# Air Quality Reference Site :: Datalogger Wiring Table

Urbanova :: Laboratory for Atmospheric Research at Washington State University

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Description | Channel | Color | CR6 | Description | Channel | Color | CR6 |
| Weather station  (MaxiMet GMX600) | SDI-12 data | white | U1 |  |  |  |  |
| power input | red | 12V |  |  |  |  |
| power ground | black | G |  |  |  |  |
| signal ground | green | ⏚ |  |  |  |  |
| shield | bare | ⏚ |  |  |  |  |
| NOX analyzer (2B model 405 nm) | RS232 Rx (DCE/3) | brown | U3 | CO2 analyzer (Licor LI-840A) | RS232 Rx (DTE/2) | white | C1 |
| RS232 Tx (DCE/2) | white | U4 | RS232 Tx (DTE/3) | brown | C2 |
| RS232 ground | yellow | ⏚ | RS232 ground | yellow | ⏚ |
| O3 analyzer (2B model 205) | RS232 Rx (DCE/3) | brown | U5 | Flowmeter (TSI 4043) | RS232 Rx | white | C3 |
| RS232 Tx (DCE/3) | white | U6 | RS232 Tx | yellow | C4 |
| RS232 ground | yellow | ⏚ | RS232 ground | gray | ⏚ |
| SO2 analyzer  (Teledyne T100U) | voltage signal (+) | white | U7 |  |  |  |  |
| voltage signal (-) | green | U8 |  |  |  |  |
| shield | bare | ⏚ |  |  |  |  |
|  |  |  | U9 |  |  |  |  |
|  |  | U10 |  |  |  |  |
|  |  | ⏚ |  |  |  |  |
|  |  |  | U11 |  |  |  |  |
|  |  | U12 |  |  |  |  |
|  |  | ⏚ |  |  |  |  |