# Northeast Ohio Ozone Action Day Program

## 2004 End of Season Report

### Cool Conditions Make for a Slow "Ozone Action Day" Season

The **Ozone Action Day's** 10th Season wrapped up September 15, 2004, with cool and mild conditions. The unseasonably wet weather in the mid-summer gave way to drier fall weather.

June 8th was the only **Ozone Action Day** declared in Northeast Ohio. And, in addition to this year's lower than average temperatures, the significant increase in precipitation dramatically decreased the number of Ozone Action Days.

From May through August, precipitation was recorded on an average of half of the days of each of the months. In May, precipitation was recorded on 19 days; in June, 17 days; in July, 17 days; and in August, 14 days. There were a total of 16.5 inches of rain recorded for the four-month period – more than double that of the previous summer's levels.

Check out the following page of this update for more information on monthly weather conditions and resulting ozone levels.

As stated earlier, there was one Ozone Action Day declared. The date was:

- **June 8**

This Ozone Action Day was declared because monitor readings were expected to exceed 85 ppb (parts per billion) on the US EPA's Air Quality Index, but did not. In contrast, monitors exceeded forecasted expectations and the 85 ppb standard on the following days, which were not declared:

- **May 12**
- **May 13**
- **June 7**
- **July 2**
- **July 3**
- **August 2**
- **August 3**

Ozone levels of 85 ppb are considered unhealthy for children, the elderly and those individuals with respiratory conditions.

### 2004 OAD Outreach

The establishment of the "Sign Up On-Line" Internet feature on the Ozone Action Program (OAD) web page resulted in increased visits to the site. This feature allows the public to sign up to receive free email or fax alerts when an OAD has been declared. A link is provided at www.noaca.org/oad.html

In addition, staff focused on reaching out to healthcare representatives in county and city health departments, hospitals, local businesses and other public organizations. This outreach included sending out and personally delivering thousands of newly developed eye-catching OAD brochures.

Other staff activities included:

- Addressing the Cleveland Clean Air Century Campaign
- Sponsoring the Ohio Lung Association's Clean Air Challenge
- Revising traffic radio spots

### What's New for the OAD Program?

New staff was brought on board for the 2004 season. First Amy Wainright, Esq., is a volunteer helping out with the daily duties of the Ozone Action Day Program. Also, Jon Oswick, who is currently a senior at the Maxine Goodman College of Urban Affairs, filled the role of the OAD summer intern.

### Want To Continue to Receive OAD Notifications Next Year?

Contact Pamela Davis at (216) 241-2414 Extension 284 or by email at **pdavis@mpo.noaca.org**.

Northeast Ohio Areawide Coordinating Agency
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# Ozone Levels & Weather Conditions for 2004 Ozone Action Days

(Unofficial Data)

| Month | Average Temperature (degrees F) | Maximum/ Minimum Temperatures (degrees F) | Number of 85 degrees or more | Total Monthly Precipitation (inches) | Number of Days with some Precipitation | Ozone Action Days | Date of Exceedance of .085 ppb | Number of Monitors over Standard (>.085 ppb) | Maximum 8-Hr Concentration ppb |
|---|---|---|---|---|---|---|---|---|---|
| **May** | 62.2 | 73.1 / 51.2 | 1 | 5.90 | 27 (out of 31) | 0 | 12th<br>13th | 1<br>1 | 88<br>88 |
| **June** | 66.7 | 75.9 / 66.7 | 4 | 2.87 | 18 (out of 30) | 1 | 7th<br>8th | 1<br>0 | 85<br>81 |
| **July** | 71.4 | 79.6 / 63.2 | 6 | 2.88 | 15 (out of 31) | 0 | 2nd<br>3rd | 1<br>2 | 88<br>88 |
| **August** | 68.1 | 76.7 / 59.5 | 5 | 2.46 | 14 (out of 31) | 0 | 2nd<br>3rd | 2<br>1 | 87<br>86 |
| **September** | 65.8 | 75.3 / 56.3 | 1 | 3.22 | 8 (out of 30) | 0 | - | 0 | 0 |

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