

# Accumulated and Incremental Precipitation 12/22/2016

12/23/2016 4:04:00AM

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Station ID	Sensor	Value	Count
BLBO	PC	0.00	
	PQ	36.48	96
CGWO	PC	0.01	
	PQ	0.01	96
COWO	PC	0.01	
	PQ	0.01	96
DOWO	PC	0.00	
	PQ	0.00	96
DTWO	PC	0.00	
	PQ	0.00	96
FRWO	PC	0.01	
	PQ	0.01	96
FSWO	PC	0.00	
	PQ	0.00	96
HCWO	PC	0.00	
	PQ	0.00	96
LPWO	PC	0.00	
	PQ	0.00	96
MFOO	PC	0.00	
	PQ	0.00	96
ORCO	PC	0.01	
	PQ	0.00	96
UPSO	PC	0.02	
	PQ	0.02	96

Report reflects data from the day the report is run minus one day so that an entire 24 hour period is evaluated.

The cumulative precipitation (PC) is calculated by subtracting the minimum value from the maximum value. On days when the sensor is reset, this information will be incorrect.

The incremental precipitation (PQ) is the sum of all values for the day. The Count for incremental precipitation should be 96, 15 minute data collection for 24 hours. If the Count is higher than this then extra polls (probably current polls from the project) are being captured and double counted in the incremental precipitation total.

The following conditions are used in the SQL statement WHERE clause to limit records to appropriate information :

```
{XC_DATA1.TIME_TAG} = CurrentDate -1) and
((Minute({XC_DATA1.TIME_TAG}) = 0) or
(Minute({XC_DATA1.TIME_TAG}) = 15) or
(Minute({XC_DATA1.TIME_TAG}) = 30) or
(Minute({XC_DATA1.TIME_TAG}) = 45)) and
{XC_SITESENSORS.ENABLED} = "Y" and
{XC_DATA1.SENSORNAME} in ("PC", "PQ")
```

The Count is highlighted in red if it does not equal 96 (the number of 15 minute periods in 24 hours).