

**IPHEX\_TRG260\_raingauge\_YYMMDD.L1b.nc***Manufacturer: Novalynx**Model: Tipping Bucket Rain Gauge 260-2500E**Site: [www.novalynx.com](http://www.novalynx.com)*

<b>Name</b>	<b>Variable</b>	<b>Type</b>	<b>Dimensions</b>	<b>Units</b>	<b>Expected Range</b>	<b>Missing</b>	<b>Notes</b>
time	Time	double	time	UTC	unlimited	-	Number of days since Jan 1 0000 00:00:00
year	Year	float	time	-	unlimited	-9999.9	
DOY	Day of Year	float	time	-	0 - 366	-9999.9	Julian day
frac_day	Fractional Day	float	time	-	0 - 1	-9999.9	Fraction of day
rain_accum	Rain Accumulation	float	time	mm	unlimited	-9999.9	Rain accumulation; resets every day at 0 UTC
voltage_batt	Battery Voltage	float	time	V	0 - 4	-9999.9	Battery voltage of data logger

**IPHEX\_ORG815\_raingauge\_YYMMDD.L1b.nc***Manufacturer: Optical Scientific**Model: Optical Rain Gauge ORG-815**Site: [www.opticalscientific.com](http://www.opticalscientific.com)*

<b>Name</b>	<b>Variable</b>	<b>Type</b>	<b>Dimensions</b>	<b>Units</b>	<b>Expected Range</b>	<b>Missing</b>	<b>Notes</b>
time	Time	double	time	UTC	unlimited	-	Number of days since Jan 1 0000 00:00:00
year	Year	float	time	-	unlimited	-9999.9	
DOY	Day of Year	float	time	-	0 - 366	-9999.9	Julian day
frac_day	Fractional Day	float	time	-	0 - 1	-9999.9	Fraction of day
weather	Weather Code	float	time	NWS Codes: 0=no precip; 1 = R- (light rain); 2 = R (rain); 3 = R+ (heavy rain)	0 - 3	-9999.9	National Weather Service rain rate codes, converted to integers
rain_rate	Rain Rate	float	time	mm/hr	0 - 500	-9999.9	Instantaneous (one-minute average) rain rate
rain_accum	Rain Accumulation	float	time	mm	unlimited	-9999.9	Rain accumulation; resets every day at 0 UTC
temp	Temperature	float	time	degrees C	-40 - 50	-9999.9	

