

AIR BULLETIN
December-2018
National Air Quality Index for Jaipur City



Rajasthan State Pollution Control Board

राजस्थान राज्य प्रदूषण नियंत्रण मण्डल
पर्यावरण विभाग
राजस्थान सरकार

National Air Quality Monitoring Programme (NAMP) is nation-wide programme of ambient air quality monitoring program executed by Central Pollution Control Board in collaboration with State Pollution Control Board. Under NAMP ambient air quality is monitored manually. Presently, State Board is monitoring Particulate matter (PM₁₀), Sulfur Dioxide (SO₂) Nitrogen Di Oxide (NO₂) under NAMP at 09 locations in Jaipur.

Air Quality Index (AQI) 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. Each of AQI categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints).

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

Percentage distribution of NAQI at 09 NAMP Locations for December 2018



AIR QUALITY STATUS – DECEMBER 2018

MONITORING STATION	STATE	CITY	DATE	AQI	STATUS	PROMINENT PARAMETER
AJMERI GATE,JAIPUR (296)	RAJASTHAN	JAIPUR	04.12.18	135	Moderate	PM10
			07.12.18	147	Moderate	PM10
			11.12.18	164	Moderate	PM10
			14.12.18	121	Moderate	PM10
			18.12.18	149	Moderate	PM10
			21.12.18	158	Moderate	PM10
			25.12.18	133	Moderate	PM10
			28.12.18	145	Moderate	PM10
JHALANA DUNGRI (298)	RAJASTHAN	JAIPUR	03.12.18	88	Satisfactory	PM10
			06.12.18	91	Satisfactory	PM10
			10.12.18	102	Moderate	PM10
			13.12.18	102	Moderate	PM10
			17.12.18	83	Satisfactory	PM10
			20.12.18	126	Moderate	PM10
			24.12.18	120	Moderate	PM10
			27.12.18	108	Moderate	PM10
31.12.18	103	Moderate	PM10			
CHANDPOLE (408)	RAJASTHAN	JAIPUR	04.12.18	149	Moderate	PM10
			07.12.18	159	Moderate	PM10
			11.12.18	138	Moderate	PM10
			14.12.18	138	Moderate	PM10
			18.12.18	185	Moderate	PM10
			21.12.18	163	Moderate	PM10
			25.12.18	161	Moderate	PM10
			28.12.18	169	Moderate	PM10
MIA, RIICO OFFICE (410)	RAJASTHAN	JAIPUR	01.12.18	109	Moderate	PM10
			05.12.18	87	Satisfactory	PM10
			08.12.18	99	Satisfactory	PM10
			12.12.18	116	Moderate	PM10
			15.12.18	99	Satisfactory	PM10
			19.12.18	129	Moderate	PM10
			22.12.18	145	Moderate	PM10
			26.12.18	114	Moderate	PM10
29.12.18	143	Moderate	PM10			
NAGAR NIGAM OFFICE MANSAROVER (909)	RAJASTHAN	JAIPUR	03.12.18	130	Moderate	PM10
			06.12.18	139	Moderate	PM10
			10.12.18	116	Moderate	PM10
			13.12.18	109	Moderate	PM10
			17.12.18	81	Satisfactory	PM10
			20.12.18	134	Moderate	PM10
			24.12.18	116	Moderate	PM10
			27.12.18	101	Moderate	PM10
31.12.18	144	Moderate	PM10			
RIICO OFFICE BAEES GODAM	RAJASTHAN	JAIPUR	04.12.18	159	Moderate	PM10
			07.12.18	140	Moderate	PM10
			11.12.18	148	Moderate	PM10

(908)			14.12.18	117	Moderate	PM10
			18.12.18	137	Moderate	PM10
			21.12.18	158	Moderate	PM10
			25.12.18	135	Moderate	PM10
			27.12.18	133	Moderate	PM10
RIICO OFFICE SITAPURA IND. AREA (907)	RAJASTHAN	JAIPUR	01.12.18	131	Moderate	PM10
			05.12.18	106	Moderate	PM10
			08.12.18	113	Moderate	PM10
			12.12.18	106	Moderate	PM10
			15.12.18	82	Satisfactory	PM10
			19.12.18	115	Moderate	PM10
			22.12.18	105	Moderate	PM10
			26.12.18	113	Moderate	PM10
			29.12.18	112	Moderate	PM10
			RO JAIPUR, (North) (409)	RAJASTHAN	JAIPUR	03.12.18
06.12.18	173	Moderate				PM10
10.12.18	157	Moderate				PM10
13.12.18	162	Moderate				PM10
17.12.18	112	Moderate				PM10
20.12.18	166	Moderate				PM10
24.12.18	145	Moderate				PM10
27.12.18	139	Moderate				PM10
31.12.18	169	Moderate				PM10
V K I A (297)	RAJASTHAN	JAIPUR	01.12.18	235	Poor	PM10
			05.12.18	221	Poor	PM10
			08.12.18	163	Moderate	PM10
			12.12.18	218	Poor	PM10
			15.12.18	324	Very-Poor	PM10
			19.12.18	126	Moderate	PM10
			22.12.18	223	Poor	PM10
			26.12.18	171	Moderate	PM10
29.12.18	209	Poor	PM10			

Acknowledgement

We are grateful to our Chairperson, Member Secretary, Chief Environment Engineer and Chief Scientific Officer for their valuable support, guidance and encouragement to achieve the best.

We are thankful to Shri Nirmal Suthar and Shri Suresh Chand Aloria for their assistance in configuring the report. We are also thankful to all the field assistants provided by service provider for NAMP Stations.

Dr. Sanjeev Kumar Sharma

Dr. Kriti Sharma

Smt. Vandana Chaturvedi