

Data Validation Checklist



Site:

Year:

Quarter:

Initials

Data Review Level 0.

1. Performed automatically by AdvM2 DAS

Data Review Level 1.

1. All data that is outside of the operating ranges of the sensor/sampler has been automatically invalidated by the DAS.
2. Data has been reviewed for completeness. Missing data has been substituted with appropriate error code.
3. All data collected during Calibrations and Maintenance events has been invalidated and coded.
4. Data collected when sensor/sampler performance is suspect has been investigated and where appropriate invalidated:
 - A. Solar radiation at night
 - B. Precipitation when humidity is below 30%
 - C. Extended periods of calm winds
 - D. Any variable that doesn't change over an extended period has been investigated and if appropriate invalidated.

Comments:

Data Review Level 2.

1. There are other AdvM2 stations nearby.
2. There are no AdvM2 stations nearby. Use NWS data for comparison.
3. Full data set was reviewed for consistency. Any variances were investigated and if appropriate coded and invalidated.

Comments:

Data Review Level 3.

1. A final review of the data has been conducted and remaining anomalies have been coded and invalidated.
2. Data has been compared against specific reporting thresholds and applicable air quality standards. Exceptional data is called out in reports.

All levels of data review have been conducted and data was fully validated for the period specified above.

Name:

Signature:

Date: