

DIVISION OF AIR QUALITY
Ambient Monitoring Section
 217 West Jones Street / 1641 Mail Service Center
 Raleigh, NC 27699-1641

3/8/2022

QA BULLETIN NUMBER DAQ-17-006

TO: Stephen Allen (FRO Monitoring Coordinator) DocuSigned by: Stephen Allen 3/11/2022
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Jenifer Sides (WARO Monitoring Coordinator) DocuSigned by: Jennifer Sides 3/11/2022
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Tim Skelding (RRO Monitoring Coordinator) DocuSigned by: Tim Skelding 3/11/2022
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Paul Chappin (MRO Monitoring Coordinator) DocuSigned by: Paul Chappin 3/11/2022
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Steve Ensley (ARO Monitoring Coordinator) DocuSigned by: Steve Ensley 3/11/2022
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THROUGH: Patrick Butler AMS Chief DocuSigned by: Patrick Butler 3/9/2022
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Heather Carter, (FRO Air Quality Supervisor) DocuSigned by: Heather Carter 3/9/2022
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Betsy Huddleston (WARO Air Quality Supervisor) DocuSigned by: Betsy Huddleston 3/10/2022
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Taylor Hartsfield (RRO Air Quality Supervisor) DocuSigned by: Taylor Hartsfield 3/10/2022
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Denise Hayes (for MRO Air Quality Supervisor) DocuSigned by: Denise Hayes 3/10/2022
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Brendan Davey (ARO Air Quality Supervisor) DocuSigned by: Brendan Davey 3/9/2022
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Joette Steger PPB Supervisor DocuSigned by: Joette Steger 3/9/2022
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FROM: Jeremy Pope PPB Chemist DocuSigned by: Jeremy Pope 3/9/2022
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SUBJECT: MET AIO2 Verification update

Due to the AIO2's sensitivity to rain, it was determined that additional time was needed for a sensor to dry off so that it can read wind speed, wind direction, and the sigma of wind direction properly. For sites where a rain gauge is present, hours with rain need to be invalidated as well as the two hours following a rain event. For sites without a rain gauge, the regional ambient monitoring coordinator should examine the minute data to determine when the sensor is no longer affected by rain and apply null codes where appropriate. The easiest way to determine if rain has affected the sensor is if wind speed readings have a period of unrealistic values during a day that rain has occurred. This verification process will be added to the next revision of DAQ-07-003.2 and DAQ-07-003.3.

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This bulletin will be incorporated into DAQ-07-003.2 and DAQ-07-003.3 by	9/30/2022