



CITY OF DUBLIN

# Lightning Detection System

The City of Dublin purchased and installed a **Lightning Detection System (LDS)** for the purpose of providing Dublin park patrons with information regarding the presence of potentially dangerous electrical storms in the general areas around the parks. Dublin is the first municipality in Ohio to install such a detection system in its parks.

The LDS is made up of two separate systems. The physical lightning detection device is located on the roof of the Dublin Justice Center (5600 Commerce Parkway) and the data processing device is located in the 911 Communications Center inside the building. These two components detect lightning and communicate the data to transmitters throughout the City.

**The LDS is programmed to operate yearly:**

- 8 a.m. to 11 p.m.
- Seven days a week
- March 15 to November 10 every year

**The LDS will detect and warn of cloud to ground lightning strikes within 10 to 30 miles of the Dublin Justice Center. When a cloud to ground lightning strike is detected within this range, the alert system will sound one audible even-toned alarm for approximately 15 seconds. When a period of 15 minutes passes with absolutely no cloud to ground lightning strikes occurring within range, a second audible high-low-toned alarm will sound for approximately 15 seconds.**

This system is designed to alert patrons who are already on park property of potentially dangerous electrical storms. It does not sound audible alarms in increments of time. The system only sounds once at the first lightning detection and once signaling the area has been clear of lightning for 15 minutes.

**Audible alarms are located at:**

- Avery Park north concession stand
- Avery Park south restrooms
- Darree Fields north restrooms
- Darree Fields south restrooms
- Dublin Municipal Pool mechanical building

This alert system was installed as an informational tool only. Therefore, it is up to the discretion of specific sporting leagues/coaches to determine their own rules when alarms sound during league-sponsored events or practices. The system is tested by the City of Dublin every February and again every second Tuesday of each month from March through November. The City of Dublin Division of Grounds & Facilities is responsible for all maintenance and repair of the LDS.

If you have questions regarding the LDS, contact Colleen Moran, Division of Community Relations, at 410-4505.