Cleveland Metro Parks #336

BGSU #519

Regional Science Consortium #55

**CLEVELAND METRO PARKS**

**Greathouse Wetlands**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** | | --- | --- | | 893 - 1 - 2150 (Modbus) | 3980 - 19 - Level (m) | | 894 - 2 - 2150 (Modbus) | 3981 - 20 - Velocity (m/s) | | 895 - 3 - 2150 (Modbus) | 3982 - 21 - Flow (m3/s) | | 896 - 4 - 2150 (Modbus) | 3983 - 22 - Volume (m3) | | 897 - 5 - iSIC Battery | 3984 - 23 - Battery (V) | |  |
|  |  |

**Ridgewood**

|  |  |
| --- | --- |
| 884 - 0 - 6920V2-2 | 7170 - 29 - Solar Rad (W/m2) |
| 885 - 1 - 2150 (Modbus) | 7171 - 30 - Wind Direction (Degree) 7172 - 31 - Wind Speed (mph) 7173 - 32 - Air Temperature (F) 7174 - 33 - Relative Humidity (%) 7175 - 34 - Barometric Pressure (inHg) 7176 - 35 - Daily Rain (in) 7177 - 36 - Rain Duration (sec) 7178 - 37 - Rain Intensity (in/h) |
| 886 - 2 - 2150 (Modbus) | 7179 - 38 - Battery (V) |

**REGIONAL SCIENCE CONSORTIUM**

**TREC Tower**

| **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** |
| --- | --- |
| 367 - 0 - WXT510/WXT520 | 2084 - 0 - Wind Direction (Degree) 2085 - 1 - Wind Speed (mph) 2086 - 2 - Max Wind Sp (mph) 2087 - 3 - Air Temperature (F) 2088 - 4 - Relative Humidity (%) 2089 - 5 - Barometric Pressure (inHg) 2090 - 6 - Daily Rain (in) 2091 - 7 - Rain Duration (sec) 2092 - 8 - Rain Intensity (in/h) |
| 368 - 1 - Unknown | 2093 - 9 - Solar Rad (W/m2) |
| 396 - 2 - iSIC Battery | 2392 - 18 - Battery (V) |

**Beach 2 Tower**

|  |  |
| --- | --- |
| 369 - 0 - WXT510/WXT520 | 2094 - 0 - Wind Direction (Degree) 2095 - 1 - Wind Speed (mph) 2096 - 2 - Max Wind Sp (mph) 2097 - 3 - Air Temperature (F) 2098 - 4 - Relative Humidity (%) 2099 - 5 - Barometric Pressure (inHg) 2100 - 6 - Daily Rain (in) 2101 - 7 - Rain Duration (sec) 2102 - 8 - Rain Intensity (in/h) |
| 370 - 1 - Unknown | 2103 - 9 - Solar Rad (W/m2) |
| 397 - 2 - iSIC Battery | 2393 - 11 - Battery (V) |

**Beach 2 Buoy**

| **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** |
| --- | --- |
| 371 - 0 - 6920V2-2 | 2104 - 0 - Temperature (C) 2105 - 1 - Sp Cond (uS/cm) 2106 - 2 - pH (N/A) 2107 - 3 - Turbidity+ (NTU+) 2108 - 4 - ODOSat (%) 2109 - 5 - ODO (mg/L) 5570 - 40 - BGA-Phycocyanin (Cell/mL) 18701 - 41 - pH mV (N/A) 18702 - 42 - Sonde Battery (V) |
| 372 - 1 - iSIC Battery | 2110 - 6 - iSIC Battery (V) |

**Beach 6 Buoy**

|  |  |
| --- | --- |
| 4197 - 1 - X2 Meta Parameters | 27614 - 1 - Processor Power (V) 27615 - 2 - RTC Power (V) 27616 - 3 - Primary Power (V) 27617 - 4 - Secondary Power (V) 27618 - 5 - Sensor Power (V) 27619 - 6 - Total System Current (mA) 27620 - 7 - Sensor Current (mA) 27621 - 8 - Internal Pressure (mBar) 27622 - 9 - Internal Temperature (C) 27623 - 10 - Internal Humidity (%) 27624 - 11 - Cell Signal Strength (dB) 27625 - 12 - Cell Status (N/A) |
| 4198 - 2 - 6920V2-1 | 27626 - 13 - Temperature (F) 27627 - 14 - Sp Cond (uS/cm) 27628 - 15 - pH (N/A) 27629 - 16 - pH mV (N/A) 27630 - 17 - Turbidity+ (NTU+) 27631 - 18 - ODOSat (%) 27632 - 19 - ODO (mg/L) 27633 - 20 - Battery (V) |

**Near Shore Buoy**

| **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** |
| --- | --- |
| 391 - 0 - iSIC Battery | 2284 - 0 - Battery (V) |
| 392 - 1 - Unknown | 2285 - 18 - Num Zero Crossing (N/A) 2286 - 19 - Havg Wave Height (m) 2287 - 20 - Tz Mean Spectral Period (N/A) 2288 - 21 - Maximum Wave Height (m) 2289 - 22 - Significant Wave Height (m) 2290 - 23 - Dominant Wave Period (sec) 2291 - 24 - H10 Wave Height (m) 2292 - 25 - T10 Wave Period (sec) 2293 - 26 - Tavg Wave Period (sec) 2294 - 27 - Tp Wave Period (sec) 2295 - 28 - Tp5 Wave Period (sec) 2296 - 29 - Hmo Wave Height (m) 2297 - 30 - Mean Wave Direction (Deg) 2298 - 31 - Mean Spread (N/A) |
| 393 - 2 - WS501 | 2299 - 32 - Air Temperature (C) 2300 - 33 - Relative Humidity (%) 2301 - 34 - Barometric Pressure (hPa) 2302 - 35 - Wind Speed (m/s) 2303 - 36 - Maximum Wind Speed (m/s) 2304 - 37 - Wind Direction (Degree) 2305 - 38 - Solar Radiation (W/m2) 2306 - 39 - Heading (Degree) |
| 394 - 3 - EXO2 | 2307 - 40 - Water Temperature (C) 2308 - 41 - Specific Conductivity (uS/cm) 2309 - 42 - pH (N/A) 2310 - 43 - Turbidity (NTU) 2311 - 44 - DO % Saturation (%) 2312 - 45 - Dissolved Oxygen (mg/L) 4959 - 49 - BGA-PC (ug/L) |
| 395 - 4 - 19HVS | 2313 - 46 - Latitude (Deg) 2314 - 47 - Longitude (Deg) 2315 - 48 - Altitude (m) |

**Bay Buoy**

|  |  |
| --- | --- |
| 1547 - 0 - iSIC Battery | 6200 - 0 - Battery (V) |
| 1548 - 1 - EXO2 | 6201 - 1 - Water Temperature (C) 6202 - 2 - Specific Conductivity (uS/cm) 6203 - 3 - pH (N/A) 6204 - 4 - Turbidity (NTU) 6205 - 5 - DO % Saturation (%) 6206 - 6 - Dissolved Oxygen (mg/L) 6207 - 7 - BGA (N/A) 6208 - 8 - BGA RFU (RFU) 6209 - 9 - Chlorophyll (ug/L) 6210 - 10 - Chlorophyll RFU (RFU) |

**Walnut Creek Buoy**

| **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** |
| --- | --- |
| 1674 - 0 - iSIC Battery | 6737 - 0 - Battery (V) |
| 1675 - 1 - WS501 | 6738 - 1 - Air Temperature (C) 6739 - 2 - Relative Humidity (%) 6740 - 3 - Barometric Pressure (hPa) 6741 - 4 - Wind Speed (m/s) 6742 - 5 - Maximum Wind Speed (m/s) 6743 - 6 - Wind Direction (Degree) 6744 - 7 - Solar Rad (W/m2) 6745 - 8 - Heading (Degree) |
| 1676 - 2 - S500 IWMS | 6746 - 9 - Hm0 (WVHT) Wave Height (m) 6747 - 10 - Tp (DPD) Wave Period (sec) 6748 - 11 - Tz (APD) Mean Spectral Period (N/A) 6749 - 12 - Mean Wave Direction (Deg) 6750 - 13 - Significant Wave Height (m) 6751 - 14 - H10 Wave Height (m) 6752 - 15 - Havg Wave Height (m) 6753 - 16 - Maximum Wave Height (m) 6754 - 17 - Dominant Wave Period (sec) 6755 - 18 - T10 Wave Period (sec) 6756 - 19 - Tavg Wave Period (sec) 6757 - 20 - Tp5 Wave Period (sec) 6758 - 21 - Num Zero Crossing (N/A) 6759 - 22 - Wave Steepness (N/A) 6760 - 23 - Mean Spread (N/A) |
| 4190 - 3 - 19HVS | 27573 - 24 - UTC Time (hhmmss) 27574 - 25 - Latitude (Deg) 27575 - 26 - Longitude (Deg) 27576 - 27 - Altitude (m) |

**BGSU**

**BGSU Sandusky [Last uploaded data 9-2017]**

| **SensorID - ExternalID - Sensors** | **ParameterID - ExternalID - Parameters** |
| --- | --- |
| 1288 - 0 - iSIC Battery | 5311 - 0 - Battery (V) |
| 1290 - 2 - EXO2 | 5321 - 10 - Temperature (C) 5322 - 21 - Sp Cond (uS/cm) 5323 - 12 - pH (N/A) 5324 - 13 - Turbidity (NTU) 5325 - 14 - Chlorophyll (ug/L) 5326 - 15 - Chlorophyll RFU (RFU) 5327 - 16 - BGA-Phycocyanin (ug/L) 5328 - 17 - BGA-Phycocyanin RFU (RFU) 5329 - 18 - ODOSat (%) 5330 - 19 - ODO (mg/L) |

**Sandusky Bay Intake [Last uploaded data 9-2017]**

|  |  |
| --- | --- |
| 1434 - 0 - EXO2 | 5839 - 0 - Temperature (C) 5840 - 1 - Sp Cond (uS/cm) 5841 - 2 - pH (N/A) 5842 - 3 - Turbidity (NTU) 5843 - 4 - BGA-Phycocyanin RFU (RFU) 5844 - 5 - BGA-Phycocyanin (N/A) 5845 - 6 - Chlorophyll (ug/L) 5846 - 7 - Chlorophyll RFU (RFU) 5847 - 8 - ODOSat (%) 5848 - 9 - ODO (mg/L) |
| 1435 - 1 - iSIC Battery | 5849 - 10 - Battery (V) |