**Marian Meadow Soil Moisture Sensors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Instrument ID (Current) | Logger S/N (Current) | Sensor Depths (Current) | Instrument ID (Prior) | Logger S/N (Prior) | Sensor Depths (prior) |
| MM1SM | 20645949 | 3 (10 cm, 30 cm, 1 m) | 1-1 | 20156369 | 2 (1 ft, 3 ft) |
| MMSM2 | 20418943 | 3 (10 cm, 30 cm, 75 cm) | N/A | N/A | N/A |
| MMSM3 | 20446554 | 3 (10 cm, 30 cm, 1 m) | 4-1 |  |  |
| MMSM4 | 20446555 | 3 (10 cm, 30 cm, 75 cm) | 6-2 |  |  |
| MMSM5 | 20446556 | 3 (10 cm, 30 cm, 1 m) | 9-3 | 20445656 |  |

Marian Soil Moisture Timeline:

* 1-1 renamed to MM1SM on 7-22-2019
  + HOBO Onset logger was replaced
  + 3 soil moisture depths installed (some sensors were already in place at 30 cm and 1 meter, only a new 10 cm was added to the set up)
* 6-1 logger moved to 4-1 on 7-22-2019
* 9-3 renamed to MMSM4 on 7-22-2019
  + 3 soil moisture depths installed (some sensors were already in place?)
* 4-1 renamed to MMSM3 on 9-4-2019
  + HOBO Onset logger was replaced
  + 3 soil moisture depths installed (all new sensors)
* MMSM2 installed on 9-4-2019
  + HOBO Onset logger was installed (all new)
  + 3 soil moisture depths installed (all new)
* Renamed 6-2 as MMSM4 on 9-4-2019
  + added 10 cm and 75 cm to existing 30 cm sensor (S/N: 20175819) depth
* Changed MMSM4 to MMSM5 on 9-4-2019

Marian Meadow Compilation Log

* Compiled 30-minute data contained in `Soil Moisture MM CM 2013to2019.xlsx` (completed 7-20-2020)
  + 4/25/2019 11:00 through 9/4/2019 15:00
* Compiled MM1SM, MMSM2, MMSM3, MMSM4, MMSM5 30 minute data collected from the following trips:
  + Dec. 2019, April 2020, and July 2020 (completed 7-20-2020)

**Rock Creek Meadow** **Soil Moisture Sensors**

|  |  |  |
| --- | --- | --- |
| Instrument ID (Current) | Logger S/N (Current) | Sensor Depths (Current) |
| RCSM1 | 20541053 | 3 (10 cm, 30 cm, 1 m) |
| RCSM2 (SOILVUE) | Check on this | 8 (10 cm, 20 cm, 30 cm, 40 cm, 50 cm, 60 cm, 75 cm, 1 m) |
| RCSM3 (SOILVUE) | Check on this | 8 (10 cm, 20 cm, 30 cm, 40 cm, 50 cm, 60 cm, 75 cm, 1 m) |
| RCSM5 | 20541050 | 3 (10 cm, 30 cm, 1 m) |

Rock Creek Soil Moisture Timeline:

* RCSM1 and RCSM5 installed during July 2019
* RCSM2 installed during Sept. 2019
* RCSM3 installed during Dec. 2019

Rock Creek Meadow Compilation Log

* Compiled all collected data from RC spanning July 2019 to July 2020 (completed 7-21-20)

**Control Meadow Soil Moisture Sensors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Instrument ID (Current) | Logger S/N (Current) | Sensor Depths (Current) | Instrument ID (Prior) | Logger S/N (Prior) | Sensor Depths (prior) |
| CMSM1 | Get from data | 3 (10 cm, 30 cm, 1 m) | C1-2 |  |  |
| CMSM4 | 20541052 | 3 (10 cm, 30 cm, 1 m) | NA | NA | NA |
| CMSM2 | 20205247 | 3 (10 cm, 30 cm, 1 m) |  |  |  |
| CMSM3 | 20156370 | 3 (10 cm, 30 cm, 1 m) | C3-1 |  |  |
|  |  | 3 (10 cm, 30 cm, 1 m) |  |  |  |

Rock Creek Soil Moisture Timeline:

* CMSM4 installed, C1-2 (new set up) renamed CMSM1, C3-1 converted to CM3SM, during July 2019
* cm2sm COULD NOT CONNECT changed logger appears ok logger #20418942 Dec 2019

Control Compilation Log

* Compiled all collected data from Control spanning July 2019 to July 2020 (completed 7-23-20)

**Childs Meadow Soil Moisture Sensors**

Childs Compilation Log

* Compiled all collected data from Childs spanning July 2019 to July 2020 (completed 7-23-20)