

Observations and Measurements

Field Names List

Parameter	Description	Units
Date	Day of measurment; yyyy-mm-dd	unitless
Time	Time of measurement; hh:mm:ss	unitless
Burst_average	Underwater light; averaged within burst that the sensor was on	umol photons per square meter per second
Surface	Surface light	umol photons per square meter per second
Transmission	TPAR-19 is the percent surface light reaching to 19 meters depth.	percent
Noon_percent	Mean TPAR-19 over noon hours using 2-3 records around noon. Values at night and late/early in the day (between about 17:00 and 07:00 the next day) are unlikely to be meaningful due to the low values recorded.	percent
Kd_PAR	Kd PAR calculated according to equations and assumptions in paper (DOI: 10.1007/s00338-018-1721-y). Values at night and late/early in the day (between about 17:00 and 07:00 the next day) are unlikely to be meaningful due to the low values recorded.	umol photons per square meter per second
Noon_Kd	Mean Kd-PAR over noon hours using 2-3 records around noon.	umol photons per square meter per second

ISO_DateTime_UTC UTC DateTime; ISO formatted

unitless