

AWOS Owners: **Protect Your Investment!**

Overgrown vegetation may cause the FAA to remove your AWOS from service.

Man-made and naturally-occurring obstructions within 500 feet of an AWOS may interfere with its accuracy and/or endanger personnel.

Trees * Crops * Bushes * Weeds * Etc. Overgrown vegetation may cause:

1. Inaccurate Measurements:
 - a. Vegetation may physically block or impede airflow to sensors.
 - b. Pollen may affect airflow. (E.g., pollen may clog certain sensors, diminishing the airflow they receive. This may cause inaccurate readings for temperature, dew point, and other parameters.)
 - c. Photosynthesis causes plants to expel moisture, which may affect humidity measurements.
2. Fire Hazard: Dried brush or other vegetation may catch fire. Even if the fire does not destroy or damage your AWOS, the resulting smoke and heat will interfere with the system's measurements.
3. Site Accessibility: Vegetation may create a physical impediment to maintenance technicians & FAA inspectors. This may result in missed maintenance and overdue FAA inspections, which can result in FAA ordering the system's temporary or permanent removal from service.
4. Personnel Safety (Animals & Insects): Thick vegetation may mask the presence of snakes, disease-carrying ticks, stinging insects, and burrowing mammals whose holes pose a tripping hazard.



Vegetation within 100 feet of any AWOS sensor must be less than 10 inches tall.



AWOS wind sensors must remain at least 15 feet above the tops of all trees within a 500-foot radius.