**Atmosphere:**

|  |  |
| --- | --- |
| Air Temperature: Trial 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC Trail 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC Trial 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ºC | Precipitation \_\_\_\_\_\_\_\_\_\_\_\_ mmRelative 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)