**Atmosphere:**

|  |  |
| --- | --- |
| Air Temperature:  Trial 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC  Trail 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC  Trial 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC | Precipitation \_\_\_\_\_\_\_\_\_\_\_\_ mm  Relative Humidity \_\_\_\_\_\_\_\_\_\_% |
|  | Air Pressure \_\_\_\_\_\_\_\_\_\_\_\_ mBar |

NOTES: Clouds (see separate data sheet on back) or Use GLOBE Observer App

Surface Temperature (use separate data sheet)

Aerosols (Calitoo - use separate data sheet)

**Biosphere:**

Tree Height: Can Use GLOBE Observer App for this protocol or

Trial 1 \_\_\_\_\_\_\_\_\_\_\_\_\_ m Trail 2 \_\_\_\_\_\_\_\_\_\_\_\_\_ m Trial 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m

NOTES: Land Classification – Need MUC Guide and separate data sheet, or

–Use GLOBE Observer App for this protocol

Biometry (use separate data sheet and done with land classification)

Green Up/Down – seasonal and needs separate data sheet

Carbon Cycle (use separate data sheet)

**Hydrosphere:**

Mosquito Habitat Mapper – Use GLOBE Observer App

Transparency: Trial 1 \_\_\_\_\_\_\_\_\_\_\_\_\_ cm Trail 2 \_\_\_\_\_\_\_\_\_\_\_\_\_ cm Trial 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm

|  |  |
| --- | --- |
| Water Temperature:  Trial 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC  Trail 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC  Trial 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC  E.C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Nitrates \_\_\_\_\_\_\_\_\_ D.O. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  pH \_\_\_\_\_\_\_\_\_\_\_\_\_ Alkalinity \_\_\_\_\_\_\_\_\_\_\_\_  Specific Gravity \_\_\_\_\_\_\_\_\_\_  Salinity \_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Pedosphere:**

|  |  |
| --- | --- |
| Soil temperature:  Trial 1 5 cm \_\_\_\_\_\_\_\_\_ ºC Trial 2 5 cm \_\_\_\_\_\_\_\_\_ ºC  Trial 1 10 cm \_\_\_\_\_\_\_\_\_ ºC Trial 2 10 cm \_\_\_\_\_\_\_\_\_ ºC | Nitrates \_\_\_\_\_\_\_\_\_\_  Phosphorous \_\_\_\_\_\_\_\_\_\_\_  Potassium \_\_\_\_\_\_\_\_  pH \_\_\_\_\_\_\_\_\_\_ |

NOTES: Infiltration (use separate data sheet)

Moisture (use separate data sheet)

Characterization (use separate data sheet)