderate	PM10
				05/20/2016	121	Moderate	PM10
				05/24/2016	150	Moderate	PM10
				05/27/2016	96	Satisfactory	PM10
				05/31/2016	134	Moderate	PM10
12	M.C.Bulding, Kota	Kota	Rajasthan	05/04/2016	138	Moderate	PM10
				05/07/2016	106	Moderate	PM10
				05/11/2016	97	Satisfactory	PM10
				05/14/2016	120	Moderate	PM10
				05/18/2016	115	Moderate	PM10
				05/21/2016	166	Moderate	PM10
				05/25/2016	165	Moderate	PM10
				05/28/2016	94	Satisfactory	PM10

No of cities : 3
 No of locations : 12
 Total no of observations : 104

The analysis of AQI values in Rajasthan during May 2016 indicates that 7% AQI values are falling in satisfactory category 70% are in moderate category, 14% are in Poor 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: Agra, Allahabad, Firozabad and Ghaziabad during May 2016

Sl. No.	Name of station	City	State	Sampling date	AQI	Status	Prominent Parameter
1	Sahibabad Industrial Area	Ghaziabad	Uttar Pradesh	3/5/2016	182	Moderate	PM10
				6/5/2016	179	Moderate	PM10
				10/5/2016	183	Moderate	PM10
				13/5/2016	179	Moderate	PM10
				17/5/2016	172	Moderate	PM10
				20/5/2016	179	Moderate	PM10
				24/5/2016	167	Moderate	PM10
				27/5/2016	203	Poor	PM10
				31/5/2016	175	Moderate	PM10
2	B.S. Road Industrial Area	Ghaziabad	Uttar Pradesh	2/5/2016	176	Moderate	PM10
				5/5/2016	178	Moderate	PM10
				12/5/2016	203	Poor	PM10
				16/5/2016	164	Moderate	PM10
				19/5/2016	166	Moderate	PM10
				23/5/2016	168	Moderate	PM10
				26/5/2016	158	Moderate	PM10
				30/5/2016	94	Satisfactory	PM10
3	CDGI S.N.MARG	Firozabad	Uttar Pradesh	03.05.2016	234	Poor	PM10
				06.05.2016	168	Moderate	PM10
				10.05.2016	167	Moderate	PM10
				13.05.2016	201	Poor	PM10
				17.05.2016	198	Moderate	PM10
				20.05.2016	170	Moderate	PM10
				24.05.2016	172	Moderate	PM10
				27.05.2016	227	Poor	PM10
				31.05.2016	187	Moderate	PM10
4	TILAK NAGAR	Firozabad	Uttar Pradesh	04.05.2016	175	Moderate	PM10
				07.05.2016	194	Moderate	PM10
				11.05.2016	178	Moderate	PM10
				14.05.2016	166	Moderate	PM10
				18.05.2016	206	Poor	PM10
				21.05.2016	160	Moderate	PM10
				25.05.2016	229	Poor	PM10
				28.05.2016	213	Poor	PM10
5	RAKA KA TAL	Firozabad	Uttar Pradesh	02.05.2016	228	Poor	PM10
				05.05.2016	200	Moderate	PM10
				09.05.2016	178	Moderate	PM10
				12.05.2016	188	Moderate	PM10
				16.05.2016	184	Moderate	PM10
				19.05.2016	176	Moderate	PM10
				23.05.2016	178	Moderate	PM10

				26.05.2016	203	Poor	PM10
				30.05.2016	230	Poor	PM10
6	Rambagh	Allahabad	Uttar Pradesh	03.05.2016	189	Moderate	PM10
				05.05.2016	253	Poor	PM10
				10.05.2016	179	Moderate	PM10
				12.05.2016	186	Moderate	PM10
				17.05.2016	230	Poor	PM10
				19.05.2016	186	Moderate	PM10
				24.05.2016	249	Poor	PM10
				26.05.2016	187	Moderate	PM10
				31.05.2016	208	Poor	PM10
				7	Jhonstonganj	Allahabad	Uttar Pradesh
05.05.2016	179	Moderate	PM10				
10.05.2016	181	Moderate	PM10				
12.05.2016	192	Moderate	PM10				
17.05.2016	212	Poor	PM10				
19.05.2016	187	Moderate	PM10				
24.05.2016	228	Poor	PM10				
26.05.2016	173	Moderate	PM10				
31.05.2016	211	Poor	PM10				
8	Alopibagh	Allahabad	Uttar Pradesh	05.05.2016	223	Poor	PM10
				10.05.2016	197	Moderate	PM10
				12.05.2016	208	Poor	PM10
				17.05.2016	196	Moderate	PM10
				19.05.2016	234	Poor	PM10
				24.05.2016	227	Poor	PM10
				26.05.2016	191	Moderate	PM10
31.05.2016	233	Poor	PM10				
9	Nunhai, Industrial Area, Agra	Agra	Uttar Pradesh	05/03/2016	239	Poor	PM10
				05/06/2016	275	Poor	PM10
				05/10/2016	185	Moderate	PM10
				05/13/2016	232	Poor	PM10
				05/17/2016	193	Moderate	PM10
				05/20/2016	154	Moderate	PM10
				05/24/2016	203	Poor	PM10
				05/27/2016	173	Moderate	PM10
05/31/2016	194	Moderate	PM10				
10	Regional Office, Bodla, Agra	Agra	Uttar pradesh	05/02/2016	274	Poor	PM10
				05/05/2016	152	Moderate	PM10
				05/12/2016	134	Moderate	PM10
				05/16/2016	161	Moderate	PM10
				05/19/2016	166	Moderate	PM10
				05/23/2016	104	Moderate	PM10
				05/26/2016	150	Moderate	PM10
				05/30/2016	135	Moderate	PM10

No of cities : 4
 No of locations : 10
 Total no of observations : 86

The analysis of AQI values in Uttar Pradesh during May 2016 indicates that 1% AQI values are falling in Satisfactory category, 66% are in moderate 33% are in poor category. This indicates that the people in these areas have Breathing discomfort to the people with lung, heart disease, children and older adults.

