



Lightning Site Preparation Checklist

1. Safety Plan- Have plans for when lightning becomes a threat to the site. Set up lightning proximity criteria and resultant safety actions.

<input type="checkbox"/> Emergency Action Plan (EAP) Developed	<input type="checkbox"/>
<input type="checkbox"/> Staff Trained to Implement EAP	<input type="checkbox"/>
<input type="checkbox"/> Designated Weather Watcher	<input type="checkbox"/>
<input type="checkbox"/> Lightning Proximity Actions	<input type="checkbox"/>

2. Weather Monitoring Tools- Investigate the installation of a locally run lightning protection system with a display unit on site, a mobile smart phone application, or subscribe to a commercial notification system. In addition, the facility should have a NOAA weather radio on location. Other options below should be considered.

<input type="checkbox"/> NOAA Weather Radio	<input type="checkbox"/>
<input type="checkbox"/> Smart Phone Application	<input type="checkbox"/>
<input type="checkbox"/> Lightning Detection System_____	<input type="checkbox"/>
<input type="checkbox"/> Commercial Data Service_____	<input type="checkbox"/>
<input type="checkbox"/> Pagers (warning reception)	<input type="checkbox"/>
<input type="checkbox"/> Television (Local network or Cable TV)	<input type="checkbox"/>
<input type="checkbox"/> Radio Station (AM/FM) - EAS Reception	<input type="checkbox"/>
<input type="checkbox"/> Internet (subscription for alerts)_____	<input type="checkbox"/>

3. Communications- Have written instructions on how to contact local emergency management and the National Weather Service for information relative to the safety of their patrons.

<input type="checkbox"/> National Weather Service Contact	<input type="checkbox"/>
<input type="checkbox"/> Emergency Manager Contact	<input type="checkbox"/>



4. **Public Notification Tools** - Have several means to notify its patrons if a lightning threat exists. The following are examples that should be considered.

<input type="checkbox"/> Public Address System	<input type="checkbox"/>
<input type="checkbox"/> Outdoor Warning Siren(s)	<input type="checkbox"/>
<input type="checkbox"/> Vehicle Announcement Patrol	<input type="checkbox"/>
<input type="checkbox"/> Video Board Message Display	<input type="checkbox"/>
<input type="checkbox"/> Site TV Override	<input type="checkbox"/>
<input type="checkbox"/> Telephone Tree	<input type="checkbox"/>
<input type="checkbox"/> Multimedia Notification (email and social media)	<input type="checkbox"/>
<input type="checkbox"/> Local Radio Broadcast (dissemination)	<input type="checkbox"/>

5. **Shelter**- Identify areas of safe shelter. This could include signs indicating where shelters are located and substantial structures on the site's property (e.g. enclosed buildings that are grounded with wiring and plumbing that are easily accessible). Consider investigating other lightning protection equipment which could act as another measure to divert strikes to the tallest object and away from people.

<input type="checkbox"/> Lightning Rods Installed in compliance with NFPA 780 guidelines	<input type="checkbox"/>
<input type="checkbox"/> Primary Shelters Designated and Marked	<input type="checkbox"/>
<input type="checkbox"/> Secondary Shelters Designated and Marked	<input type="checkbox"/>
<input type="checkbox"/> Weather Evacuation Signs Posted	<input type="checkbox"/>

