

Standard maintenance checklist for node and sensors

Node										
Important: Make sure to switch off node prior to any activity which involves unplugging or deactivating of sensors! Also do not forget take a photo of the open node tray before unplugging sensors.										
Check for obvious physical damage to Node and Sensors										
Clear away foliage from general area of node (solar panel, antenna and PYR & PAR tops)										
Node/external solar panel is clean and free of dust. Wipe with damp cloth										
Node/external solar panel is pointing in a northerly direction										
Antenna or antenna extension cable is screwed to bottom of node (fingertight)										
Antenna is secured and undamaged										
No evidence of vermin ingress inside node tray										
Cable gland around tray is intact and undamaged										
Sensors are plugged in fully into the appropriate ports										
Sensor mounting frame does not move on pole and all screws are properly tightened										
Node pole bracket is secured to pole, node is locked into sensor node bracket										
Star picket has no movement in the soil										
Sensors										
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Sensor cabling has no damage and is secured with black UV stabilized cable ties										
Sensor cabling is appropriately protected from animal damage when required										
Anemometer is moving freely and undamaged										
Wind direction on Sensing+ is the same as anemometer										
Rain bucket strainer is free of debris, add spray with residual insecticide after cleaning										
Rain bucket/strainer bird spikes are intact										
Rain gauge tippers are clean and free of debris. Wipe out with damp cloth										
Rain gauge tippers are moving freely										
Rain gauge platform is level according to bubble indicator										
Rain gauge signal cable is routed via rubber cable gland, and shortened to appropriate length										
VP-4 Temp/Humidity sensor is clean of debris and vermin ingress										
PYR/PYR cabling is secured to cable tie tabs										
PYR/PAR sensors are free from dust. Wipe with damp cloth (lense cleaner type)										
Soil probe cables are undamaged and appropriately protected										
Soil probe cables underground inside conduit, ends appropriately sealed										
Check that the soil moisture probe is within the radius of the irrigation area										
Leaf wetness sensor is clean and dust free. Wipe with damp cloth										