

## 2.4m and Smaller Antenna Hurricane and High Wind Preparation

The following recommendations apply specifically for any unusual high wind condition such as occurs during hurricanes, tornados and cyclones.

- Each site is unique and must be reviewed separately for the best preparations.
- Use all the precautions available. The smallest size antennas see exponentially high wind forces that are accelerated even more by the channeled winds around surrounding structures and terrain.
- Prevent the antenna from becoming a flying projectile that can destroy other property and potentially cause injuries. The best precaution is to remove the antenna from the mount and store securely inside a sound structural building.
- If antenna cannot or will not be removed and stored, reduce the force on the antenna by moving the elevation setting to 90 degrees (Birdbath position) & rotate azimuth 90 degrees from direction of wind.
- Check the torque on all bolts on Az/El and installation mounts, antenna and feed support. Replace any questionable hardware and structural parts.
- Check for adequate ballast for non-penetrating roof –style mounts and secure with appropriate lanyard cables.
- Remove objects that may blow into the antenna structure and cause shock impact load failures of the antenna structure.
- Provide drainage away from the mount so the foundation ground does not become saturated or eroded, sand bag if necessary.

There are no guaranteed successful preparations in dealing with Mother Nature