

2019 NEW JERSEY AIR QUALITY INDEX (AQI) EXCEEDANCE DAYS

Updated 2/4/2020

The AIR QUALITY INDEX (AQI) is a national index for rating daily air quality.

The higher the AQI value, the greater the level of air pollution and health concern.

An AQI value of 100 corresponds to the National Ambient Air Quality Standard (NAAQS) for a specific pollutant. For more information on the NAAQS see <https://www.epa.gov/criteria-air-pollutants/naaqs-table>.

AQI values from 101 to 150 are unhealthy for sensitive groups. For more information on the AQI see <https://airnow.gov/index.cfm?action=aqibasics.aqi>.

Pollutants

NO₂ – Nitrogen dioxide

O₃ – Ozone

PM_{2.5} – Fine particulate matter

Units

ppb – parts per billion

ppm – parts per million

µg/m³ – micrograms per cubic meter

Rating

USG = Unhealthy for Sensitive Groups

2019 Total Number of NAAQS Exceedance Days in New Jersey

Pollutant	Exceedances
Nitrogen Dioxide	1
Ozone	12
PM _{2.5}	1

AQI Days Over 100 in New Jersey in 2019

Day	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
1	2/3/19	Columbia	PM _{2.5}	36.5	µg/m ³	USG	103
2	2/27/19	Fort Lee Near Road	NO ₂	109	ppb	USG	103
3	6/5/19	Washington Crossing*	O ₃	0.071	ppm	USG	101
4	6/26/19	Ancora	O ₃	0.071	ppm	USG	101
5	6/27/19	Ancora	O ₃	0.072	ppm	USG	105
		Millville	O ₃	0.072	ppm	USG	105
6	6/28/19	Brigantine	O ₃	0.072	ppm	USG	105
		Camden Spruce St	O ₃	0.071	ppm	USG	101
		Flemington	O ₃	0.073	ppm	USG	108
		Leonia	O ₃	0.085	ppm	USG	150
		Millville	O ₃	0.071	ppm	USG	101
		Rutgers	O ₃	0.072	ppm	USG	105
7	7/2/19	Ancora	O ₃	0.074	ppm	USG	112
		Camden Spruce St	O ₃	0.078	ppm	USG	126
		Clarksboro	O ₃	0.080	ppm	USG	133
		Colliers Mills	O ₃	0.085	ppm	USG	150
		Millville	O ₃	0.072	ppm	USG	105

Continued

**AQI Days Over 100 in New Jersey in 2019
(continued)**

Day	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
8	7/4/19	Leonia	O ₃	0.071	ppm	USG	101
		Ramapo	O ₃	0.077	ppm	USG	122
9	7/10/19	Rutgers University	O ₃	0.074	ppm	USG	112
10	7/16/19	Rutgers University	O ₃	0.075	ppm	USG	115
11	7/26/19	Leonia	O ₃	0.073	ppm	USG	108
12	7/27/19	Camden Spruce St	O ₃	0.077	ppm	USG	122
13	7/29/19	Colliers Mills	O ₃	0.074	ppm	USG	112
14	7/30/19	Leonia	O ₃	0.072	ppm	USG	105

*NOTE: The Washington Crossing monitoring station is operated and maintained by the U.S. Environmental Protection Agency (USEPA) as part of the nationwide Clean Air Status and Trends Network (CASTNET).