Definition of Data Fields

Term	Definition	Units
AirTemp	Air temperature	Degrees Celsius
Baro1	Barometric Pressure	hectoPascals
WGust1	Wind Gust	Knots
WindSpeed1	Wind Speed	Knots
WindDir1	Wind Direction	Azimuthal °
BICS305	Ultraviolet Radiation, 305 nm, above water	mW $m^{-2}nm^{-1}$
BICS330	Ultraviolet Radiation, 330 nm, above water	mW $m^{-2}nm^{-1}$
BICS380	Ultraviolet Radiation, 380 nm, above water	mW $m^{-2}nm^{-1}$
PAR-S	Photosynthetically Active Radiation, above water	µ-mole quanta m^{-2} s^{-1} (400nm-700nm)
BICU305	Ultraviolet Radiation, 305 nm, 1 m depth	mW $m^{-2}nm^{-1}$
BICU330	Ultraviolet Radiation, 330 nm, 1 m depth	mW $m^{-2}nm^{-1}$
BICU380	Ultraviolet Radiation, 380 nm, 1 m depth	mW $m^{-2}nm^{-1}$
PAR-U	Photosynthetically Active Radiation, 1 m depth	µ-mole quanta m^{-2} s^{-1} (400nm-700nm)
BICD305	Ultraviolet Radiation, 305 nm, 3 m depth	mW $m^{-2}nm^{-1}$
BICD330	Ultraviolet Radiation, 330 nm, 3 m depth	mW $m^{-2}nm^{-1}$
BICD380	Ultraviolet Radiation, 380 nm, 3 m depth	mW $m^{-2}nm^{-1}$
PAR-D	Photosynthetically Active Radiation, 3 m depth	µ-mole quanta m^{-2} s^{-1} (400nm-700nm)
Cond	Conductivity at 1 m depth	milliSiemens cm^{-1}
SeaTemp	Sea Temperature at 1 m depth	Degrees Celsius
Sal	Salinity at 1 m depth	Practical salinity units (psu)
Cond3m	Conductivity at 3 m depth	milliSiemens cm^{-1}
SeaT3m	Sea Temperature at 3 m depth	Degrees Celsius
Sal3m	Salinity at 3 m depth	Practical salinity units (psu)
WindGust2	Wind Gust from Vaisala Weather Station	Knots
WindSpeed2	Wind Speed from Vaisala Weather Station	Knots
WindDir2	Wind Direction from Vaisala Weather Station	Azimuthal °
AirTemp2	Air temperture from Vaisala weather station	Degrees Celsius
Humid	Relative Humidity from Vaisala Weather Station	percentage
DewPt	Dew Point from Vaisala Weather Station	Degrees Celsius
Baro2	Barometric Pressure from Vaisala Weather Station	hectoPascals
RainAmt	Rain Amount from Vaisala Weather Station	mm $hour^{-1}$
RainDur	Rain Duration from Vaisala Weather Station	10-sec increments / hr when drop detected
RainPeak	Rain Peak from Vaisala Weather Station	Maximum 10-sec increment / hr