## **Cloud Visualization on ThingSpeak**

This section displays real-time sensor data and environment classification results published to <u>ThingSpeak</u>. The graphs provide a visual representation of temperature, humidity, air quality (MQ135), light (LDR), and soil moisture levels. These values are updated every 15 seconds, demonstrating the successful integration of IoT with cloud platforms for agricultural monitoring.

Below are the actual screenshots captured from the live ThingSpeak dashboard during system operation.









