Version 1.9.12+ and Version 2.0.6+ New VWS Data Parameters for Script Writers

Object **SCVWS**:

Properties:

Enabled as **Boolean**
Rate as **Double**
BaseTime as **Long** – seconds since midnight
CSVFileName as **String**
Altitude as **Double**
AltitudeUnits as **Long** – 0=meters, 1=feet
TemperatureUnits as **Long** – 0=°C, 1=°F
BarometerOffset as **Double**
WindStatisticsWindow as **Long** – in seconds
BarometricTrendThreshold as **Double**
TemperatureTrendThreshold as **Double**
LastData(0 to 119) as **Double** – see CSV Data below
LastDataString(0 to 99) as **Double** – Data unmodified from CSV field; see CSV Data below
DatabaseBufferSize as **Long** – Read only, size of circular buffer
DatabaseTailPointer as **Long** – Read only, 0 to DatabaseBufferSize (oldest valid point)
DatabaseHeadPointer as **Long** – Read only, 0 to DatabaseBufferSize (points to next point; DatabaseHeadPointer – 1 points to newest valid point)

Methods:

None

Objects:

None

CSV File Values Index:

TIME = 0 (time is represented as a double, use CStr(CDate(value)) to convert to a string)
VERSION = 1
YEAR = 2
MONTH = 3
DAY = 4
HOUR = 5
MINUTE = 6
SECOND = 7
WIND = 8
GUST = 9
DIRECTION = 10
IN_HUM = 11
OUT_HUM = 12
IN_TEMP = 13
OUT_TEMP = 14
BAROMETER = 15
TOTAL_RAIN = 16

DAILY_RAIN = 17
HOURLY_RAIN = 18
WEATHER = 19
0 = "Clear"
1 = "Few Clouds"
2 = "Scattered Clouds"
3 = "Broken Clouds"
4 = "Overcast"
5 = "Drizzle"
6 = "Rain"
7 = "Frozen Rain"
8 = "Showers"
9 = "Mist"
10 = "Tornado"
11 = "Fog"
12 = "Smoke"
13 = "Hail"
14 = "Haze"
15 = "Ice Crystals"
16 = "Sand"
17 = "Snow Grains"
18 = "Snow"
19 = "Snow Showers"
20 = "Lightning"
21 = "Thundershowers"
CH1_TEMP = 20
CH1_HUM = 21
CH2_TEMP = 22
CH2_HUM = 23
CH3_TEMP = 24
CH3_HUM = 25
EVAP = 26
UV_INDEX = 27
SOLAR_RAD = 28
WIND_CHILL = 29
IN_HEAT_INDEX = 30
OUT_HEAT_INDEX = 31
DEW_POINT = 32
RAIN_RATE = 33
OUT_TEMP_RATE = 34
IN_TEMP_RATE = 35
BAROM_RATE = 36
CH1_TEMP_RATE = 37
CH2_TEMP_RATE = 38
CH3_TEMP_RATE = 39
MONTHLY_RAIN=40 *With .CSV Versions 1.01
YEARLY_RAIN=41 *With .CSV Versions 1.01
Derived Values:
MAX_TEMP_TODAY = 100
MIN_TEMP_TODAY = 101
MAX_TEMP_YESTERDAY = 102

MIN_TEMP_YESTERDAY = 103
BAROM_TREND = 104
    -1 = “Falling”
    0 = “Steady”
    1 = “Rising”
TEMP_TREND = 105
    -1 = “Falling”
    0 = “Steady”
    1 = “Rising”
AVG_WIND_SPEED = 106
AVG_WIND_DIR = 107
AVG_WIND_GUST = 108
MAX_GUST_YESTERDAY = 109
MAX_GUST_TODAY = 110
RAIN_YESTERDAY = 112
SEA_LEVEL_BAROM = 115