Air Quality Summary | June 2020

MID-OHIO REGIONAL **MORPC** PLANNING COMMISSION

Central Ohio

The Mid-Ohio Regional Planning Commission provides daily air quality forecasts and issues Air Quality Alerts to help you plan ahead and protect your health. For free Air Quality Alerts and more information please visit:
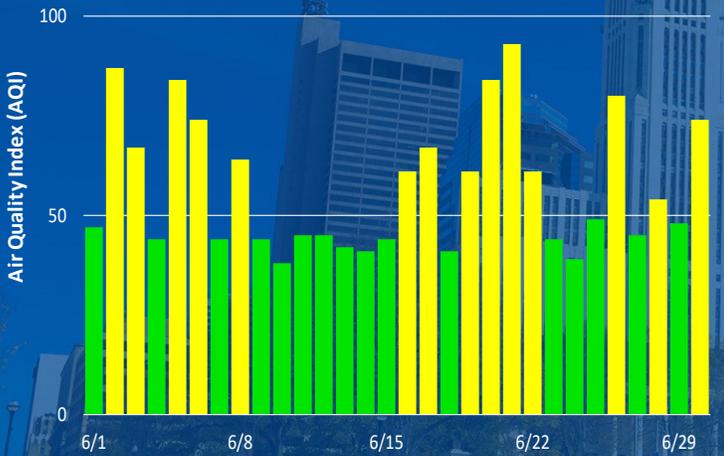
www.morcp.org/airquality

Air quality conditions in Columbus for June 2020 were slightly worse than those during the same period in 2018 and 2019. In June 2020, Good AQI levels were observed on 16 days, and Moderate AQI levels were observed on 14 days. No Unhealthy for Sensitive Groups or higher AQI levels were observed this month.

In June, 13 of the 14 Moderate AQI days were due to ozone pollution. On most of these days, warm temperatures, sunny skies, and light winds aided ozone formation. From June 16 through June 21, a rex block pattern over the eastern U.S. led to stable conditions in Ohio, allowing for day-to-day buildup of ozone. June 21 was the warmest day in this period, with Columbus reaching a high temperature of 92°F. Moderate westerly winds on this day also transported additional pollutants into the region. As a result, ozone reached 93 AQI on this day, the highest levels observed in June.

Daily Maximum AQI for June 2020

In June 2020, AQI levels in the Columbus region were Good on 16 days and Moderate on 14 days. No Air Quality Alerts were issued.

Air Quality Index (AQI) — 0, 50, 100 — 6/1, 6/8, 6/15, 6/22, 6/29

Average Temperature

The average temperature in Columbus in June 2020 was 73.3°F, which is 1.8°F above normal.

73.3°F June 2020

71.1°F June 2019

Average Precipitation

Columbus received 2.40 inches of precipitation in June 2020, which is 1.61 inches below normal.

2.40 in June 2020

7.04 in June 2019

Daily Maximum AQI for June by Category

2020 — 47% / 53%

2019 — 37% / 63%

2018 — 33% / 67%

0	50	100	150	200	300	500
Good	Moderate	Unhealthy For Sensitive Groups	Unhealthy	Very Unhealthy	Hazardous	

AQI AIR QUALITY INDEX