Frost conditions detected.
Edge gateway using AWS Greengrass runs local Lambda functions and triggers immediate action.
Fans activated.
Temperature

- Temperature (°C)
- Time

Moisture

- Moisture Level
- Time

Light

- UV Index
- Time

Data Savings

- Sent to Cloud
- Processed Locally

Edge Computing

- Sent to Cloud
- Processed Locally

Processing Time (Hours)

Water Savings

- Water Savings

65%

Humidity: 40%
Wind: NE 7 mph
Pressure: 30 in Hg

67°

Partly Cloudy
### Temperature
- Values range from 10°C to 30°C.
- Peaks around 14°C and 22°C.
- Times: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22.

### Moisture
- Levels range from 0 to 10.
- Peaks around 8 and 16.
- Times: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22.

### Light
- UV Index graph shows variation.
- Times: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22.

### Data Savings
- Circular graph showing data distribution.
- Sent to Cloud: 30%
- Processed Locally: 70%

### Edge Computing
- Processing Time graph.
- Times: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22.

### Water Savings
- Water saving efficiency: 65%
- Temperature: 67°C
- Conditions: Partly Cloudy
- Humidity: 40%
- Wind: NE 7 mph
- Pressure: 30 in Hg
Drought conditions detected.
Edge gateway using AWS Greengrass runs local Lambda functions and triggers immediate action.
Irrigation activated.
Temperature

Moisture

Light

Data Savings

Edge Computing

Water Savings

- Parly Cloudy
- Humidity: 40%
- Wind: NE 7 mph
- Pressure: 30 in Hg

65%

67°
High moisture conditions detected.
Edge gateway using AWS Greengrass runs local Lambda functions and triggers immediate action.
Irrigation suspended.
**Temperature**

- Temperature (°C) vs. Time

**Moisture**

- Moisture Level vs. Time

**Light**

- UV Index vs. Time

**Data Savings**

- Pie chart showing distribution between sent to cloud and processed locally

**Edge Computing**

- Processing Time (Hours)

- Sent to Cloud vs. Processed Locally

**Water Savings**

- Water savings 65%

**Weather Conditions**

- 67° 
- Partly Cloudy
- Humidity: 40%
- Wind: NE 7 mph
- Pressure: 30 in Hg
Temperature

Moisture

Light

Data Savings

Edge Computing

Water Savings

- Temperature: 28°C
- Moisture Level: 50%
- Light UV Index: 8

- 65% Sent to Cloud, 35% Processed Locally

- Parly Cloudy
  - Humidity: 40%
  - Wind: NE 7 mph
  - Pressure: 30 in Hg

- 67°

Processing Time (Hours)

Sent to Cloud

Processed Locally

Processing Time (Hours)
High UV conditions detected.
Edge gateway using AWS Greengrass runs local Lambda functions to record growth conditions and creates trend analytics.
Data analysis transmitted to cloud in scheduled reporting period.