

The IMMS™ Software displays soil moisture data (see left vertical axis) and temperature data (see right vertical axis) versus time (horizontal axis). The soil moisture display ranges from (-)200 *moisture points* (dry) to 0 *moisture points* (wet) and can be scaled within these limits to allow the user to “zoom in” on a desired range.

The time period displayed may be chosen from the preset menu ranging from 1 day to 1 year.

User-settable “wet/dry” lines allow the user to establish site-specific reference points on the display.

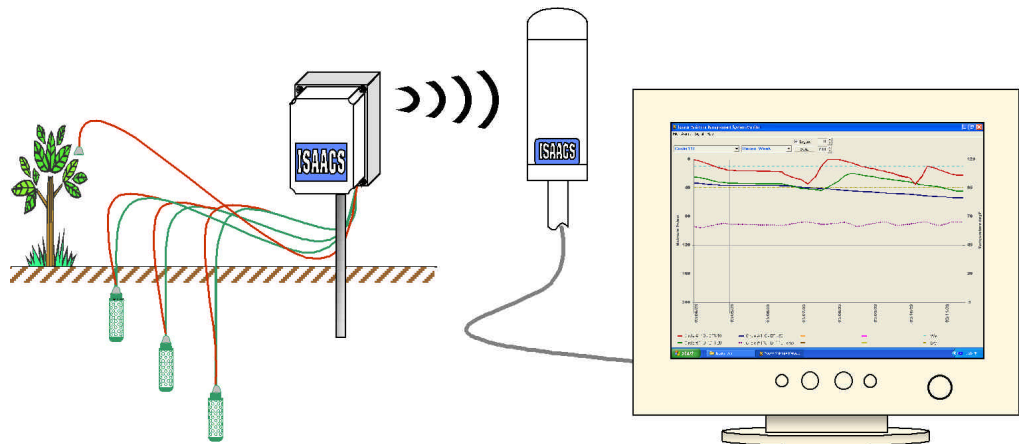
The IMMS™ software also displays alarm messages if the voltage of any RMT battery is low or if the signal from any RMT has been lost.

Each Isaacs **Remote Moisture Tracker (RMT)** transmitter can monitor up to 6 combined **Soil Temperature/Moisture Sensors** (modified Watermark™ sensors) and 2 additional **Auxiliary Temperature Sensors**.

The battery powered RMT monitors the sensors and transmits moisture and temperature data out of the field to an Isaacs **IMMS™ Receiver** located at the user's office and connected to a computer running IMMS™ software.

IMMS™ software logs the moisture and temperature data into the database and updates the computer's real-time display.

Each Isaacs IMMS™ Receiver can monitor up to 256 RMT's. The RMT can be set to take readings every 1, 4, 6, or 12 hours and has a range of approximately one mile. The Isaacs **SmartRepeater** can extend that range up to 5 miles for each **SmartRepeater** used.



### System Components

- 302 Remote Moisture Tracker
- 309 Base Receiver System includes:
  - 312 IMMS™ Software
  - 307R Receiver (including installation kit)
- 323 Soil Temp/Moisture (Watermark™) Sensor
- 322 Aux Temp Sensor

### Computer System Minimum Requirements

Windows® 95 or later operating system, 32 MB RAM, 150 MHz processor, and 50 MB available memory.



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