See configuration management system for approval history.
Change Record

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1 DESCRIPTION

Datasheet for the Fulcrum Application (AOS) Field Metadata and Gauge Height.

1.1 Purpose

Collection of general site characterization data is imperative to basic observational science. In the event of electronic failure, paper datasheets are critical to successful data collection.

1.2 Scope

This datasheet encompasses the AQU Metadata Fulcrum Application. Field scientists must carry paper datasheets for all scheduled protocols.
2 RELATED DOCUMENTS AND ACRONYMS

2.1 Applicable Documents

Applicable documents contain information that shall be applied in the current document. Examples are higher level requirements documents, standards, rules and regulations.

| AD [01] | NEON.DOC.005277 | GAG Aquatic Staff Gauge Measurement Readings |

2.2 Reference Documents

Reference documents contain information complementing, explaining, detailing, or otherwise supporting the information included in the current document.

| RD [01] | NEON.DOC.000008 | NEON Acronym List |
| RD [02] | NEON.DOC.000243 | NEON Glossary of Terms |
3 DATASHEET

3.1 Printable Single-page Datasheet
AOS Field Metadata and Gauge Height

Domain ID: ____________________________
Site ID: ______________________________ Site ID: ______________________________ Date (YYYYMMDD): ________________
Arrival Time (HH:MM): ________________ Departure Time (HH:MM): ________________
Collected by: _________________________ Recorded by: ___________________________
Sampling Impractical?  Dry    Frozen    Snow Covered    Other (required description in remarks)
Stage Height (m)  Record to nearest 0.005 m
Initial stage: _________________________ Final stage: ___________________________
Temporary Hydrologic Condition – Gauge:
None  LWD  Sediment  Litter Jam  Beaver Dam  Anchor Ice  Border Ice  Sheet Ice  In Channel Veg  Other
Temporary Hydrologic Condition – DSC Transect:
None  LWD  Sediment  Litter Jam  Beaver Dam  Anchor Ice  Border Ice  Sheet Ice  In Channel Veg  Other
Discharge collection method: Handheld Flowmeter  ADCP

Weather
Ice Present on Water Surface?  YES    NO
Rain in the Previous 48 Hours?  YES    NO
Wind Description:
0 – calm (< 1mph)  5 – fresh breeze (19 – 24mph)  10 – storm (55 – 63mph)
1 – light air (1 – 3mph)  6 – strong breeze (25 – 31mph)  11 – violent storm (64 – 72mph)
2 – light breeze (4 – 7mph)  7 – near gale (32 – 38mph)  12 – hurricane (> 72mph)
3 – gentle breeze (8 – 12mph)  8 – gale (39 – 46mph)
4 – moderate breeze (13 – 18mph)  9 – strong gale (47 – 54mph)
Cloud Cover:  Clear (< 5%)  Partly Cloudy (25%)  Partly Cloudy (50%)  Partly Cloudy (75%)  Overcast
Precipitation:  None    Mist/Fog    Light Rain    Rain    Heavy Rain    Sleet    Snow
Water Clarity:  Clear    Cloudy    Opaque
Water Color:  Colorless    Blue    Green    Brown    Gray
Riparian Phenology:  No Leaves    Breaking Buds    Increasing Leaf Size    Leaves    Colored Leaves    Falling Leaves

Post Fieldwork Observations
Algae?:  Heavy    Present    Absent  Woody Debris?:  Heavy    Present    Absent
Macrophytes?:  Heavy    Present    Absent  Oils?:  Heavy    Present    Absent
Leaf Litter?:  Heavy    Present    Absent  Trash?:  Heavy    Present    Absent
Pollen?:  Heavy    Present    Absent

General Comments