

Mini Field Station and Dendrometer Yearly Field Checklist

To ensure the best quality results from your HSI Mini Field Station and Point-Dendrometer, use the following checklist while preparing your study site for the next season. In a common deciduous forest plot in North America, this should happen between Jan 1 and March 1.

Tools Required:

- 5/16" inch or adjustable wrench
- Laptop computer with MFS required software installed (see users manual)
- MicroUSB cable

Materials Required for each Mini Field Station

- Set of 4 AA charged batteries (NiMH if you intend to use a solar panel, or Lithium ION if not).
- CR1220 Coin Cell Battery

Point Dendrometer

- 1 Visually inspect the sensor shaft.
- 2 If it needs to be adjusted, use wrenches to back sensor away from tree. Follow installation instructions if need be.
- 3 Visually inspect the sensor data cable.
 - 3.1 Is it plugged in all the way?
 - 3.2 Is there damage from falling limbs or animals?

Mini Field Station

1. Replace the coin cell battery
2. Replace 4 AA batteries
3. Connect to device with laptop and MicroUSB cable.
 1. Using the CoolTerm or similar terminal application, connect to the Mini Field Station.
 2. Following instructions in the user manual for checking/setting the system time.
 3. Check the sensor status. For the point dendrometer, ensure the current value is < 10,000 for most species.
4. Check the tightness of the mounting strap and let out a little slack.

For any questions, email support@hisescientific.com.