



Acronyms for the Daily Summary Report

Parameters

BCSTAT – Status of the Aethalometer: .0 – Good, .0 R – Good & Tape Advanced, Any other number – Bad

BLACK CARBON – Black Carbon absorption of ultraviolet radiation at a wavelength of 880 nm

BP – Barometric Pressure

CO – Carbon Monoxide

H2S – Hydrogen Sulfide

INT_T – Internal Temperature of the shelter or room where the monitors are located

NO – Nitric Oxide

NO2 – Nitrogen Dioxide

NOX – Nitrogen Oxides

NOY – Total Reactive Nitrogen

NOYDIF – Total Reactive Nitrogen excluding Nitric Oxide (i.e. NOY – NO)

OUT_RH – Outside Relative Humidity

OUT_T – Outside Temperature

OZONE – Ozone computed by Standard Averaging

OZONE2 – Ozone computed by an Alternate Averaging Method

PER_F; PER_F2; PM10_FL; PM25_FL – Filter Life Used

PM10 – Particulate Matter up to 10 micrometers in size; measured by a Tapered Element Oscillating Microbalance

PM10B – Particulate Matter up to 10 micrometers in size; measured by a Beta Attenuation Monitor

PM25 – Particulate Matter up to 2.5 micrometers in size; measured by a Tapered Element Oscillating Microbalance

PM25(2) – Particulate Matter up to 2.5 micrometers in size; measured by a Tapered Element Oscillating Microbalance; corrected seasonally to better correlate with the Federal Reference Method

PM25B – Particulate Matter up to 2.5 micrometers in size; measured by a Beta Attenuation Monitor



RWD – (Resultant Wind Direction) Vector Wind Direction

RWS – (Resultant Wind Speed) Vector Wind Speed

SIGTHETA – (Sigma Theta) Standard Deviation of the Wind Direction

SO₂ – Sulfur Dioxide

SONICWD – Scalar Wind Direction

SONICWS – Scalar Wind Speed

TAPE COUNT – Increment of Tape used by the Aethalometer

UVPM – Organic Carbon absorption of ultraviolet radiation at a wavelength of 370 nm

Units

COUNT – Tape Count

DEG – Compass Degree

DEGC – Degree Celsius

MM/HG – Millimeter of Mercury

MPH – Mile per Hour

NG/M³ – Nanogram per Cubic Meter

PERCENT – Percent of Filter Used

PPB – Part per Billion

PPM – Part per Million

UG/M³ – Microgram per Cubic Meter