

Thor Guard Lightning Prediction System

“A Proactive Solution for Lightning Safety”

How it Works

- * Sensors measure and analyze the electrostatic fields in the atmosphere
- * Predicts the possible occurrence of lightning 8 - 20 minutes before it could potentially strike



Operational Statistics

- * The system has a coverage area radius of 2.5 miles
- * It is 97% accurate within a 2-mile radius
- * System operates seven days per week, from 8am - 9:30pm in the months of March - November.

When a Threat is Detected

- * Warning horn will sound with an uninterrupted 15-second blast and a strobe light will flash when there is the potential for a lightning strike within the coverage area
- * Once a threat is detected, the system continuously updates data about energy in the air 50 times per second to see if the atmosphere still retains the potential energy necessary for a lightning strike
- * Upon hearing the horn blast and/or seeing the strobe light, park users must leave the park and seek appropriate shelter

What Qualifies as Appropriate Shelter

- * Inside buildings, hard-top vehicles or other lightning protected facilities and amenities
As a Last Resort: Seek low-lying areas or dense woods

What to Avoid

- * Open areas/isolated trees
- * Water
- * Metal
- * Wire Fences
- * Overhead wires/power lines
- * Elevated ground
- * Maintenance Machinery
- * Open top or soft top vehicles



When the Threat has Diminished

- * The horn will sound three short 4-second blasts and the strobe light will turn off
- * The horn signals that normal activity may resume

Thorguard Location

- * Proesel Park Aquatic Center

Other Non-covered Locations

- * Signal horns may not be at your site, but at a site within ear shot. If you hear the alarm, please leave the park immediately.

If you have any questions, comments or concerns regarding the Thor Guard Lightning Prediction System, please call the Lincolnwood Parks and Recreation Department at (847) 677-9740.