

## 2020 NEW JERSEY AIR QUALITY INDEX (AQI) EXCEEDANCE DAYS

*Updated 12/14/2020*

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://www.airnow.gov/aqi/aqi-basics/>.

### Pollutants

O<sub>3</sub> – Ozone

PM<sub>2.5</sub> – Fine particles

### Units

ppm – parts per million

µg/m<sup>3</sup> – micrograms per cubic meter

### Rating

USG = Unhealthy for Sensitive Groups

### 2020 Total Number of NAAQS Exceedance Days in New Jersey

Pollutant	Exceedance Days
Ozone	5
PM <sub>2.5</sub>	1

### AQI Days Over 100 in New Jersey in 2020

Day No.	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
1	6/9/20	Rider University	O <sub>3</sub>	0.074	ppm	USG	112
		Rutgers University	O <sub>3</sub>	0.074	ppm	USG	112
2	7/6/20	Leonia	O <sub>3</sub>	0.073	ppm	USG	108
3	7/21/20	Clarksboro	O <sub>3</sub>	0.071	ppm	USG	101
4	7/22/20	Leonia	O <sub>3</sub>	0.074	ppm	USG	112
		Rider University	O <sub>3</sub>	0.073	ppm	USG	108
5	8/10/20	Leonia	O <sub>3</sub>	0.076	ppm	USG	119
		Rider University	O <sub>3</sub>	0.071	ppm	USG	101
6	12/12/20	Newark Firehouse	PM <sub>2.5</sub>	46.2	µg/m <sup>3</sup>	USG	127
		Rahway	PM <sub>2.5</sub>	39.5	µg/m <sup>3</sup>	USG	111