

2022 NEW JERSEY AIR QUALITY INDEX (AQI) EXCEEDANCE DAYS

Updated 7/25/2022

<https://nj.gov/dep/airmon/>

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. AQI values over 150 are unhealthy for the general public. For more information on the AQI see <https://www.airnow.gov/aqi/aqi-basics/>.

Pollutants

O₃ – Ozone

PM_{2.5} – Fine particulate matter

Units

ppm – parts per million

µg/m³ – micrograms per cubic meter

Rating

USG = Unhealthy for Sensitive Groups

U = Unhealthy

2022 Total Number of NAAQS Exceedance Days in New Jersey

Pollutant	Exceedance Days
Ozone	7
PM _{2.5}	1

AQI Days Over 100 in New Jersey in 2022

Day No.	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
1	6/4/22	Clarksboro	O ₃	0.071	ppm	USG	101
2*	6/20/22	Brigantine	PM _{2.5}	103.6	µg/m ³	U	176
3	6/30/22	Ancora	O ₃	0.073	ppm	USG	108
		Clarksboro	O ₃	0.078	Ppm	USG	126
		Colliers Mills	O ₃	0.072	ppm	USG	105
4	7/11/22	Rider University	O ₃	0.071	ppm	USG	101
5	7/14/22	Monmouth University	O ₃	0.090	ppm	U	161
6	7/20/22	Bayonne	O ₃	0.075	ppm	USG	115
		Colliers Mills	O ₃	0.071	ppm	USG	101
		Rider University	O ₃	0.071	ppm	USG	101
7	7/22/22	Colliers Mills	O ₃	0.071	ppm	USG	101
8	7/23/22	Bayonne	O ₃	0.072	ppm	USG	105
		Clarksboro	O ₃	0.075	ppm	USG	115
		Monmouth University	O ₃	0.073	ppm	USG	108

*This exceedance is attributable to the Mullica River Fire in Wharton State Forest.