

Temperature and Humidity Analysis

Characterize Regions based on Sensor data

The data collected from the sensors can be used to map the temperature and humidity to regions. The graph shows that the temperature and humidity of the nodes in the storage area follow a different profile as compared to the nodes in the lab area.

Storage Area

Server Rack

Burn-In

IT-Station

Lab Area

Work Benches

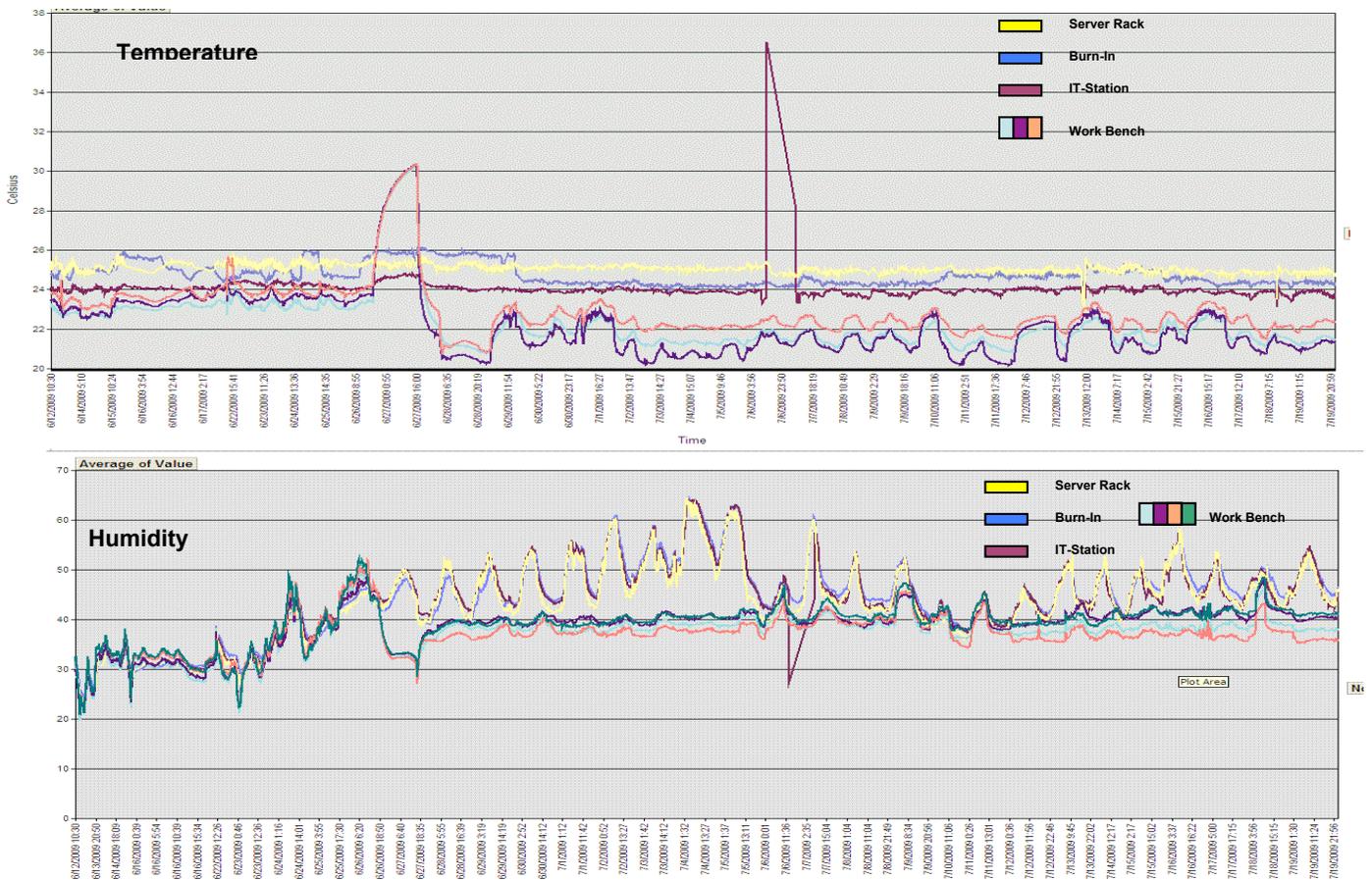


Fig 1 – Temperature and Humidity profiles for sensor nodes (June 12, 2009 – July 20, 2009)

Capturing Seasonal changes.

The graph captures the humidity variations to the AZ monsoon.

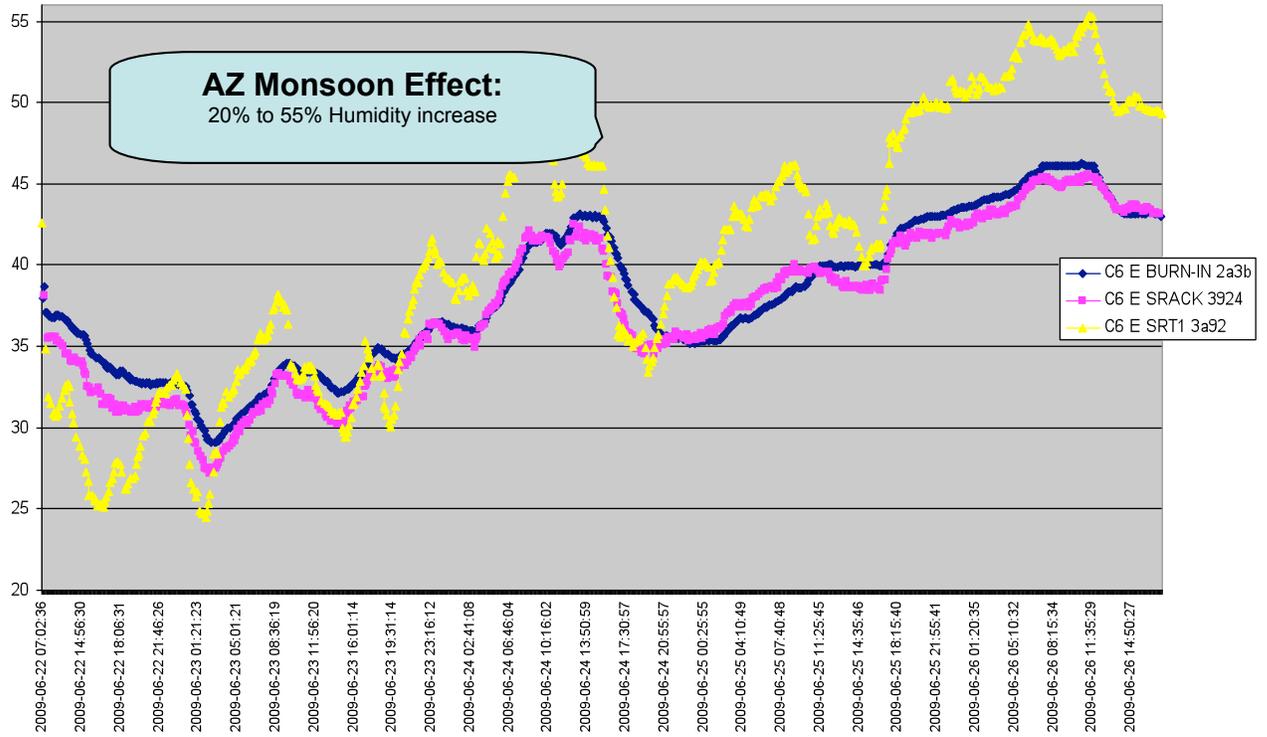


Fig 2 – Humidity change, June 22, 2009 – June 26, 2009