



**GEORGIA**  
DEPARTMENT OF NATURAL RESOURCES

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**ENVIRONMENTAL PROTECTION DIVISION**

**Ethylene Oxide Monitoring Report  
Data through October 2021**

**Air Protection Branch  
Ambient Air Monitoring Program  
4244 International Parkway, Suite 120  
Atlanta, GA 30354**

**November 30, 2023**

*Acronyms and Abbreviations*

AAMP	Ambient Air Monitoring Program
APB	Air Protection Branch
ASTM	American Society for Testing and Materials
ATMP	Air Toxics Monitoring Program
ATSDR	Agency for Toxic Substances and Disease Registry
°C	Degrees Celsius
CAA	Clean Air Act
CFR	Code of Federal Regulations
COC	Chain of Custody
CSTAM	Community-Scale Air Toxics Ambient Monitoring
DQA	Data Quality Assessment
DQI	Data Quality Indicator
DQO	Data Quality Objectives
EPA	Environmental Protection Agency
EPD	Environmental Protection Division
EPD Lab	Environmental Protection Division Laboratory
ERG	Eastern Research Group
GA DPH	Georgia Department of Public Health
GA EPD	Georgia Environmental Protection Division
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HAPs	Hazardous Air Pollutants
IB	Instrument Blank
ICAL	Initial Calibration
ICB	Initial Calibration Blank
inHg	Inches of mercury (measurement of pressure)
IO	Inorganic
IS	Internal Standards
ISO	International Organization for Standardization
K	Kelvin
kPa	Kilopascal
LSASD	Laboratory Services and Applied Science Division (EPA Region 4)
LIMS	Laboratory Information Management System
MB	Method Blank
MDL	Method Detection Limit
µg	Micrograms
µg/m <sup>3</sup>	Micrograms per Cubic Meter
µg/mL	Micrograms per Milliliter
MQO	Measurement Quality Objectives
MSA	Metropolitan Statistical Area
NATA	National Air Toxics Assessment
NATTS	National Air Toxics Trends Stations
NIST	National Institute of Standards and Technology
OAQPS	Office of Air Quality Planning and Standards

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PPB	Parts per Billion
PPBV	Parts per Billion Volume
PQAO	Primary Quality Assurance Organization
psig	Pounds per square inch in gauge (measurement of pressure)
QC	Quality Control
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
r	Correlation Coefficient
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
RT	Retention Time
SB	Solvent Blank
SOP	Standard Operating Procedure
TAD	Technical Assistance Document
TM	Trademark
TO	Toxic Organic
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

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## Executive Summary

The Georgia Ambient Air Monitoring Program (GA AAMP) of the Georgia Environmental Protection Division (GA EPD) began ethylene oxide monitoring in Cobb County and the City of Covington to address citizen concerns in 2019. The monitoring was conducted in areas identified in the National Air Toxics Assessment (NATA), released by the Environmental Protection Agency (EPA) in 2018, as areas requiring further study. GA AAMP also monitored ethylene oxide concentrations at urban and rural background sites. In 2020, GA AAMP began monitoring near another source of ethylene oxide in Fulton County. This is one of the largest undertakings of ambient ethylene oxide monitoring to date by any one agency.

The National Air Toxics Assessment (NATA) is a screening tool developed by EPA to help environmental agencies identify which pollutants, emission sources, and places they may wish to study further to better understand any possible risks to public health from air toxics. The NATA provided estimates of the risk of cancer and other serious health effects from inhaling air containing toxic pollutants from large and small industrial sources, on- and off-road mobile sources, fires, and biogenic sources. The 2018 NATA used the 2014 emissions to estimate cancer risks from air toxics at the census tract level. The NATA identified over 100 census tracts in the U.S. (three census tracts in Georgia) with potentially elevated long-term (chronic) cancer risks due to ethylene oxide emissions from stationary industrial sources. Ethylene oxide is a gas used to manufacture ethylene glycol (antifreeze), solvents, detergents, adhesives and to sterilize medical equipment.

GA AAMP monitored ambient levels of ethylene oxide in areas near three commercial sterilizers that use ethylene oxide to sterilize medical equipment: Sterigenics in Cobb County, Becton Dickinson (BD) in Covington, and Sterilization Services of Georgia (SSG) in Fulton County. In addition, GA AAMP monitored at three established ambient air monitoring sites for comparison of background levels: South DeKalb, NR-285, and General Coffee.

The first edition of this report included the ethylene oxide monitoring conducted from August 2019 through May 2021. That report was published and made available on the GA EPD webpage <https://epd.georgia.gov/ethylene-oxide-information>. This second edition incorporates the additional data collected from June through October 2021 and discusses the whole timeframe from August 2019 through October 2021.

From August 2019 through October 2021, GA AAMP collected a total of 1,744 air samples to analyze for ethylene oxide, with 1,574 of those samples considered valid and usable (including quality assurance samples), at a total of 22 sites, which was a 90% data completeness. While GA AAMP continues collecting ethylene oxide data as part of the National Air Toxics Trends Station (NATTS) network at the South DeKalb site, this report covers the dataset provided to the Center for Disease Control's Agency for Toxic Substances and Disease Registry (ATSDR) and the Georgia Department of Public Health (GA DPH) for the period of August 2019 through May 2021 for their public health consultations, as well as the remaining data that was collected from May 2021 through October 2021, which was collected under the Community-Scale Air Toxics Ambient Monitoring (CSTAM) grant. GA AAMP continued to collect air samples to analyze for ethylene oxide until September 2022, also under the CSTAM grant; all remaining information collected has been published on the GA EPD website.

In addition to this data collection in Georgia communities, the GA AAMP installed a continuous ethylene oxide instrument at the South DeKalb monitoring site to investigate the feasibility of continuous ethylene

oxide sampling in ambient air as part of the CSTAM grant. Continuous ethylene oxide analyzers have been under development by manufacturers for use in ambient monitoring. The GA EPD installed a continuous analyzer at the South DeKalb monitoring station to evaluate the technology and compare data to the canister samples.

After collecting samples for over two years, GA AAMP has found that levels of ethylene oxide measured in the areas near Sterigenics and BD are generally comparable to the concentrations measured at the background sites. Most ethylene oxide concentrations near the facilities and near the background sites are in the range of 0.0-2.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Prior to the installation of new air pollution controls, measured ethylene oxide concentrations in the areas near SSG were higher than the background sites; however, after the installation of the new controls the measured ethylene oxide concentrations were comparable to the background sites. The ethylene oxide concentrations measured at the background sites, far away from any known source of ethylene oxide emissions, suggest that there are other sources of ethylene oxide. More research is needed to better understand background concentrations.

The ethylene oxide data is quality assured by GA AAMP according to an EPA approved *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program Ethylene Oxide (QAPP)*. Both the data and the QAPP are available on the GA EPD website (<https://epd.georgia.gov/ethylene-oxide-information>).

During this study, GA AAMP encountered many technological development issues. GA AAMP has worked closely with EPA, Eastern Research Group (ERG) Laboratory, and the GA EPD Laboratory (EPD Lab) on these issues. ERG is the contract laboratory for EPA for air toxics programs such as the National Air Toxics Trends (NATTS) sites. Also, they are the laboratory utilized by EPA for previous ethylene oxide studies. GA AAMP utilized ERG for analysis of the ethylene oxide samples collected during this portion of the study. Additionally, after the CSATM grant sampling period, GA AAMP utilized the EPD Lab for analysis of ethylene oxide samples collected in October 2021.

During the course of this study, there have been a number of challenges. These challenges make it difficult to draw anything but the broadest conclusions from this study. The two biggest challenges which affected the quality of the data collected in this study are:

- The method detection limit, which is the lowest concentration at which ethylene oxide can be confidently reported; and
- The inherent bias of some of the collection canisters.

The method detection limit for ethylene oxide that can be achieved by the analytical laboratories is well above the risk level set by EPA. According to the *Technical Assistance Document for the National Air Toxics Trends Stations Program, Revision 4*, dated July 2022, many samples have been measured in the analytical noise of the method which is generally five times the method detection limit. Because the concentrations measured are so low, many of the quality indicators, such as precision or repeatability of the sample result, are not within EPA-defined validation criteria.

Canister studies conducted by EPA's Office of Research and Development (ORD) and the EPD Lab confirmed that the concentration of ethylene oxide increases over time in some canisters used to collect the samples. Approximately 25% of the samples collected by the GA EPD were potentially biased by this ethylene oxide "growth" in the canisters. To ensure that the concentration was characterized in a

conservative manner, the data in this report is presented both with and without the samples affected by the canister bias.

GA EPD continues to work with EPA as they work to improve the test method, address the canister bias issue, and address other challenges outlined in this report. Improvements in the test method will improve the effectiveness of future studies.

## 1.0 Background

Approximately every three years from 2002<sup>1</sup> until 2018, EPA issued<sup>2</sup> a National Air Toxics Assessment (NATA) to identify air toxics, emission sources, and areas of the U.S. that require further study due to possible health risks from air toxics. The NATA relied on air quality modeling performed by EPA that takes into account many sources of air toxic emissions including large and small industrial sources, on-road and off-road mobile sources (e.g., cars trucks, construction equipment and trains), fires, and natural sources (e.g., emissions from trees). The NATA published in August 2018 relied on 2014 information taken from the National Emission Inventory (NEI) and identified 18 areas of the U.S. (over 100 census tracts) that required further study, including three census tracts in Georgia. The higher modeled risk in Georgia was associated with ethylene oxide, a gas used to manufacture ethylene glycol (antifreeze), solvents, detergents, adhesives and to sterilize medical equipment. In the NATA released in 2018, areas throughout the United States, including areas in Georgia, were flagged for the first time largely due to changes in the way EPA calculated the risk posed by ethylene oxide in 2016. In 2016, EPA reclassified ethylene oxide as a human carcinogen. Two commercial sterilizers that use ethylene oxide to sterilize medical equipment were identified as the sources of the ethylene oxide in these three census tracts – Sterigenics, Atlanta, Cobb County and Becton Dickinson (BD), Covington, Newton County. Although the NATA was released in 2018, its findings were based on information collected in 2014 that did not account for new air pollution controls installed after 2014.<sup>3</sup>

Using more up-to-date information for the two sterilization facilities identified in the NATA, the Georgia Environmental Protection Division (GA EPD) modeled<sup>4</sup> the impact of their ethylene oxide emissions on neighboring communities. The results of GA EPD's modeling efforts showed that the impacts, although not as high as those modeled in the NATA, required the installation of air pollution control technology reflecting the maximum degree of reduction in emissions.<sup>5,6</sup> Those controls were installed in 2020. EPA's NATA findings and GA EPD's modeling results generated concern in the communities surrounding the two facilities identified in the NATA.

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<sup>1</sup> The NATA released in 2002 used emissions data from 1996

<sup>2</sup> In 2021, EPA revised its Air Toxics Strategy, including the NATA program. In 2022, EPA released an [Air Toxics Screening Assessment](#) using emissions data from 2017.

<sup>3</sup> Both Sterigenics and BD controlled the back vents or chamber exhaust vents after 2014. In 2020, both Sterigenics and BD began operating indoor air controls to capture ethylene oxide emissions within their facility due to off-gassing.

<sup>4</sup> Computer models were used to predict the concentrations of toxic air pollutants (TAPs) being analyzed using facility information provided by the source and other information developed by GA EPD staff. The modeling results were compared to 15-min, 24-hour, and annual targets (AAC). GA EPD's 15-min and 24-hour targets were derived from Occupational Safety and Health Administration (OSHA) permissible exposure limits (PEL), OSHA Total Weight Average (TWA) PEL. GA EPD's annual targets were derived from U.S. EPA's risk values which are found in EPA's Integrated Risk Information System (IRIS) Risk Based Air Concentration (RBAC) database

<sup>5</sup> The Air Protection Branch's *Guideline for Ambient Impact Assessment of Toxic Air Pollutant Emissions*, revised May 2017

<sup>6</sup> BD also voluntarily installed additional air emission controls at their facility in Madison, Morgan County.

In June 2019, GA EPD began collecting ethylene oxide samples at the South DeKalb site, which is part of the National Air Toxics Trends Stations (NATTS) network.<sup>7</sup> In August 2019, GA EPD committed to monitoring air quality in Covington, Georgia and Cobb County, Georgia<sup>8</sup> for ethylene oxide. That same month, GA EPD and EPA held joint open house and community meetings<sup>9</sup> in Cobb County and in Covington to answer questions from concerned citizens. GA EPD also committed to monitoring background levels of ethylene oxide at two locations where there were no known sources of ethylene oxide for comparison, the South DeKalb and General Coffee monitoring sites. In September 2019, EPA approved GA EPD's monitoring plan and GA EPD began collecting air quality samples as part of an ambient air quality study. Refer to GA EPD's website <https://epd.georgia.gov/ethylene-oxide-information> for GA AAMP's *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program Ethylene Oxide* (QAPP) and *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program to Evaluate New and Emerging Technologies for Ethylene Oxide*.

In 2019, GA EPD sought to evaluate all stationary sources of ethylene oxide emissions in Georgia to further assess their potential public health risk. GA EPD's modeling revealed that Sterilization Services of Georgia (SSG), located in Fulton County, also required the installation of air pollution control technology reflecting the maximum degree of reduction in emissions. In January 2020, EPD began monitoring near SSG. The new controls at SSG became operational in 2020 and 2021. The Planning and Support Program of GA EPD conducted modeling using a similar approach to that used to evaluate a permit application for a new source, described in EPD's *Guideline for Ambient Impact Assessment of Toxic Air Pollutant Emissions*<sup>10</sup>. The maximum ground level concentration at the closest residences was compared to a target concentration referred to as the "acceptable ambient concentration" or AAC. The concentrations modeled were above EPD's AAC target, which aims for less than 1-in-a-million risk. The EPD *Guidelines* state that the control technology installed must "...reflect[s] the maximum degree of reduction in emissions..." if the modeled concentration is above the AAC.

The passive<sup>11</sup> sampling technology utilized for sampling in the communities near Sterigenics, BD, and SSG had not been previously used for a study of this magnitude. This technology was chosen because of the flexibility (no power source required) and small footprint, which allowed easy deployment into the surrounding communities. GA EPD was awarded a Community Scale Air Toxics Monitoring Grant<sup>12</sup> in November 2020 from EPA to evaluate the passive sampling technology and other emerging methods<sup>13</sup> alongside the traditional pressurized<sup>14</sup> sampling systems currently used in ambient air monitoring networks. This grant also allowed GA EPD to continue monitoring in the communities near Sterigenics, BD and SSG through October 2021.

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<sup>7</sup> The June 2019 sampling results were determined to be invalid due to issues at the EPA R4 Laboratory that analyzed the samples.

<sup>8</sup> [Press release announcing monitoring](#), August 16, 2019

<sup>9</sup> <https://www.epa.gov/hazardous-air-pollutants-ethylene-oxide/regional-information-ethylene-oxide>

<sup>10</sup> <https://epd.georgia.gov/air-protection-branch-technical-guidance-0/toxic-impact-assessment-guideline>

<sup>11</sup> Entech passive sampling systems fill an evacuated canister at a constant rate through a flow restrictor and do not require any power supply to operate.

<sup>12</sup> The monitoring conducted as part of the Community Scale Toxics Air Monitoring grant will provide insight and understanding of the impact of the measurement technologies on the quality of the data collected. This monitoring study supports EPA's Draft 2018-2022 Strategic Plan, Goal 1, "A Cleaner, Healthier Environment," Objective 1.1 "Improve Air Quality". GA EPD partnered with Georgia Tech on this grant.

<sup>13</sup> The evaluation of emerging technologies included the evaluation of a continuous ethylene oxide sampling system.

<sup>14</sup> Pressurized sampling systems (ATEC and Xonteck in this study) fill an evacuated canister by pushing ambient air into the canister through an electrical pump.

## 2.0 Monitoring Locations

To determine the ambient<sup>15</sup> monitoring sites near BD, Sterigenics, and SSG, GA AAMP considered the modeled concentrations of ethylene oxide that were generated by the Planning and Support Program of GA EPD. For detailed information on the modeling used to determine where sites were placed, see the GA AAMP's *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program Ethylene Oxide* (QAPP) dated August 2019 and subsequent revisions located on GA EPD's website <https://epd.georgia.gov/ethylene-oxide-information>.

To look at the wind patterns, the wind speed and direction was evaluated over a number of years to determine the typical direction of the wind by creating wind roses<sup>16</sup>. Wind rose data from airports near each facility was assessed by GA AAMP, and primary and secondary wind patterns were determined. The wind data from the Covington Municipal Airport was used for the areas near the BD facility, the wind data from the Dobbins Air Reserve Base was used for the areas near the Sterigenics facility, and the wind data from the Atlanta Fulton County Airport was used for the areas near the SSG facility. Distances from the nearby airports to the facility are shown in Figure 1, Figure 3, and Figure 5. Wind rose data from each airport is shown in Figure 2, Figure 4, and Figure 6. Upwind indicates that the wind is moving toward the facility and downwind indicates that the wind is blowing from the facility.

The wind roses were overlaid on Google Earth maps to help pinpoint the appropriate locations to place monitors around each facility. GA AAMP collected samples at four locations around Sterigenics and BD for each sampling event: primary upwind direction, primary downwind direction, secondary upwind direction and secondary downwind direction (indicated with red polygons for upwind and blue polygons for downwind in Figure 7 and Figure 9). Samples were taken approximately ¼ mile to ¾ mile from each facility in the four quadrants every six days. For the area near SSG, there was not a prominent wind direction. Also, only two to three sites were sampled in this area due to limited availability of suitable sampling sites<sup>17</sup>.

To help determine how the ethylene oxide concentrations changed over distance, comparisons were also made at distances of approximately ¼ mile, ½ mile, and 1 mile radius of each facility. This was accomplished each month by comparing a sample taken at approximately ¼ mile to a sample taken at either approximately ½ mile or 1 mile. Refer to Table 4 for more information.

The samplers were placed in the best practical locations to characterize emissions in the air in the communities near each facility, within the breathing zone, and with an open fetch for unobstructed air flow across the samplers on property that was not an industrial site<sup>18</sup>. Figure 8, Figure 10, and Figure 11 map where GA AAMP was able to find feasible locations to place the monitors. In addition, the table (Table 1, Table 2, and Table 3) with each figure gives details about the monitoring location being upwind or downwind based on the typical wind direction.

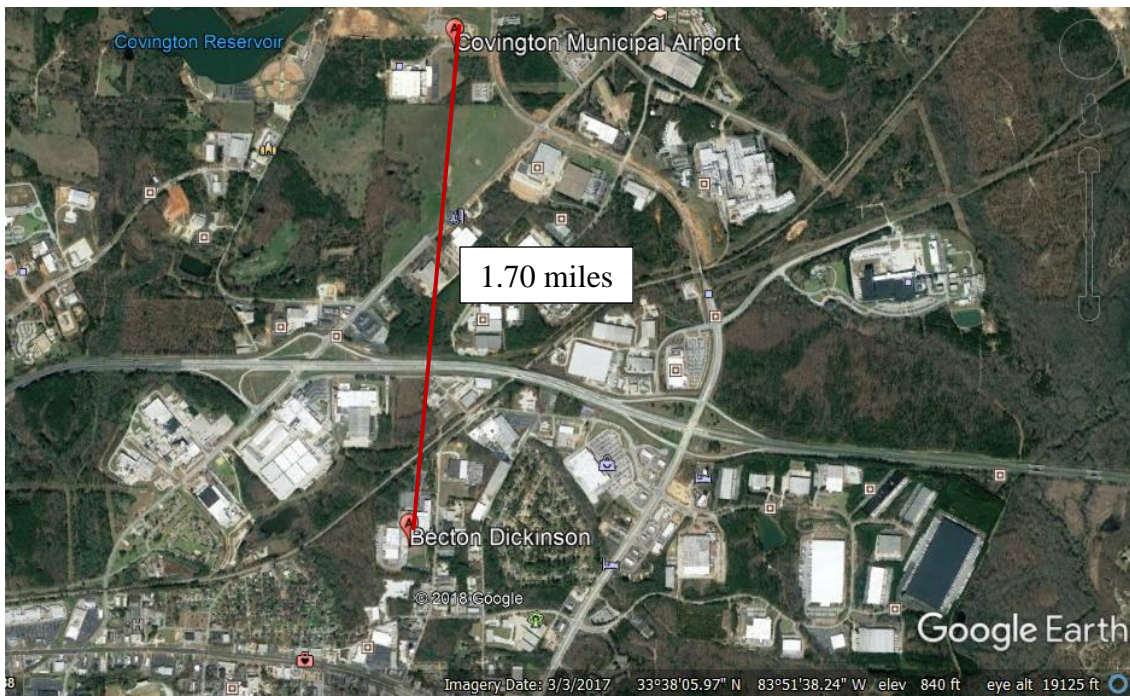
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<sup>15</sup> Ambient air is defined as the air that is “external to buildings, to which the general public has access” (Code of Federal Regulations Title 40 (40 CFR) Part 50 Section 50.1(e)).

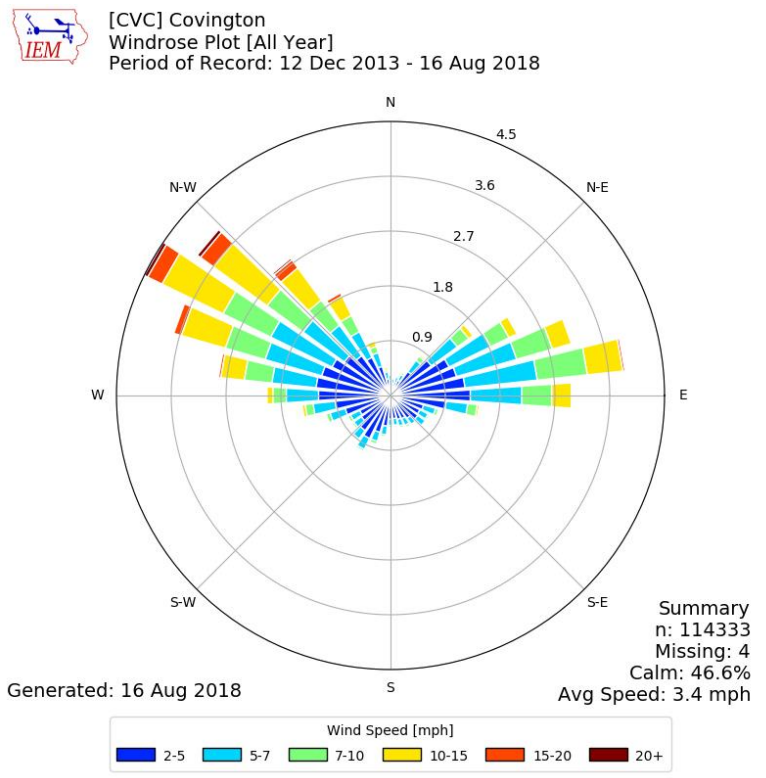
<sup>16</sup> [How to Read a Wind Rose \(epa.gov\)](https://www.epa.gov/air-quality-criteria/how-to-read-a-wind-rose)

<sup>17</sup> EPA has criteria for acceptable ambient monitoring sites found in 40 CFR Part 58 Appendix E. These criteria ensure that the ambient monitoring is not significantly impacted by obstructions or interferences (such as buildings blocking the wind path to the monitor or sites impacted by dust and contaminants).

<sup>18</sup> C1 site was located on the fenceline of the facility, and it was used to compare to samples collected at the C5 site.



**Figure 1. Location of Covington Municipal Airport in Relation to Becton Dickinson**



**Figure 2. Annual Wind Rose Data from Covington Municipal Airport, 2013-2018**

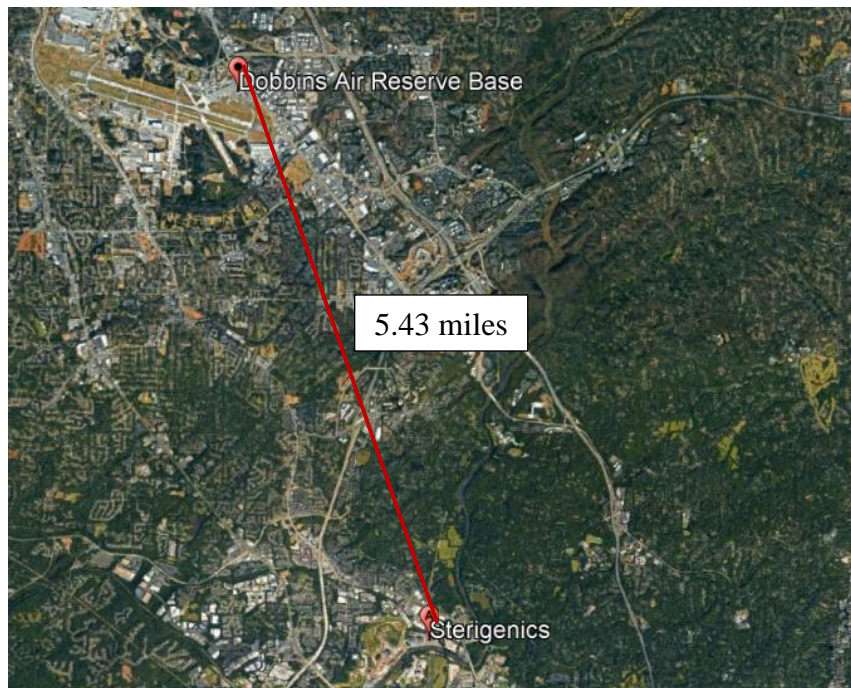


Figure 3. Location of Dobbins Air Reserve Base in Relation to Sterigenics

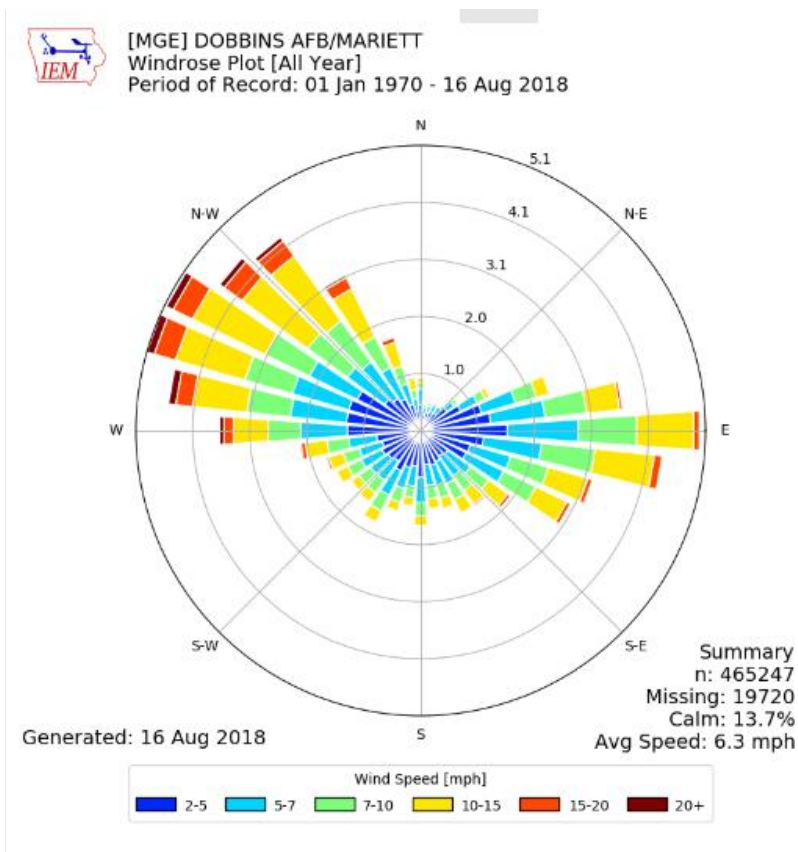
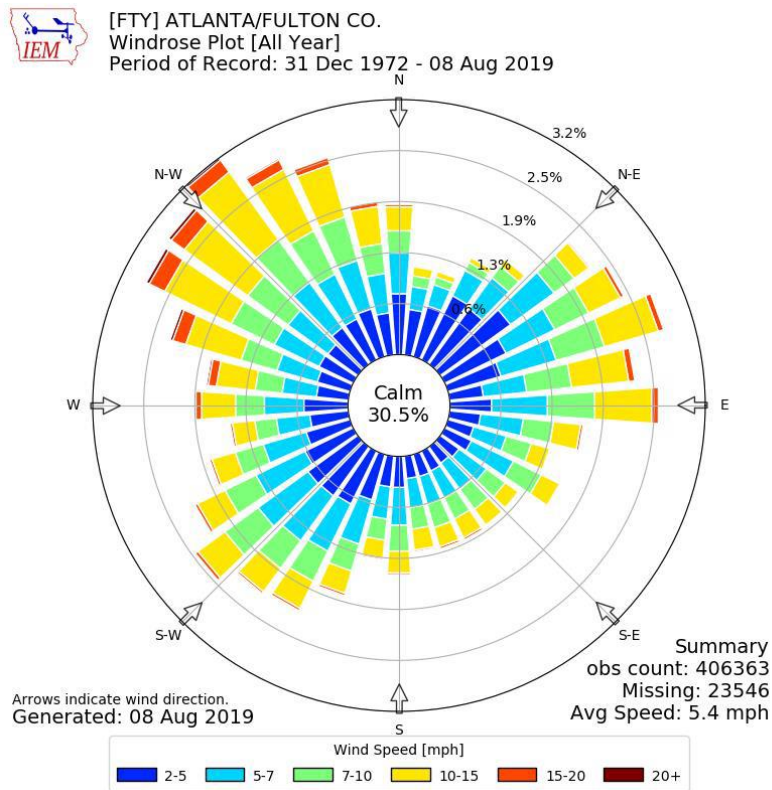


Figure 4. Annual Wind Rose Data at Dobbins Air Reserve Base, January 1970-August 2018



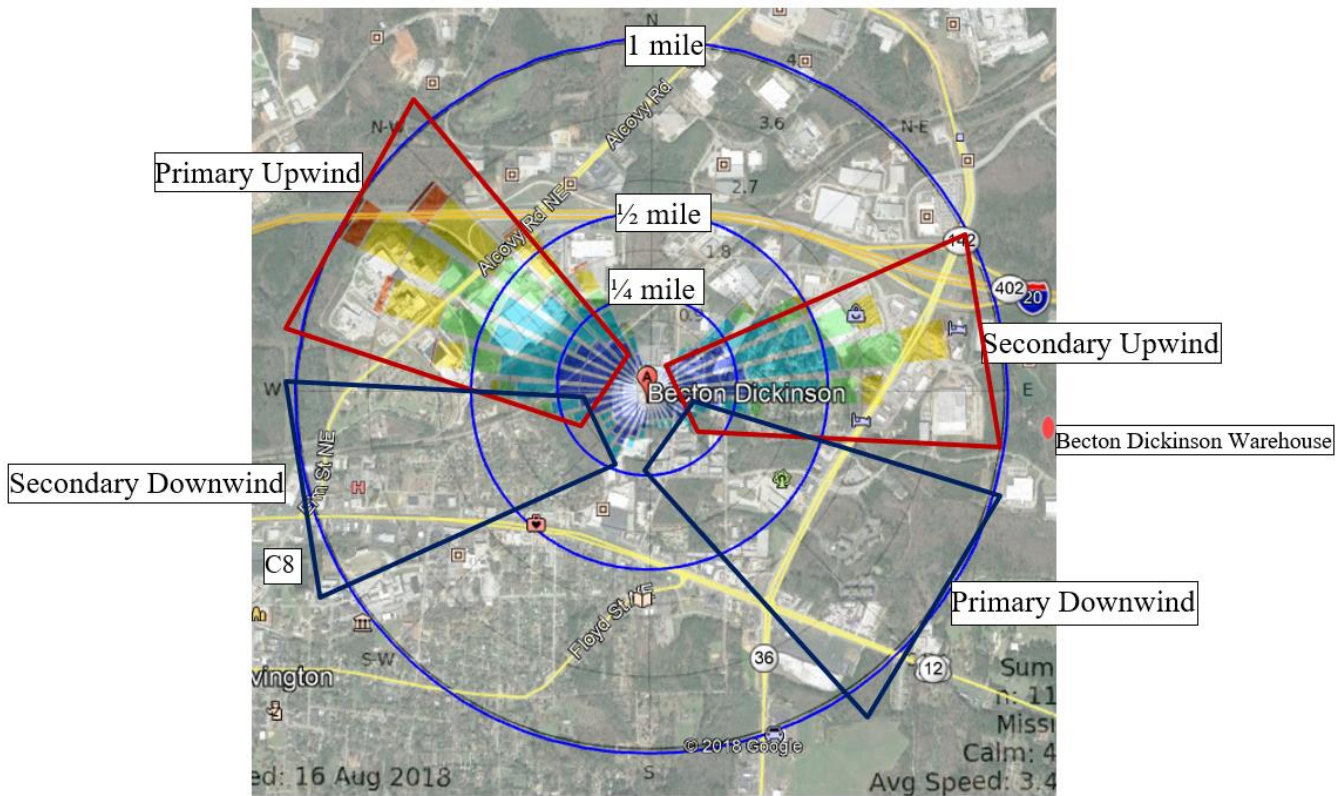


**Figure 5. Distance from SSG to Atlanta Fulton County Airport**



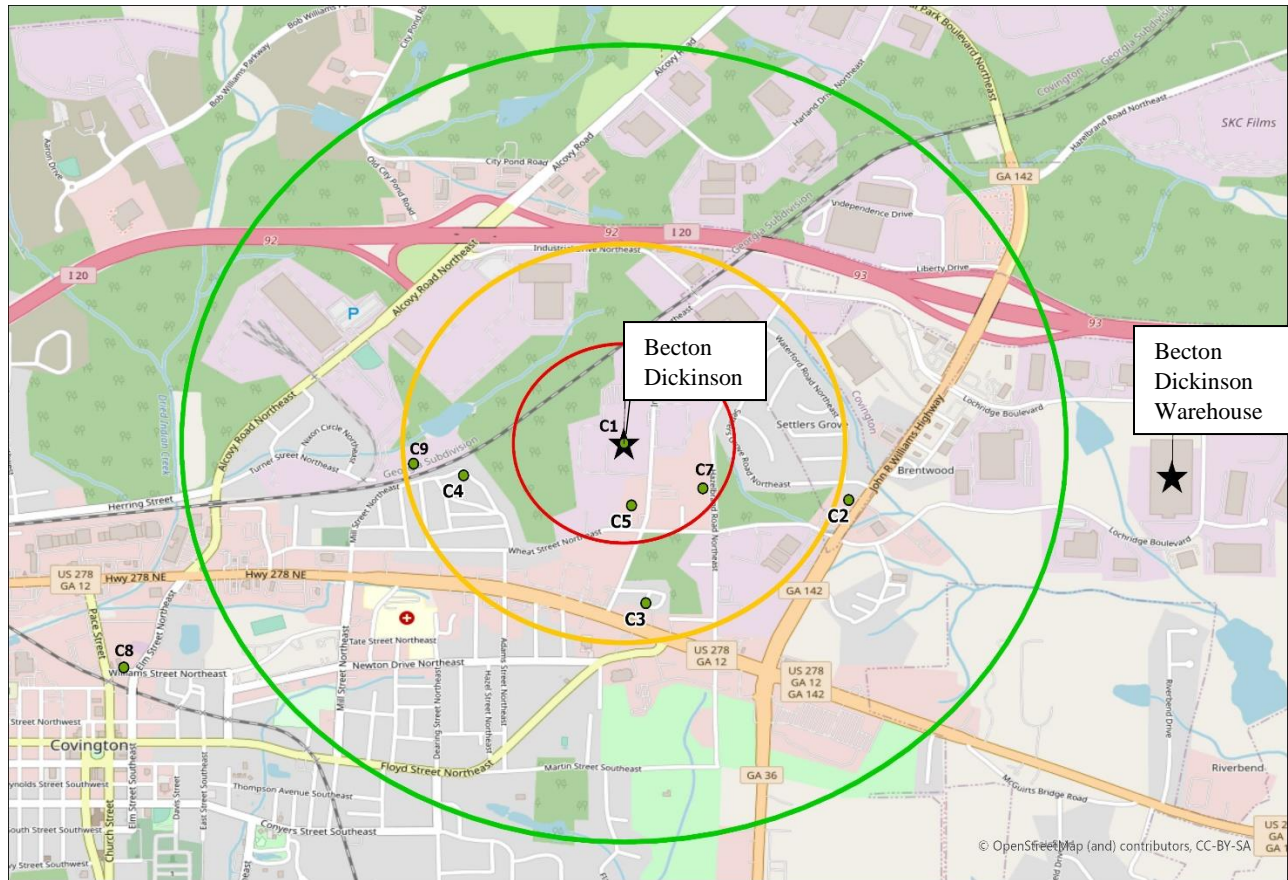
**Figure 6. Annual Wind Rose Data at Atlanta Fulton County Airport, December 31, 1970-August 8, 2019**

Figure 7 shows the wind directions around the Becton Dickinson facility, and the areas that GA AAMP tried to place monitors.



**Figure 7. Primary and Secondary Wind Directions and Distances from Becton Dickinson**

Figure 8 shows the actual locations that GA AAMP was able to place the monitors in relation to the Becton Dickinson facility.

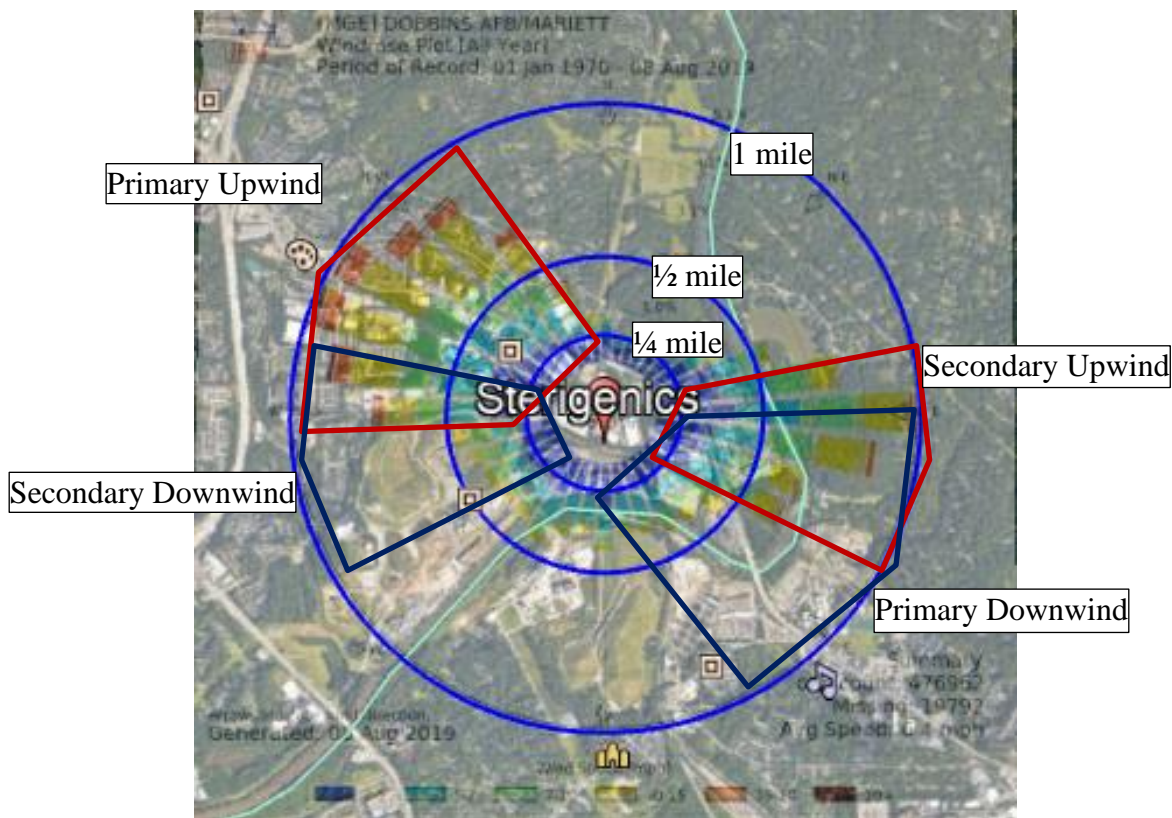


**Figure 8. Locations of ‘C’ Monitoring Sites**

**Table 1. Wind Direction of ‘C’ Monitoring Sites**

Site ID	Distance from facility	Why this site was selected
C1	Less than ¼ mile	Proximity to the facility
C2	About ½ mile	Captures primary downwind direction
C3	About ½ mile	Close to primary downwind direction
C4	Less than ¼ mile	Captures primary upwind and secondary downwind directions
C5	Less than ¼ mile	Captures primary downwind direction
C7	Less than ¼ mile	Captures primary downwind and secondary upwind directions
C8	About 1 mile	Captures secondary downwind direction
C9	About ½ mile	Captures primary upwind and secondary downwind directions

Figure 9 shows the wind direction around the Sterigenics facility, and the areas that GA AAMP tried to place monitors.



**Figure 9. Primary and Secondary Wind Directions and Distances from Sterigenics**

Figure 10 shows the actual locations that GA AAMP was able to place the monitors in relation to the Sterigenics facility.

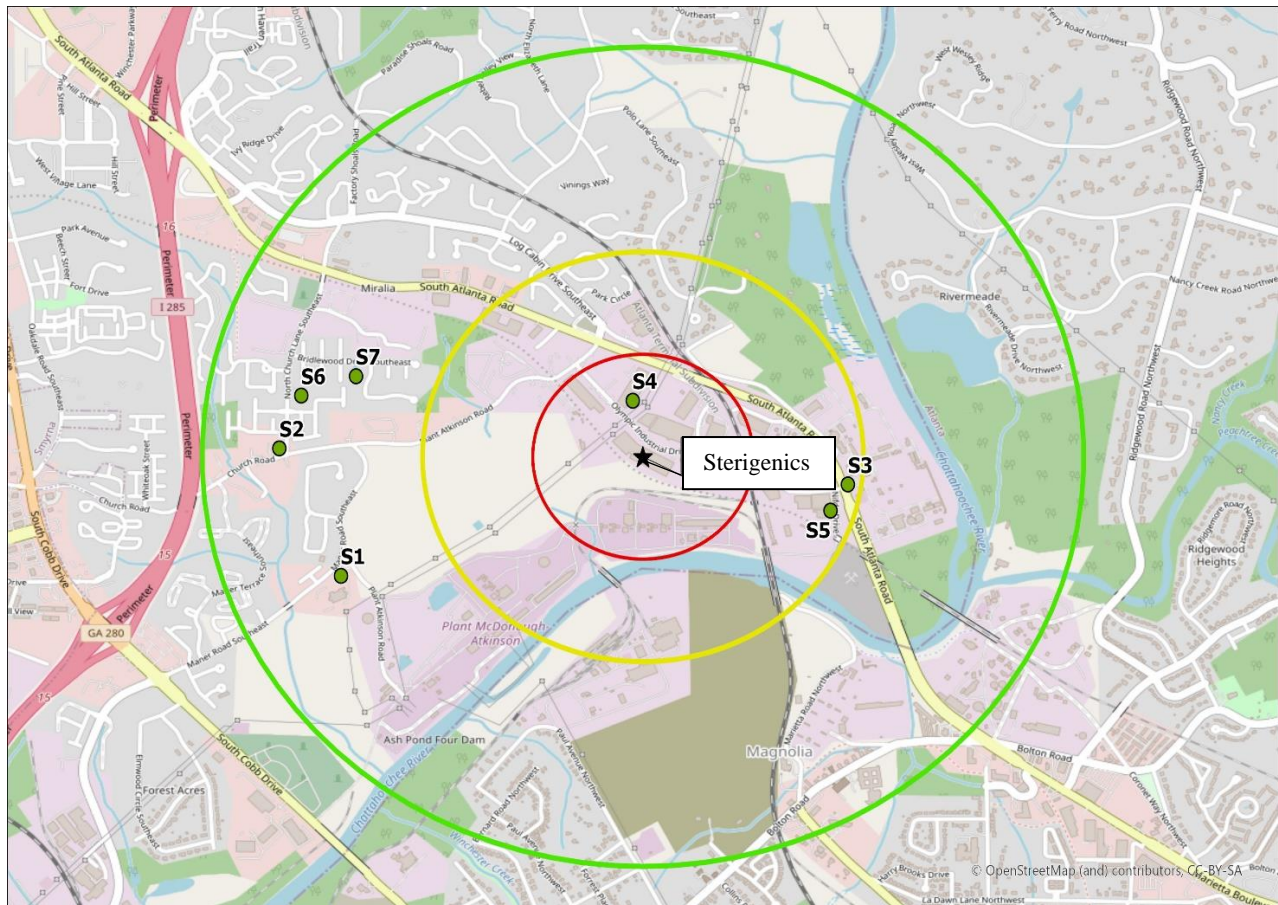
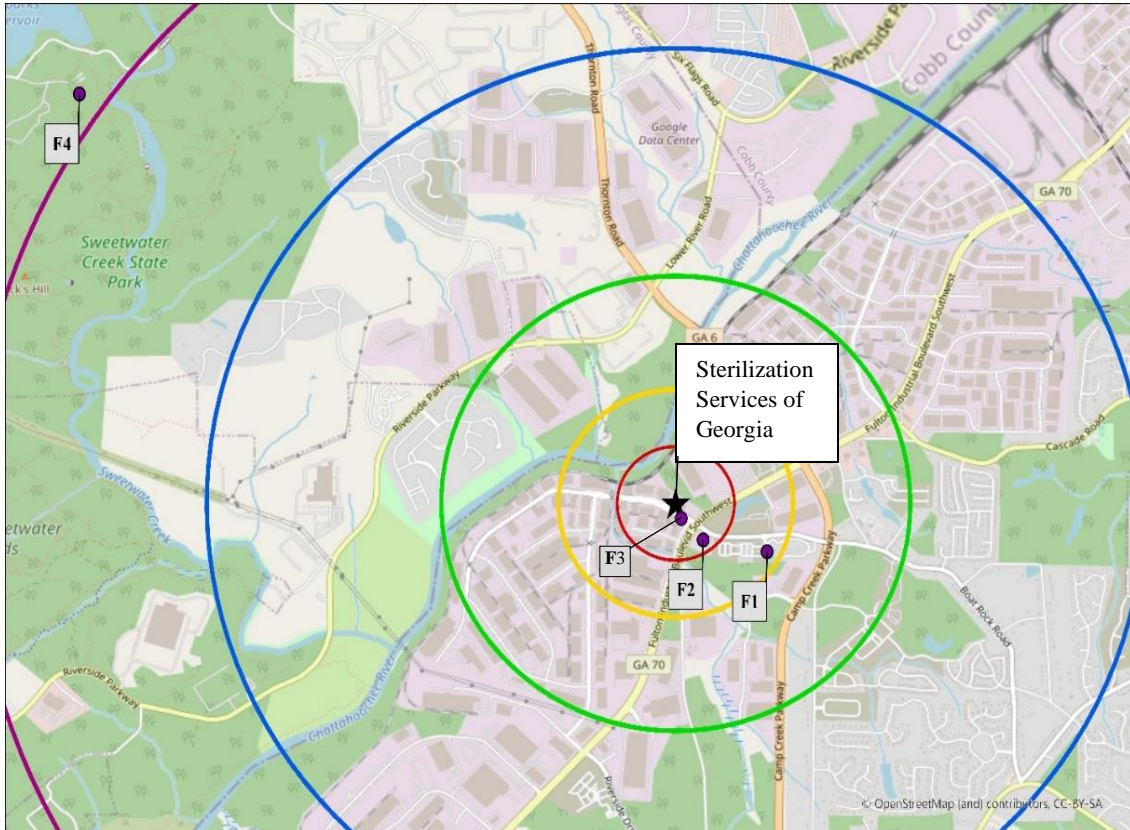


Figure 10. Locations of ‘S’ Monitoring Sites

Table 2. Wind Directions of ‘S’ Monitoring Sites

Site ID	Distance from facility	Why this site was selected
S1	About ¾ mile	Captures primary upwind and secondary downwind directions
S2	About ¾ mile	Captures primary upwind and secondary downwind directions
S3	About ½ mile	Captures secondary upwind and primary downwind directions
S4	Less than ¼ mile	Proximity to the facility
S5*	About ½ mile	Captures secondary upwind and primary downwind directions <b>*Note: site location was discontinued due to unstable roof</b>
S6	About ¾ mile	Captures primary upwind and secondary downwind directions
S7	About ¾ mile	Captures primary upwind and secondary downwind directions

Figure 11 shows the actual locations that GA AAMP was able to place the monitors in relation to the Sterilization Services of Georgia facility. These locations were selected due to the highest modeled concentrations at nearby residential areas in the vicinity of the facility. Sampling locations are within or adjacent to a residential community; however, due to the highly industrial area, no other acceptable monitoring sites were identified during the investigation.



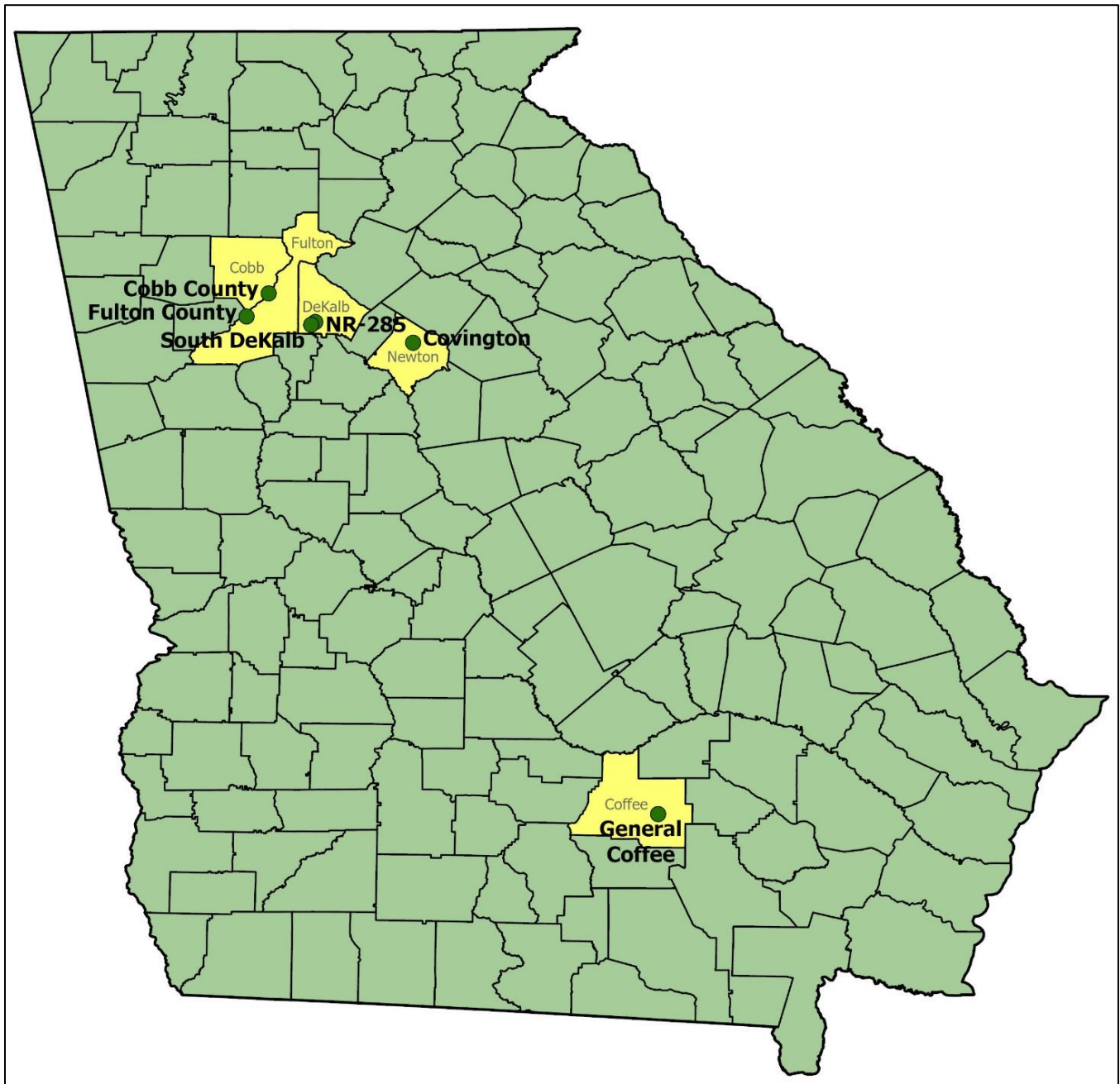
**Figure 11. Locations of ‘F’ Monitoring Sites**

**Table 3. Wind Directions of ‘F’ Sites**

Site ID	Distance from facility	Why this site was selected
F1	About ½ mile	Captures primary downwind direction
F2	Less than ¼ mile	Captures primary downwind direction
F3*	Less than ¼ mile	Captures primary downwind direction <b>*Note: site discontinued due to sampler being stolen</b>
F4	Approximately 3 miles	Captures primary upwind direction

Details regarding GA AAMP’s three established ambient air monitoring sites, South DeKalb (AQS ID 13-089-0002), NR-285 (AQS ID 13-089-0003), and General Coffee (AQS ID 13-069-0002) can be found in GA AAMP’s *Annual Ambient Air Monitoring Plan* at <https://airgeorgia.org/>. All samplers used in the study followed the monitoring objectives and procedures (from collection of data in the field to verification of the sample results) outlined in GA AAMP’s *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program Ethylene Oxide* (QAPP). For GA AAMP’s ethylene oxide

study areas across Georgia, refer to Figure 12 below. Each of the counties where EtO sampling occurred are highlighted yellow, and the specific area or site is indicated by a green dot.



**Figure 12. Areas with Ethylene Oxide Monitors in Georgia**

### 3.0 Data Collection

GA AAMP engaged in a long-term study collecting samples of ethylene oxide at five distinct areas (six sites) of Georgia, three communities near sterilization facilities, one rural area where there are no known sources of ethylene oxide, and one urban background area where there are no known sources of ethylene oxide, which includes the National Air Toxics Trends Station (NATTS) site.

Before the study began in August 2019, GA AAMP began preliminary sampling for ethylene oxide at the South DeKalb (13-089-0002) National Air Toxics Trends Site (NATTS) in June 2019 to gain an understanding of collection and analytical methods of the samples. These samples were sent to the EPA Region 4 Lab to gain an understanding of background concentrations. However, due to issues with the calibration materials at the EPA Lab, the results were not valid.

The August 2019 through October 2021 study covered by this report utilized passive samplers for the measurement of ethylene oxide in the Atlanta area as compared to the traditional pressurized sampling systems used in most ambient air monitoring networks. For each day that samples were collected in the Covington and Cobb County areas (and eventually the Fulton County area), a sample was also collected at the South DeKalb site utilizing the same passive sampling equipment. The measurements at the South DeKalb site provide information on the background concentration of ethylene oxide concentrations in an urban area which is not influenced by a known source of ethylene oxide emissions. In addition, a continuous ethylene oxide sampler<sup>19</sup> collected hourly data from April 1, 2021 through October 12, 2021 at the South DeKalb site. Refer to Section 4.0 for more information on each sampling method.

During the study, qualitative samples were taken at the South DeKalb site utilizing the passive sampling system as well as the pressurized<sup>20</sup> system that was used for the initial measurements prior to the commencement of this study. In addition, due to its proximity to the South DeKalb site and Interstate 285, GA AAMP also collected 14 ethylene oxide samples with the pressurized<sup>21</sup> VOCs canister collection at the Near Road-285 (NR-285) site (AQS site ID 13-089-0003) for qualitative comparison to the data collected at the South DeKalb site. Figure 13 shows the proximity of the two sites. This comparison was intended to provide insight on the contribution of mobile sources to the ethylene oxide concentration measured at the South DeKalb site; however, no detection could be made.

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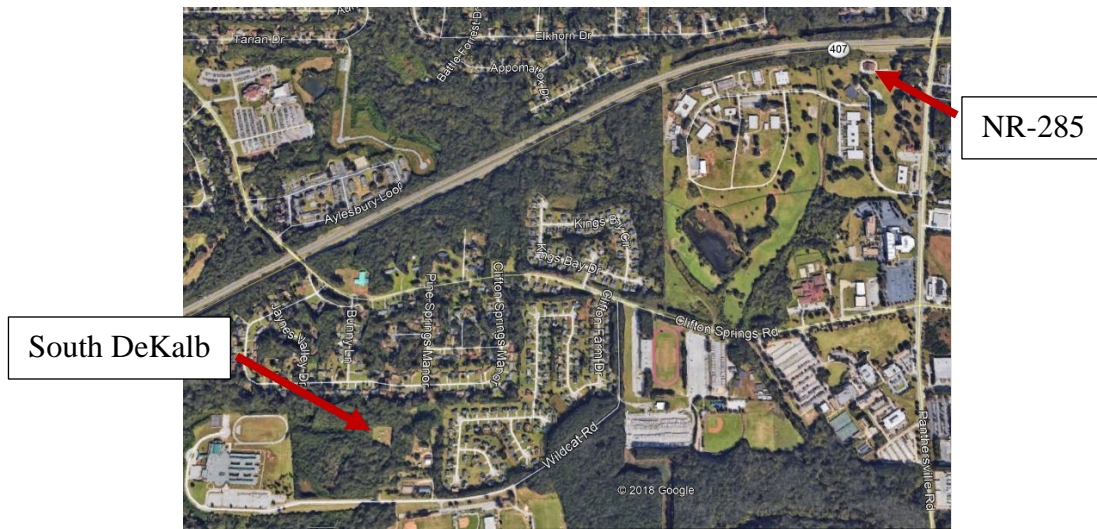
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<sup>19</sup> The Picarro continuous sampler was used at the South DeKalb site.

<sup>20</sup> The ATEC pressurized sampler was used at the South DeKalb site.

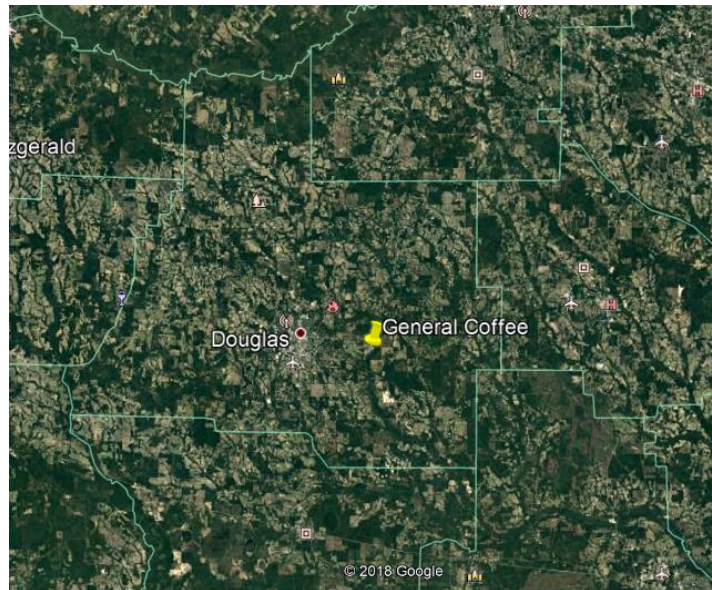
<sup>21</sup> The Xontek 910 pressurized sampler was used at the Near Road 285 site.





**Figure 13. Location of South DeKalb and NR-285 Sites**

GA AAMP also collected samples at a rural, “background” site to compare to the samples collected near the facilities. This helped determine how much ethylene oxide is in the ambient air, with no influence from urban air pollution or nearby facilities. This background site is located at the General Coffee site (13-069-0002) (Figure 14) in Coffee County. Samples were collected on a one in 12-day schedule at the General Coffee site using the pressurized<sup>22</sup> sampler installed at the site.



**Figure 14. General Coffee Site**

GA AAMP developed and followed an EPA approved *Quality Assurance Project Plan for the Georgia Ambient Air Monitoring Program Ethylene Oxide* (QAPP) to ensure that GA AAMP has a quality program to characterize the air for ethylene oxide emissions and ensure that the data is reported in a consistent manner. The QAPP, and the subsequent revisions, can be found on the GA EPD’s website (<https://epd.georgia.gov/ethylene-oxide-information>).

<sup>22</sup> The Xonteck 911 pressurized sampler is used at the General Coffee site.

The monitoring objectives for this work included the following specific aims:

- Characterizing ethylene oxide concentrations in the ambient air within approximately ¼ mile of three facilities (Sterigenics, Cobb County, Georgia; Becton Dickinson-Covington, Newton County, Georgia; and Sterilization Services of Georgia, Fulton County, Georgia)
- Providing background concentrations for comparison at two previously established GA AAMP network sites, South DeKalb (13-089-0002) and the General Coffee monitoring station (13-069-0002)
- Providing quality data for the public health consultations being conducted by the Agency for Toxic Substances and Disease Registry (ATSDR) and the Georgia Department of Public Health (DPH).

Because the risks presented in the NATA models are based on long term chronic exposure to ethylene oxide, providing long-term air quality monitoring data to public health agencies and professionals is critically important for concerned communities in Georgia and nationwide. This report summarizes the community level ethylene oxide data that GA AAMP has collected for over two years. As the levels of ethylene oxide being measured are very close to the detection limits of current instrumentation, the study is helping to understand biases in sample collection methods and technology that has had nationwide benefits. The urban and rural background sites are providing information about background levels of ethylene oxide. The ethylene oxide dataset has been shared with other agencies such as EPA, ATSDR and DPH. GA AAMP is also sharing “lessons learned” in this challenging study with other state environmental agencies.

Due to the difficulty in the laboratory analysis, the ethylene oxide samples for this study were analyzed by the EPA contract laboratory, ERG<sup>23</sup>, for consistency in measurements. In addition, GA AAMP utilized the EPD Lab for analysis of ethylene oxide samples in October 2021.

To summarize, GA AAMP sampled ethylene oxide as follows (also see Table 4 below):

- Every 6 days, following the EPA sampling schedule, samples were collected at four sites around each of the initially identified facilities, Becton Dickinson and Sterigenics, and at two to three sites near Sterilization Services of Georgia.
- Once a month at each of the community sampling areas and South DeKalb, a second sample was collected at one site using the same sampling technology and analyzed by the same laboratory. This sample served as a quality assurance (QA) sample to evaluate the precision of the sample collection. The QA sample was placed at the site with the expected highest concentration.
- Once a month at each of the community sampling areas, a spatial sample was taken at a different distance, but in the same wind direction as one of the normal samples collected, to see how the concentration of ethylene oxide varied over distance.
- Every 6 days, samples were collected at the South DeKalb site for comparison.
- Every 12 days, samples were collected at the background General Coffee site for comparison.
- Twelve pressurized and 2 passive samples were collected at the NR-285 site for a qualitative comparison.
- Continuous samples were collected at the South DeKalb site from April 1, 2021 through October 31, 2021.

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<sup>23</sup> For detailed information on ERG, see ERG’s *Support for the EPA National Monitoring Programs (UATMP, NATTS, CSATAM, PAMS, and NMOC Support) Quality Assurance Project Plan*, dated March 2019, which is available upon request.

A unique site number was assigned to identify and differentiate each of the monitoring sites. This method of identification also helped secure the integrity of the samples by not revealing the sites' specific locations while the study was ongoing.

#### **4.0 Methodology**

The measurement goal of the ethylene oxide study was to estimate the 24-hour average concentrations in units of micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). GA AAMP ethylene oxide monitoring project followed EPA Compendium Method TO-15 (*Compendium Method for the Determination of Toxic Organic Compounds in Air, United States Environmental Protection Agency, Section TO-15, January 1999*), as applicable, for collecting volatile organic compounds. The sampling instruments, sampling media, sampling schedules and monitoring purposes used by GA AAMP to collect air samples for the analyses of ethylene oxide are shown in Table 4 below. The sampling equipment used in the study can be categorized into three groups discussed below: passive samplers, pressurized samplers, and continuous. Figure 15 shows examples of each of these sampling instruments.

**Table 4: Sampling Instruments Used to Collect Ethylene Oxide Data**

Site Location	Sites Represented	Sampling Instruments	Sampling Media	Monitor Type	Sampling Schedule	Monitor Purpose
Covington area	C2, C3, C4*, C5	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Primary and collocated*	Primary – Every 6 days; Collocated* - Once a month	Characterization of air surrounding facilities
Covington area	C7, C8, C9	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Spatial	C7 – once a month C8 – every 3 days during shutdown C9 – every 3 days during shutdown	Qualitative spatial comparison
Covington area	C1	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Spatial/ fenceline	Every three days for 2 months	Qualitative spatial comparison
Cobb area	S1, S2, S3, S4*, S5	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Primary and collocated*	Primary – Every 6 days; S5** - every 6 days until shut down due to unstable roof; Collocated* - Once a month	Characterization of air surrounding facilities
Cobb area	S6, S7	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Spatial	Approximately once per month	Qualitative spatial comparison
Fulton area	F1, F2*	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Primary and collocated*	Primary – Every 6 days; Collocated* - Once a month	Characterization of air surrounding facilities
Fulton area	F3, F4	Entech CS1200E Passive Canister Samplers	6-Liter stainless steel canister	Primary	F3** - every 6 days until stolen F4** every 6 days	Qualitative spatial comparison
South DeKalb	South DeKalb	Entech CS1200E Passive Canister Sampler	6-Liter stainless steel canister	Primary and collocated	Primary – Every 6 days; Collocated – Once a month	Comparison/ background
South DeKalb	South DeKalb	ATEC 2200	6-Liter stainless steel canister	Primary	Every 6 days as of February 2021	Comparison/ background
South DeKalb	South DeKalb	Picarro G2920	Not applicable	Primary	Continuous (April 2021 – October 2021)	Comparison/ background
NR-285	NR 285	Xonteck Model 910 Air Sampler	6-Liter stainless steel canister	Primary	Approximately 12 per study	Qualitative comparison
General Coffee	General Coffee	Xonteck Model 911 Air Sampler	6-Liter stainless steel canister	Primary	Every 12 days	Rural background

\*collocated; \*\* limited availability of data



**Figure 15. Samplers Used to Collect Ethylene Oxide Data in Georgia (from left to right: ATEC 2200, Xonteck 911, Entech CS1200E passive sampler, Xonteck 910, Picarro G2920)**

#### 4.1 Passive Samplers

The Entech CS1200E is a high purity flow regulation system used to fill canisters at a constant rate from vacuum to within 1 pound per square inch (psi) of atmospheric pressure without requiring power. The CS1200E fully meets the requirements of US EPA Method TO-15 and other canister-based VOC air sampling methods. The CS1200E consists of three main parts – the vacuum regulator, the flow restrictor, and the inlet. The vacuum regulator houses a diaphragm and a control nozzle that allows the pressure to be maintained just below atmospheric pressure even as the pressure in the attached canister increases. By choosing the appropriate restrictor, based on the canister size and sampling duration required, the flow rate will remain constant. With any given restrictor, the flow rate can be adjusted by a factor of 3x by adjusting the position of the control nozzle. GA AAMP uses the CS1200ES4 which is the Silonite™ Coated kit with a Code 4+ restrictor.

#### 4.2 Pressurized Samplers

The ATEC Model 2200, Xonteck 910, and Xonteck 911 are programmable, single-channel air samplers pumping ambient air into a passivated 6-liter stainless-steel canister to determine the volatile organic compounds (VOCs) concentrations in ambient air. The samplers utilize a mass flow controller (MFC) to collect the sample at precise flow rates for periods of up to 24 hours. The pump has been designed to operate (with the inlet open to atmospheric pressure) at 25 psig. After collection, the stainless-steel canister is taken to a laboratory for analysis using gas chromatography/mass spectroscopy (GC/MS) according to U.S. EPA method TO-15.

#### 4.3 Continuous Sampler

In addition, at the South DeKalb site, GA AAMP operated a Picarro G2920 continuous ethylene oxide sampler (Figure 15) from April to October 2021. The Picarro G2920 uses cavity ring-down spectroscopy (CRDS) which is capable of measuring at levels less than 100 parts per trillion (ppt). The CRDS includes a three-mirror cavity in which the decay, or “ring down”, of light is measured continuously by a photodetector. The “ring down” time of the cavity with and without absorption of ethylene oxide is calculated automatically and continuously producing measurements in real-time.

The specific type of monitor used at each site is shown in Table 4, as well as sampling schedule, and the purpose for monitoring at that specific location.

#### 4.4 Sampling and Analytical Methods

The volume of air to be sampled is specified by the manufacturer and the EPA method requirements. Samples are expected to be 24 hours; therefore, the Site Operators must set the flow rates to collect a sufficient sample to obtain the minimum sample volume. If the sample period is less than 23 hours or greater than 25 hours, the sample is (voided) nulled. At the end of a successful sampling event, the Entech passive sampler reaches a subambient pressure, typically 2 to 4 inHg. The ATEC and Xonteck samplers should have an ending pressure of  $\geq +5$  psig.

To prevent contamination during transport to the laboratory, the VOCs stainless steel canisters are capped and handled to ensure that the valve-to-canister connection remains intact and the canister is not compromised. Once a month in each of the community sampling areas, a canister was shipped to GA AAMP and taken with the Site Operator as the other sampling canisters were deployed. The canister was then shipped back to the laboratory for analysis without collecting a sample. This field blank served to provide confirmation that no contamination was introduced in the sampling set up process.

The *Technical Assistance Document for the National Air Toxics Trends Station Program, Revision 3, dated October 2016* states the permissible holding times for the VOCs samples. The VOCs canister analysis should be within 30 days of end of sample collection or preparation according to TO-15 Compendium Sections 1.3, 2.3, and 9.2.8.1.

For the VOCs analytical method, the best prevention of contamination is not opening the canister in the laboratory prior to analysis. All post sampling Entech passive canisters that enter ERG and EPD Lab should have sub-ambient pressure of 2 to 4 inHg at the completion of the sampling period (all other samplers, i.e., the ATEC and Xonteck samplers should have an ending pressure of  $\geq +5$  psig). Care must be taken when the canisters are under vacuum and stored in the laboratory. If there is a slight leak in the canister cap or valve, then laboratory air can enter into the canister and contaminate the sample.

Prior to being used in the field at the beginning of the study, the passive ethylene oxide samplers and associated timers were sent to ERG for collection and analysis of a zero-air sample, as well as a leak check. Following the initial testing, the passive samplers were tested annually for the collection and analysis of a zero-air sample by the EPD Lab. This ensured that the sampler did not have any contamination. The initial canister pressure was checked prior to sample collection by measuring the canister vacuum with a pressure gauge. This initial pressure was documented on the sample collection form (chain of custody). Canisters must show  $\geq 28$  inHg prior to sampling.

Once a month, one of GA AAMP's ethylene oxide samplers at each facility was collocated (placed side by side) with an identical sampler that allowed precision determinations to be made. Collocated samplers were placed at the site with the highest expected concentration, based on the first few samples taken. For the data reported in this dataset, the collocated sampling site remained at the same site in each of the community sampling areas for consistency until the summer of 2021. At that point, GA AAMP reevaluated which sites were collecting the highest concentrations in each area up to that point and moved the collocated samplers to those respective sites. GA AAMP also reduced the sampling frequency to 1 in 12 days in the community areas and began shutting down sites. GA AAMP determined that the

concentrations were fairly steady after the installation of the controls. In addition, the EPD Lab analyzed the data that was collected in October 2021. EPA was informed of these updates as they occurred.

#### **4.5 Quality Assurance Methods**

An audit of the Site Operator's sample collection was conducted at each of the six locations (Cobb County, Covington, Fulton County, South DeKalb, NR-285, and General Coffee) during the study. This audit reviewed equipment, adherence to the Standard Operating Procedures (SOP), field documentation, and chain of custody records to ensure compliance with GA AAMP's QAPP.

Field blanks were collected for primary ethylene oxide samples once per month, as described in Section 4.4, for each of the community sampling areas (Covington, Cobb, and Fulton).

#### **4.6 Data Analysis Methods**

GA AAMP used Microsoft Excel, Microsoft PowerBI, open software R, and ESRI ArcGIS software for data analysis. Graphical representations were produced in Excel, R, and PowerBI and maps were produced in ArcGIS. Data analysis included monthly and annual trends; an overview of all data with stacked dot graphs; detail of mean, median, and outliers with box and whisker plots; and mapping the concentrations with wind data at each monitoring site in polar plots. Refer to Section 7.0 for data analysis performed.

### **5.0 Data Validation**

Data validation, performed by Site Operators and Data Validation Specialists, can be defined as confirmation, through objective evidence, that the particular requirements for a specific intended use are fulfilled. The data validation and verification processes are based on sound documentation and valid Quality Control (QC) and Quality Assurance (QA) checks. It is a systematic approach to produce data that is accurate and complete. GA AAMP performed data validation on the data received from ERG and EPD Lab.

Site Operators and Data Validation Specialists evaluate the data to establish and confirm that the data was collected according to this QAPP and the SOP requirements. The Data Validation Specialist estimates the potential effect that any deviation from the QAPP and SOP may have on the usability of the associated data item, its contribution to the quality of the reduced and analyzed data, and its effect on decisions.

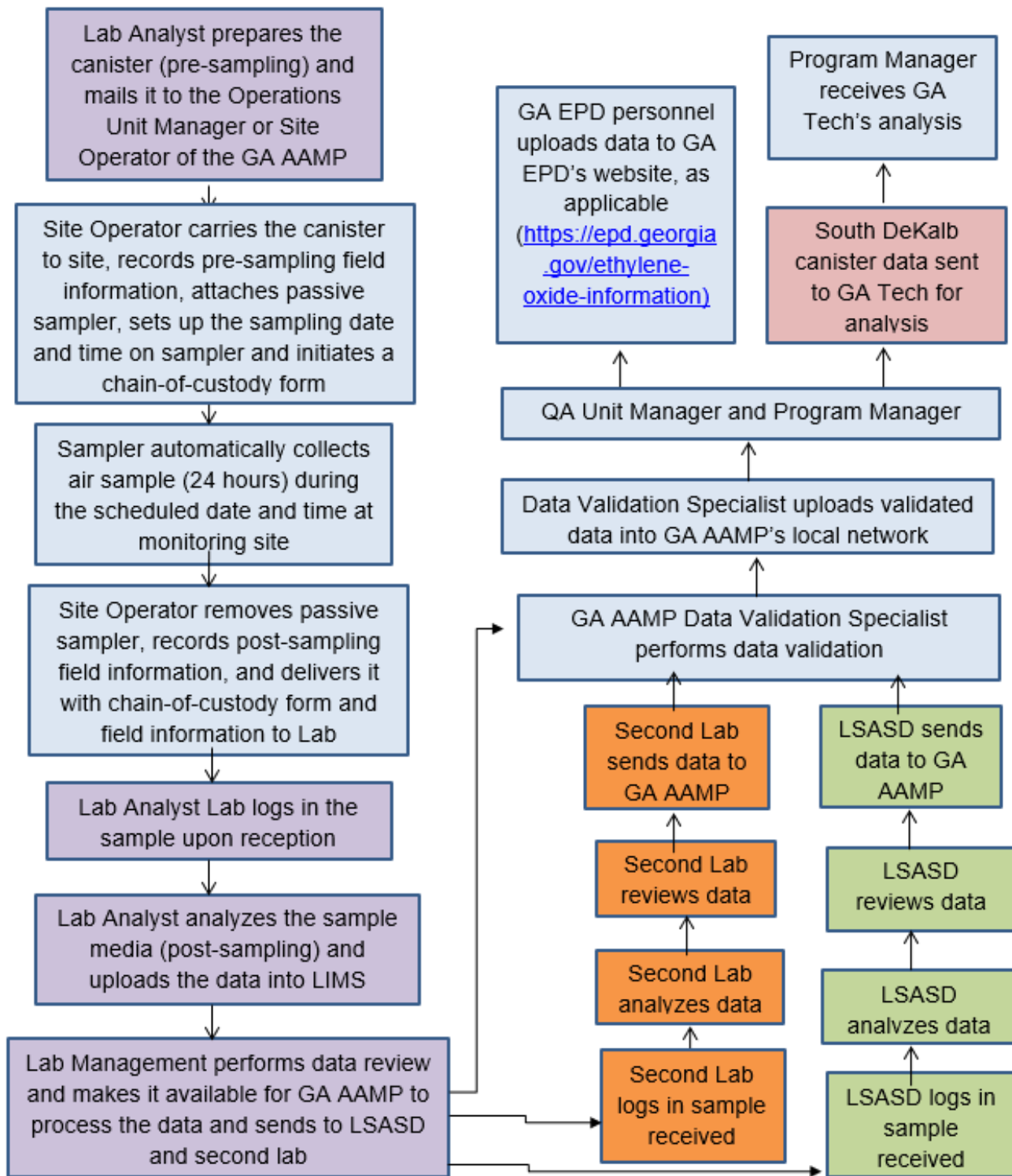
For ethylene oxide data, ERG and EPD Lab analyze the samples and summarize the data as well as the corresponding QA/QC information in the ERG and EPD Laboratory Information Management System (LIMS) and send a copy to GA AAMP. Once the laboratory analysis is complete, the data is sent to GA AAMP office via email in a 'read only' portable document format (pdf) and an Excel file. These files are 'read only' to ensure the data are not modified or deleted. The Data Validation Specialist reviews the laboratory data from ERG and EPD Lab as well as the corresponding QA/QC information, and the corresponding information on the chain-of-custody form and field data sheet. The measurement quality objectives (MQOs), the holding time, and delivery storage requirements for samples must be followed; otherwise, the data is flagged or invalidated. For the Picarro ethylene oxide sampler at the South DeKalb site, data is collected on a continuous basis and sent to AirVision. The Data Validation Specialist reviews hourly and minute ethylene oxide data, as well as the corresponding QA/QC information, logbook entry and the diagnostic channels data. Within the hourly data, there may be flags listed that are produced by

the data logger to show a disruption in the collection of data. The Data Validation Specialist reviews the AirVision flags, diagnostic channels, Operations 2 Unit Manager's logbook, as well as the site AirVision logbook entries and annotations, to determine the cause of deviation and apply the null/QA code that most accurately explains the cause of the operational deviation. Data is reviewed to ensure that appropriate flags or any other data qualifiers have been associated with the data and that appropriate corrective actions were taken. Upon completion of adjustments and/or corrective actions, the Data Validation Specialist uploads the final monitoring data, along with any applicable qualifier codes or null codes, to GA AAMP's local shared drive for the next steps of data validation and notifies the QA Unit Manager that the data is ready for his/her review.

The QA Unit Manager receives the folder prepared by the Data Validation Specialist and verifies the information therein. He/she ensures proper qualifying data codes or null data codes have been applied, and ensures data is acceptable and complete. The QA Unit Manager makes appropriate notation of review, and comments if any corrections need to be made by the Data Validation Specialist. The QA Unit Manager submits the data to the Program Manager for final approval, and the data is then forwarded through GA EPD management for posting on the GA EPD website (<https://epd.georgia.gov/ethylene-oxide-information>).

The following chart shows the flow of the integrated ambient ethylene oxide data collection process. The collection and management of the data involves two operational entities: GA AAMP (blue blocks), initial analytical lab (pink blocks). GA AAMP performs the field activities, and the analytical laboratory conducts the analytical operations. As of March 2020, the Administrative Support no longer printed a hard copy of the data to file it in the Air Protection Branch files. All files were stored electronically.

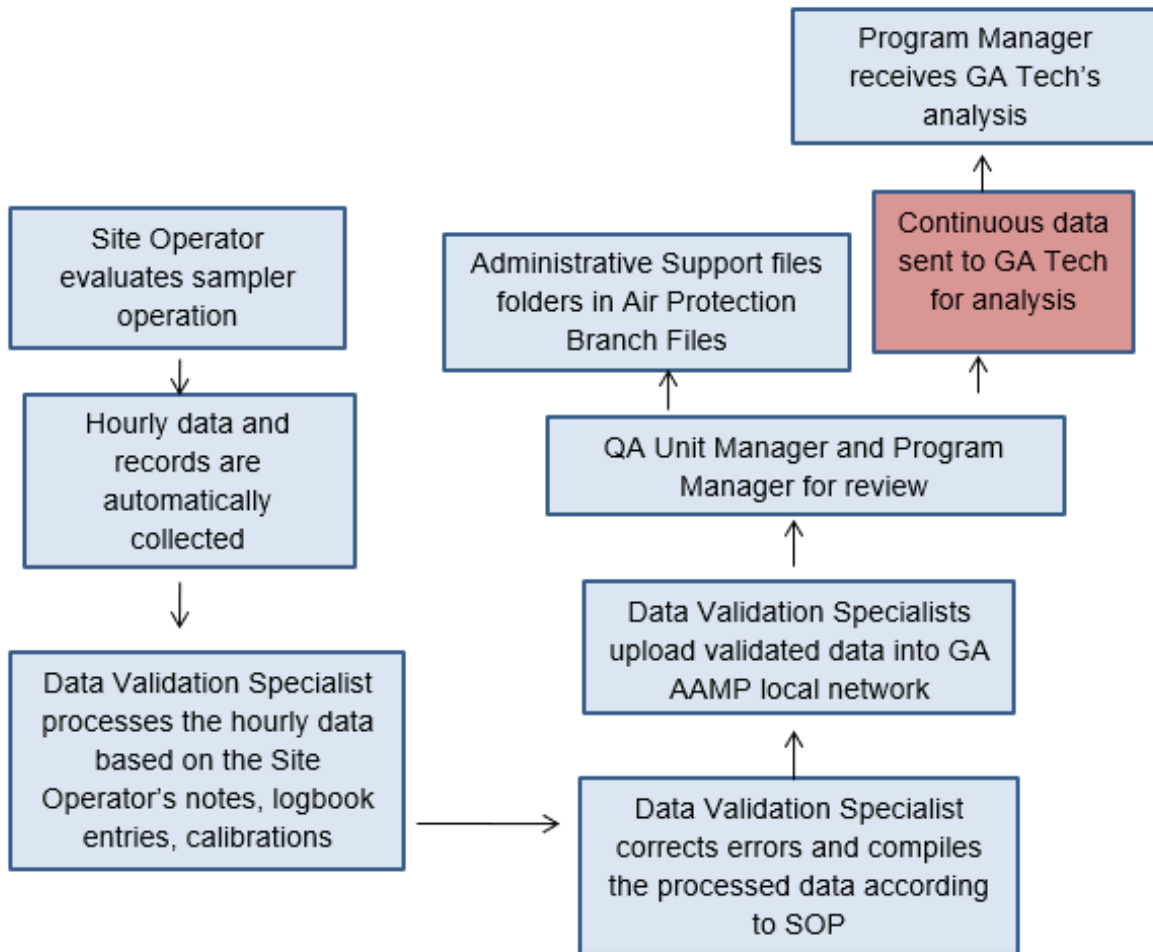




**Figure 16. Flow Path of Integrated<sup>24</sup> Ethylene Oxide Data**

<sup>24</sup> The term “Integrated” in this context means the samples are collected intermittently for a specified 24-hour timeframe.

For the continuous ethylene oxide data, the measurements are produced on site and do not involve the laboratory. GA AAMP performs the field activities and the data review for the Picarro. The following flow chart outlines the continuous data collection process.



**Figure 17. Flow Path of Continuous Ethylene Oxide**

**6.0 Challenges**

The NATA report released in 2018 suggested that very low concentrations of ethylene oxide were a concern in ambient air. At the time, states and EPA had very little experience in monitoring and analyzing for ethylene oxide at the very low concentrations found in ambient air. As GA AAMP began to monitor for ethylene oxide, there were multiple method development and procedural challenges. Table 5 shows the activities and decisions made throughout the ethylene oxide study. Starting in Section 6.1, the challenges are explained further.

**Table 5. Timeline of Activities and Decisions Made throughout the Ethylene Oxide Study**

<b>Date</b>	<b>Action/Decision</b>	<b>Facility Info</b>
<b>June 2019</b>	Sample taken at South DeKalb site	
<b>August 2019</b>	Sampling at South DeKalb begins	
<b>September 2019</b>	Sampling in Cobb and at General Coffee site begins; S5 site discontinued after 9/20/19	
<b>October 2019</b>	Sampling in Covington begins	
<b>October 30, 2019 – November 15, 2019</b>	Additional sites added in Covington to be used during accelerated sampling during facility shutdowns; C1, C7, and C8 sites discontinued after 11/15/19	
<b>October 31, 2019 – March 2, 2020</b>	Covington accelerated to 1-in-3 sampling during facility shutdowns: 10/30/19 – 11/8/19 and 2/22/20 – 3/2/20	
<b>November 2019</b>	ERG Ion to quantify ethylene oxide changed per EPA – data reprocessed by AAMP September 2019 - October 2019	
<b>December 2019</b>	Memo from EPA noting precision problems with low concentrations	
<b>January 2020</b>	Sampling in Fulton (F1 and F2) begins	SSG – Dry bed scrubbers for back vents operational 1/18/2020
<b>January 2020</b>	EPD begins reporting South DeKalb results to EPA’s Air Quality System (EPA’s repository for ambient data) as part of the National Air Toxics Trends Station (NATTS) reporting	
<b>March 2020</b>	Collection of Entech (passive) and ATEC (pressurized) at South DeKalb for comparison purposes begins	
<b>March 2020</b>		BD-Covington Dry Bed Scrubbers for fugitive emissions installed 3/31/2020
<b>April 2020</b>	Additional controls operational in Covington	
<b>April 2020</b>	EPD Lab discovered high background levels in new sampling canisters and notifies EPA	
<b>April 2020</b>	Sterigenics resumes operation in Cobb County with additional controls	Sterigenics Dry Bed Scrubbers for fugitive emissions operational 4/8/2020
<b>May 2020</b>	Ion 29 presenting issues for analyses at ERG (specifically noisy baseline; software integration issues; unresolved peak interference) – leads to column DB-624 change in Nov 2020	
<b>May 2020</b>	Collection of 1-in-6 samples at SDK for EPD Lab analysis for Community Scale Grant sampling begins	
<b>June 2020</b>		BD-Covington Dry Bed Scrubbers for fugitive

		emissions installed 6/30/2020
<b>August 2020</b>	EPA confirmation on canister issues discovered by EPD Lab	
<b>August 2020</b>	Notice one canister in a particular series of canisters, SATXXX, values seem high for April	
<b>September 2020</b>	Dataset received with LK flags applied by ERG – began tracking canister issues – EPD requested ERG investigate canister histories	
<b>September 2020</b>	AMP requested assistance from EPA on Chromatogram review to ensure due diligence on results	
<b>September 2020</b>	EPD starts flagging S2 samples due to the sampling location being published in a local newspaper	
<b>October 2020</b>	EPA releases a fact sheet to public regarding issues discovered with canisters dated on 10/01/2020	
<b>October 2020</b>	Site F3 sampling equipment stolen on 10/31/2021 – Police report filed	
<b>October 2020</b>	Community Scale Grant awarded to AAMP. EPD begins reporting NR285 and General Coffee results to EPA's Air Quality System (EPA's repository for ambient data)	
<b>November 2020</b>	AAMP reviewed sampling procedures regarding ending sampling pressures	
<b>November 2020</b>	ERG began using humidified zero air for canister holding studies and discovered EtO 'growth' possibilities	
<b>November 2020</b>	Began flagging sample results with LK based on canister histories – based on September 2020 data received from ERG	
<b>November 2020</b>	Noted canister issues are per specific cans, not based on can series/manufacture	
<b>November 2020</b>	AAMP/ERG discussion on possible smoke markers in samples – ERG screened samples and found no markers in samples	
<b>November 2020</b>	Standard operating procedures for Entech samplers updated for calibration verifications quarterly due to ending field pressure issues	
<b>December 2020</b>	AAMP released revised memo for all affected samples – information on the addition of LK flags for biased high results	Air pollution controls installed at BD's Global Distribution Center (GDC) become operational
<b>January 2021</b>	AAMP met with ERG to review flagging methodology	SSG - Fugitive controls dry bed scrubber startup 1/26/2021
<b>January 2021</b>	Picarro instrument integrated into the data management system	
<b>February 2021</b>	EPA held discussion on the use of timers for sample collection and previous issues in other studies (Feb 8, 2021)	
<b>February 2021</b>	AAMP requested ERG begin using NIST traceable gauges for all sample receipt can pressures - if sample still under vacuum, sample to be analyzed (following NATTS requirements)	

<b>February 2021</b>	Picarro calibration verification at EPD Lab on Feb 2: Recoveries were lower than expected using two separate EtO full strength standards from Apel-Reimer Picarro instrument reinstalled at South DeKalb Feb 9	
<b>March 2021</b>	EPA hosted multiple Agency discussion on types of samplers used for EtO collection. Additional discussion included the processes using weight of evidence for determining sample validity	
<b>March 2021</b>	AAMP discussion with ERG - all 5000 series canisters display bias issues. Some SAT canisters have issues. Ongoing investigations of individual canisters were conducted by ERG and AAMP leading to decisions made on sample validity. General Coffee (July 2020) and South DeKalb (Jan 2021) samples voided due to weight of evidence on canister histories.	
<b>March 2021</b>	Multiple discussions held with the manufacturer in order to determine which diagnostic parameters should be polled into the data acquisition system. (Parameters for Fine Laser Current, Fine Laser Current Range, and PZT Offset recommended by Picarro) Based on additional communications with the vendor, the polling frequency for all 'state' units updated in AirVision by QA Unit to poll at 1 minute interval: Warm box temp (44-46°C), Cavity Temp (79-81°C), Cavity Pressure (444-445°C), Outlet Valve, Status (963,000), H <sub>2</sub> O (lower than 5%), AirVision to poll in 1-minute interval During the integration into AirVision, the Zero Data Points had to be manually flagged by the AirVision software, as automation was not available. Logger and set time for up to 10 minutes of each hour for calibration zeroing	
<b>April 2021</b>	AAMP released memo discussing canister flagging methodology	
<b>May 2021</b>	EPA/AAMP discussion on zero checking sampling units and proper flags to use on sample results.	
	Significant instrument drift found in Picarro EtO values: Drift was seen to be 30ppt which is less than 1ppb while 370ppt for 24 hour to be expected, Hourly versus daily zero checks and zero adjustments were discussed with Picarro, Weekly zero checks were extended and added to SOP, Zero adjustment for 20 minutes then a mean of last 5 minutes to give new reference point added weekly, Discussion with Picarro over the use of surrogate gas instead of EtO due to site safety and gas stability concerns. CO <sub>2</sub> gas was used for single point span check to ensure instrument is reliable as EtO correlates well: 1/4" stainless steel line was added to Picarro instrument, Gas purged before connection, and PSI set to 2, Span check collection for 15 minutes and mean of last 5 minutes taken	
<b>June 2021</b>	F4, S4 sites discontinued; updated collocated site locations based on highest concentration up to that date; changed frequency of sampling at Cobb, Covington and Fulton sites to 1 in 12 day schedule	
<b>July 2021</b>	C5, S1 sites discontinued	
<b>July 2021</b>	Drift issues still seen on Picarro: Picarro technicians onsite for instrument function diagnostic: Zero reference scrubber replaced and pump added to push air through unit as recommended by Picarro and ORD, Proposal of zeroing instrument expected to correct drift automatically. Picarro was in the process of developing the Zero Reference Module to automatically correct instrument drift.	
<b>August 2021</b>	S3 site discontinued	

<b>September 2021</b>	C4 site discontinued	
<b>October 2021</b>	Zero Reference Module (ZRM) installed on Picarro: Data not polling through AirVision, Script was applied but additional problems occurred causing data to be manually added into AirVision, Data Corrections performed by Picarro on data collected March through October 14 and uploaded into AirVision. Analytical laboratory changed to the Georgia EPD Lab in October.	
<b>November 2021</b>	Final Calibration verification of Picarro completed at EPD Lab: Levels were reading low, but determined that canisters were degrading.	
<b>December 2021</b>	ZRM cavity pressure error on Picarro: Site Operator contacted Picarro support and onsite troubleshooting did not resolve issue, ZRM sent back to Picarro for investigation. Clogged filter determined to be cause, Picarro instrument shut down and stored at GA AAMP workshop	
<b>September 2022</b>	Canister sampling discontinued at all sites; results from November 2021 through September 2022 posted on GA EPD website ( <a href="https://epd.georgia.gov/ethylene-oxide-information">https://epd.georgia.gov/ethylene-oxide-information</a> )	

## 6.1 Canister Pressure Issues

In June 2020, a decision was made to invalidate all samples that had greater than 3 inHg pressure change between the field recovery and the laboratory receipt pressures. Throughout this study, some of the passive samplers ended with a final pressure at ambient (0 inHg). Significant temperature swings during the 24-hour sampling period caused many samples to have an end pressure less than the target range of 2 to 4 inHg of vacuum, especially during the fall and spring months. In November 2020, GA AAMP reviewed the sample procedures regarding ending pressures, and updated the standard operating procedures for the Entech sampler to perform quarterly calibration verifications. In February 2021, EPA let GA AAMP know they had concerns about the use of the passive samplers with timers based on previous issues in other studies for different compounds when the pressure recorded at the end of the sample was measured to be 0 inHg (or at ambient conditions). While GA EPD does not agree with EPA's conclusions, the decision was made to invalidate the samples reported to EPA's Air Quality System (AQS) for the National Air Toxics Trends Stations (NATTS) data at the South DeKalb site but to include that data in this report. GA AAMP requested ERG begin using more precise NIST traceable gauges for all sample receipt canister pressures. For any sample that was still under vacuum upon receipt at ERG, the sample was analyzed according to the NATTS sampling requirements. Also in February 2021, GA AAMP ordered new Entech flow restrictors in response to EPA's concerns. GA AAMP also implemented extended leak checks prior to each sample collection. GA AAMP stopped reporting samples that had a lab receipt pressure of 0 inHg and removed previous samples with 0 inHg from EPA's Air Quality System (AQS). This report includes two datasets, one that includes the samples with 0 inHg at sample pick up and one without. EPA's technical memorandum published February 23, 2021, as well as GA EPD's response to the memo can be found in the Appendix.

Fourteen sample data points collected in 2020 at the South DeKalb site were removed from AQS due to 0 inHg ending sample pressures. Starting February 2021, all South DeKalb data reported to AQS was collected by the pressurized (ATEC) samplers and the passive samplers were collected for comparison purposes with the community sampling. The data in this report only includes the passive sampler data for South DeKalb for consistency. The pressurized sampler data at South DeKalb was included for a summary comparison of the pressurized and passive sampler data collected at South DeKalb.

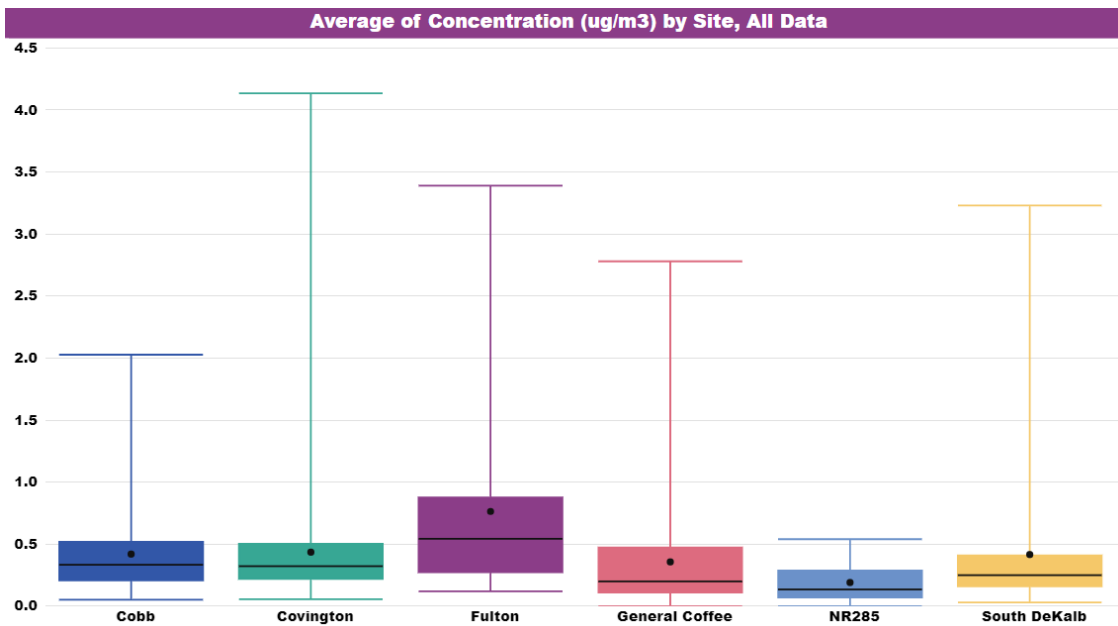
The datasets with and without the 0 inHg sample recovery pressure are summarized below<sup>25</sup>. Details are included in the Appendix. In comparing the data with and without the samples recovered at 0 inHg final pressure, the average concentration for each of the areas was not significantly impacted by inclusion of the samples recovered at 0 inHg. The datasets in Table 6, Figure 18, Table 7, and Figure 20 do not include any of the quality assurance samples (field blanks, collocated samples) and the data for sites S5, C1, C7, and C9 were not included as they were sampled for only a very short term during the study.

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<sup>25</sup> At the General Coffee and NR-285 sites, pressurized samplers are used, and therefore are not impacted by the 0 inHg end pressure issues. The data from the General Coffee site is not included in Table 7 and Figure 20.

**Table 6. Sample Count, Concentration, and Max Value for Comparison with 0 inHg Pressure Canisters**

Sample Average and Max Summary With All Data			
Site	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
Cobb	438	0.41	6.47
Covington	437	0.44	13.86
Fulton	212	0.77	5.91
General Coffee	56	0.36	2.78
NR285	14	0.19	0.54
South DeKalb	263	0.41	5.72



**Figure 18. Box and Whisker Plots of Concentration for Comparison with 0 inHg Pressure Canisters**

The box and whisker plots show the breadth of all the data points included in the dataset. The following is a diagram showing the basic parts of the box and whisker plot.



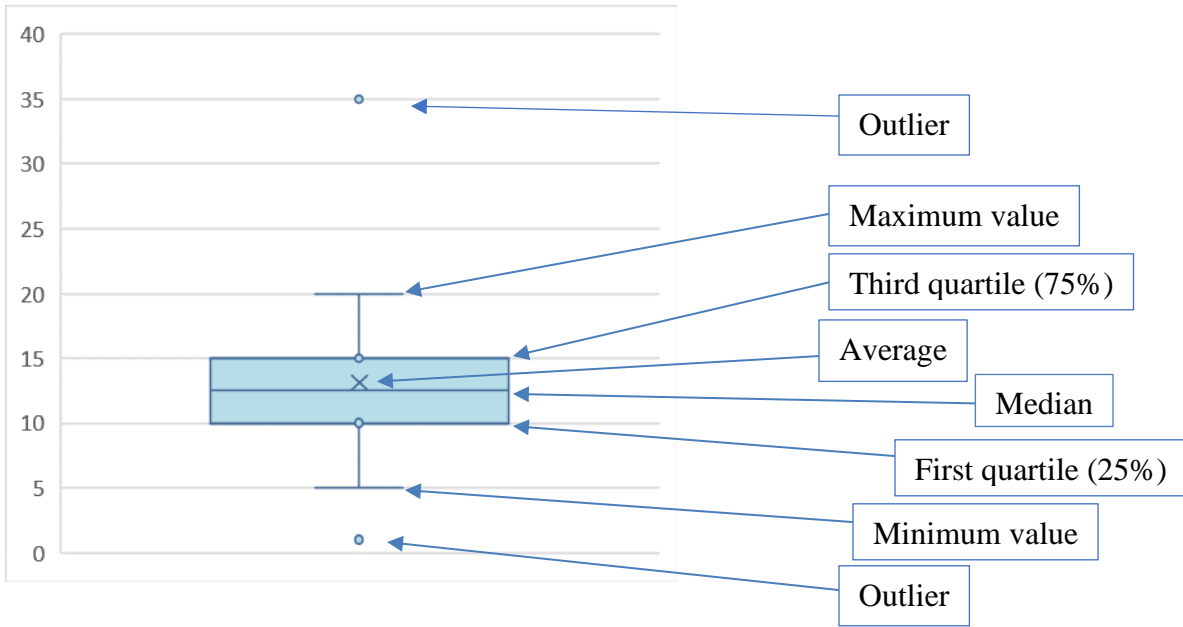
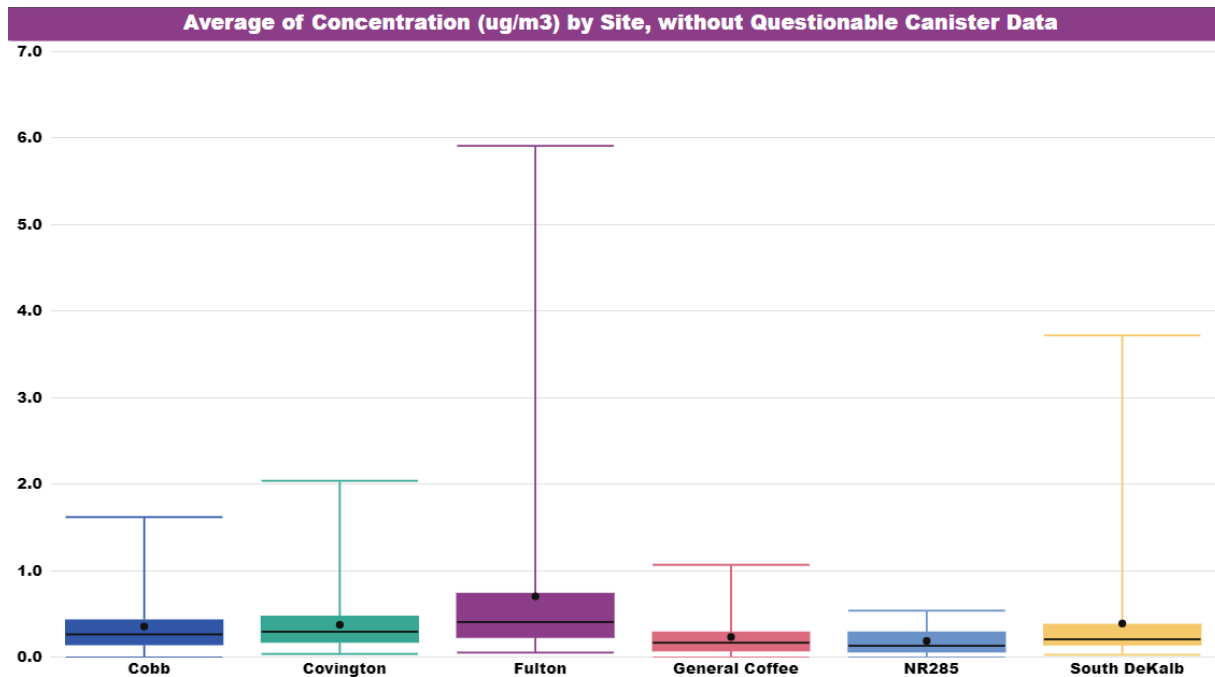


Figure 19. Example of Box and Whisker Plot

Table 7. Sample Count, Concentration, and Max Value for Comparison without 0 inHg Pressure Canisters

Sample Average and Max Summary Excluding Zero Final Canister Pressure Data			
Site	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
Cobb	285	0.34	2.51
Covington	292	0.35	2.19
Fulton	154	0.65	5.91
General Coffee	35	0.24	1.07
NR285	14	0.19	0.54
South DeKalb	208	0.37	5.72



**Figure 20. Box and Whisker Plots of Concentration for Comparison without 0 inHg Pressure Canisters**

## 6.2 Potential Canister Contamination Issues

In April 2020, the EPD Laboratory discovered that there were high background levels of ethylene oxide in the new Entech Silonite cans, which were the newest version of the canisters to be used for sampling for toxic air pollutants. EPA confirmed that they were also seeing canister bias issues in August 2020. By September 2020, GA AAMP began working with ERG to qualify samples that could be biased high due to the canister issue with an 'LK' flag applied by ERG. GA AAMP requested assistance from EPA on chromatogram review to ensure due diligence on results for a few of the sample concentrations. In October 2020, EPA released a fact sheet to the public regarding issues discovered with the canisters. In November 2020, ERG began using humidified zero<sup>26</sup> air for canister holding studies and discovered ethylene oxide 'growth' possibilities<sup>27</sup>. As a result, in September 2020, GA AAMP began flagging some ERG samples with 'LK' based on canister histories. GA AAMP reviewed canister identification numbers and noted that the issues were with specific canisters and not the canister series or canister manufacturer. In January 2021, GA AAMP met with ERG to review flagging methodology. GA AAMP released a memorandum documenting the methodology used to qualify the samples affected by canister bias with an 'LK' in April 2021, which is included in the Appendix. In May 2021, EPA released a memo and technical note on the effects of the canister bias. These are included in the Appendix.

In March 2021, a GA AAMP discussion with ERG found that all 5000 series canisters and some SAT canisters displayed bias issues. Ongoing investigations of individual canisters were conducted by ERG and GA AAMP leading to decisions made on sample validity. Based on canister histories, the July 2, 2020, General Coffee sample, September 18, 2020, South DeKalb primary sample and January 4, 2021, South DeKalb primary sample were voided due to weight of evidence in canister histories.

<sup>26</sup> Hydrocarbon-free

<sup>27</sup> When exposed to humidified air, certain canisters will show an increase in the ethylene oxide concentration over time. This growth can bias the measured concentration high.

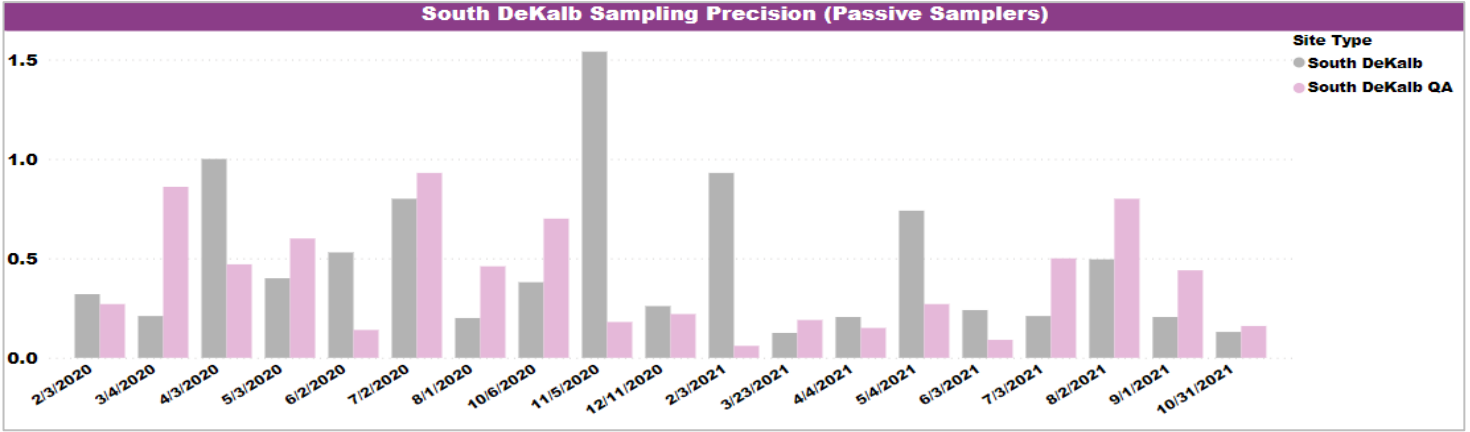
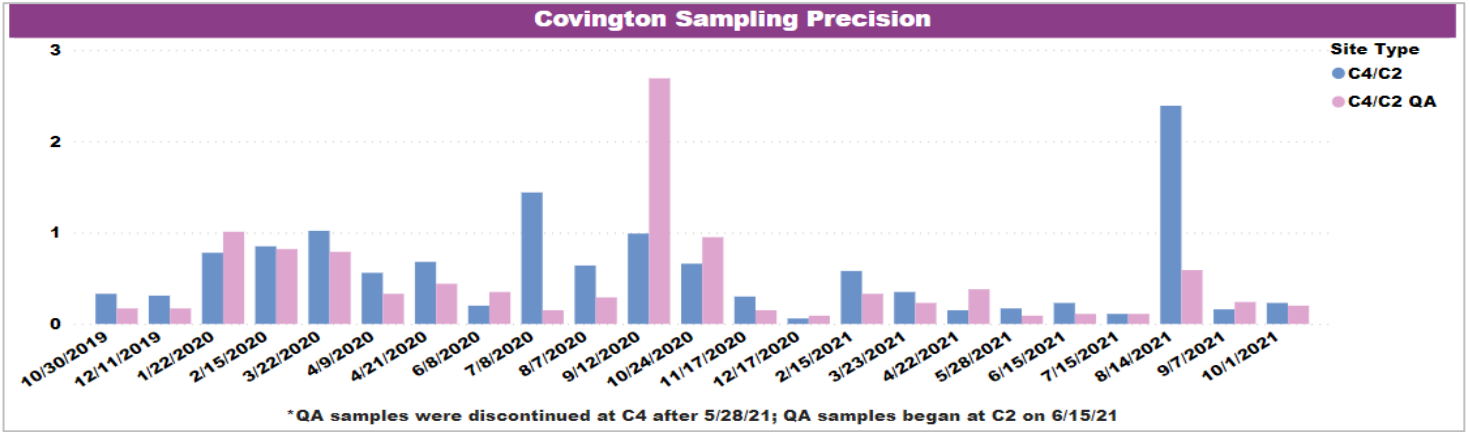
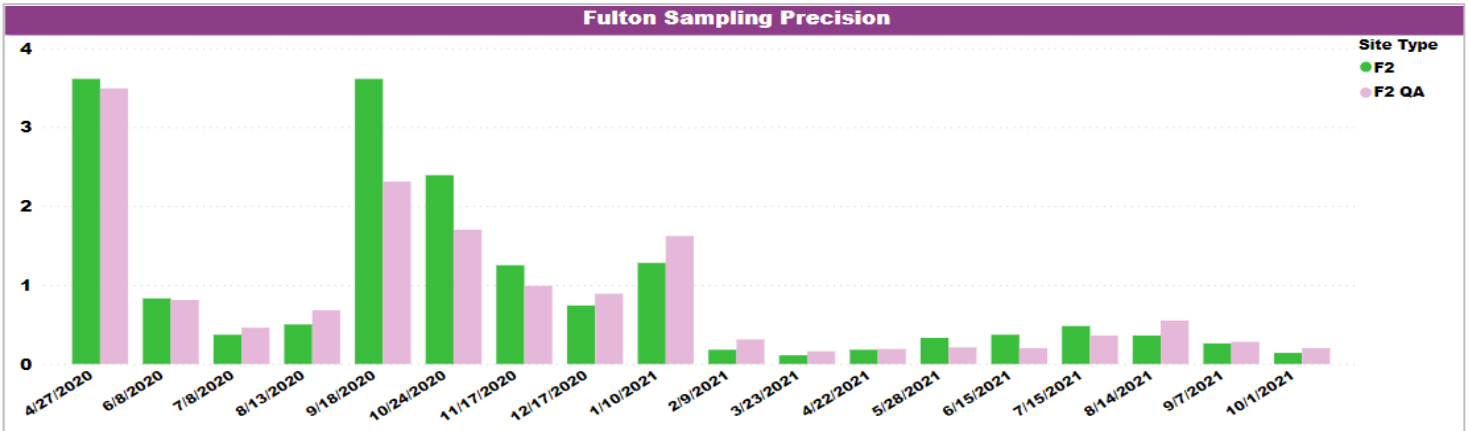
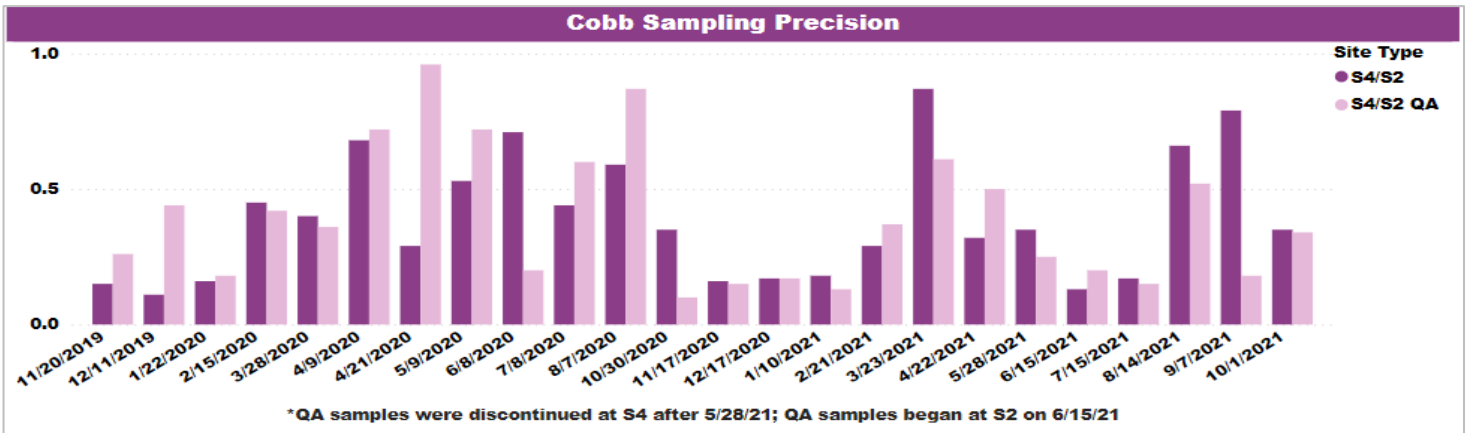
### 6.3 Precision Issues with Low Concentrations

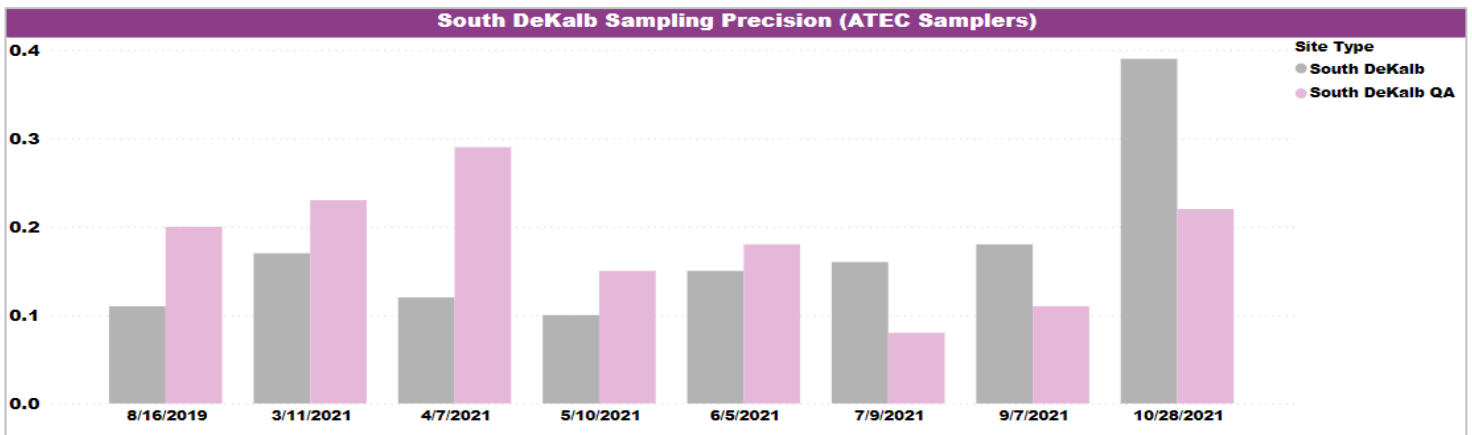
In December 2019, discussions with EPA and ERG confirmed that the concentrations of ethylene oxide which are less than five times the method detection limit (method detection limit is determined annually and was in the range of  $0.0452 \mu\text{g}/\text{m}^3$  to  $0.0515 \mu\text{g}/\text{m}^3$  during the study) were too close to the noise of the analytical analysis for an accurate determination of precision to be made<sup>28</sup>. This precision measurement is to represent the accuracy of the method collection and analysis by collecting two collocated samples for the same time period with the same type of collection method and analyzed by the same laboratory. See the Appendix for a copy of the memorandum documenting this.

Figure 21 shows the differences between the primary and collocated samplers for the ethylene oxide data collected through October 2021. The two bars adjacent to each other represent the two samples taken on the same day. If there was only one valid sample per pairing of collocated samples, that sample is not shown here. The first image is the Cobb sites, the second image is the Fulton sites, and the third image is the Covington sites. The last two images are both for the South DeKalb site, with the first one comparing the passive sampler data and the second one comparing the pressurized data from the ATEC sampler.

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<sup>28</sup> Low concentrations are considered to be less than five times the method detection limit. The method detection limit is determined annually and ranged from  $0.0452 \mu\text{g}/\text{m}^3$  to  $0.0515 \mu\text{g}/\text{m}^3$ .





**Figure 21. Precision Measurements for Cobb, Fulton, Covington, and South DeKalb**

### 6.4 Laboratory Method Change

In November 2019, ERG changed the analytical technique in the laboratory analysis to quantify the concentration of ethylene oxide per EPA’s direction. This revised technique used Ion 29 to calculate the ethylene oxide concentration in each sample. The original dataset for September 2019 through October 2019 data had been quantified by utilizing Ion 44. ERG reprocessed the September and October 2019 data using the Ion 29 quantification. All data presented in this report is using the Ion 29 analysis by ERG and EPD Lab. While use of either ion is allowed by the analytical method, GA AAMP wanted to remain consistent with ERG’s analysis of other ethylene oxide datasets performed under EPA’s national contract. The laboratory procedures are critical in the analysis of ethylene oxide. EPA’s Compendium Method TO-15, *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/ Mass Spectrometry (GC/MS)* is widely used for determination of ethylene oxide concentrations. However, the flexibility provided for in the method can result in variations in the ethylene oxide concentrations quantified. For the dataset that was reprocessed for September 2019 and October 2019, the ethylene oxide concentration changed slightly for each sample. This difference had the potential to be significant at the low levels being measured and may account for some of the discrepancies in measurements between laboratories.

Then in May 2020, Ion 29 was found to be presenting a noisy baseline and creating software integration and unresolved peak interference issues. In November 2020, ERG changed the gas chromatograph column type. This piece of equipment controls how the compounds are separated out over time as part of the chromatography process. ERG noted that some samples that were analyzed on the older column had concentrations that were potentially biased high.

### 6.5 Additional Sites Added

In January 2020, GA AAMP began monitoring near the Sterilization Services of Georgia facility in Fulton County in response to modeling conducted by the GA EPD.

### 6.6 Site Issues

GA AAMP found it difficult to locate appropriate sites to collect ethylene oxide samples in the areas surrounding the facilities. For each of the locations utilized, GA AAMP had to obtain permission from the landowners and ensure that the sites met EPA siting criteria as much as possible.

The S5 site in Cobb County was deemed unsafe for Site Operators, and GA AAMP had to stop sampling at this location. GA AAMP collected two samples at this location before it was shut down after the September 30, 2019, sample.

In September 2020, GA AAMP began flagging all S2 samples as compromised due to the location of the site being published in the local media.

Due to the highly industrial area near Sterilization Services of Georgia, four suitable locations around the facility were not available. Sites F1 and F2 were chosen as they were near a residential community and were in the same wind direction. Sampling began at the F3 site in August of 2020, but the sampling equipment was stolen on October 31, 2020. Sampling began at the F4 site in January 2021.

## **6.7 Miscellaneous**

The C1 (Covington) site collected samples until November 15, 2019. GA AAMP decided that the placement of the C5 site was a better location for collecting samples for security purposes. Sites C8 and C9 were used for a short time period during the study (October 30, 2019, through November 15, 2019). The data for these sites are presented in the Appendix.

In March 2021, EPA hosted a multiple agency discussion on types of samplers used for ethylene oxide collection. The process for using weight of evidence for determining sample validity was discussed.

Samples were collected at the NR-285 site to evaluate if the mobile traffic had any impact on the ethylene oxide emissions being measured. However, for each of the days sampled at the NR-285 site, the wind was in the direction toward the interstate and no determination could be made.

Due to the information provided by EPA regarding the use of mechanical timers for sample collection, the GA AMP collected six ethylene oxide samples, one utilizing the timer and one without a timer, on three separate collection days. These samples were collected in January 2022 and March 2022. Results were inconclusive.

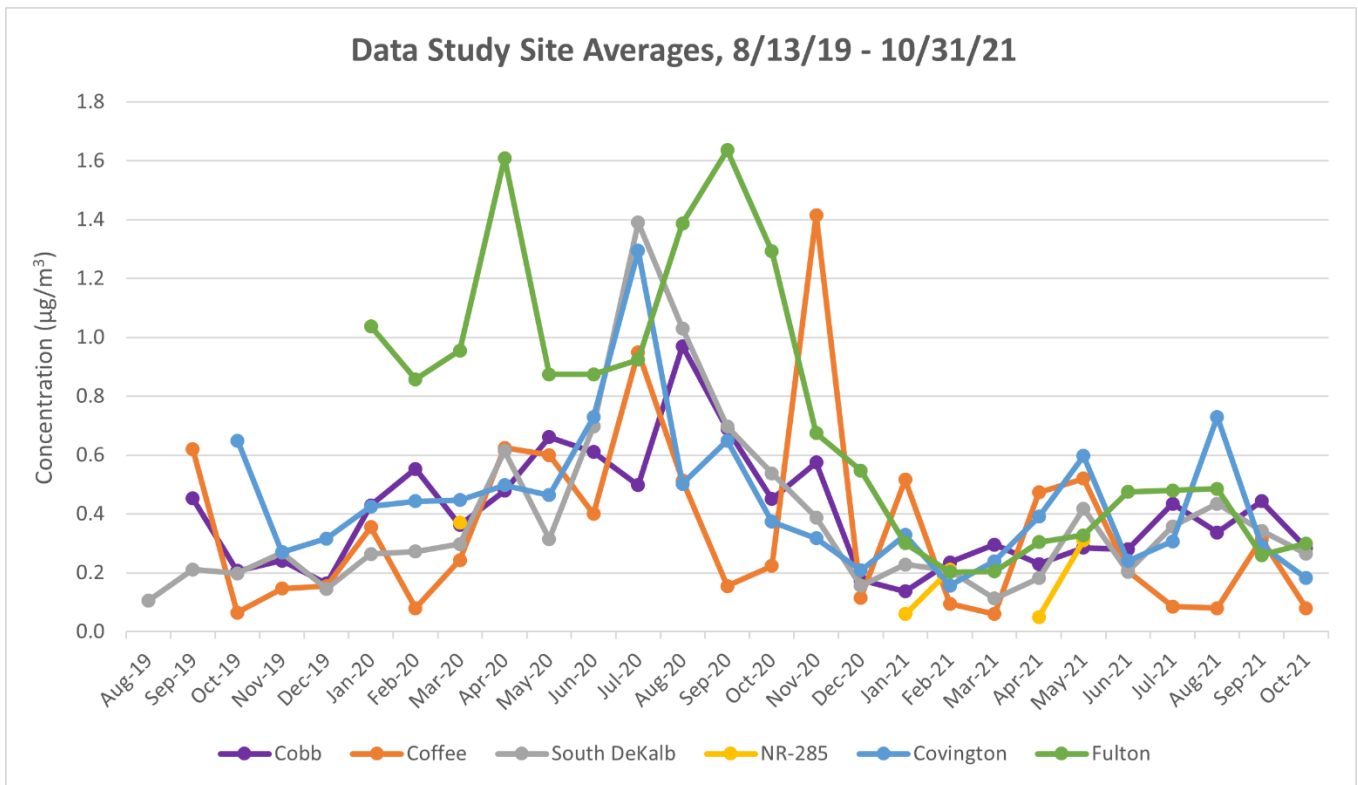
## **6.8 Picarro Issues**

Continuous ethylene oxide analyzers have been under development by manufacturers for use in ambient monitoring. The GA EPD installed a continuous Picarro analyzer at the South DeKalb monitoring station to evaluate the technology and compare continuous data to the data collected with the canister method. GA AAMP faced challenges with the implementation of the Picarro continuous ethylene oxide monitor. Integration of the Picarro instrument into the AirVision data acquisition system presented many challenges, including determining which instrument channels should be used for diagnostic evaluation to ensure quality data collection. The instrument was a new technology that required multiple discussions with Picarro and Agilaire to incorporate it into the AirVision data acquisition system. The zeroing functionality of the instrument had to be manually set to occur for a specified period of time in AirVision, as automation was not available at the time of deployment. Significant instrument drift was found in the Picarro instrument beginning in May 2021. While background levels are expected to have some degree of drift, the Picarro instrument was not recovering and needed manual recalibration. Communications with Picarro determined the need to zero the instrument for 20 minutes and take the average of the last five minutes to create a new baseline. Discussions were held with Picarro technicians over the ongoing drift

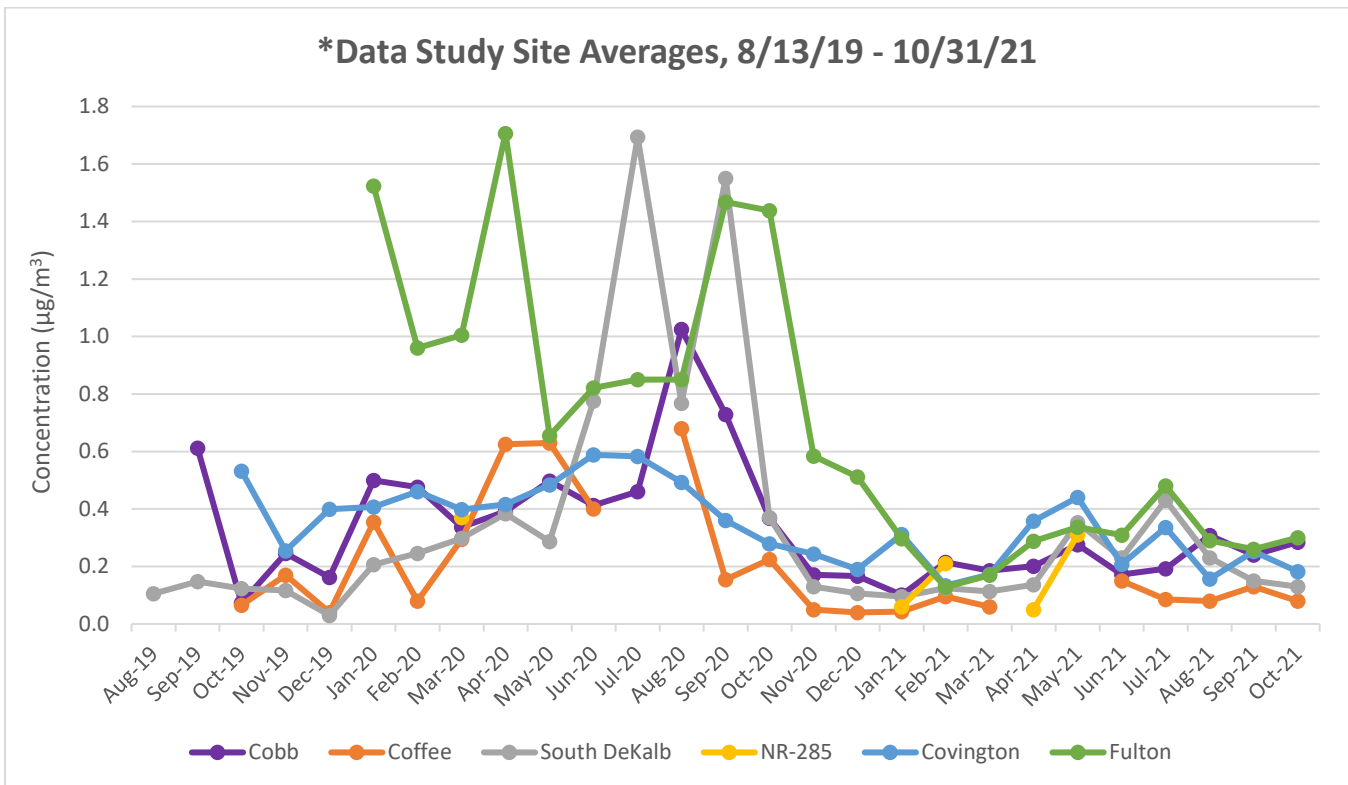
issue. Instrument zeroing frequency was updated in an attempt to resolve the drift issue. This temporarily stabilized the drift, but the Picarro technicians determined the system needed the addition of a Zero Reference Module (ZRM) to consistently account for drift and correct the data in real time. Near the end of the study, Picarro provided GA AAMP with a ZRM to assist with instrument drift encountered throughout the study. The ZRM was installed on October 14, 2021 and operated until December 11, 2021, when it was later determined by Picarro technicians that there was a clogged filter after being sent back for diagnostics. Significant instrument drift was encountered over the course of the study, as well as selecting the appropriate calibration gases for use at monitoring stations. The GA AAMP successfully integrated the ZRM into AirVision with the system accounting for instrument drift and zeroing frequency. Due to the instrument drift and zeroing frequency changes encountered after deployment, all data collected prior to the installation of the ZRM had to be adjusted for drift. Picarro performed the corrections and provided GA AAMP with the calculations used.

## 7.0 Results

In the following results and discussion, it is important to reiterate the timeframe of the study. The results include data from August 2019 through October 2021. Therefore, 2020 is a complete calendar year, but 2019 and 2021 data are not complete calendar years of data. Figure 22 and Figure 23 show the monthly averages from August 2019 through October 2021 for each area to show the general trend of the ethylene oxide concentrations measured across Georgia. All of the samples collected in the Cobb County area were averaged together and shown in purple, the Fulton County area averages are shown in green, and the Covington area averages are shown in blue. The South DeKalb site is shown in gray, the NR-285 site is shown in yellow, and the General Coffee site is shown in orange. The first graph shows all of the data collected, while the second graph shows the data without the questionable canister data. For the General Coffee and NR-285 sites, only the Xonteck data was used; and for the South DeKalb site, only the passive data was used. The data suggests that there is a seasonal component to the ethylene oxide concentrations with higher measurements in the summer months. For the summary of the results, data from S5, C1, C8 and C9 were excluded from the analyses due to the limited availability of data from these sites.



**Figure 22. Monthly Averages for Each Area, Including All Data**



**Figure 23. Monthly Averages for Each Area, without Questionable Canister Data**



Figure 24 and Figure 25 show all the data that was collected from September 24, 2019 through October 31, 2021 for each particular site. The sites in Cobb County are shown in purple (the ‘S’ sites). The sites in Fulton County are shown in green (the ‘F’ sites). The sites in Covington are shown in blue (the ‘C’ sites). GA AAMP permanent sites are shown in gray (South DeKalb), yellow (NR-285), and orange (General Coffee). The full spread of data is shown for each site, and one can see the concentration range for all the samples collected at each site. In addition, a comparison across all the sites in all areas can be observed. The first graph is the comprehensive dataset, and the second graph shows the data without any samples that had the questionable canister issues.

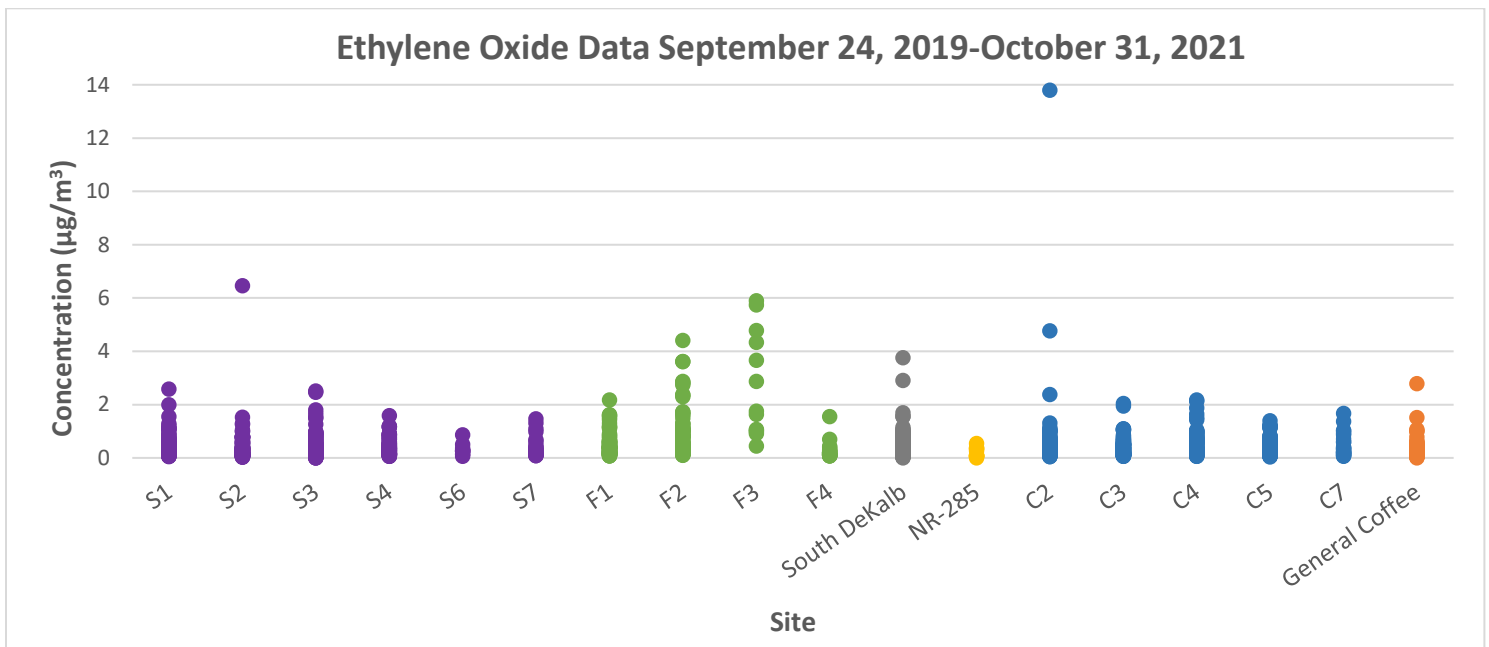


Figure 24. Data for Each Site, Including All Data

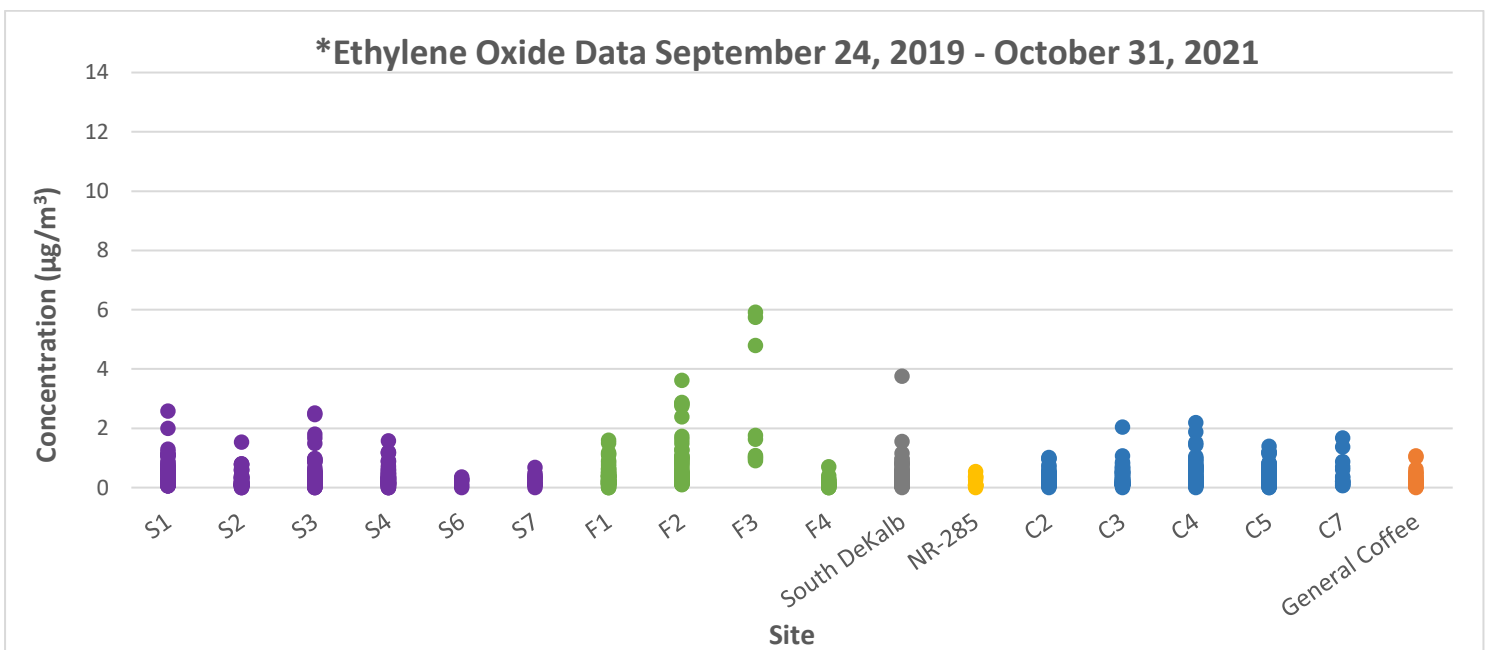


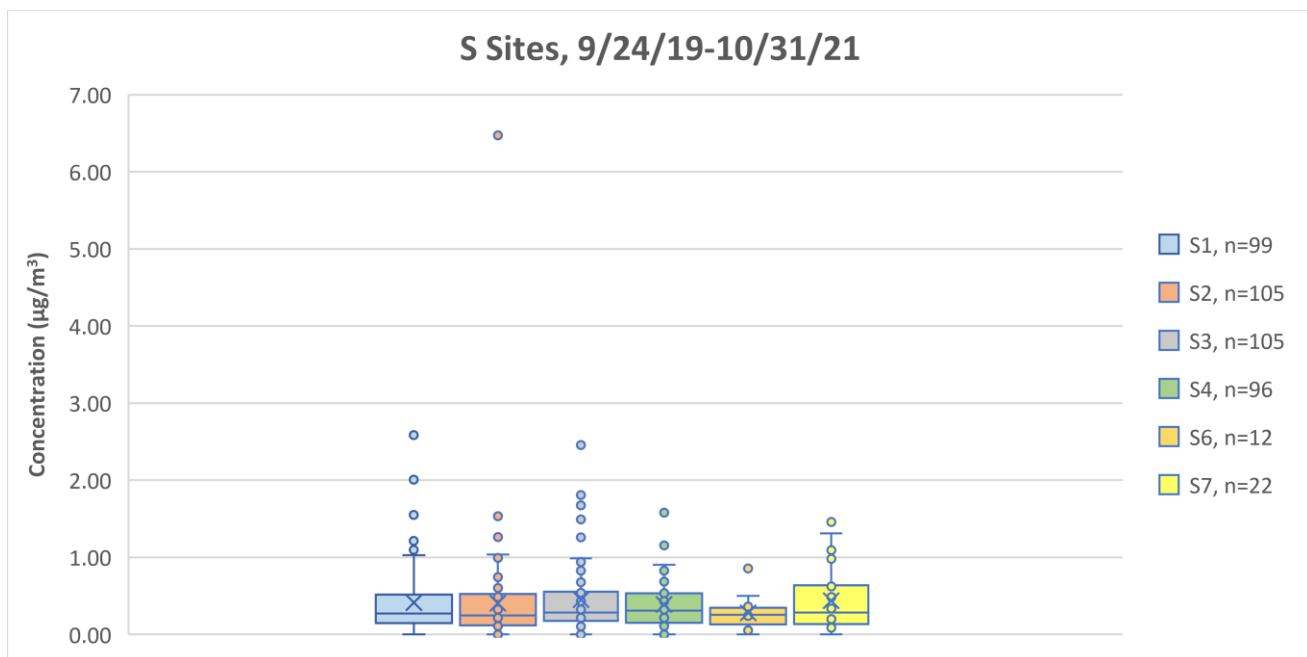
Figure 25. Data for Each Site, without Questionable Canister Data

The graphs in Sections 7.1 through 7.6 present more detail about the datasets collected at each site, using a variety of analytical comparisons. These comparisons provide more detail about the influences at each monitoring site.

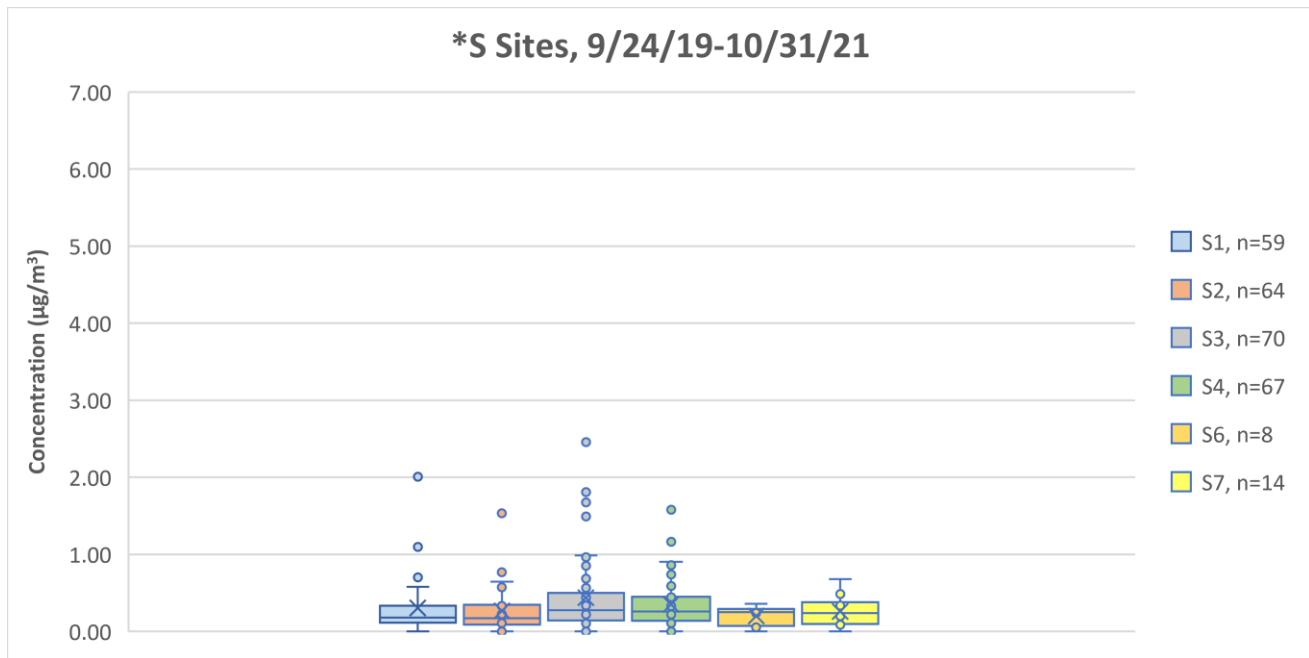
### 7.1 Cobb Area Sites

These graphs are similar to the stacked dot graphs Figure 24 and Figure 25, but these graphs display additional information about each set of data for each site. The boxes represent 25% to 75% of the concentrations collected, the line in the middle of the box is the median value of the dataset, the ‘x’ is the average of the dataset, the vertical bars similar to a ‘T’ and upside down ‘T’ represent the maximum and minimum values of the dataset (excluding outliers), and the dots outside those ‘T’s represent data points that are considered outliers of each data range. A data point is considered an “outlier” if it exceeds a distance of 1.5 times the interquartile (IQR) below the 1<sup>st</sup> quartile ( $Q1 - 1.5 * IQR$ ) or 1.5 times the IQR above the 3<sup>rd</sup> quartile ( $Q3 + 1.5 * IQR$ ). The number of samples (‘n’) are listed in the legend on the right side of the graph.

Figure 26 shows the S sites and includes all of the data, while Figure 27 shows the S sites without the questionable canister data. For these analyses, the data from S5 was excluded due to the limited number of samples at that site.



**Figure 26. Box and Whisker Plot for Cobb County, Including All Data**



**Figure 27. Box and Whisker Plot for Cobb County, without Questionable Canister Data**

Figure 28 is a polar plot showing the S ethylene oxide monitoring sites around the Sterigenics facility. Lower concentrations of ethylene oxide are shown with blue colors, while higher concentrations are shown with red colors. The colors have a gradient from blue to red in between to represent this scale of concentrations from blue to red shown in the legend. The concentrations range from 0 to >1 µg/m<sup>3</sup> at each of the monitoring locations. The monitoring location is at the center of each of the polar plots. The dots are plotted in the direction the wind is coming from, and the dots plotted further away from the center of the plot indicate a higher wind speed.

The ethylene oxide concentrations, wind speeds, and wind directions in the polar plots are 24-hour average values. It is important to note that each may vary dramatically during this 24-hour period. While we do not have information on how ethylene oxide concentrations vary during the 24-hour period, we do have detailed hourly and minute-by-minute data for wind speeds and wind directions. Since the wind speed is a 24-hour average, wind blowing from 90 degrees (from the east) for 12 hours and then blowing from 270 degrees (from the west) for 12 hours, would result in an average wind direction from 180 degrees (from the south) for the 24-hour period. Therefore, the wind direction shown on the polar plots is not always the predominant wind direction on that day.

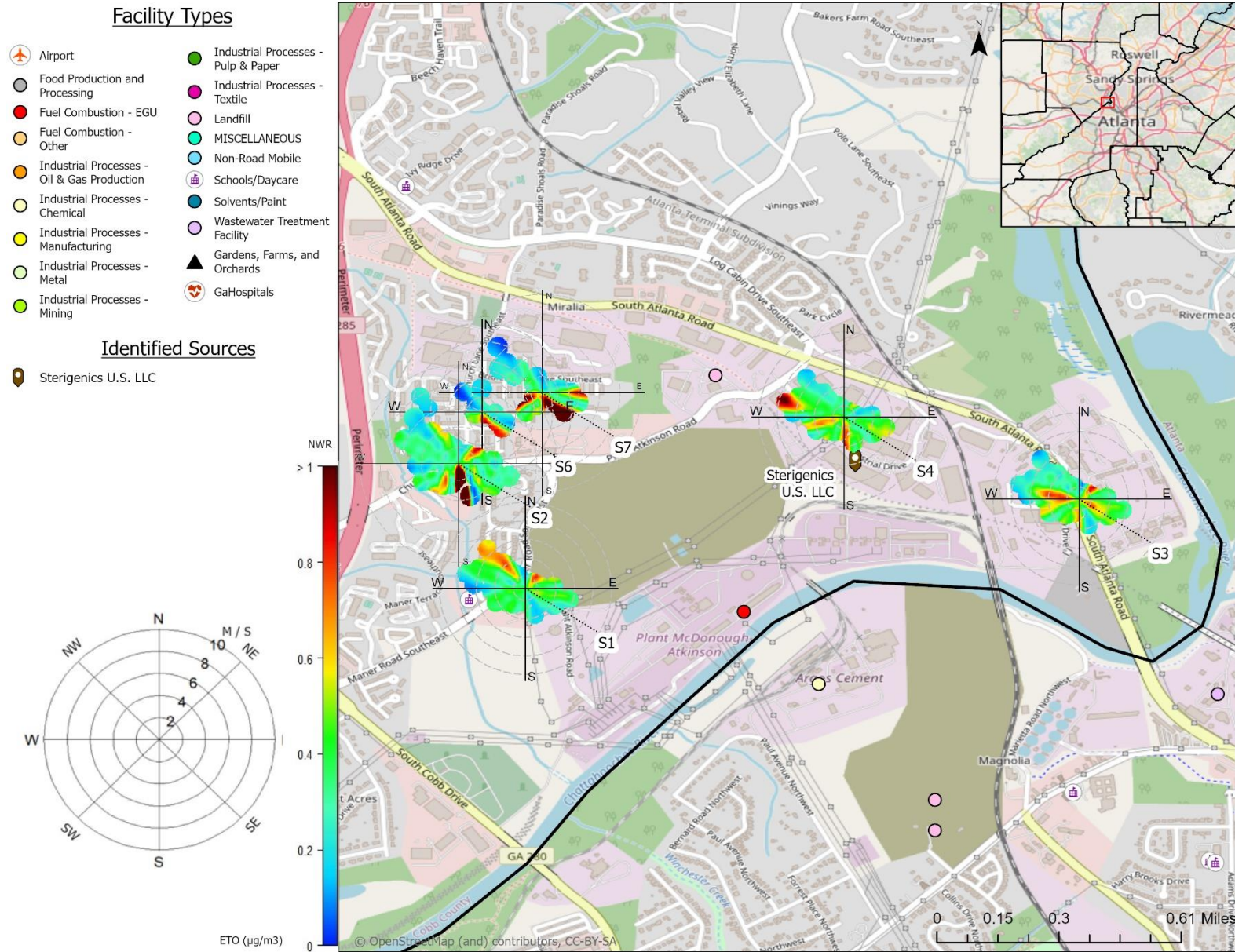


Figure 28. Polar Plots of Cobb County Area Sites, Including All Data

Georgia has required additional reductions of ethylene oxide emissions from Sterigenics, BD, and SSG by requiring additional control devices beyond existing requirements for ethylene oxide sterilizers. Current federal requirements<sup>29</sup> require control of sterilization and aeration processes; additional controls required for affected Georgia facilities include backvents (also called chamber exhaust vents), and indoor air fugitive emissions. Backvents are those incidental emissions that occur once sterilization is complete and chamber doors are opened; indoor air fugitive emissions come from off-gassing of sterilized product after aeration and prior to transport. These additional controls collect emissions from indoor areas and send them through commercially available dry scrubber systems that destroy at least 97% of the ethylene oxide present, as demonstrated by performance testing. The dry scrubber systems were selected because they are highly efficient at capturing ethylene oxide at low concentrations. Negative pressure systems ensure that all air coming in contact with sterilized product goes through a control device rather than out of doors, vents, or other openings and into the environment.

The negative pressure systems with dry bed controls at Sterigenics were placed into service on April 8, 2020. The following polar plots were created with data before start-up of the Sterigenics facility and after the controls were installed.

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<sup>29</sup> Proposed regulations for commercial sterilizers was proposed in April 2023 but was not finalized at the time of this publication.

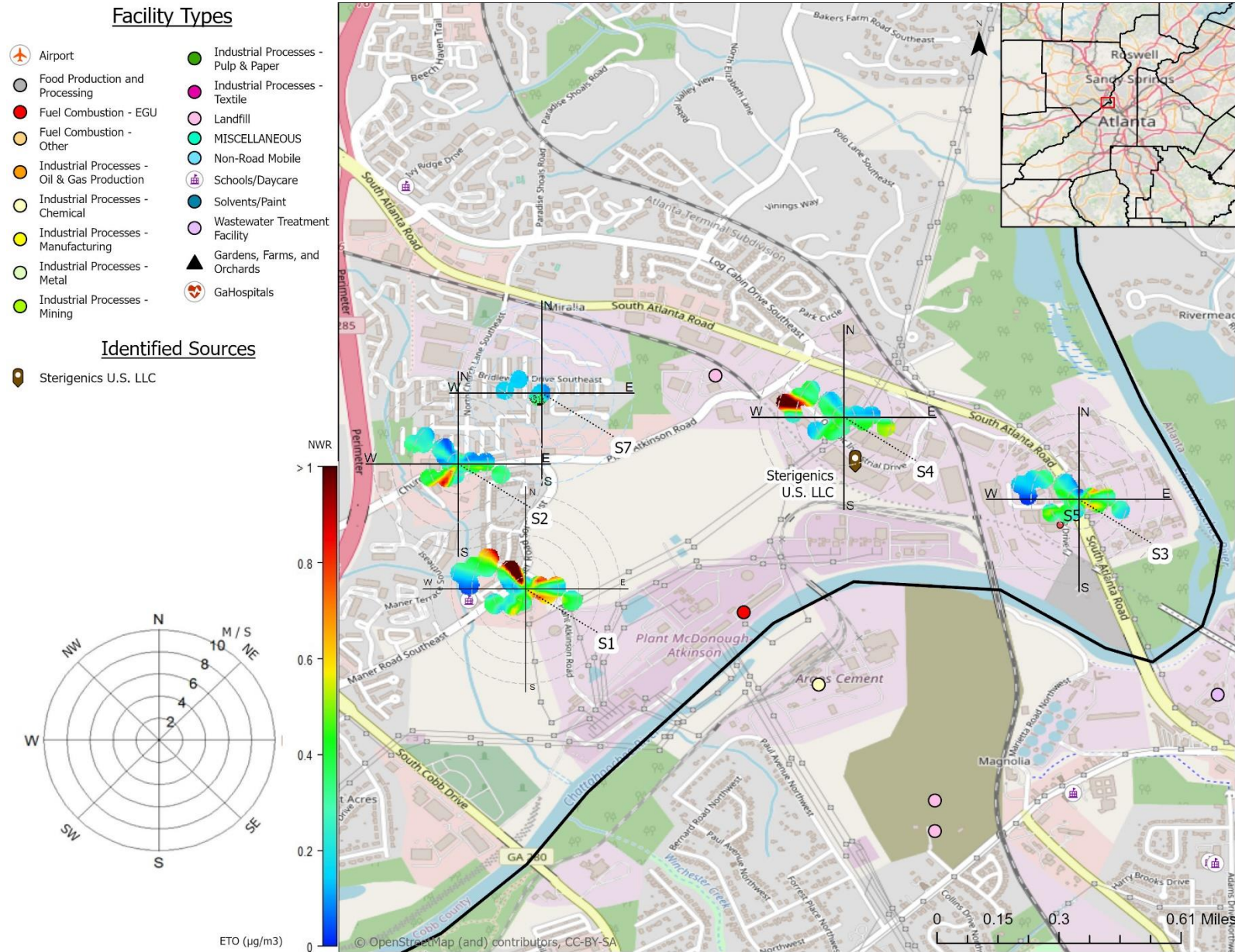


Figure 29. Polar Plots of Cobb County Area Sites, Before Start-Up

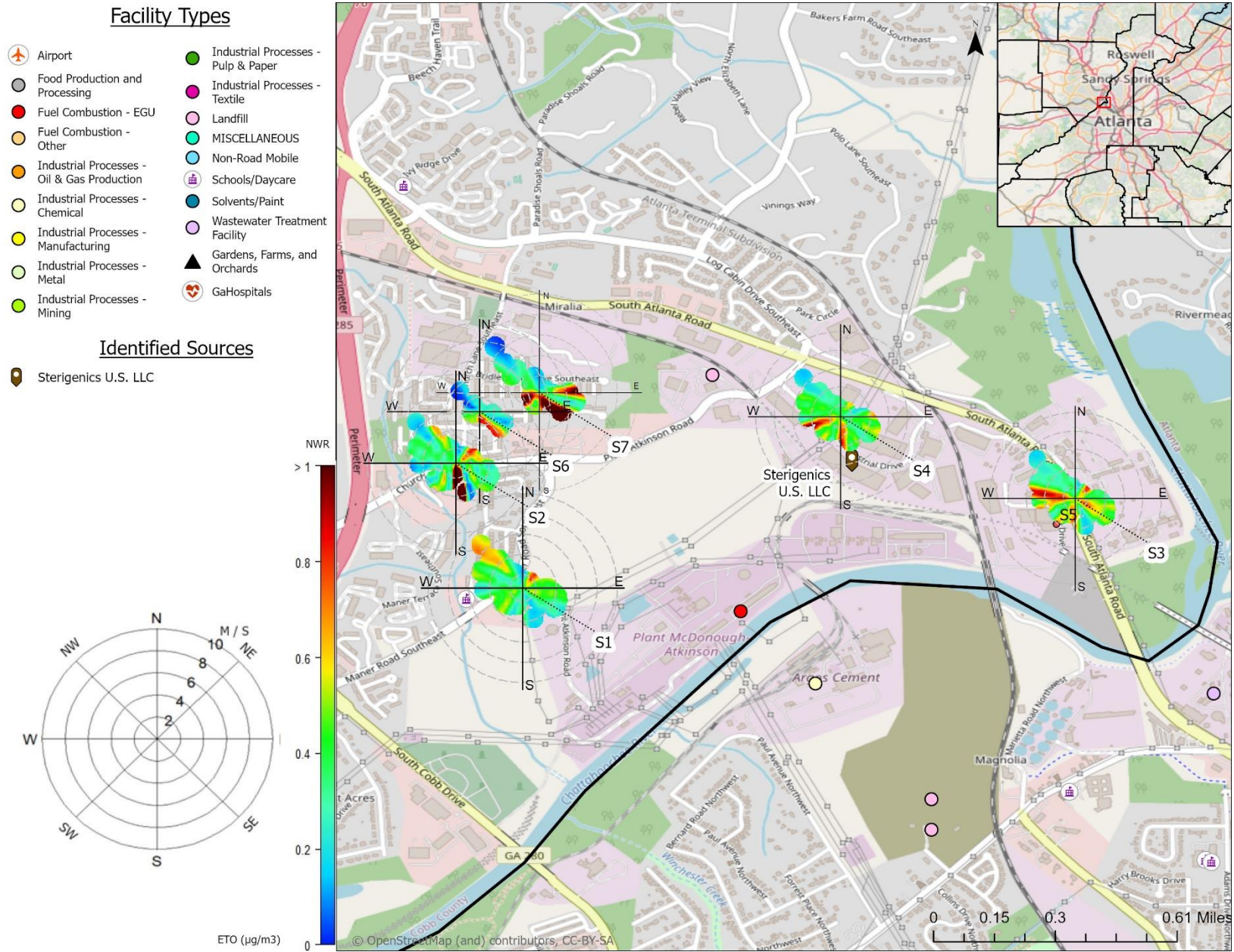


Figure 30. Polar Plots of Cobb County Area Sites, After Controls Installed

The following box and whisker plots show the difference in ethylene oxide data collected at the S1, S2, S3, and S4 sites while Sterigenics had ceased operation compared to when operation restarted. The remaining S sites collected less data and were not used for this analysis. Please note the scales are different for legibility purposes.

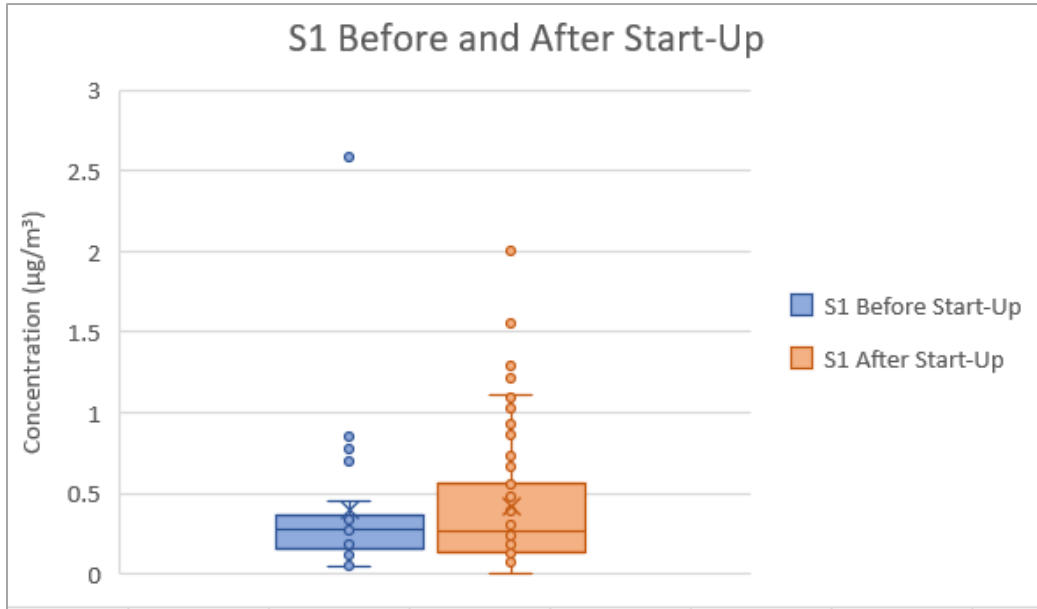


Figure 31. Box and Whisker Plot of S1 Before and After Start-Up, through 10/31/21

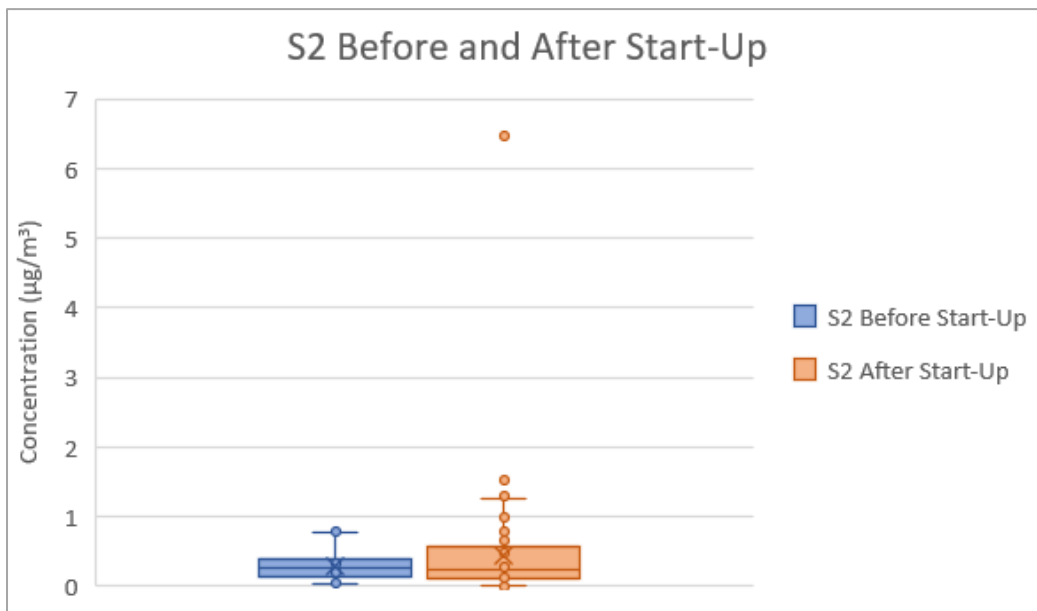
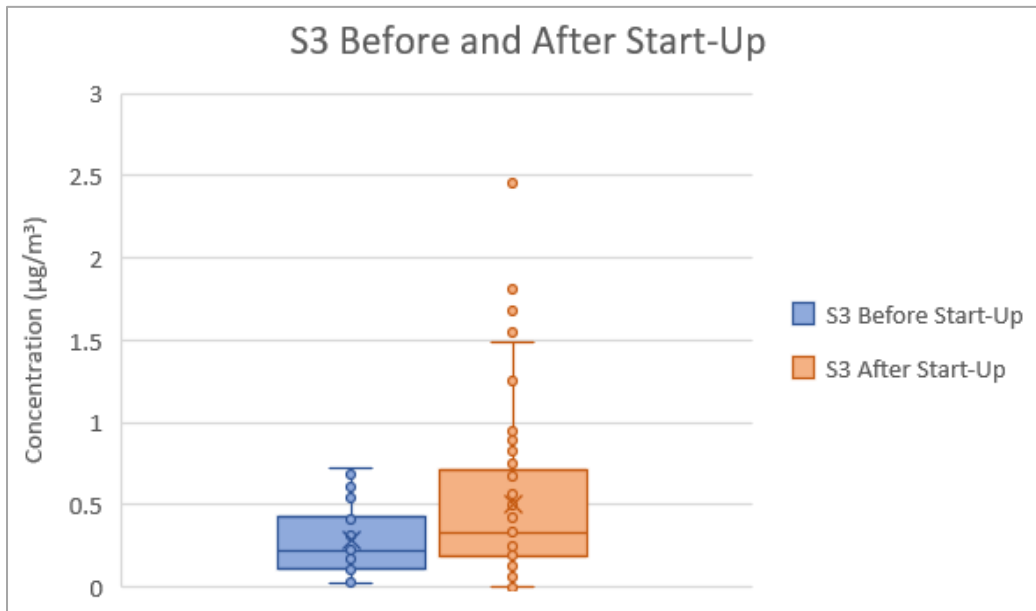
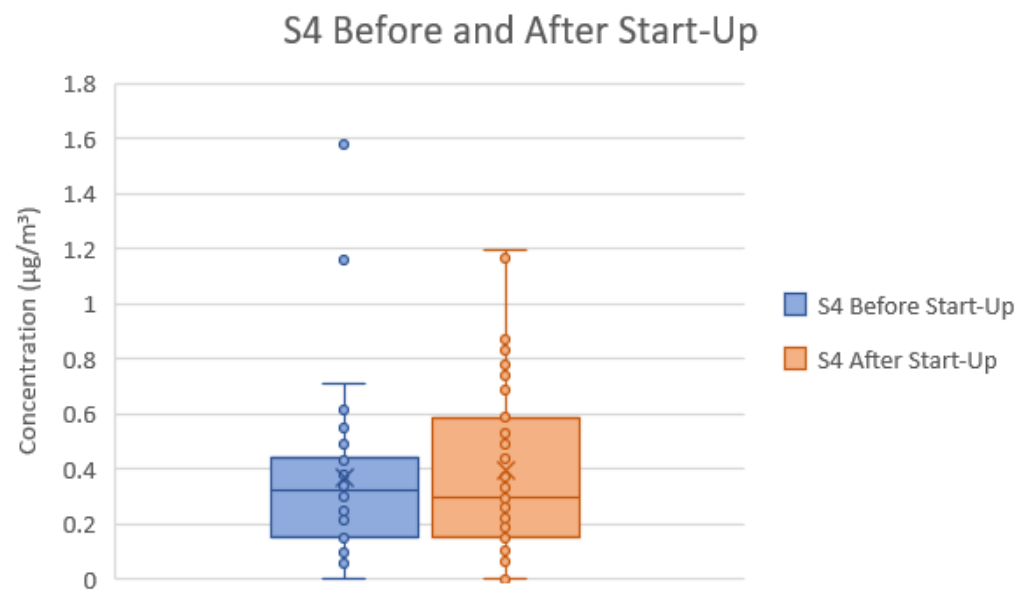


Figure 32. Box and Whisker Plot of S2 Before and After Start-Up, through 10/31/21





**Figure 33. Box and Whisker Plot of S3 Before and After Start-Up, through 10/31/21**



**Figure 34. Box and Whisker Plot of S4 Before and After Start-Up, through 10/31/21**

A Wilcoxon Rank Sum Test (with continuity correction) was used to determine if there was a significant statistical difference between the ethylene oxide concentrations collected at the S1, S2, S3, S4 sites while Sterigenics had ceased operation compared to when operation had resumed. In this test, the *p*-value indicates the probability of seeing the data observed (or data that is even more unlikely) under the assumption that no difference exists between the concentrations before and after startup. Traditionally, *p*-values less than 0.05 provide evidence that a difference exists, while *p*-values greater than 0.05 fail to provide evidence of a difference. Table 8 shows the *p*-value, as well as the averages before and after start-up, and whether or not there is a statistical difference according to the Wilcoxon Rank Sum Test.

**Table 8. *p*-values and Averages of S1, S2, S3 and S4 Before and After Start-Up**

Before and After Start-Up				
Site	<i>p</i> -value	Average Before	Average After	Statistically Significant (Y or N)
S1	0.86	0.39	0.41	N
S2	0.70	0.30	0.44	N
S3	0.045	0.29	0.51	Y
S4	0.69	0.37	0.40	N

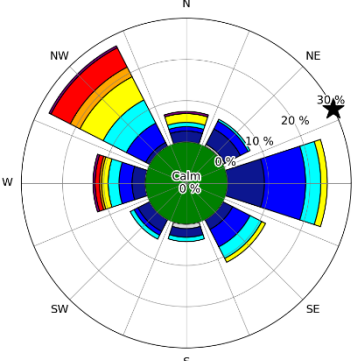
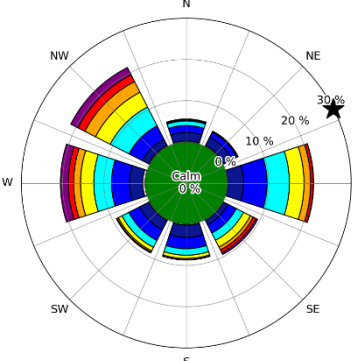
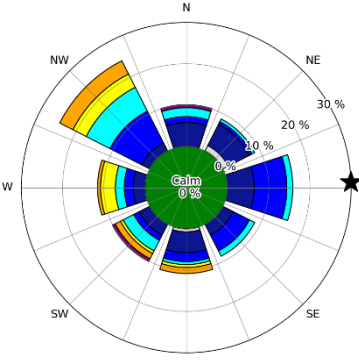
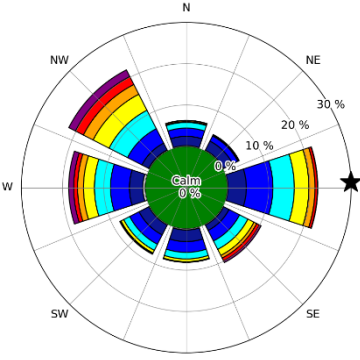
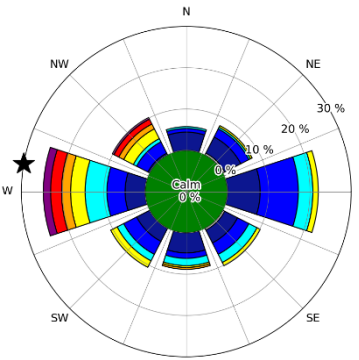
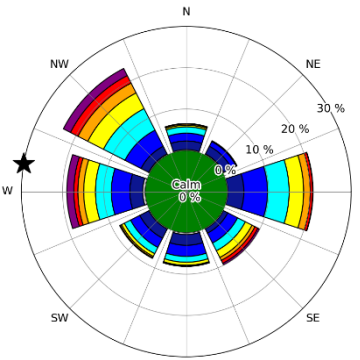
A Kruskal-Wallis Test was used to determine if a statistically significant difference exists in the ethylene oxide data collected for each site as compared to the background sites of South DeKalb and General Coffee. Based on the results of the Kruskal-Wallis Test applied, there is no statistically significant difference in the concentrations between any of these sites (S1, S2, S3, S4, South DeKalb and General Coffee). The *p*-value value for the Kruskal-Wallis Test applied to these sites is 0.41. The Wilcoxon Rank Sum Test indicated that for the S3 site, there is a significant statistical difference in the concentrations at this site before and after the facility resumed operations. However, when all the concentrations measured at the S3 site were compared to the other sites (S1, S2, and S4) as well as the background sites (South DeKalb and General Coffee) in the Kruskal-Wallis Test, there was no evidence that there was a difference in the populations of concentrations.

To examine the correlation between measured concentration and wind pattern, wind rose figures were developed. In the following section, a set of paired figures are presented for each monitoring site depending on whether the measured concentrations were above or below the 90<sup>th</sup> percentile value out of all measured concentrations in each area.

The wind rose figures are presented in a circular format which shows how often the wind is blowing from a particular direction. The length of each spoke shows the frequency of wind direction with wind speeds that are coded by different colors. The percentage values provided in the legend refers to the percentage of the total samples that are within a particular wind speed range. The star symbol represents the direction of each facility (if applicable) from each monitoring site.

Figure 35 shows the wind direction and wind speed for the monitoring sites in Cobb County (i.e., the “S” sites). Hourly wind data from the Dobbins Air Reserve Base station (labeled as “MGE Monitor”) were used for the S sites. A pair of wind rose figures were developed for each monitoring site, except S6. Only one wind rose figure was developed for the site S6 because the highest concentration (0.86 µg/m<sup>3</sup>) at this site is below the 90<sup>th</sup> percentile value of 0.87 µg/m<sup>3</sup> over the area.

As shown in the wind rose figure for the S7 monitor with concentrations above the 90<sup>th</sup> percentile, 81 out of 96 valid hourly wind data were collected from the MGE monitor. More than 40% of the time the winds come from the southeast, and approximately 33% of the time the winds blew from the east where the Sterigenics facility is located. During the sampling period when concentrations at the S7 site were below the 90<sup>th</sup> percentile, 332 out of 432 valid hourly wind data were collected and winds blew from the northwest 31% of the time and from the east 23% of the time. Figure 36 is the same as Figure 35 except that Figure 36 was developed excluding the questionable canister samples.

Site Name	Concentrations above the 90 <sup>th</sup> Percentile	Concentrations below the 90 <sup>th</sup> Percentile
S1	<p><b>S1 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>190 out of 264 Valid Hourly Wind Data</p> 	<p><b>S1 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1719 out of 2136 Valid Hourly Wind Data</p> 
S2	<p><b>S2 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>139 out of 168 Valid Hourly Wind Data</p> 	<p><b>S2 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1814 out of 2328 Valid Hourly Wind Data</p> 
S3	<p><b>S3 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>227 out of 312 Valid Hourly Wind Data</p> 	<p><b>S3 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1760 out of 2208 Valid Hourly Wind Data</p> 

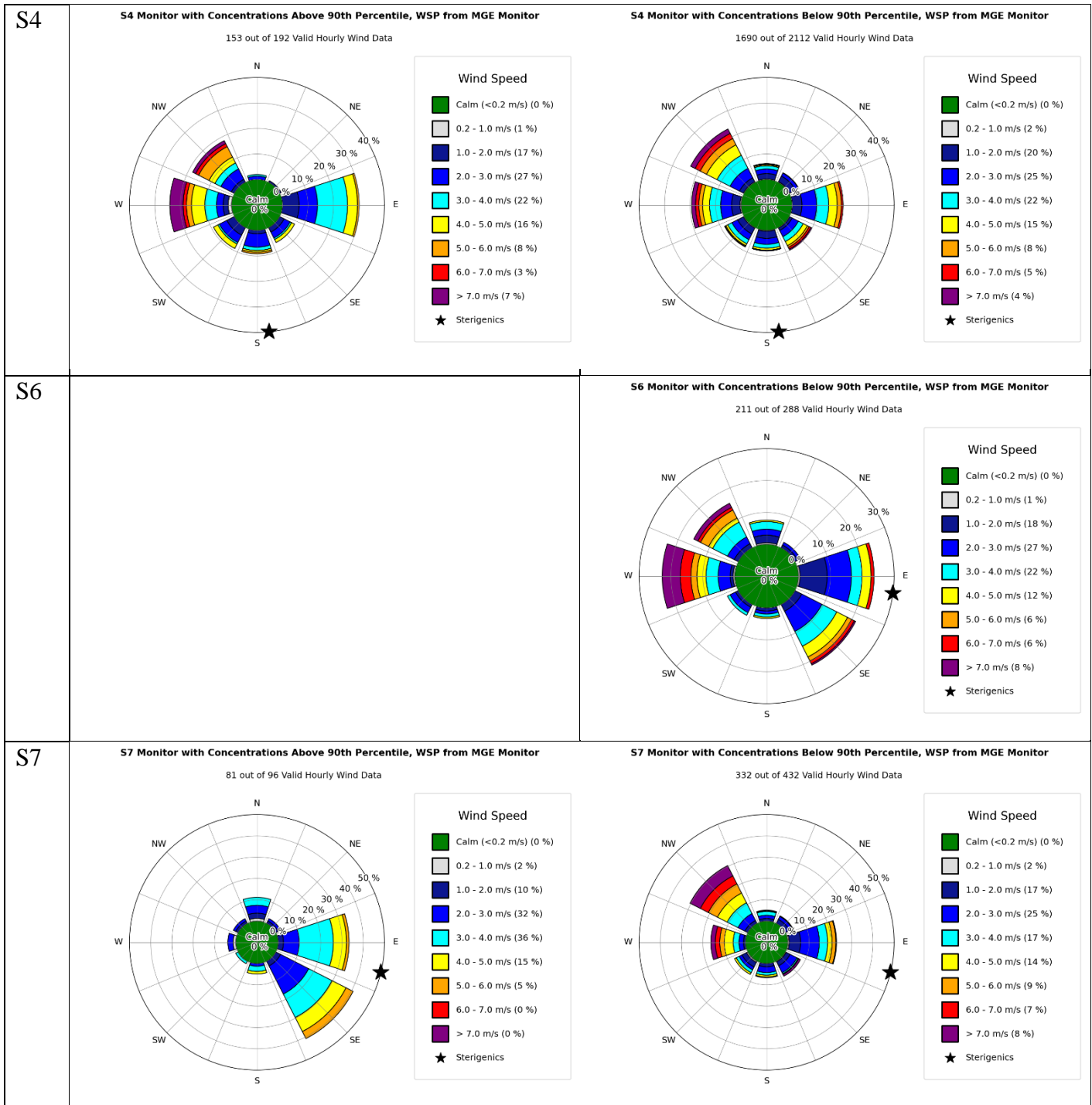
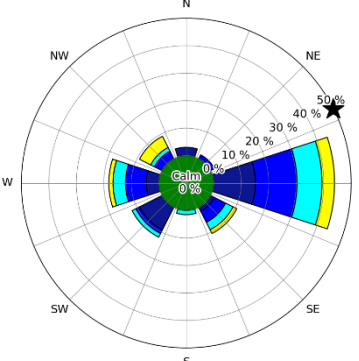
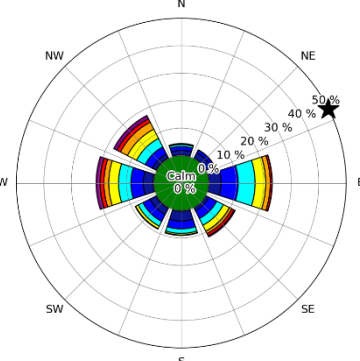
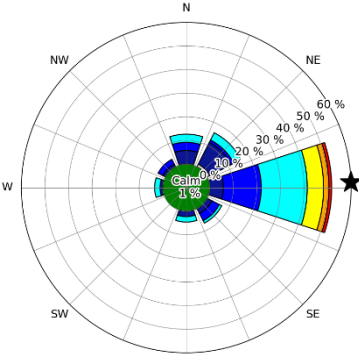
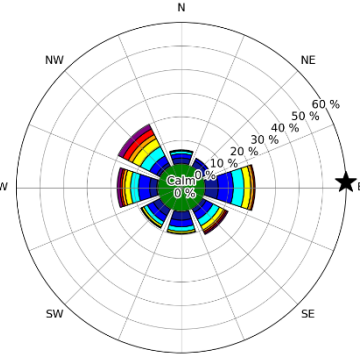
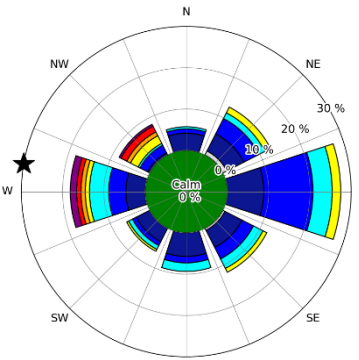
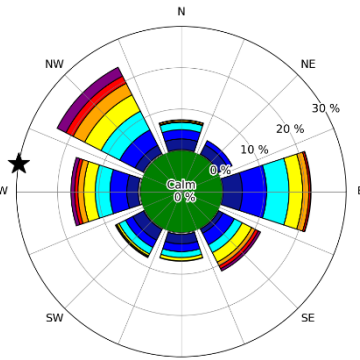


Figure 35. Wind Speed and Wind Direction for the Cobb County Area Sites

Site Name	Concentrations above the 90 <sup>th</sup> Percentile	Concentrations below the 90 <sup>th</sup> Percentile
S1	<p><b>S1 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>66 out of 96 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (33 %)</li> <li>2.0 - 3.0 m/s (33 %)</li> <li>3.0 - 4.0 m/s (21 %)</li> <li>4.0 - 5.0 m/s (12 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (0 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ Sterigenics</p>	<p><b>S1 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1091 out of 1344 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (2 %)</li> <li>1.0 - 2.0 m/s (21 %)</li> <li>2.0 - 3.0 m/s (25 %)</li> <li>3.0 - 4.0 m/s (21 %)</li> <li>4.0 - 5.0 m/s (15 %)</li> <li>5.0 - 6.0 m/s (8 %)</li> <li>6.0 - 7.0 m/s (4 %)</li> <li>&gt; 7.0 m/s (3 %)</li> </ul> <p>★ Sterigenics</p>
S2	<p><b>S2 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>87 out of 96 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (1 %)</li> <li>0.2 - 1.0 m/s (1 %)</li> <li>1.0 - 2.0 m/s (29 %)</li> <li>2.0 - 3.0 m/s (26 %)</li> <li>3.0 - 4.0 m/s (32 %)</li> <li>4.0 - 5.0 m/s (7 %)</li> <li>5.0 - 6.0 m/s (2 %)</li> <li>6.0 - 7.0 m/s (1 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ Sterigenics</p>	<p><b>S2 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1134 out of 1464 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (2 %)</li> <li>1.0 - 2.0 m/s (23 %)</li> <li>2.0 - 3.0 m/s (26 %)</li> <li>3.0 - 4.0 m/s (20 %)</li> <li>4.0 - 5.0 m/s (13 %)</li> <li>5.0 - 6.0 m/s (6 %)</li> <li>6.0 - 7.0 m/s (5 %)</li> <li>&gt; 7.0 m/s (4 %)</li> </ul> <p>★ Sterigenics</p>
S3	<p><b>S3 Monitor with Concentrations Above 90th Percentile, WSP from MGE Monitor</b></p> <p>193 out of 264 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (2 %)</li> <li>1.0 - 2.0 m/s (37 %)</li> <li>2.0 - 3.0 m/s (29 %)</li> <li>3.0 - 4.0 m/s (18 %)</li> <li>4.0 - 5.0 m/s (8 %)</li> <li>5.0 - 6.0 m/s (2 %)</li> <li>6.0 - 7.0 m/s (3 %)</li> <li>&gt; 7.0 m/s (2 %)</li> </ul> <p>★ Sterigenics</p>	<p><b>S3 Monitor with Concentrations Below 90th Percentile, WSP from MGE Monitor</b></p> <p>1122 out of 1416 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (2 %)</li> <li>1.0 - 2.0 m/s (21 %)</li> <li>2.0 - 3.0 m/s (25 %)</li> <li>3.0 - 4.0 m/s (21 %)</li> <li>4.0 - 5.0 m/s (15 %)</li> <li>5.0 - 6.0 m/s (8 %)</li> <li>6.0 - 7.0 m/s (4 %)</li> <li>&gt; 7.0 m/s (4 %)</li> </ul> <p>★ Sterigenics</p>

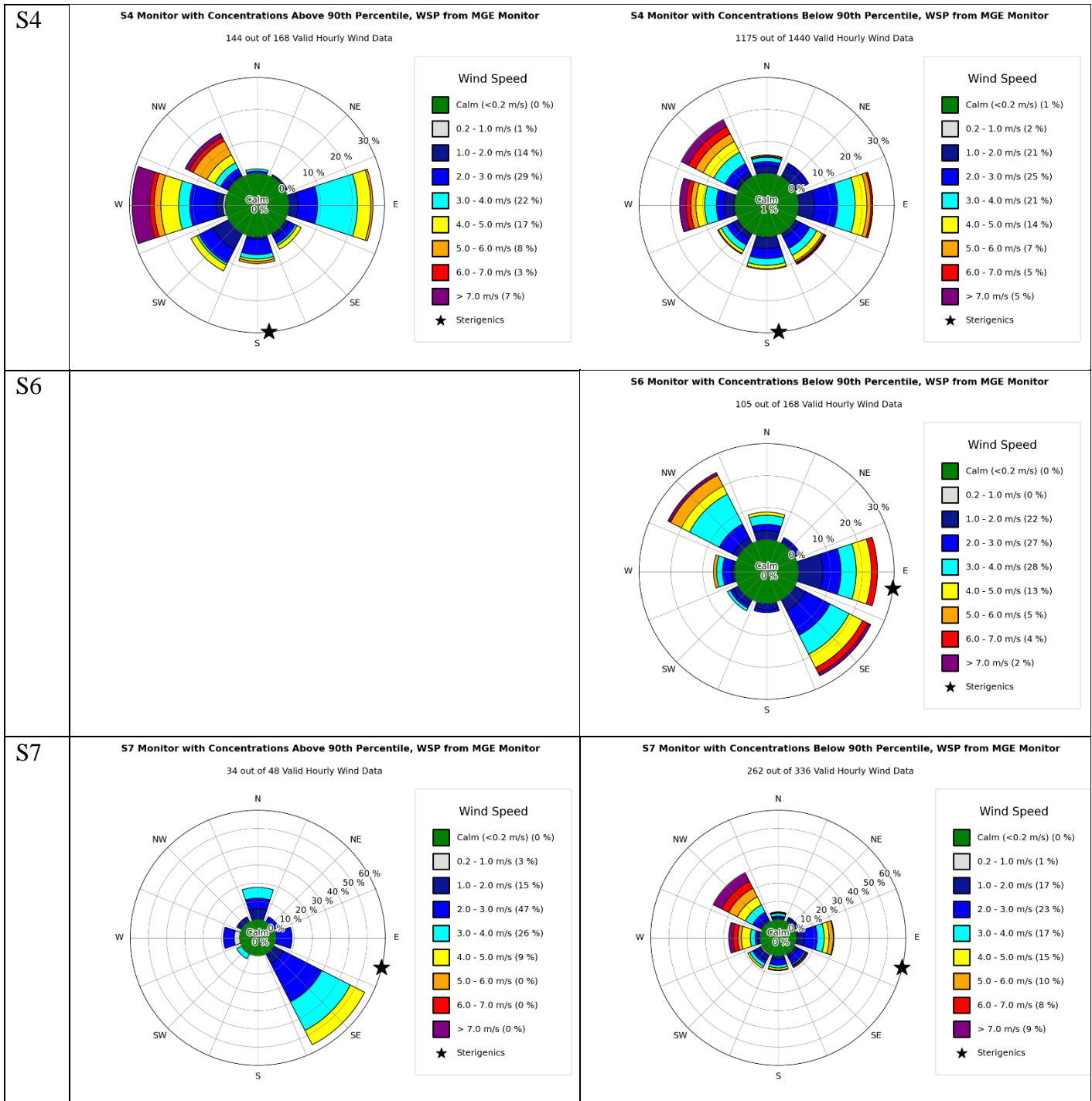
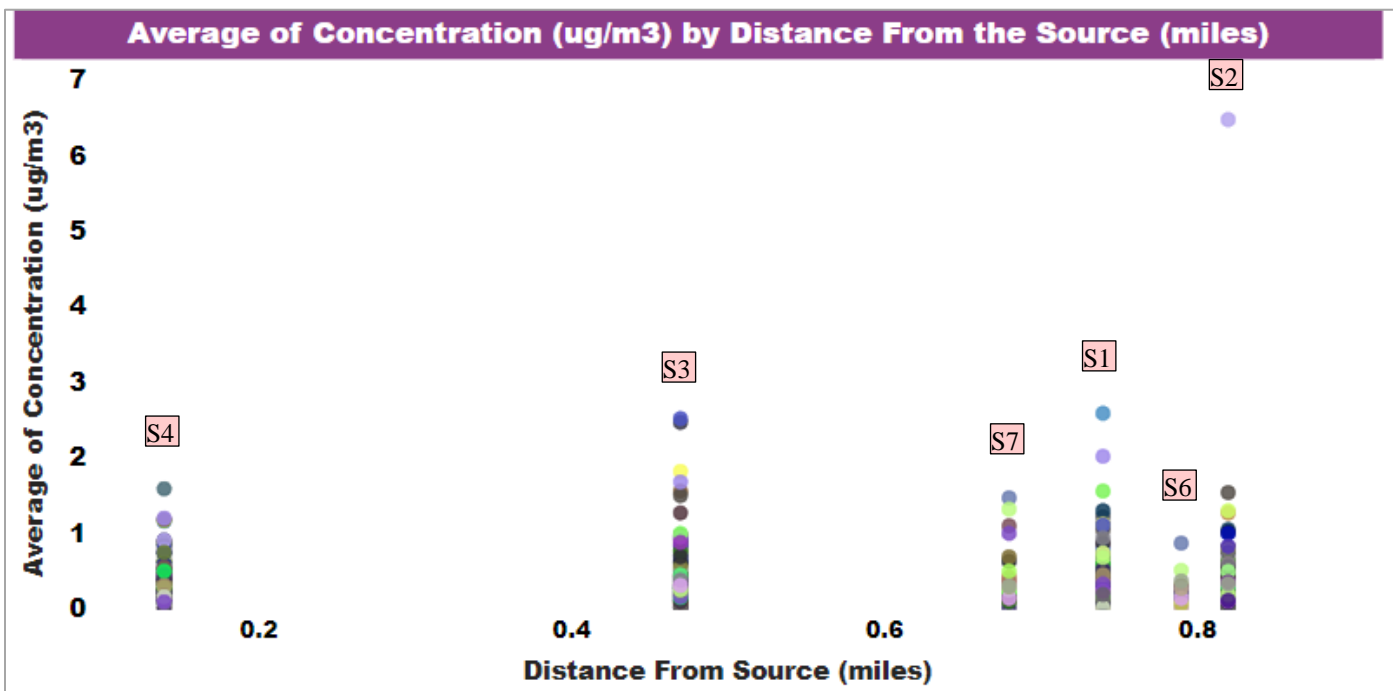


Figure 36. Wind Speed and Wind Direction for the Cobb County Area Sites, without Questionable Canister Data

In Figure 37 and Table 9, the distances of each of the S sites from the Sterigenics facility, along with the ethylene oxide concentrations, are shown in tabular form and graphical form. In Figure 37, 0 would represent the point where Sterigenics is located, and then each site's ethylene oxide concentrations are graphed at the distance away from the source, or the facility. Each of the sites are labeled in the small pink box above that site's data. Spatial samples S2 were compared to S6 and S7 because they are in the same general wind direction. It appears that there is no clear pattern on ethylene oxide concentrations versus distance from the source. This dataset in Table 9 and Figure 37 do not include any of the quality assurance samples (field blanks, collocated samples) and the data for S5 site was not included as it was sampled for only a very short term during the study.

**Table 9. Table of the S Sites Distances from Sterigenics**

Site Name	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
S1	101	0.40	2.58	0.74
S2	110	0.40	6.47	0.82
S3	106	0.45	2.51	0.47
S4	117	0.40	1.58	0.14
S6	12	0.28	0.86	0.79
S7	22	0.44	1.46	0.68



**Figure 37. Graph of the S Sites Distances from Sterigenics**

### 7.2 Covington Area Sites

The next two graphs are box and whisker plots. Figure 38 shows the C sites and includes all of the data, while Figure 39 shows the C sites without the questionable canister data. For these analyses, the data from C1, C8, and C9 were excluded due to the limited data available.

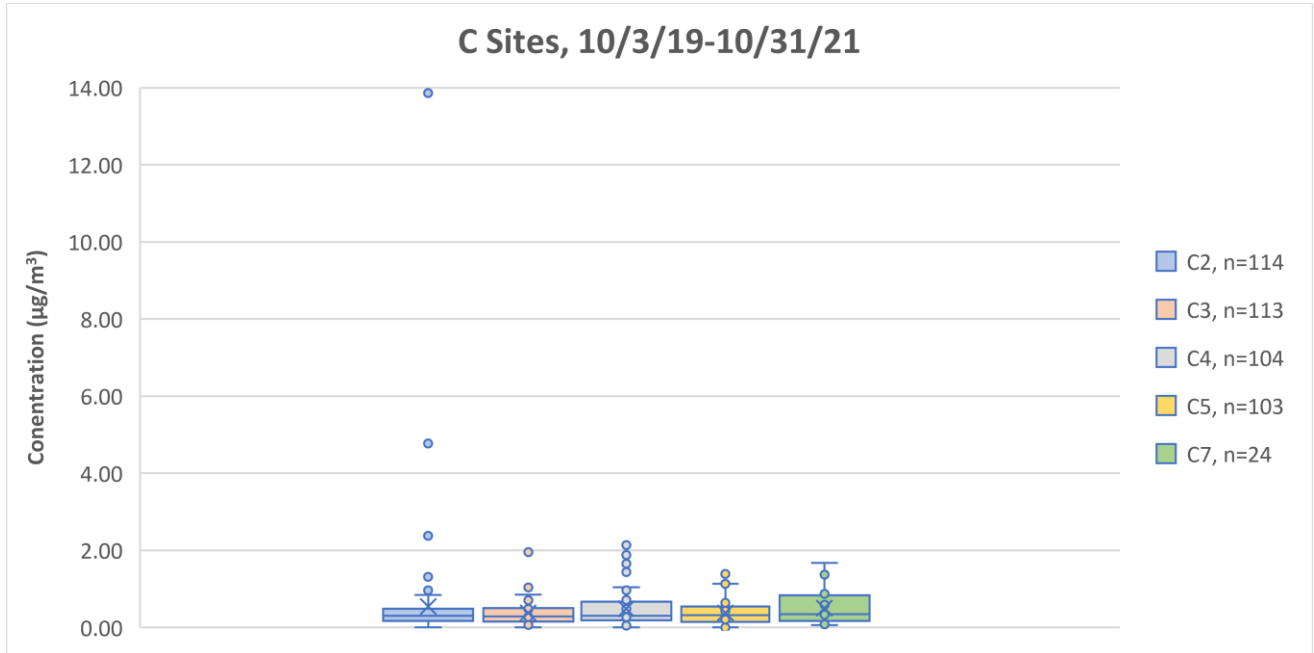


Figure 38. Box and Whisker Plots for Covington Area, Including All Data

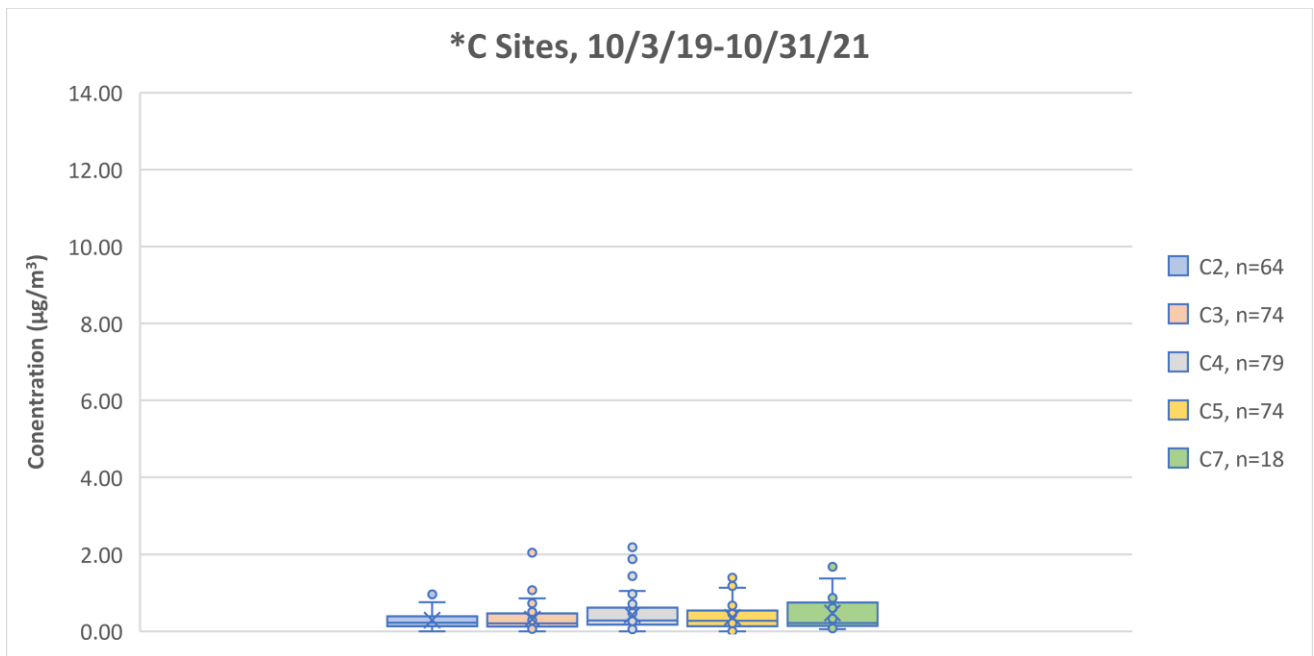


Figure 39. Box Whisker Plots for Covington Area, without Questionable Canister Data



Figure 40 is a polar plot showing the C ethylene oxide monitoring sites around the Becton Dickinson facility, in relation to wind speed and wind direction. Lower concentrations of ethylene oxide are shown with blue colors, while higher concentrations are shown with red colors. The colors have a gradient from blue to red in between to represent this scale of concentrations from blue to red shown in the legend. The concentrations range from 0 to  $>1 \mu\text{g}/\text{m}^3$  at each of the monitoring locations. The monitoring location is at the center of each of the polar plots. The dots are plotted in the direction the wind is coming from, and the dots plotted further away from the center of the plot indicate a higher wind speed.

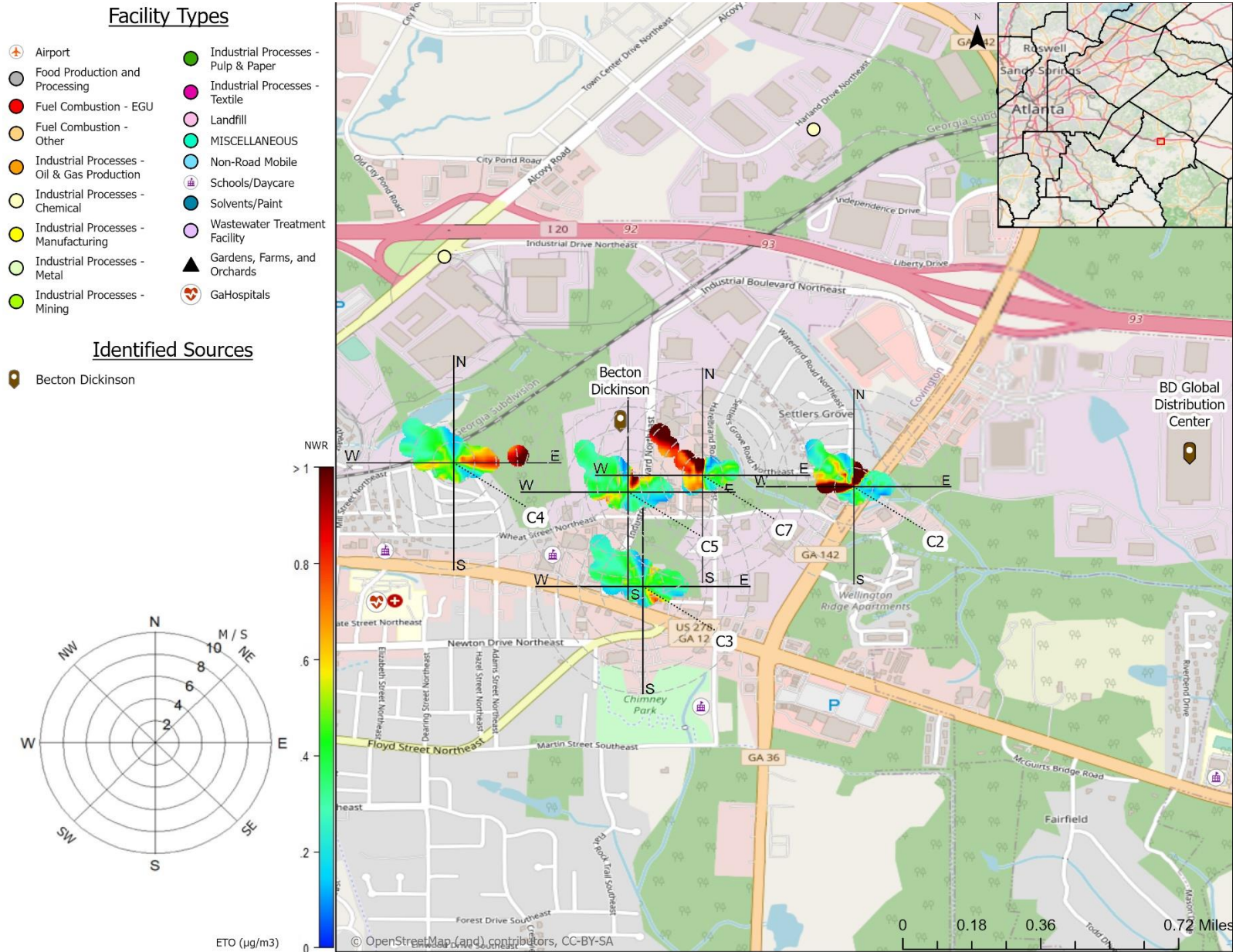


Figure 40. Polar Plots for Covington Area Sites, All Data

Negative pressure systems were installed with dry bed controls at BD Covington on April 2, 2020. BD Global Distribution Center (BD Warehouse) was the largest decrease in emissions with a negative pressure system installed December 31, 2020 using dry bed systems for controls. The following polar plots were created with data before the controls were installed on the Becton Dickinson facility and BD Global Distribution Center (BD Warehouse) and after the controls were installed.

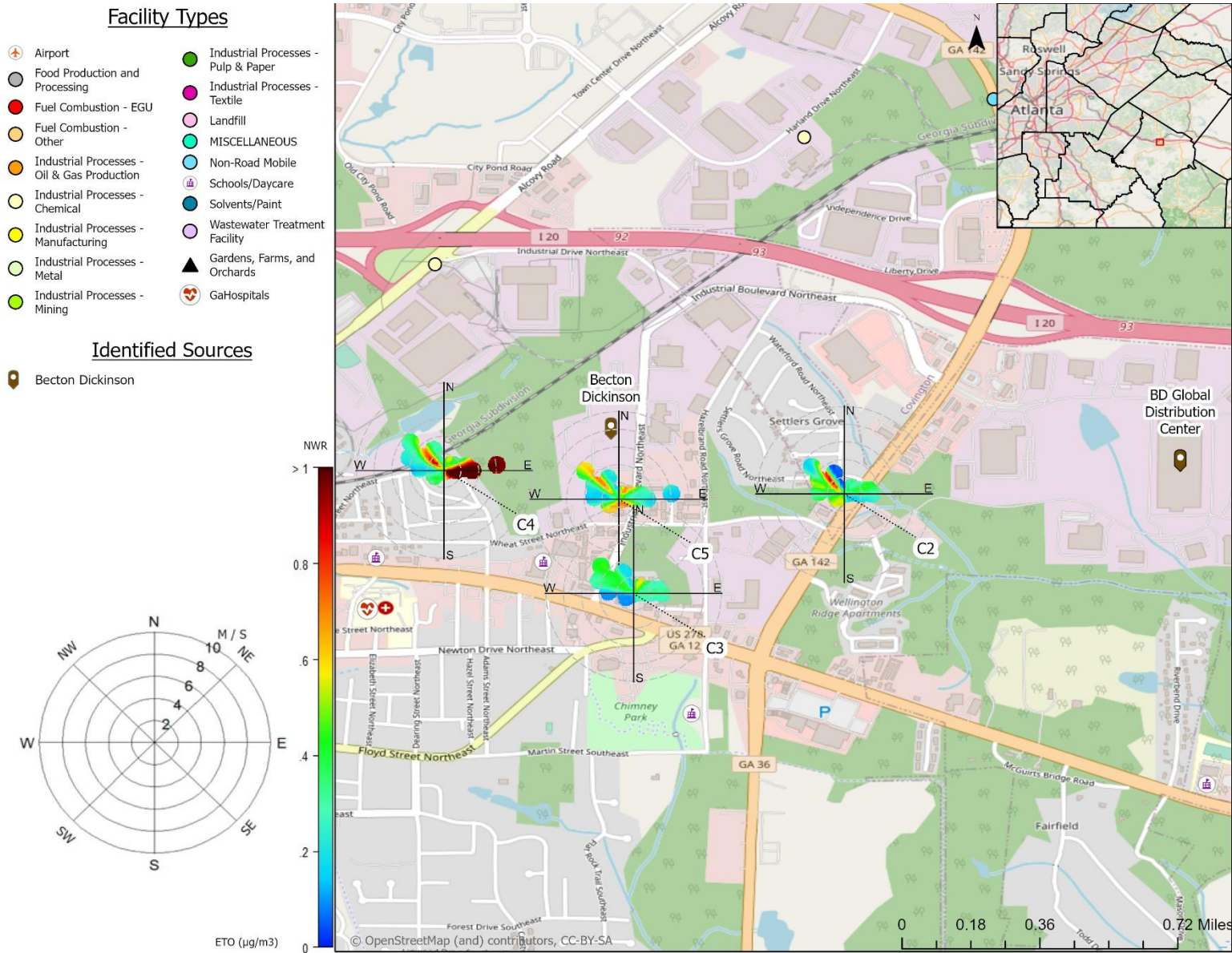


Figure 41. Polar Plots for Covington Area Sites, Before Controls Installed

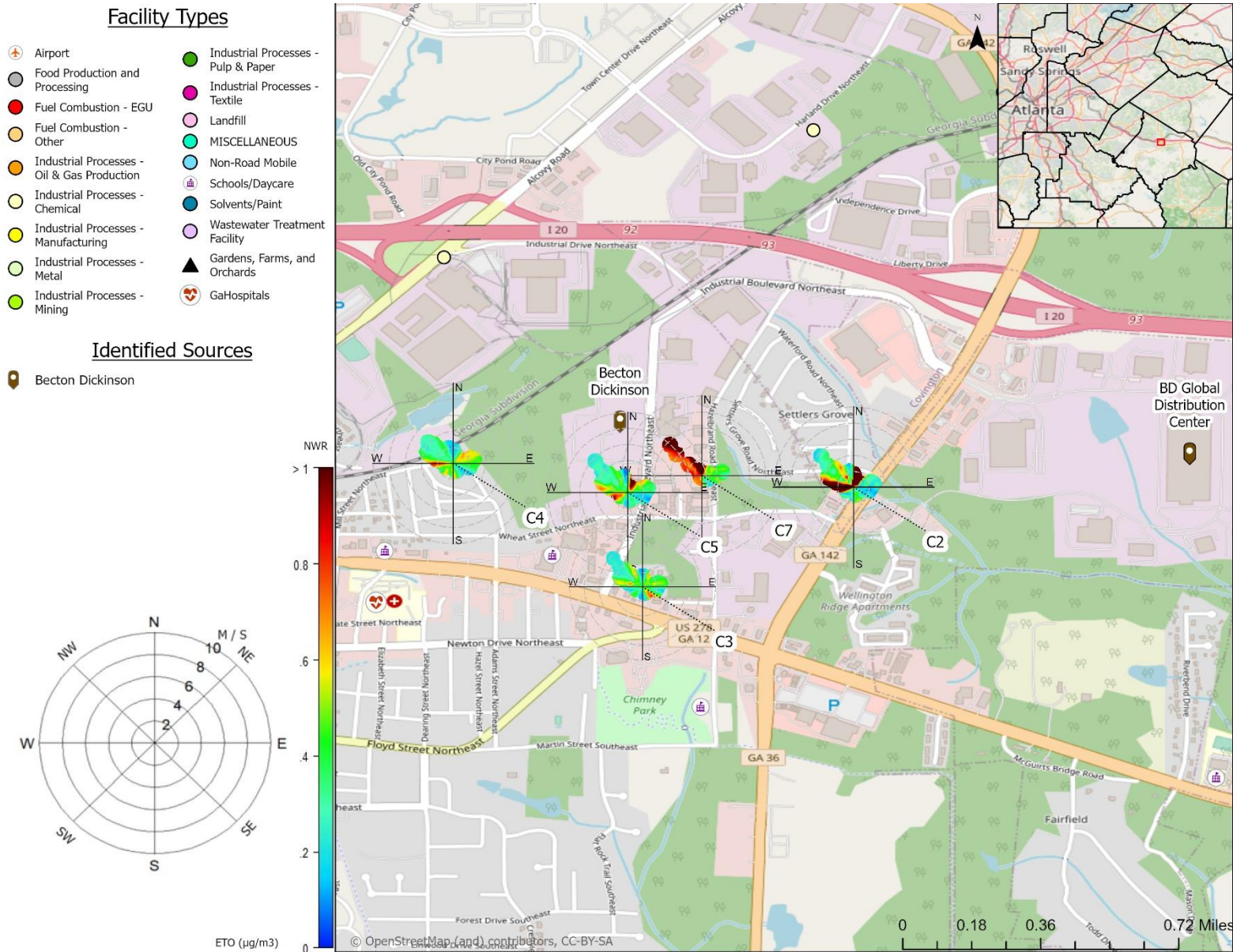
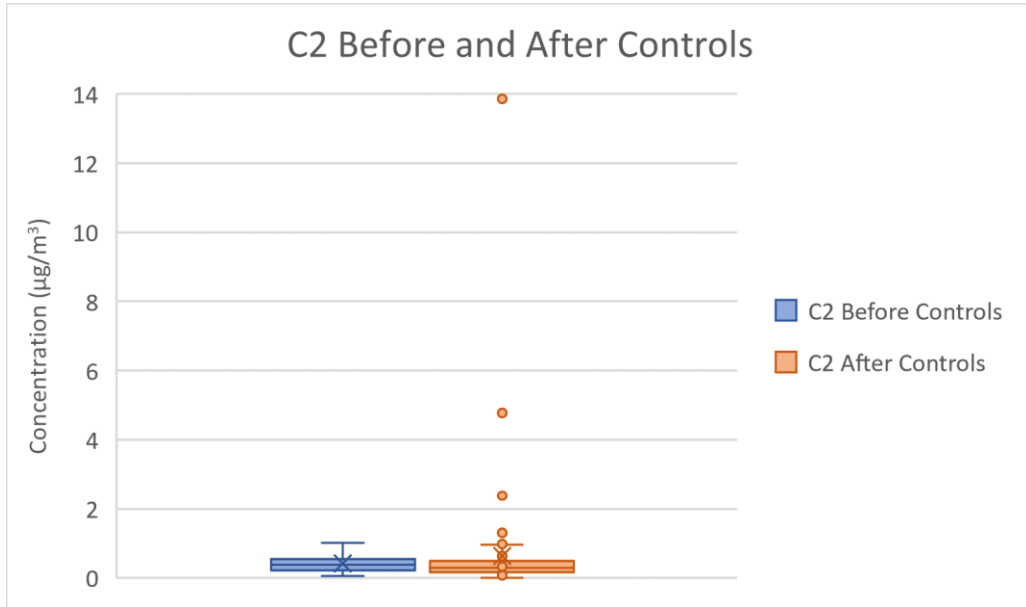
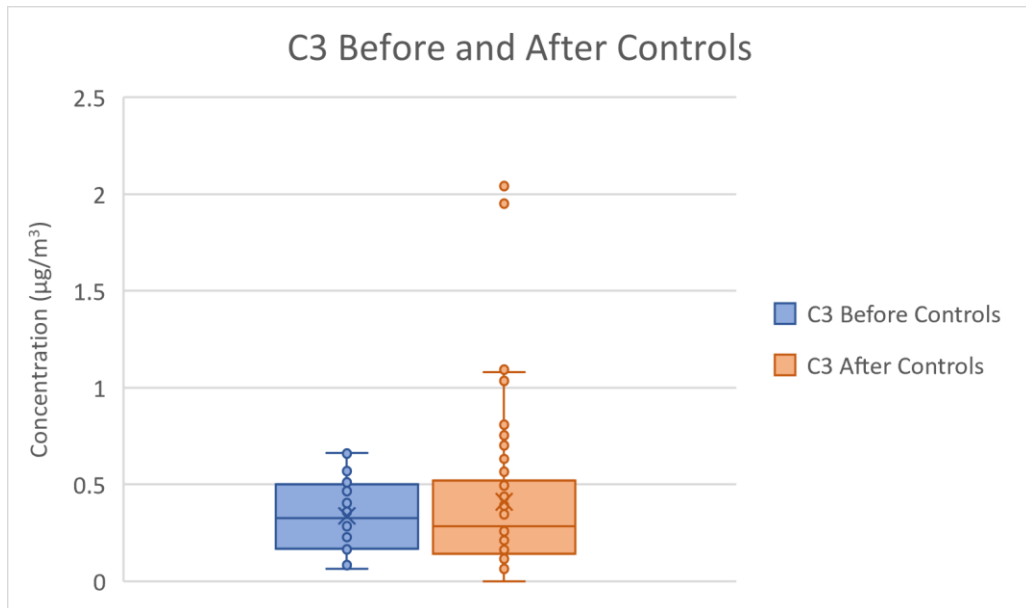


Figure 42. Polar Plots for Covington Area Sites, After Controls Installed

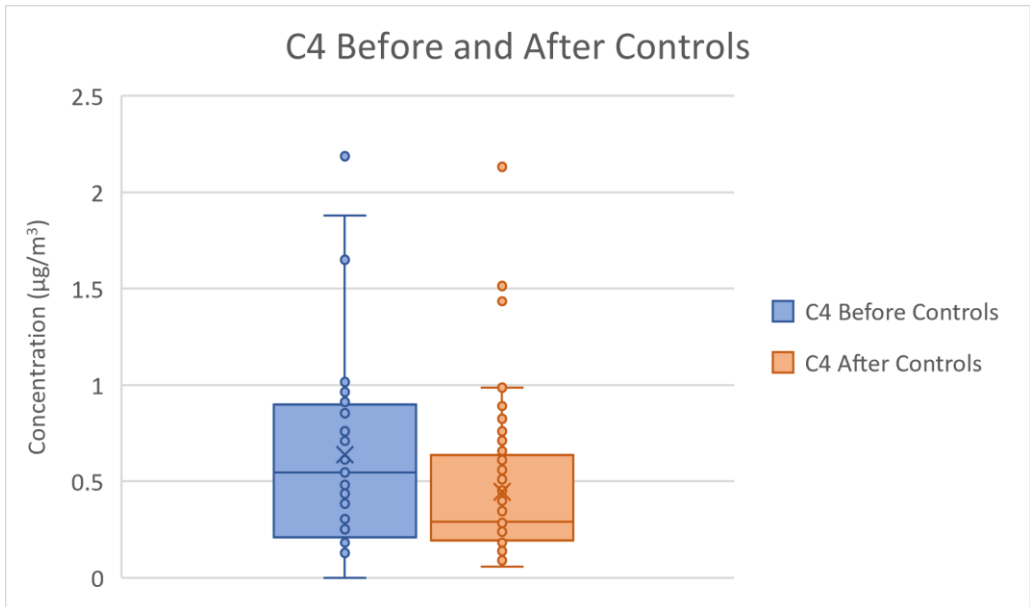
The following box and whisker plots show the difference in ethylene oxide data collected at the C2, C3, C4, and C5 sites before and after controls were installed at Bexton Dickinson. The remaining C sites collected less data and were not used for this analysis. Please note the scales are different for legibility purposes.



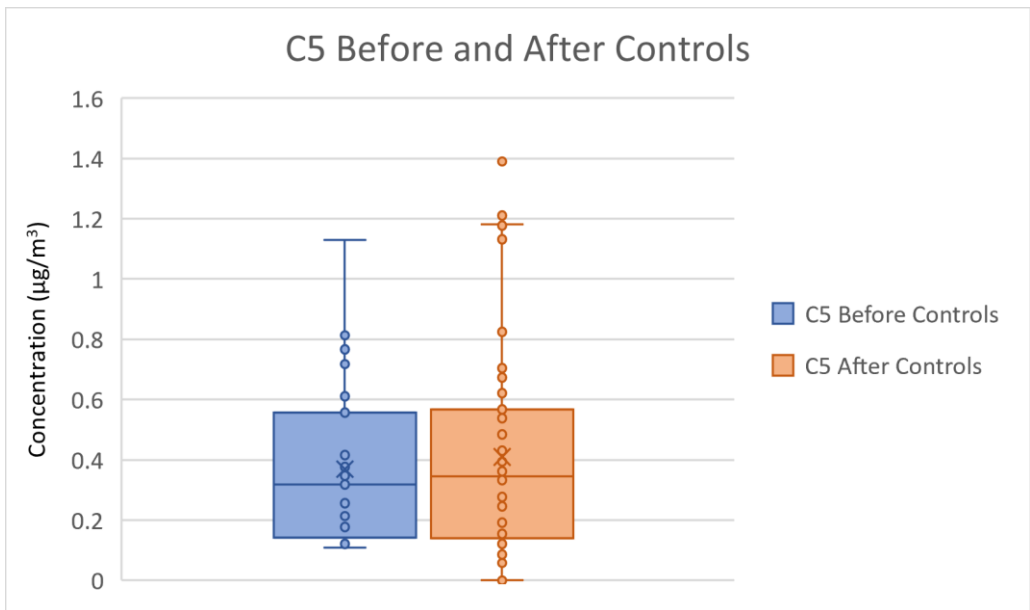
**Figure 43. Box and Whisker Plot of C2 Before and After Controls Installed, Data through 10/31/21**



**Figure 44. Box and Whisker Plot of C3 Before and After Controls Installed, Data through 10/31/21**



**Figure 45. Box and Whisker Plot of C4 Before and After Controls Installed, Data Through 10/31/21**



**Figure 46. Box and Whisker Plot of C5 Before and After Controls Installed, Data Through 10/31/21**

A Wilcoxon Rank Sum Test (with continuity correction) was used to determine if there was a significant statistical difference between the ethylene oxide concentrations collected at the C2, C3, C4, and C5 sites before and after Becton Dickinson had installed controls. The data associated with Becton Dickinson temporarily shut down was not included for this test. In this test, the  $p$ -value indicates the probability of seeing the data observed (or data that is even more unlikely) under the assumption that no difference exists between the concentrations before and after installation of controls. Traditionally,  $p$ -values less than 0.05 provide evidence that a difference exists, while  $p$ -values greater than 0.05 fail to provide evidence of a difference. Table 10 shows the  $p$ -value, as well as the averages before and after controls were installed, and whether or not there is a statistical difference according to the Wilcoxon Rank Sum Test.

**Table 10.  $p$ -values and Averages of C2, C3, C4 and C5 Before and After Controls Installed**

Before and After Controls				
Site	$p$ -value	Average Before	Average After	Statistically Significant (Y or N)
C2	0.26	0.42	0.64	N
C3	0.99	0.34	0.41	N
C4	0.06	0.64	0.45	N
C5	0.85	0.37	0.41	N

A Kruskal-Wallis Test was used to determine if there was a significant statistical difference in the ethylene oxide data collected for each site as compared to the background sites of South DeKalb and General Coffee. Based on the results of the Kruskal-Wallis Test, there is a statistically significant difference in the concentrations between these sites with the test applied (C2, C3, C4, C5, South DeKalb and General Coffee). The  $p$ -value value for the Kruskal-Wallis Test applied to these sites is 0.011. Further comparisons of the concentrations with the Wilcoxon Rank Sum Test indicate that concentration values measured at C4 have a significant statistical difference when compared to the background sites of South DeKalb (with a  $p$ -value of 0.0085) and General Coffee (with a  $p$ -value of  $7.87 \times 10^{-4}$ ), as well as the site C3 (with a  $p$ -value of 0.019). In addition, the ethylene oxide concentrations measured at the C2 site indicate a significant statistical difference in the concentrations measured at the General Coffee site (with a Wilcoxon Rank Sum Test  $p$ -value of 0.015). Similarly, the ethylene oxide concentrations measured at C5 also indicate a significant statistical difference in the concentrations measured at the General Coffee site (with a Wilcoxon Rank Sum Test  $p$ -value of 0.043).

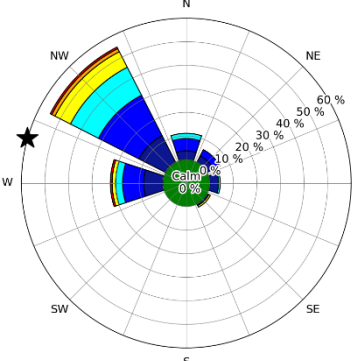
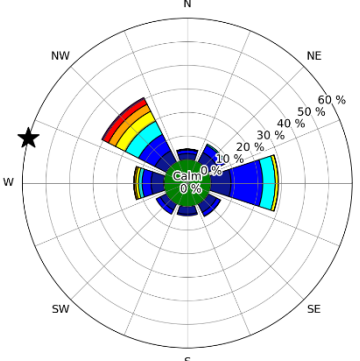
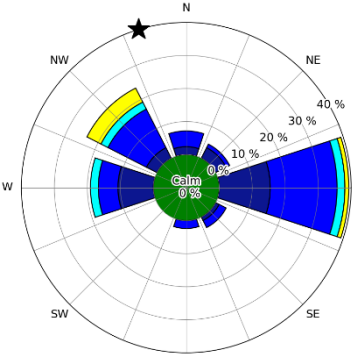
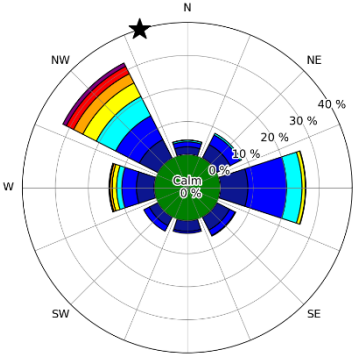
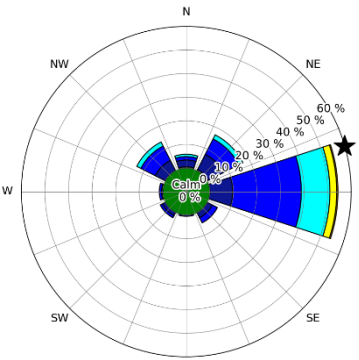
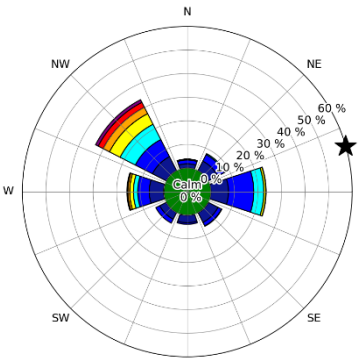
It should be noted that the Covington area data collected after the controls were installed includes data from April 1, 2020 – October 31, 2021. When the C site (C2, C3, C4, C5) data collected during this timeframe was compared to both the background sites of South DeKalb and General Coffee, there was no significant statistical difference to both the South DeKalb and General Coffee sites for this time period (Kruskal-Wallis Test with a  $p$ -value of 0.69).

Figure 47 shows the wind direction and wind speed for the monitoring sites in the Covington Area (i.e., the “C” sites). Hourly wind data from the Covington Municipal Airport (labeled as “CVC Monitor”) were used for the C sites. A pair of wind rose figures were developed for each monitoring site. The 90<sup>th</sup> percentile value for C sites is  $0.86 \mu\text{g}/\text{m}^3$ .

As shown in the rose figure for the C7 monitor with concentrations above the 90<sup>th</sup> percentile, 74 out of 144 valid hourly wind data were collected from the CVC monitor. The greatest frequency (approximately



61%) of the wind was from the northwest where the Becton Dickinson-Covington is located, while the wind rarely blew from the south and southeast. During the sampling period when concentrations at the C7 site were below the 90<sup>th</sup> percentile, 271 out of 432 valid hourly wind data were collected and winds blew from the east 32% of the time and from the northwest 28% of the time. Figure 48 is same as Figure 47 except that Figure 48 was developed excluding the questionable canister samples. The more frequent (approximately 72%) northwesterly winds were observed without the questionable canister samples at C7 monitor with concentrations above the 90<sup>th</sup> percentile.

Site Name	Concentrations above the 90 <sup>th</sup> Percentile	Concentrations below the 90 <sup>th</sup> Percentile
C2	<p><b>C2 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>135 out of 264 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (32 %)</li> <li>2.0 - 3.0 m/s (36 %)</li> <li>3.0 - 4.0 m/s (19 %)</li> <li>4.0 - 5.0 m/s (10 %)</li> <li>5.0 - 6.0 m/s (1 %)</li> <li>6.0 - 7.0 m/s (1 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C2 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>1490 out of 2472 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (36 %)</li> <li>2.0 - 3.0 m/s (34 %)</li> <li>3.0 - 4.0 m/s (14 %)</li> <li>4.0 - 5.0 m/s (7 %)</li> <li>5.0 - 6.0 m/s (4 %)</li> <li>6.0 - 7.0 m/s (3 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>
C3	<p><b>C3 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>84 out of 168 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (37 %)</li> <li>2.0 - 3.0 m/s (50 %)</li> <li>3.0 - 4.0 m/s (7 %)</li> <li>4.0 - 5.0 m/s (6 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (0 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C3 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>1565 out of 2544 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (37 %)</li> <li>2.0 - 3.0 m/s (33 %)</li> <li>3.0 - 4.0 m/s (14 %)</li> <li>4.0 - 5.0 m/s (7 %)</li> <li>5.0 - 6.0 m/s (4 %)</li> <li>6.0 - 7.0 m/s (3 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>
C4	<p><b>C4 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>206 out of 360 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (1 %)</li> <li>1.0 - 2.0 m/s (29 %)</li> <li>2.0 - 3.0 m/s (50 %)</li> <li>3.0 - 4.0 m/s (17 %)</li> <li>4.0 - 5.0 m/s (3 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (0 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C4 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>1267 out of 2088 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (37 %)</li> <li>2.0 - 3.0 m/s (33 %)</li> <li>3.0 - 4.0 m/s (14 %)</li> <li>4.0 - 5.0 m/s (8 %)</li> <li>5.0 - 6.0 m/s (4 %)</li> <li>6.0 - 7.0 m/s (3 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>

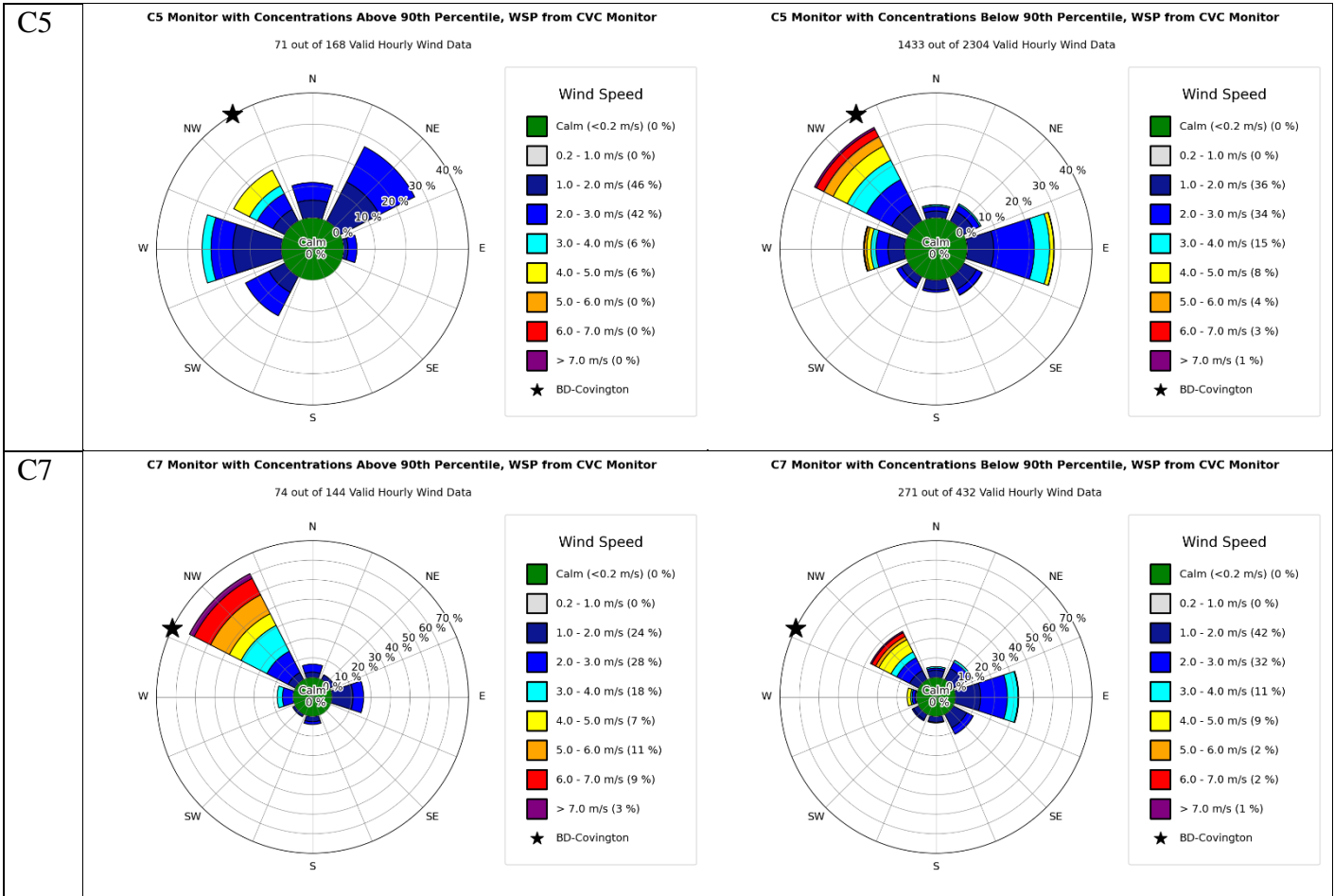
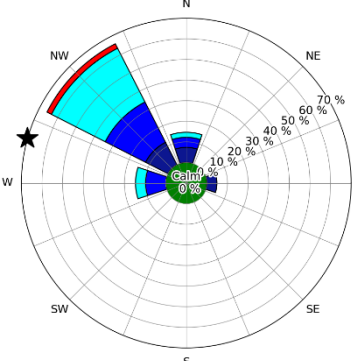
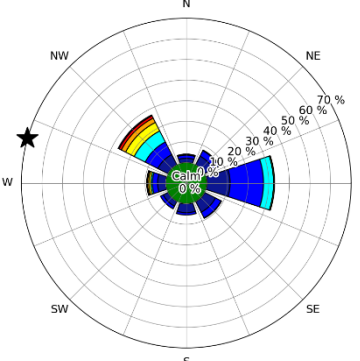
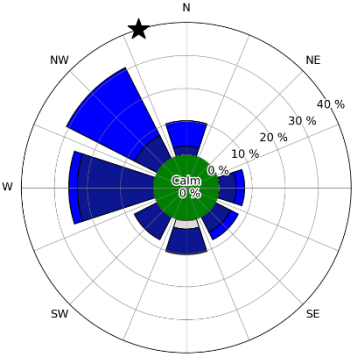
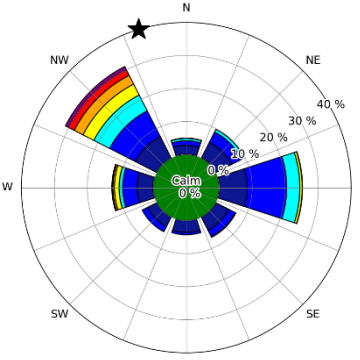
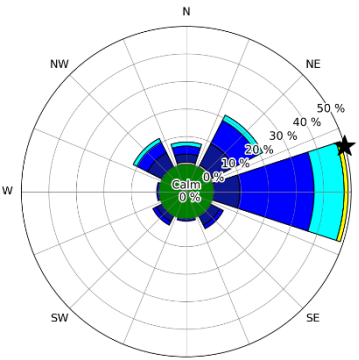
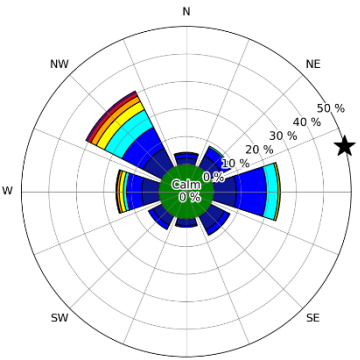


Figure 47. Wind Speed and Wind Direction for the Covington Area Sites

Site Name	Concentrations above the 90 <sup>th</sup> Percentile	Concentrations below the 90 <sup>th</sup> Percentile
C2	<p><b>C2 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>41 out of 72 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (24 %)</li> <li>2.0 - 3.0 m/s (37 %)</li> <li>3.0 - 4.0 m/s (37 %)</li> <li>4.0 - 5.0 m/s (0 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (2 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C2 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>816 out of 1464 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (40 %)</li> <li>2.0 - 3.0 m/s (36 %)</li> <li>3.0 - 4.0 m/s (13 %)</li> <li>4.0 - 5.0 m/s (6 %)</li> <li>5.0 - 6.0 m/s (3 %)</li> <li>6.0 - 7.0 m/s (1 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>
C3	<p><b>C3 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>39 out of 96 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (3 %)</li> <li>1.0 - 2.0 m/s (59 %)</li> <li>2.0 - 3.0 m/s (38 %)</li> <li>3.0 - 4.0 m/s (0 %)</li> <li>4.0 - 5.0 m/s (0 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (0 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C3 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>1002 out of 1704 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (1 %)</li> <li>1.0 - 2.0 m/s (40 %)</li> <li>2.0 - 3.0 m/s (35 %)</li> <li>3.0 - 4.0 m/s (12 %)</li> <li>4.0 - 5.0 m/s (6 %)</li> <li>5.0 - 6.0 m/s (4 %)</li> <li>6.0 - 7.0 m/s (2 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>
C4	<p><b>C4 Monitor with Concentrations Above 90th Percentile, WSP from CVC Monitor</b></p> <p>137 out of 240 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (1 %)</li> <li>1.0 - 2.0 m/s (33 %)</li> <li>2.0 - 3.0 m/s (48 %)</li> <li>3.0 - 4.0 m/s (16 %)</li> <li>4.0 - 5.0 m/s (1 %)</li> <li>5.0 - 6.0 m/s (0 %)</li> <li>6.0 - 7.0 m/s (0 %)</li> <li>&gt; 7.0 m/s (0 %)</li> </ul> <p>★ BD-Covington</p>	<p><b>C4 Monitor with Concentrations Below 90th Percentile, WSP from CVC Monitor</b></p> <p>1007 out of 1584 Valid Hourly Wind Data</p>  <p><b>Wind Speed</b></p> <ul style="list-style-type: none"> <li>Calm (&lt;0.2 m/s) (0 %)</li> <li>0.2 - 1.0 m/s (0 %)</li> <li>1.0 - 2.0 m/s (40 %)</li> <li>2.0 - 3.0 m/s (34 %)</li> <li>3.0 - 4.0 m/s (14 %)</li> <li>4.0 - 5.0 m/s (6 %)</li> <li>5.0 - 6.0 m/s (3 %)</li> <li>6.0 - 7.0 m/s (1 %)</li> <li>&gt; 7.0 m/s (1 %)</li> </ul> <p>★ BD-Covington</p>

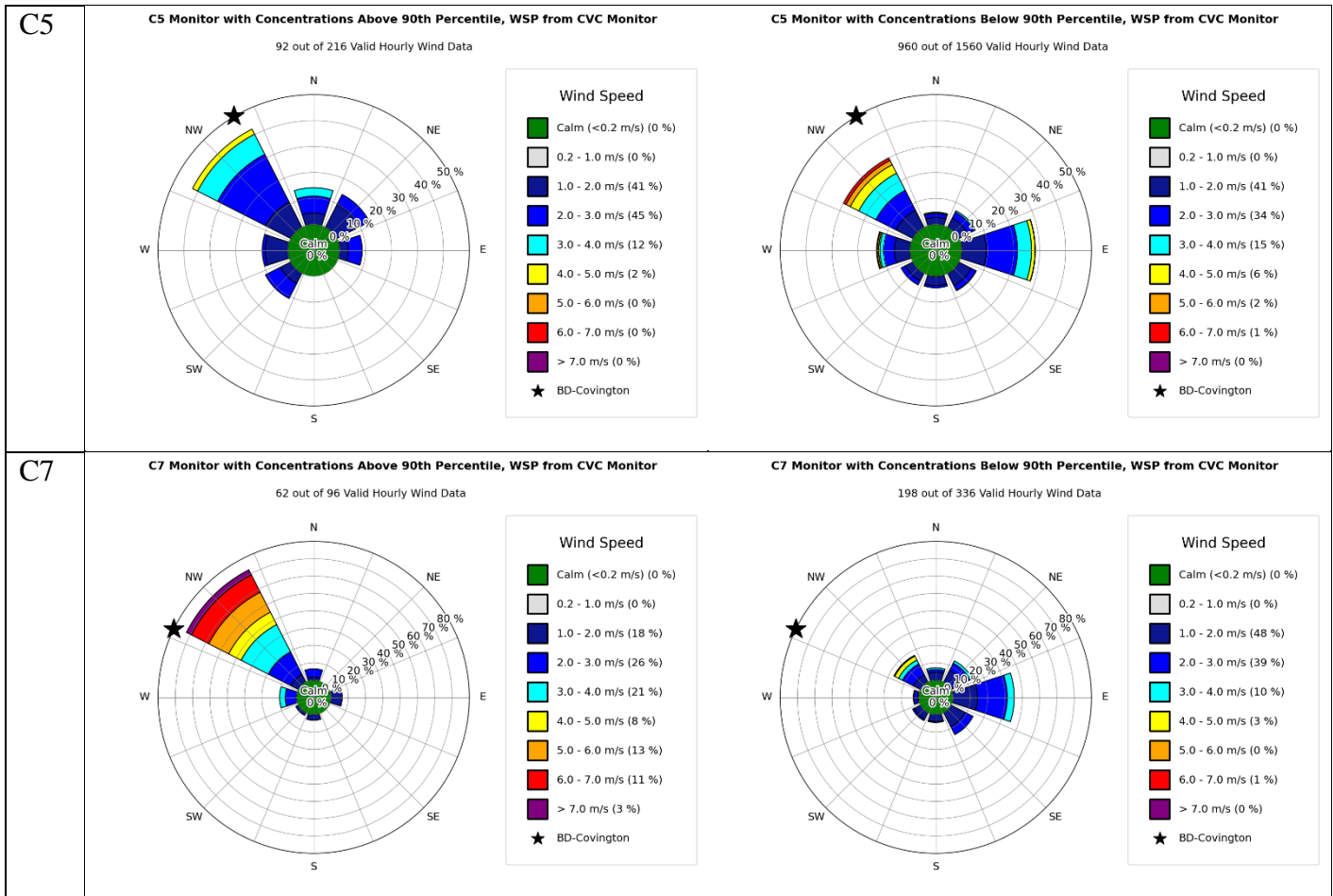
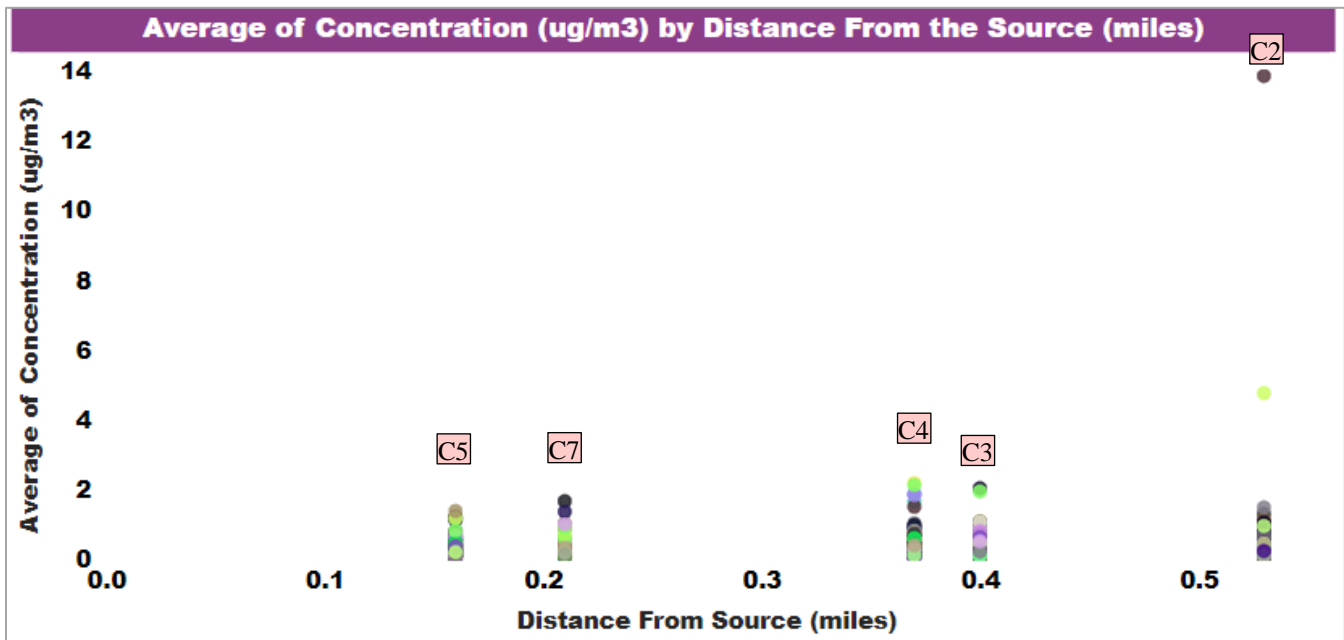


Figure 48. Wind Speed and Wind Direction for the Covington Area Sites, without Questionable Canister Data

In Figure 49 and Table 11, the distances of each of the C sites from Becton Dickinson, along with the ethylene oxide concentrations, are shown in tabular form and graphical form. In Figure 49, 0 would represent the point where Becton Dickinson is located, and then each site's ethylene oxide concentrations are graphed at the distance away from the source, or the facility. Each of the sites are labeled in the small pink box above that site's data. Spatial samples C2 and C7 were compared in relation to the facility, and it appears that C7 ethylene oxide concentrations are not higher than the C2 concentrations. The dataset in Figure 49 and Table 11 does not include any of the quality assurance samples (field blanks, collocated samples) and the data for sites C1, C7, and C9 were not included as they were sampled for only a very short term during the study.

**Table 11. Table of the C Sites Distances from Becton Dickinson**

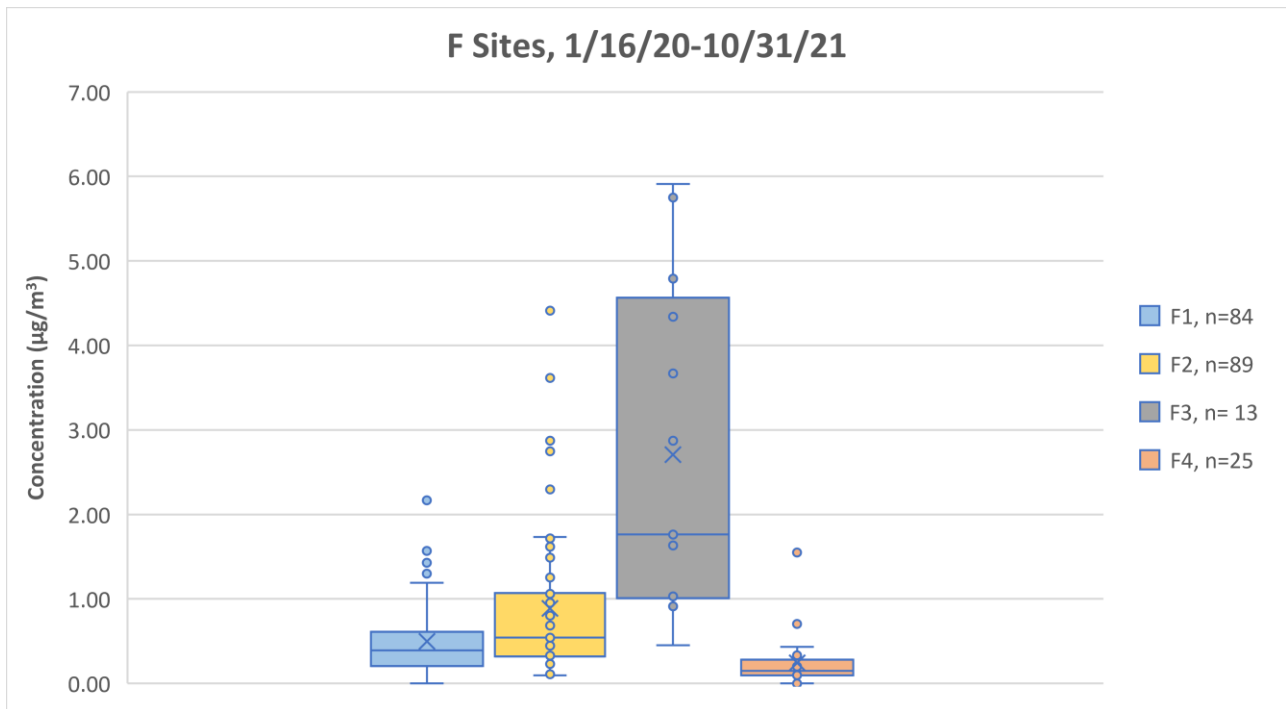
Site Name	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
C2	120	0.53	13.86	0.53
C3	114	0.38	2.04	0.40
C4	122	0.49	2.69	0.37
C5	105	0.38	1.39	0.16
C7	24	0.50	1.67	0.21



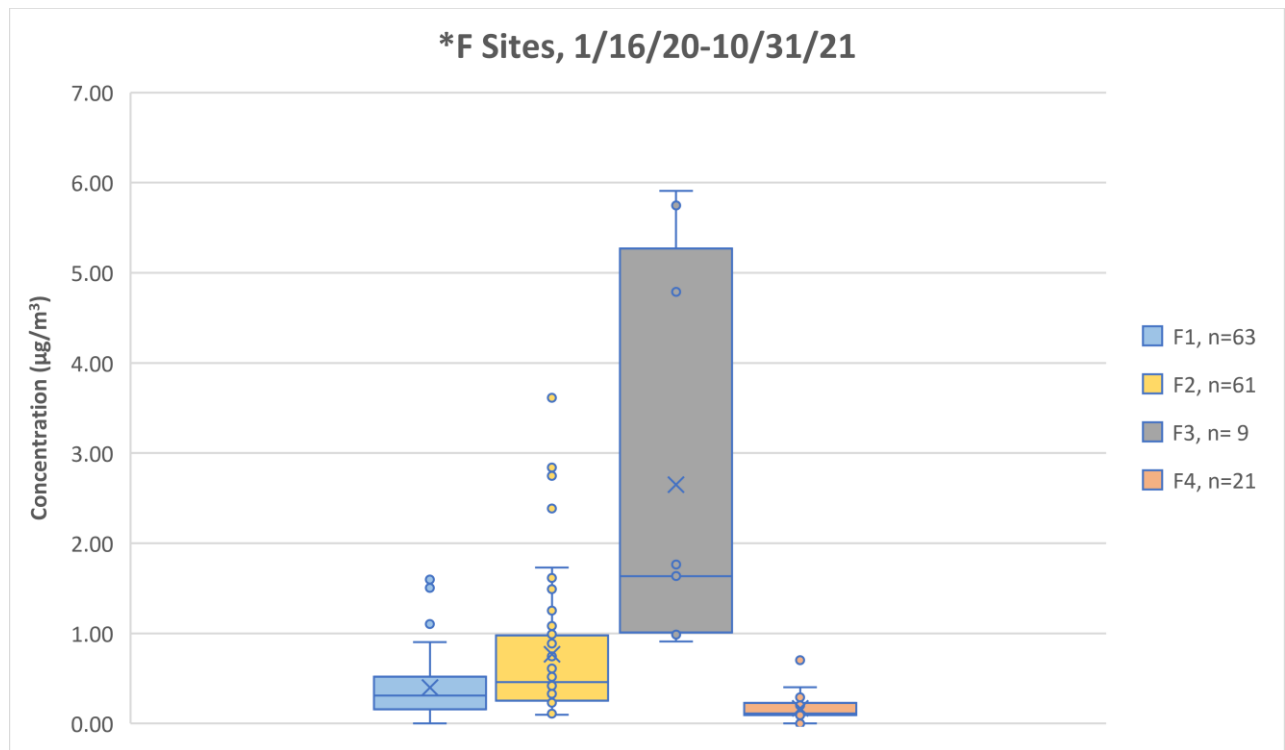
**Figure 49. Graph of the C Sites Distances from Becton Dickinson**

### 7.3 Fulton County Area Sites

The next two graphs are box and whisker plots. Figure 50 shows the F sites and includes all of the data, while Figure 51 shows the F sites without the questionable canister data. The sampling equipment at F3 was stolen during the study; therefore, the data set for F3 is much smaller.



**Figure 50. Box and Whisker Plots for Fulton County Sites, Including All Data**



**Figure 51. Box and Whisker Plots for Fulton County Sites, without Questionable Canister Data, Including All Data**

Figure 52 is a polar plot showing the F ethylene oxide monitoring sites around the Sterilization Services of Georgia facility, in relation to wind speed and wind direction. Lower concentrations of ethylene oxide are shown with blue colors, while higher concentrations are shown with red colors. The colors have a gradient from blue to red in between to represent this scale of concentrations from blue to red shown in the legend. The concentrations range from 0 to >1 µg/m<sup>3</sup> at each of the monitoring locations. The monitoring location is at the center of each of the polar plots. The dots are plotted in the direction the wind is coming from, and the dots plotted further away from the center of the plot indicate a higher wind speed. The higher ethylene oxide concentrations appear to be coming toward the samplers from the direction of the facility.



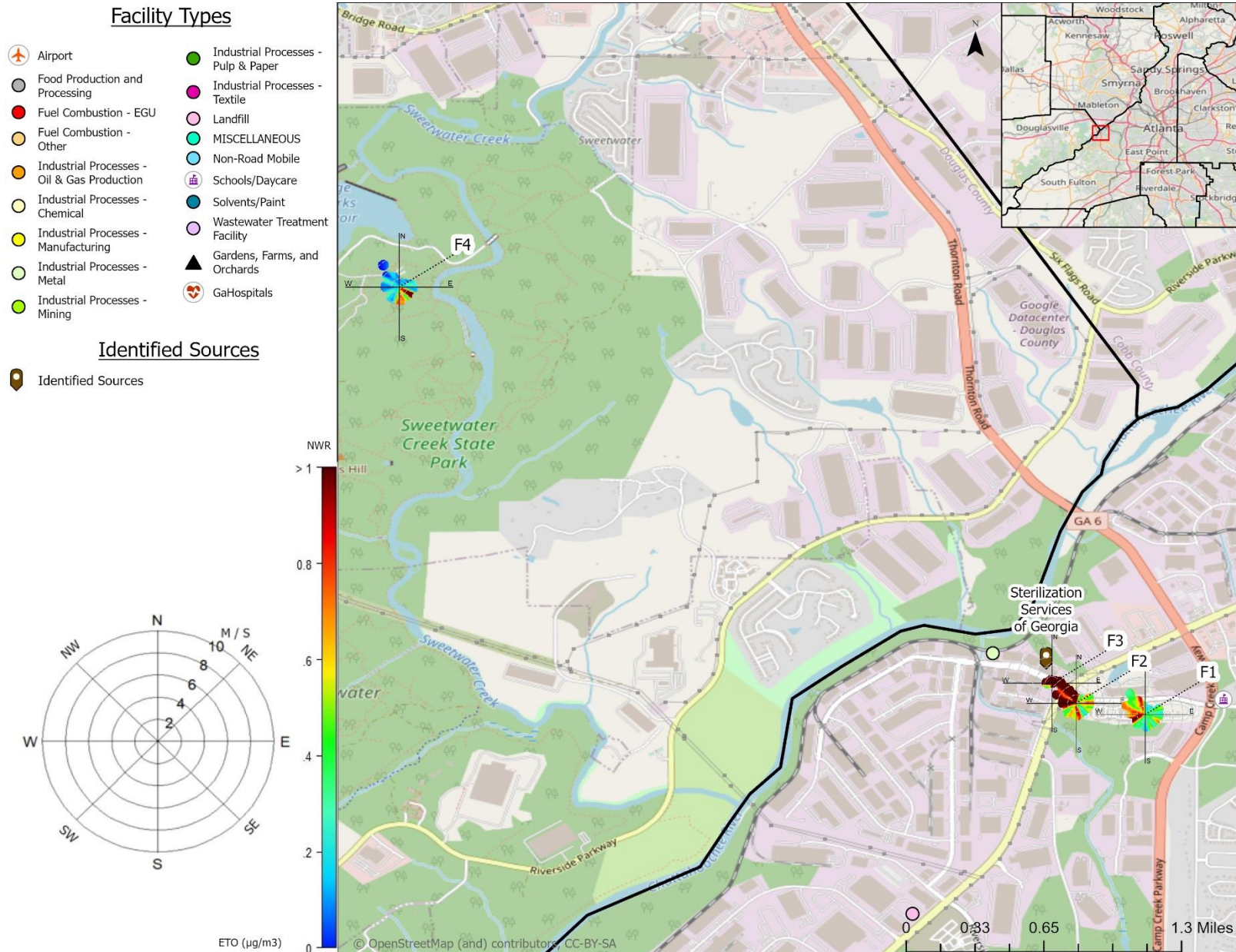


Figure 52. Polar Plots for Fulton County Area Sites, All Data

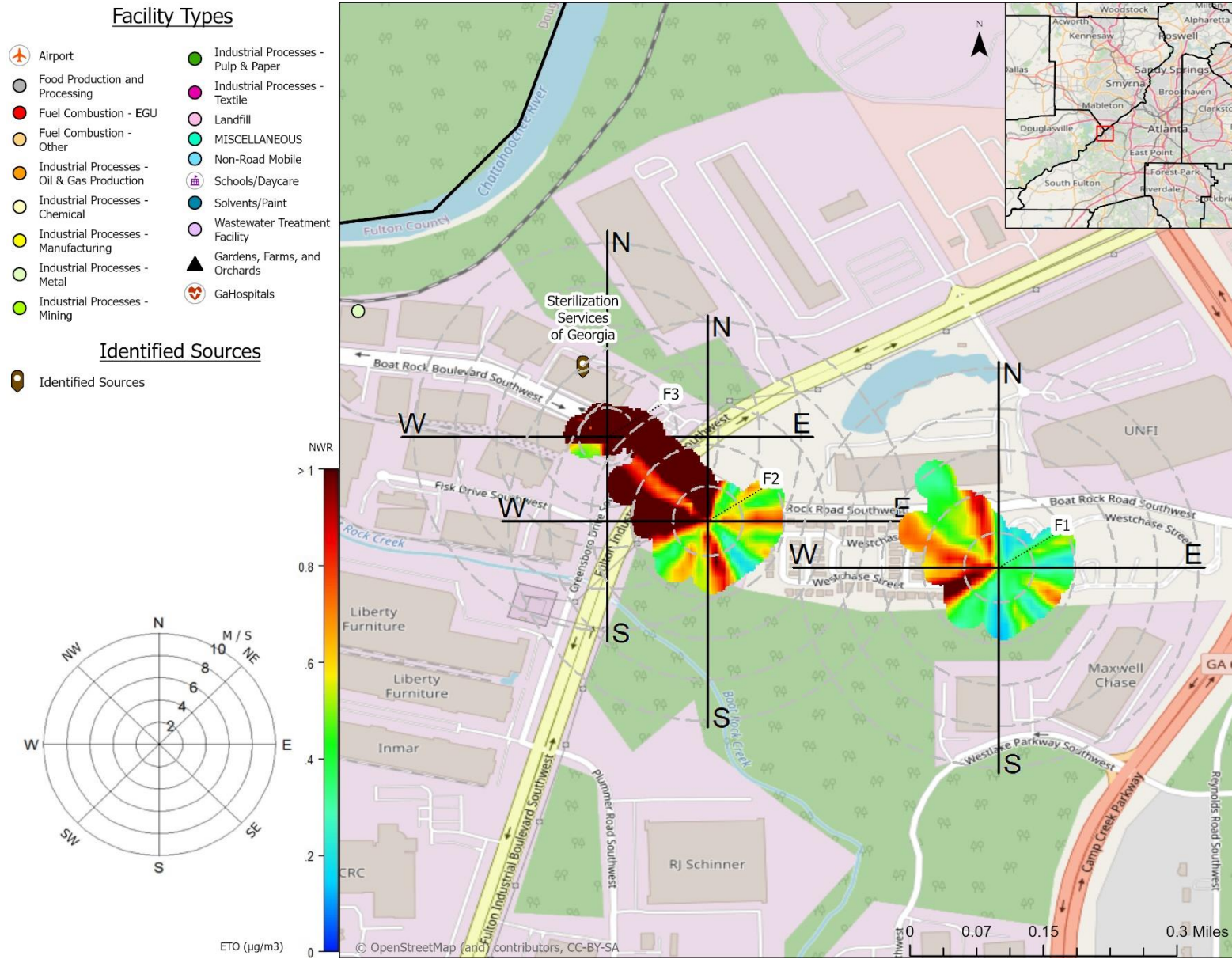


Figure 53. Polar Plots for Fulton County Area Sites, All Data, Zoomed on F1, F2, and F3

Back vent controls were added at SSG on January 18, 2020. Negative pressure systems were installed with dry bed controls at SSG on January 26, 2021.

The following polar plots were created with data before the controls were installed on the Sterilization Services of Georgia facility and after the controls were installed. Since the F4 site was established later, it is not shown in Figure 54, and likewise, since the F3 site was stolen during the study, it is not shown in Figure 55 and Figure 56. Figure 54 shows the data before the controls were installed, and Figure 55 and Figure 56 show the data after the controls were installed. Figure 56 shows a zoomed in view of sites F1 and F2 shown in Figure 55. It is clear that the ethylene oxide concentrations were reduced (less red) after the controls were installed.

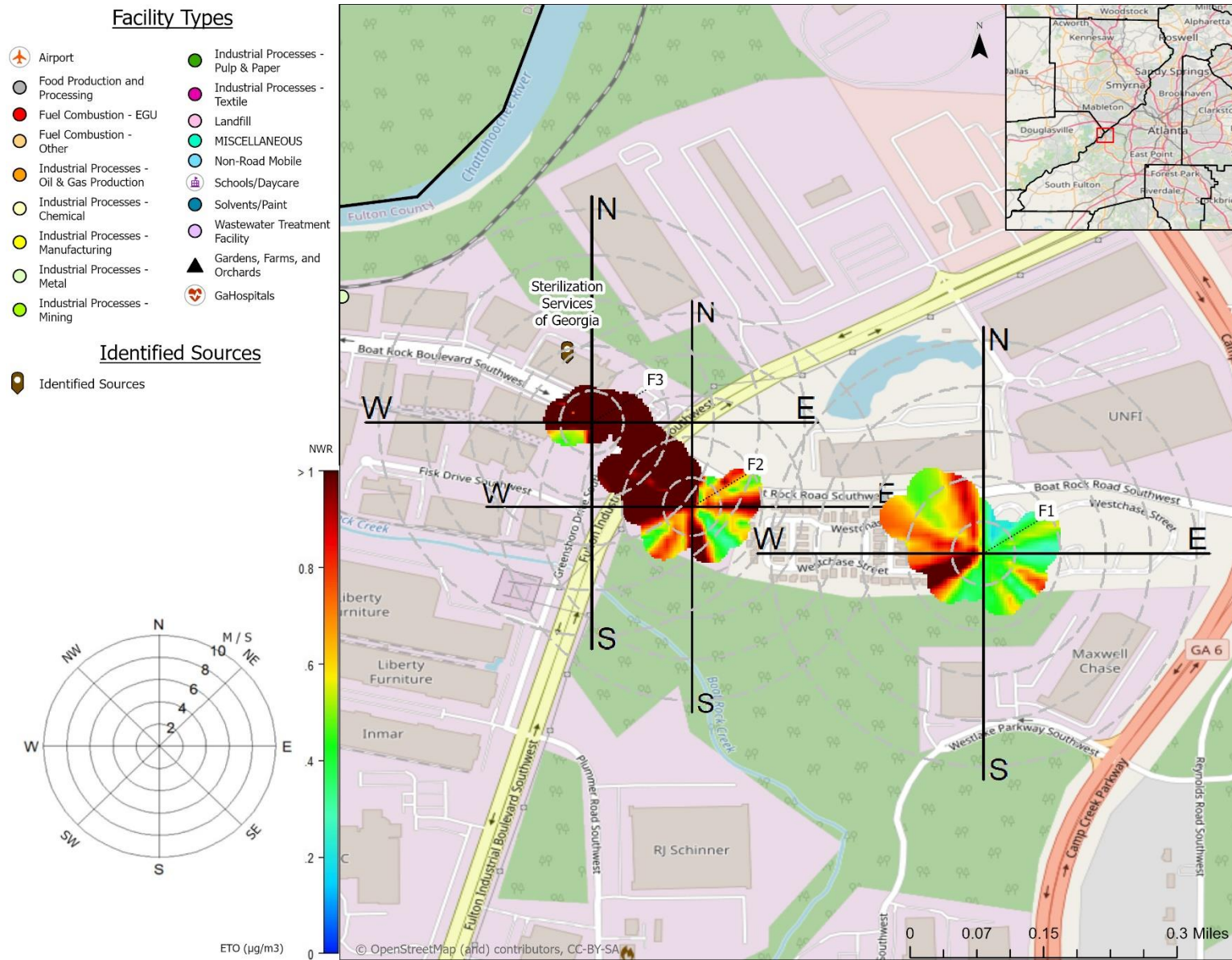


Figure 54. Polar Plots for Fulton County Area Sites, Before Controls Installed

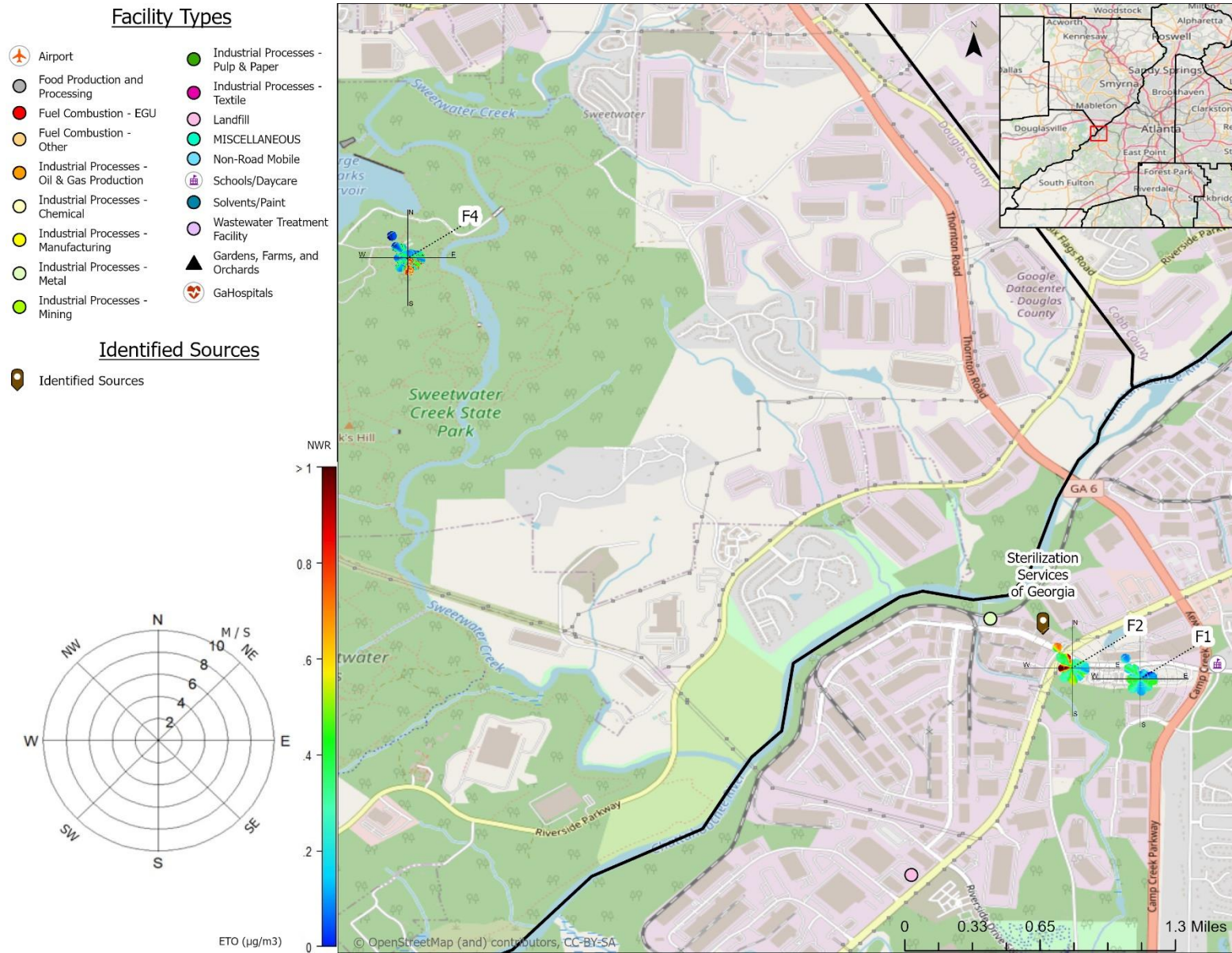


Figure 55. Polar Plots for Fulton County Area Sites, After Controls Installed

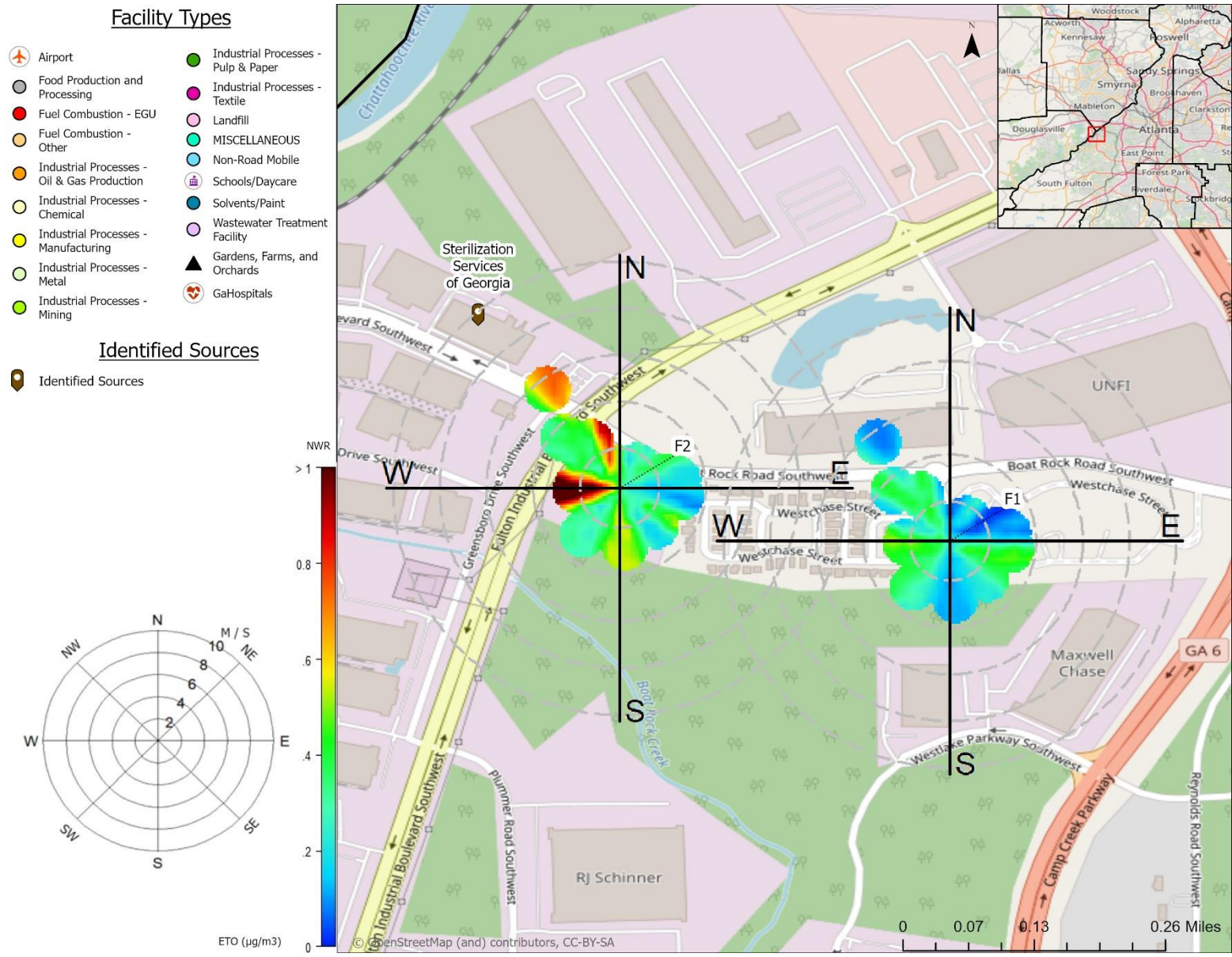
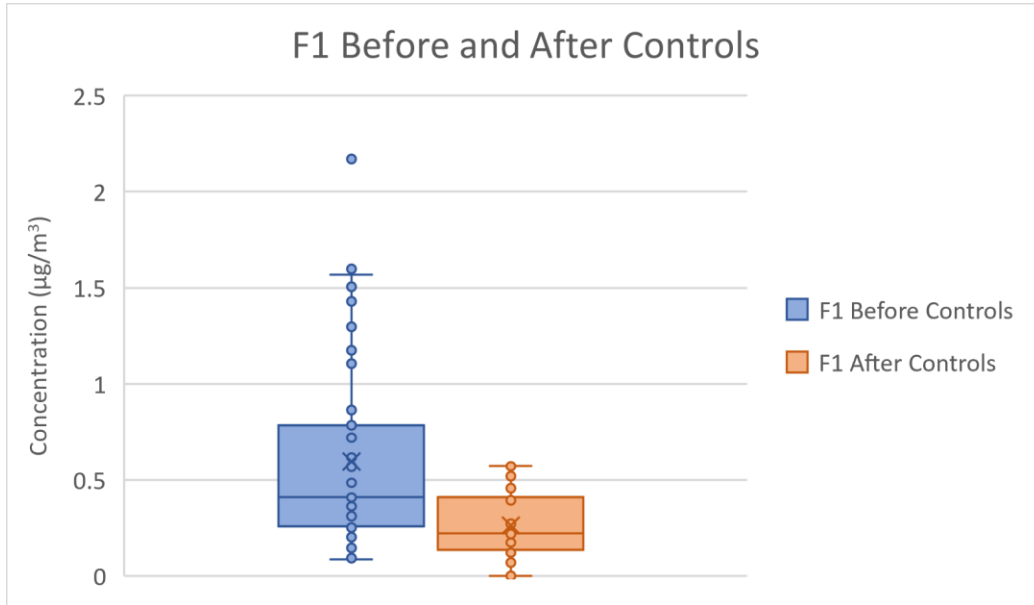
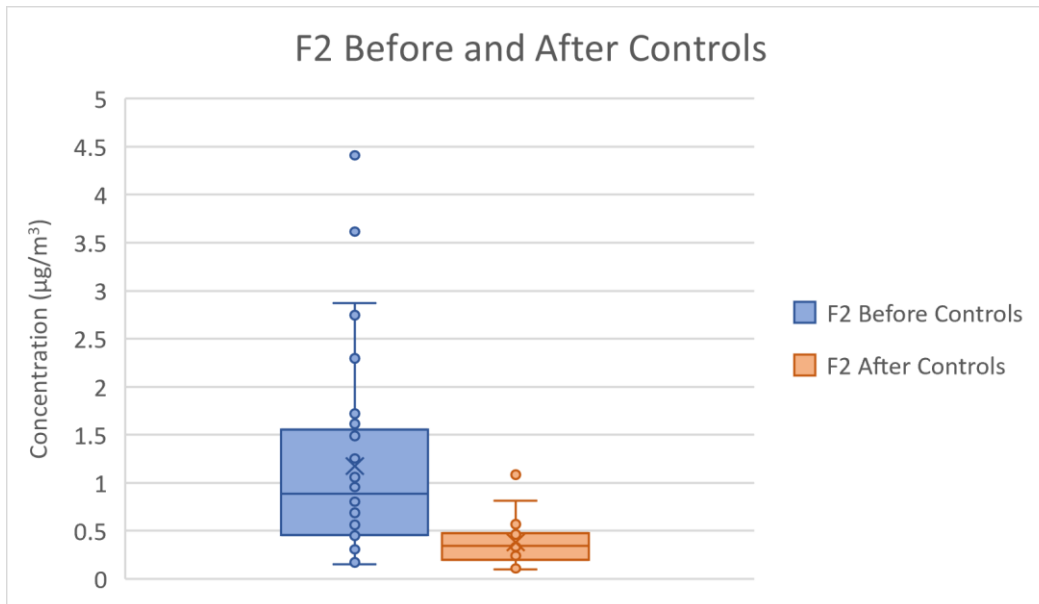


Figure 56. Polar Plots for Fulton County Area Sites, After Controls Installed, Zoomed on F1 and F2

The following box and whisker plots show the difference in ethylene oxide data collected at the F1 and F2 sites before and after controls were installed at Sterilization Services of Georgia. The remaining F sites collected less data and were not used for this analysis. Please note the scales are different for legibility purposes.



**Figure 57. Box and Whisker Plot of F1 Before and After Controls Installed, Including All Data**



**Figure 58. Box and Whisker Plot of F2 Before and After Controls Installed, Including All Data**

A Wilcoxon Rank Sum Test (with continuity correction) was used to determine if there was a significant statistical difference between the ethylene oxide concentrations collected at the F1 and F2 sites before and after Sterilization Services of Georgia had installed controls. In this test, the *p*-value indicates the probability of seeing the data observed (or data that is even more unlikely) under the assumption that no

difference exists between the concentrations before and after installation of controls. Traditionally,  $p$ -values less than 0.05 provide evidence that a difference exists, while  $p$ -values greater than 0.05 fail to provide evidence of a difference. Table 12 shows the  $p$ -value, as well as the averages before and after controls were installed, and whether or not there is a statistical difference according to the Wilcoxon Rank Sum Test.

**Table 12.  $p$ -values and Averages of F1 and F2 Sites Before and After Controls Installed**

Before and After Controls				
Site	$p$ -value	Average Before	Average After	Statistically Significant (Y or N)
F1	0.00093	0.59	0.26	Y
F2	$5.21 \times 10^{-7}$	1.18	0.38	Y

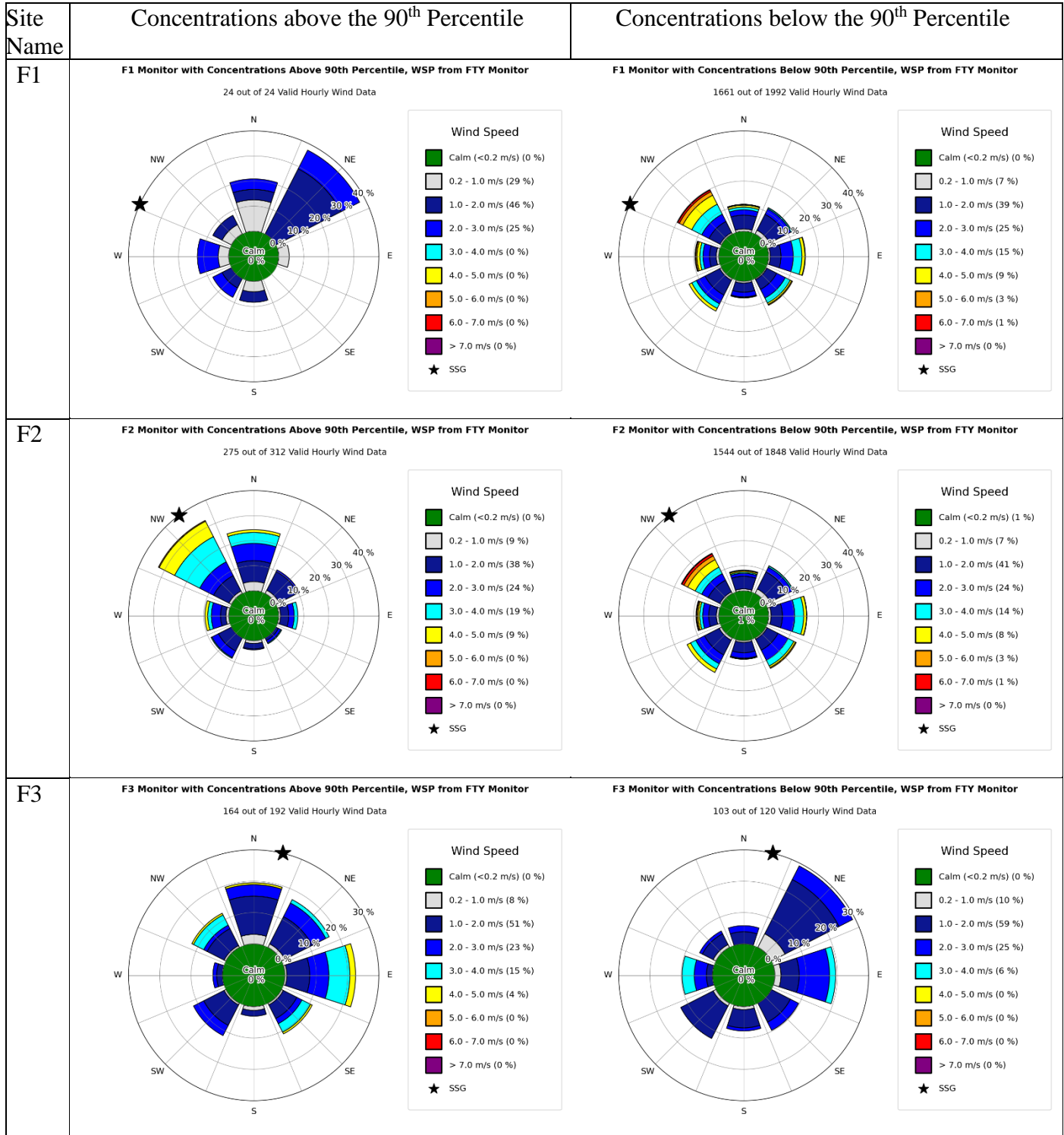
A Kruskal-Wallis Test was used to determine if there was a significant statistical difference in the ethylene oxide data collected for each site as compared to the background sites of South DeKalb and General Coffee. Based on the results of the Kruskal-Wallis Test applied, there is a statistically significant difference in the concentrations between any of these sites (F1, F2, South DeKalb and General Coffee). The  $p$ -value value for the Kruskal-Wallis Test applied to these sites is  $1.17 \times 10^{-9}$ . Further comparisons of the concentrations with the Wilcoxon Rank Sum Test indicate that concentration values measured at F2 have a significant statistical difference when compared to the background sites of South DeKalb (with a  $p$ -values of  $1.39 \times 10^{-8}$ ) and General Coffee (with a  $p$ -values of  $6.05 \times 10^{-8}$ ). Similarly, the ethylene oxide concentrations measured at F1 also indicate a significant statistical difference in the concentrations measured at South DeKalb (with a Wilcoxon Rank Sum Test  $p$ -value of 0.030) and in the concentrations measured at the General Coffee site (with a Wilcoxon Rank Sum Test  $p$ -value of 0.003). The ethylene oxide concentrations measured at F1 and F2 also have a significant statistical difference with a Wilcoxon Rank Sum Test  $p$ -value of  $8.67 \times 10^{-4}$ . It should be noted that the Fulton County area data collected after the controls were installed includes only nine months of data. When the F1 and F2 data collected during this timeframe (January 28 through October 31) was compared to both the background sites of South DeKalb and General Coffee, there is no significant statistical difference to both the South DeKalb and General Coffee sites for this time period. F1 compared to the South DeKalb and General Coffee sites had a Kruskal-Wallis Test  $p$ -value 0.23, and F2 compared to the South DeKalb and General Coffee sites had a Kruskal-Wallis Test  $p$ -value of 0.12.

Figure 59 shows the wind direction and wind speed for the monitoring sites in Fulton County (i.e., the “F” sites). Hourly wind data from the Atlanta Fulton County Airport (labeled as “FTY Monitor”) were used for the F sites. A pair of wind rose figures were developed for each monitoring site, except F4. The F4 site only has one wind rose figure with concentrations below the 90<sup>th</sup> percentile as its highest concentration ( $1.55 \mu\text{g}/\text{m}^3$ ) which is lower than the 90<sup>th</sup> percentile value of  $1.63 \mu\text{g}/\text{m}^3$  over the area.

As shown in the wind rose figure for F2 monitor with concentrations above the 90<sup>th</sup> percentile, 275 out of 312 valid hourly wind data were collected from the FTY monitor. Approximately 33% of the time the winds came from the northwest where the SSG facility is located and approximately 24% of time the winds blew from the north. During the sampling period when concentrations at the F2 site were below the 90<sup>th</sup> percentile, 1,544 out of 1,848 valid hourly wind data were collected. The top three longest spokes are oriented in the northwest (18% of the time), southwest direction (16% of the time), and east (15% of



the time). Figure 60 is same as Figure 59 except that Figure 60 was developed excluding the questionable canister samples.



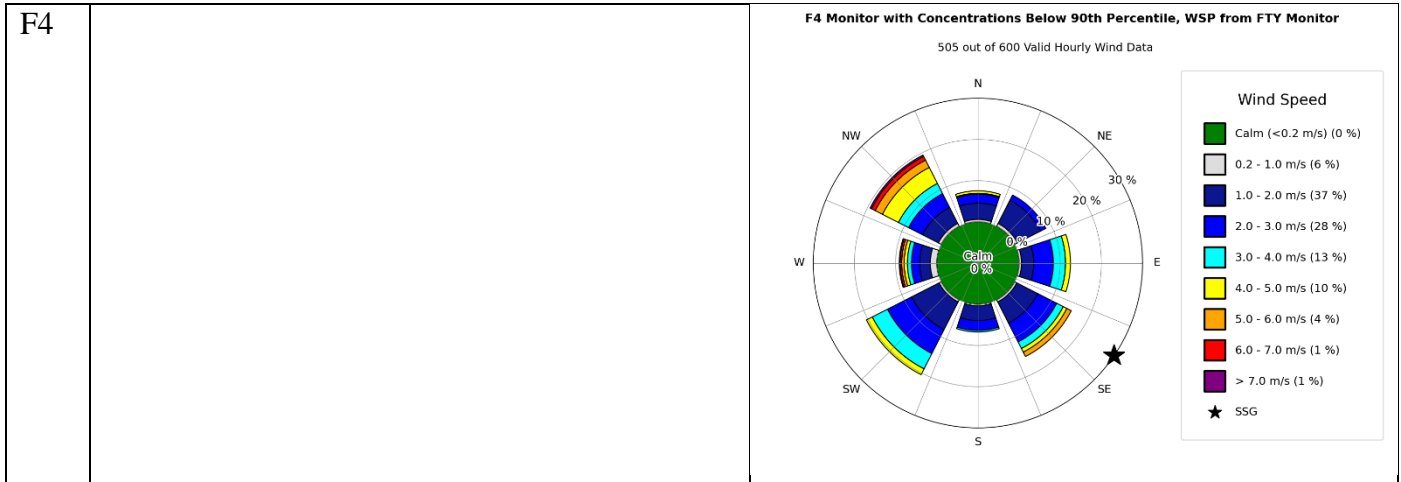
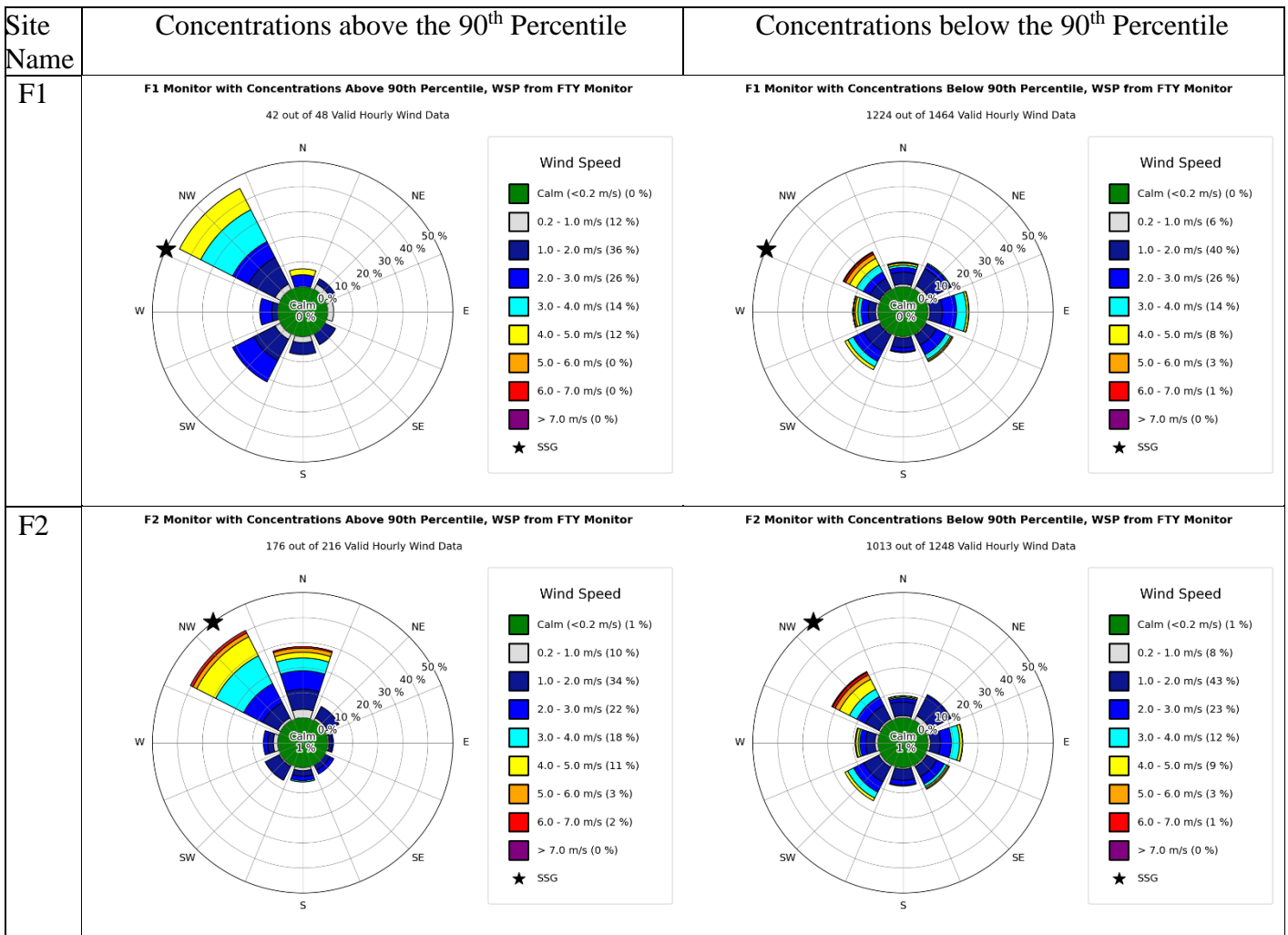
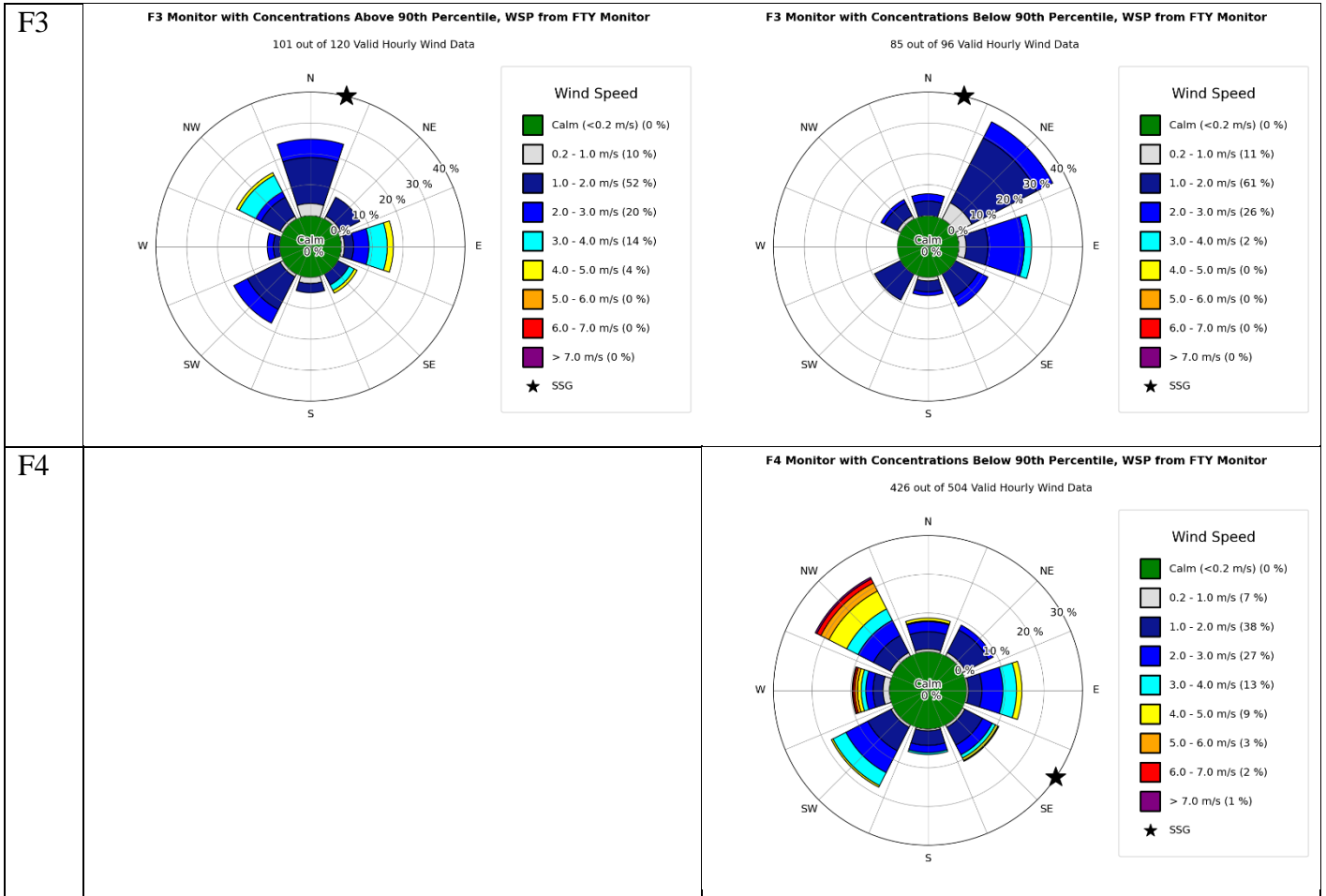


Figure 59. Wind Speed and Wind Direction for the Fulton County Area Sites



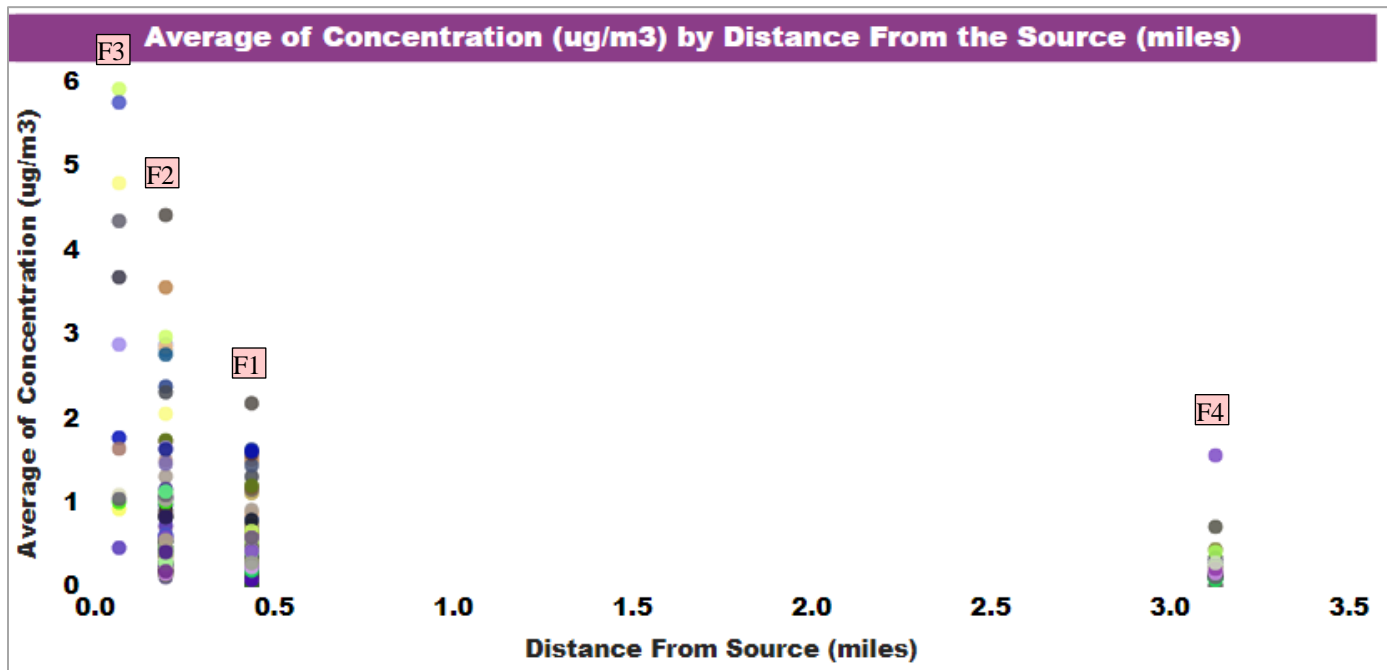


**Figure 60. Wind Speed and Wind Direction for the Fulton County Area Sites, without Questionable Canister Data**

In Figure 61 and Table 13, the distances of each of the F sites from the Sterilization Services of Georgia facility, along with the ethylene oxide concentrations, are shown in tabular form and graphical form. In Figure 61, 0 would represent the point where Sterilization Services of Georgia is located, and then each site's ethylene oxide concentrations are graphed at the distance away from the source, or the facility. Each of the sites are labeled in the small pink box above that site's data. The ethylene oxide concentrations decrease as the distance from the source increases. The dataset in Figure 61 and Table 13 does not include any of the quality assurance samples (field blanks, collocated samples).

**Table 13. Table of F Sites Distances from Source**

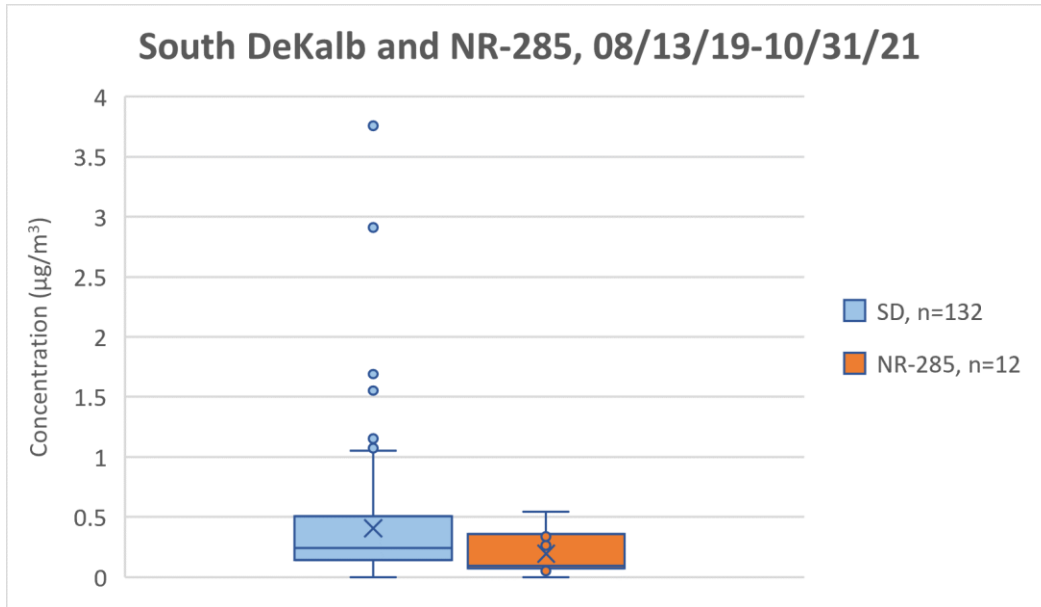
Site Name	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
F1	85	0.49	2.17	0.44
F2	108	0.88	4.41	0.20
F3	13	2.71	5.91	0.07
F4	26	0.24	1.55	3.13



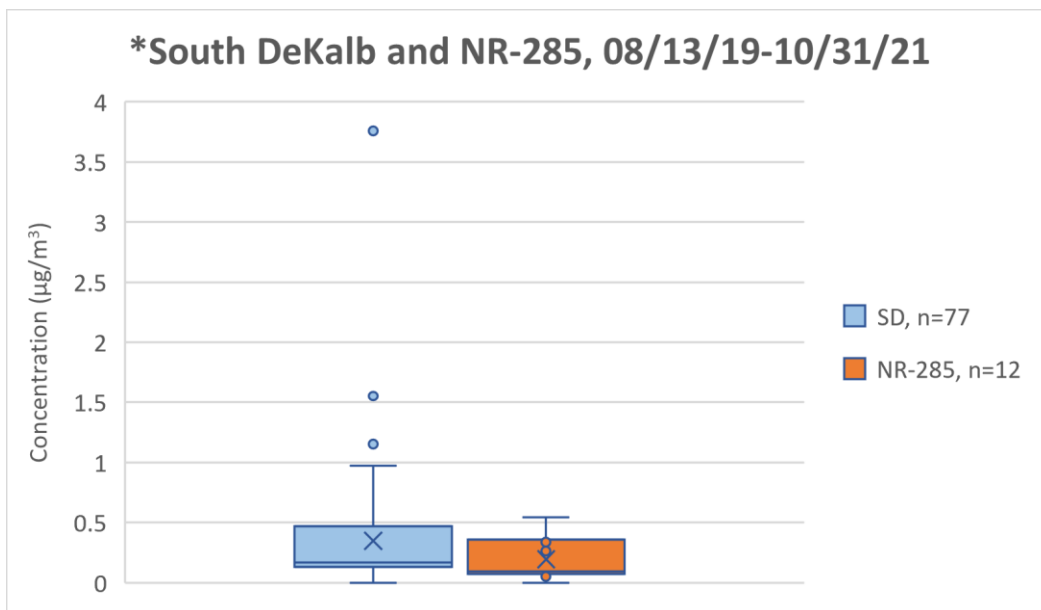
**Figure 61. Graph of F Sites Distances from Source**

### 7.4 South DeKalb and NR-285 Sites

The next two graphs are box and whisker plots. Figure 62 shows the South DeKalb and NR-285 sites and includes all of the data collected from the passive sampler, while Figure 63 shows the South DeKalb and NR-285 sites without the questionable canister data. The NR-285 data represented is from the pressurized samplers.



**Figure 62. Box and Whisker Plots of South DeKalb and NR-285 Sites, Including All Data**



**Figure 63. Box and Whisker Plots of South DeKalb and NR-285 Sites, without Questionable Canister Data**

Figure 64 is a polar plot showing the ethylene oxide concentrations at the South DeKalb and NR-285 sites, which were used as background sites, in relation to wind speed and wind direction. Lower concentrations are shown with blue colors, while higher concentrations are shown with red colors. The colors have a gradient from blue to red in between to represent this scale of concentrations from blue to red shown in the legend. The concentrations range from 0 to  $>1 \mu\text{g}/\text{m}^3$  at each of the monitoring locations. The monitoring location is at the center of each of the polar plots. The dots are plotted in the direction the wind is coming from, and the dots plotted further away from the center of the plot indicate a higher wind speed. For the South DeKalb site, there appears to be some higher concentration coming from the direction of the location where buses idle. More investigation of mobile emission impacts on ethylene oxide concentrations is needed.

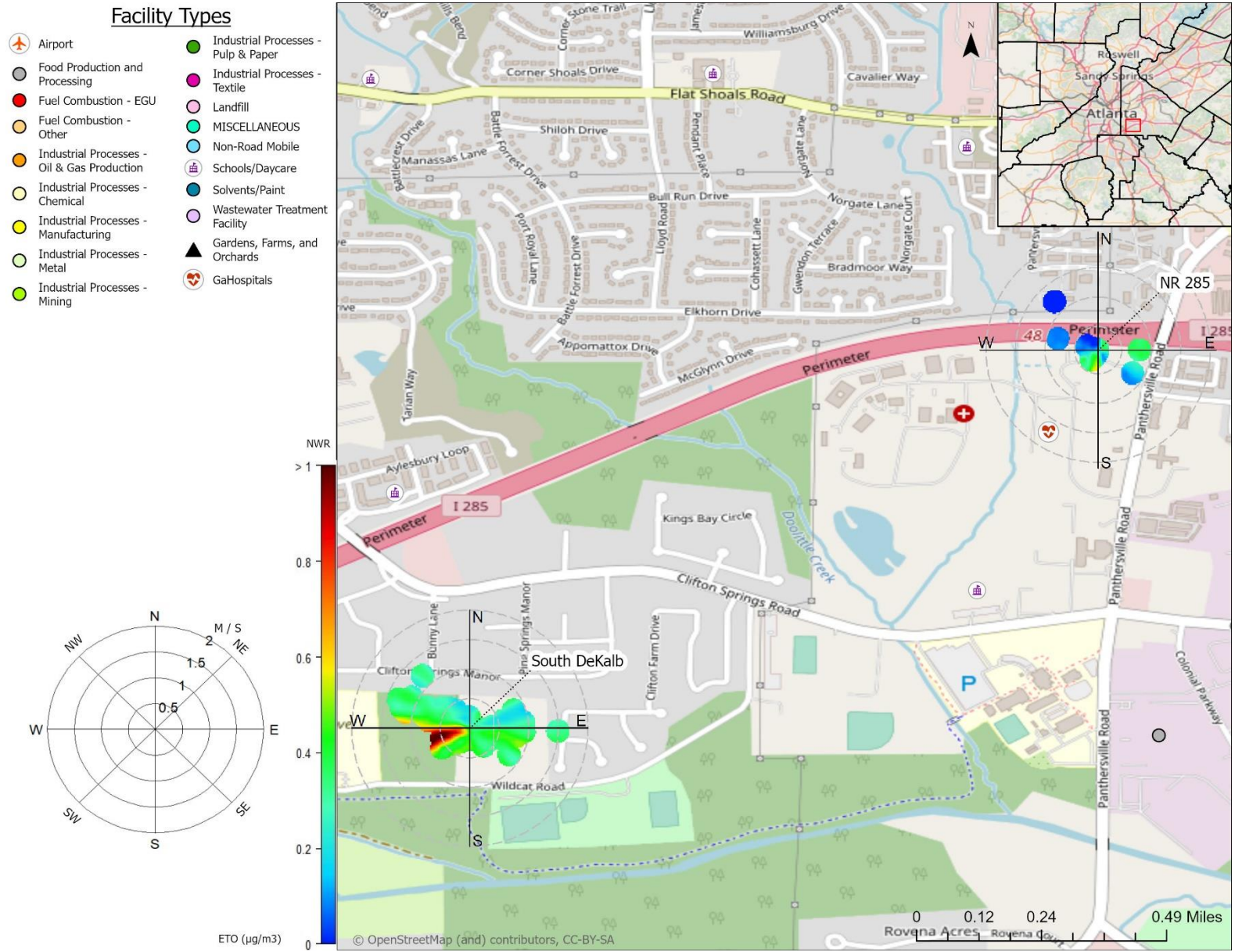


Figure 64. Polar Plots of South DeKalb and NR-285 Sites

Figure 65 shows the wind direction and wind speed for the South DeKalb monitoring sites hourly wind data from the South DeKalb met station (labeled as “SDK Monitor”) were used for developing a pair of wind rose figures for the South DeKalb site. The 90<sup>th</sup> percentile value for the South DeKalb site is 0.83 µg/m<sup>3</sup>.

As shown in the wind rose figure for the South DeKalb monitor with concentrations above the 90<sup>th</sup> percentile, 312 out of 312 valid hourly wind data were collected from the SDK monitor. During this sampling period, the winds blew from the west approximately 26% of the time, from the east approximately 15% of the time, while rarely coming from the northeast (approximately 2% of the time). During the sampling period when concentrations at the South DeKalb site were below the 90<sup>th</sup> percentile, 2687 out of 2688 valid hourly wind data were collected and winds blew most often from the west (approximately 20% of the time) and from the east 17% of the time. Figure 66 is same as Figure 65, except that Figure 66 was developed excluding the questionable canister samples.

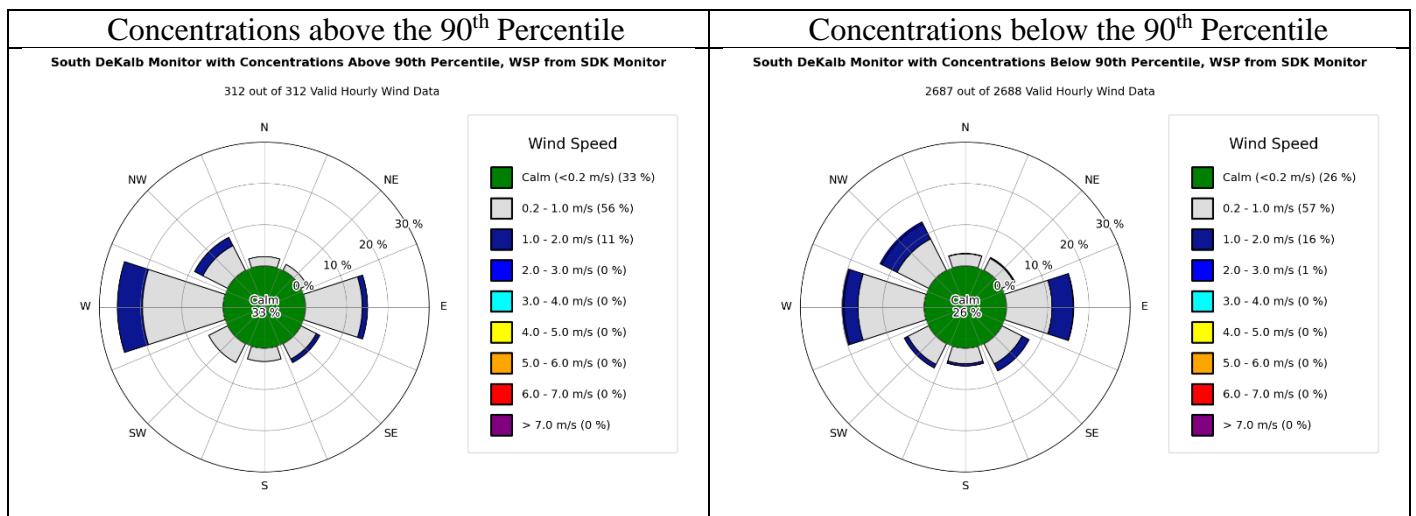


Figure 65. Wind Speed and Wind Direction for the South DeKalb Site

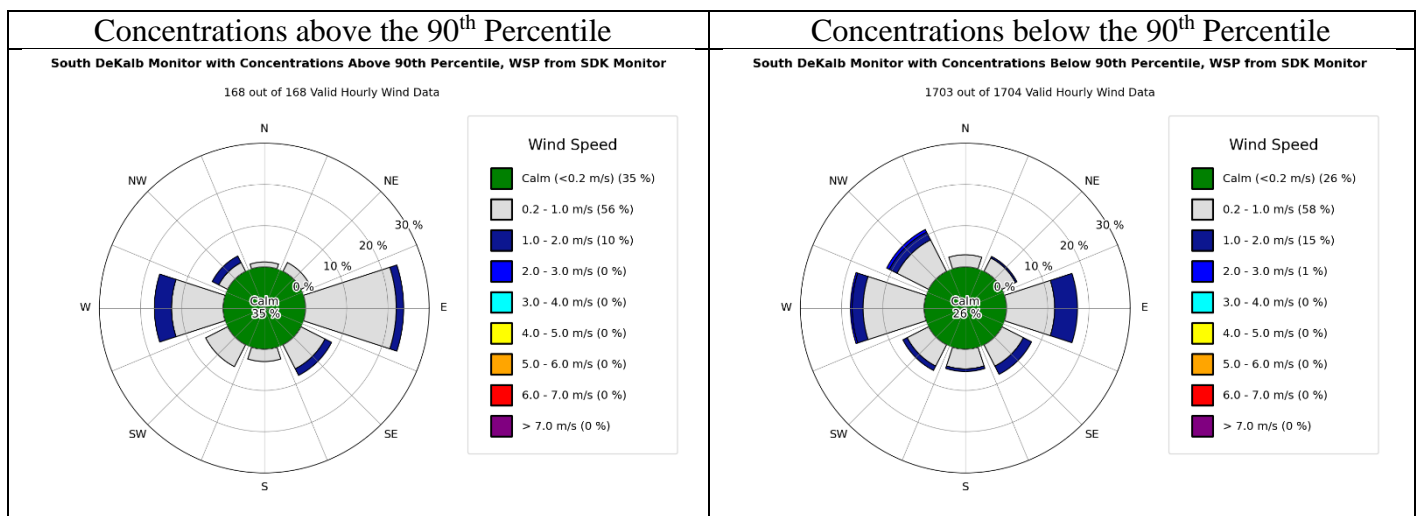
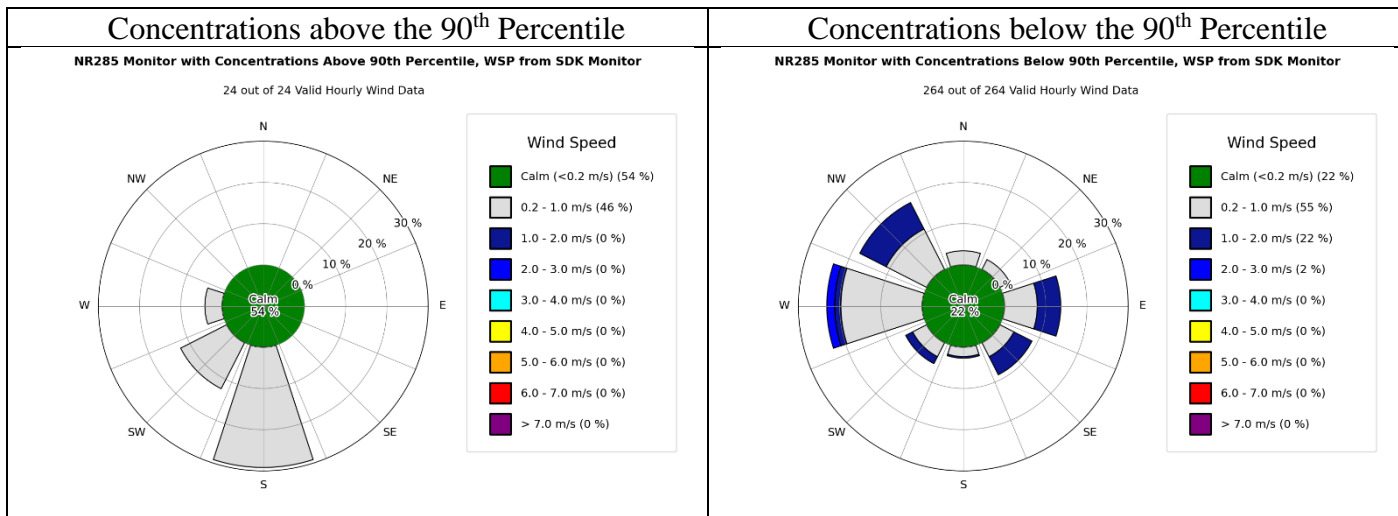


Figure 66. Wind Speed and Wind Direction for the South DeKalb Site, without Questionable Canister Data



Figure 67 shows the wind direction and wind speed for the NR-285 monitoring sites. Hourly wind data from the South DeKalb met station (labeled as “SDK Monitor”) were used for developing a pair of wind rose figures for the NR-285 site. The 90<sup>th</sup> percentile value for the NR-285 site is 0.37 µg/m<sup>3</sup>.

As shown in the wind rose figure for the NR-285 monitor with concentrations above the 90<sup>th</sup> percentile, 24 out of 24 valid hourly wind data were collected from the SDK monitor. Approximately 29% of the time the winds blew from the south, more than 10% of the time the winds blew from the southwest, approximately 4% of the time the winds blew from west, and 54% of the time that winds stayed calm. During the sampling period when concentrations at the NR-285 site were below the 90<sup>th</sup> percentile, 264 out of 264 valid hourly wind data were collected and winds blew from the west 23% of the time. NR-285 monitoring site did not have any of the questionable canister samples.



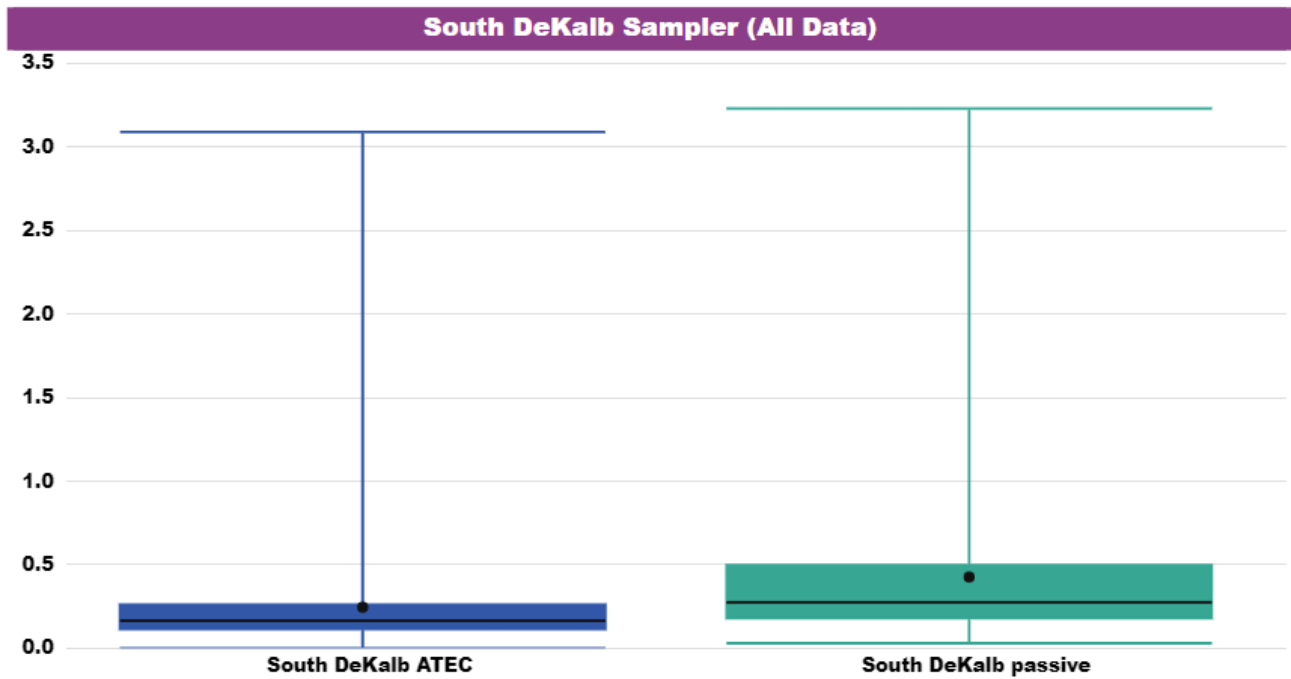
**Figure 67. Wind Speed and Wind Direction for the NR-285 Site**

Mobile impacts were investigated for the South DeKalb and NR-285 sites on days when both samplers collected data. With the limited amount of data that was collected, there appears to be no increase in the concentration of ethylene oxide. Based on the results of the data collected at the South DeKalb and NR-285 sites, no impacts of mobile emissions can be concluded.

Figure 68 and Figure 69 show the difference between the passive and pressurized samplers located at the South DeKalb site. It should be noted that GA AAMP collected more passive samples than pressurized samples. The ethylene oxide concentrations collected with the passive sampler were higher and with greater variation in concentration than the concentrations collected with the pressurized sampler. The datasets in Figure 68 and Figure 69 and Table 14 and Table 15 below do not include any of the quality assurance samples (field blanks, collocated samples).

**Table 14. Table Comparing the Pressurized Samples and Passive Samples at the South DeKalb Site, Including All Data**

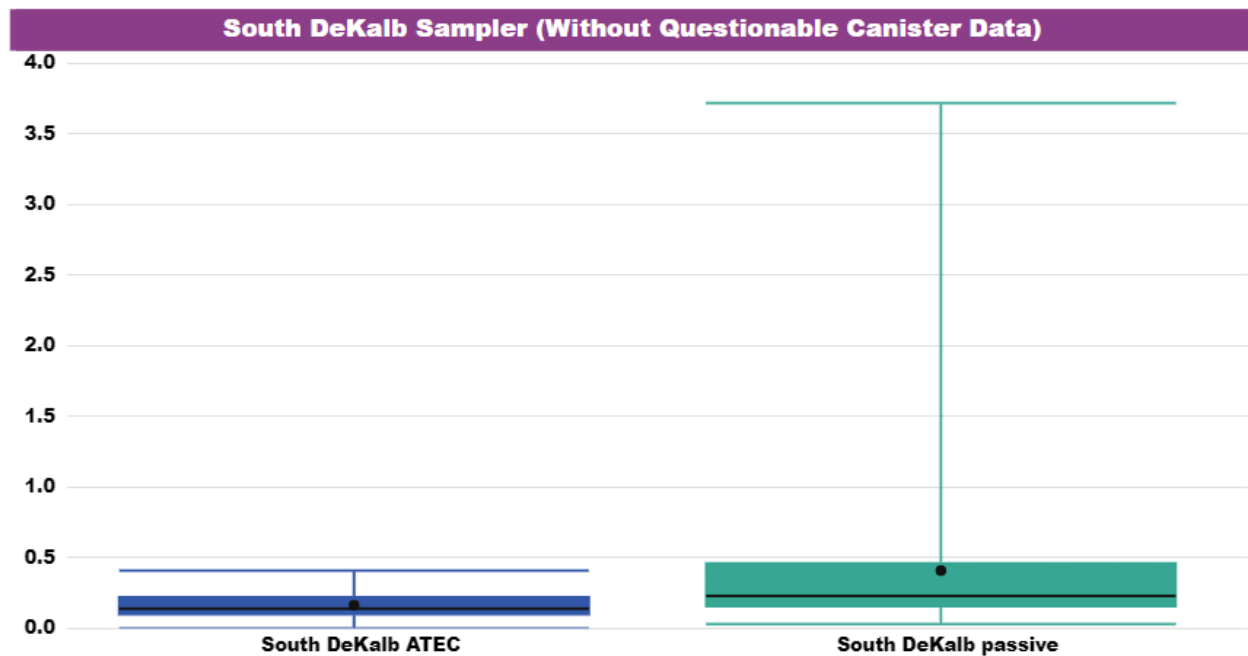
<b>Sample Average and Max Summary With All Data</b>			
<b>Site Sampler Type</b>	<b>Count of Concentration (ug/m3)</b>	<b>Average of Concentration (ug/m3)</b>	<b>Max of Concentration (ug/m3)</b>
<b>South DeKalb ATEC</b>	<b>64</b>	<b>0.24</b>	<b>3.09</b>
<b>South DeKalb passive</b>	<b>232</b>	<b>0.44</b>	<b>5.72</b>



**Figure 68. Box and Whisker Plot Comparing the Pressurized Samples and Passive Samples at the South DeKalb Site, Including All Data**

**Table 15. Table Comparing the Pressurized Samples and Passive Samples at the South DeKalb Site, without Questionable Canister Data**

<b>Sample Average and Max Summary Without Questionable Canister Data</b>			
<b>Site Sampler Type</b>	<b>Count of Concentration (ug/m3)</b>	<b>Average of Concentration (ug/m3)</b>	<b>Max of Concentration (ug/m3)</b>
<b>South DeKalb ATEC</b>	<b>52</b>	<b>0.16</b>	<b>0.41</b>
<b>South DeKalb passive</b>	<b>176</b>	<b>0.41</b>	<b>5.72</b>

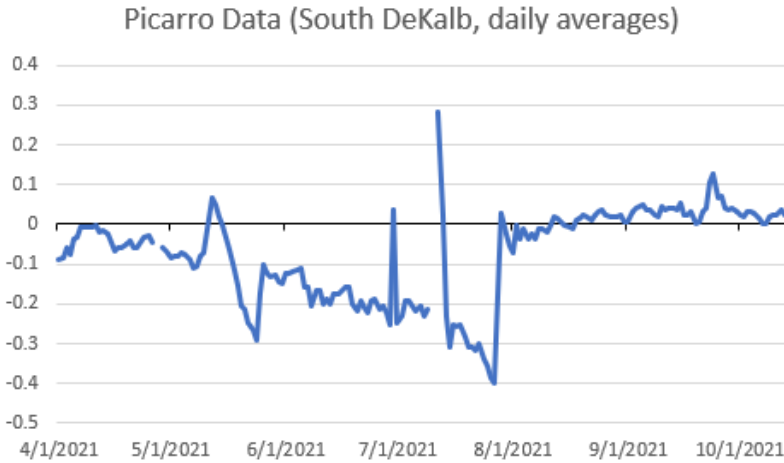


**Figure 69. Box and Whisker Plot Comparing the Pressurized Samples and Passive Samples at the South DeKalb Site, without Questionable Canister Data**

**7.5 Picarro Sampler (South DeKalb)**

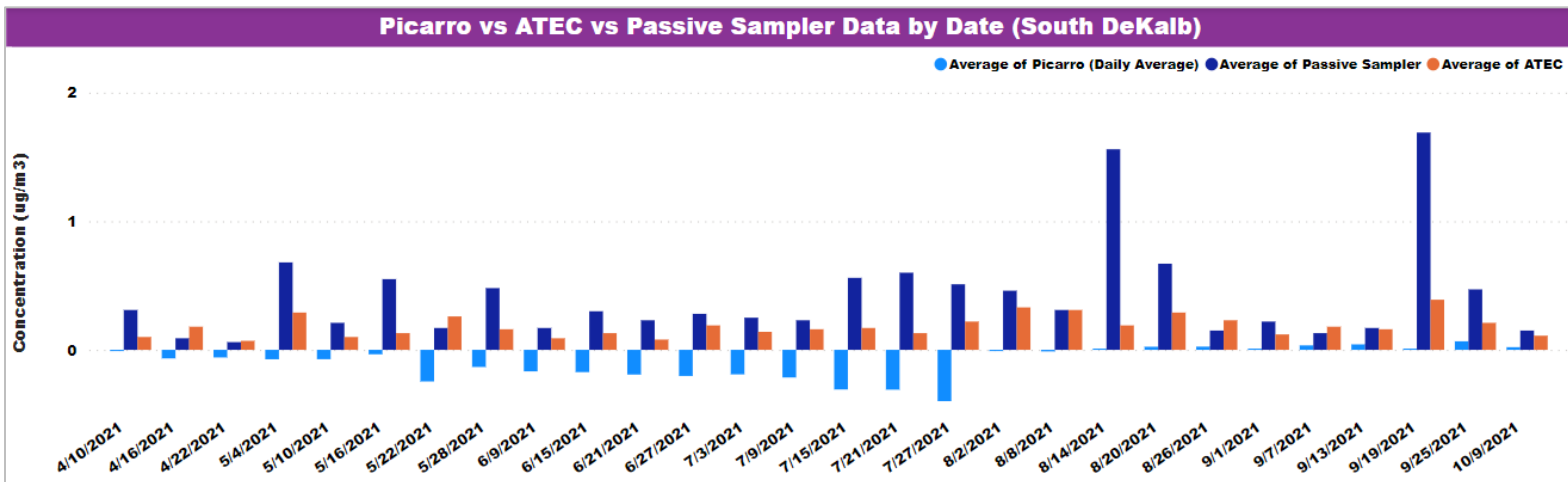
The following graph (Figure 70) is a trend graph, showing the daily average of ethylene oxide readings from the Picarro sampler at the South DeKalb site. It is important to note that the Picarro sampler has data for seven months, from April 1, 2021 through October 31, 2021.

The negative concentration values reported by the Picarro are due to the readings on the sampler were considered to be in the inherent “noise” of the sampler.



**Figure 70. Daily Average of Picarro Data at South DeKalb**

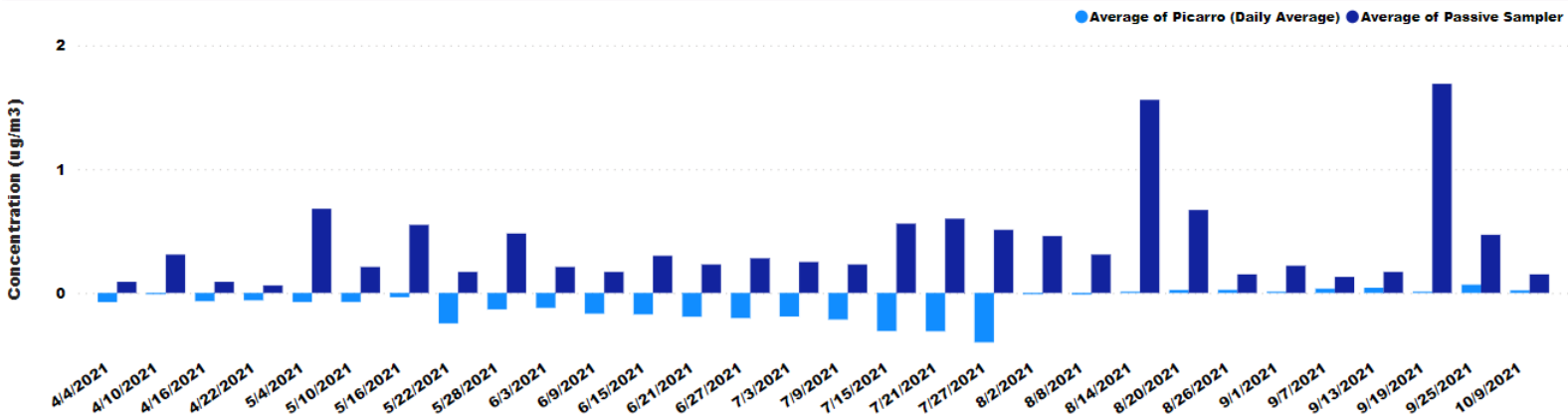
The next three figures are comparison charts, used to demonstrate precision between different types of samplers. Figure 71 shows the concentration of ethylene oxide on dates when all of the three different types of samplers at the South DeKalb site (the passive sampler, the ATEC sampler, and the continuous Picarro sampler) measured data.



**Figure 71. Comparison of Daily Average Concentration ( $\mu\text{g}/\text{m}^3$ ) from Picarro Sampler vs. Passive Sampler vs. ATEC Sampler at South DeKalb**

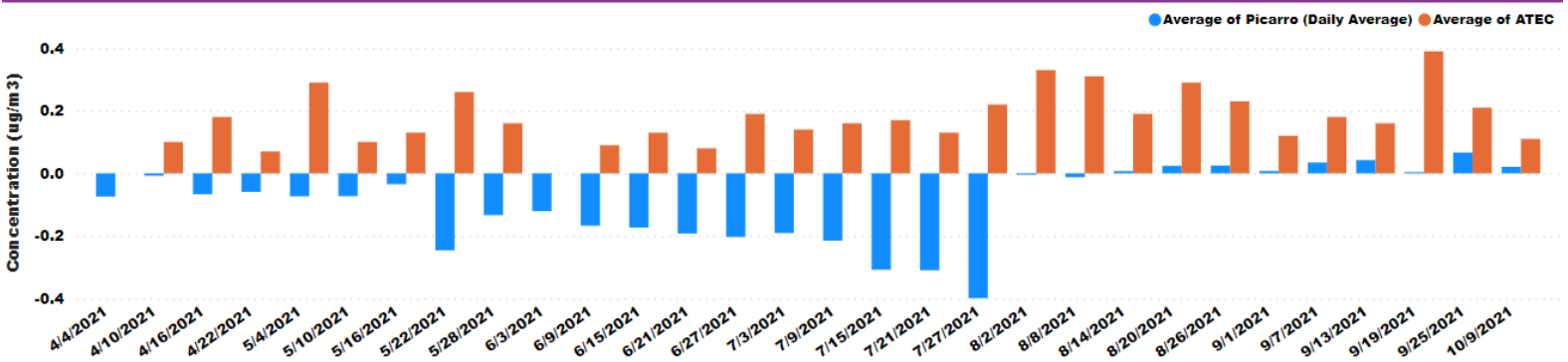
Figure 72 and Figure 73 show the side-by-side comparison of the Picarro sampler with the passive sampler and the ATEC sampler, respectively. It is important to note that passive samples and ATEC samples were not always collected on the same date, and that more passive samples were collected than ATEC samples at South DeKalb.

**Picarro vs Passive Sampler Data by Date (South DeKalb)**



**Figure 72. Comparison of Daily Average Concentration ( $\mu\text{g}/\text{m}^3$ ) from Picarro Sampler vs. Passive Sampler at South DeKalb**

**Picarro vs ATEC Sampler Data by Date (South DeKalb)**

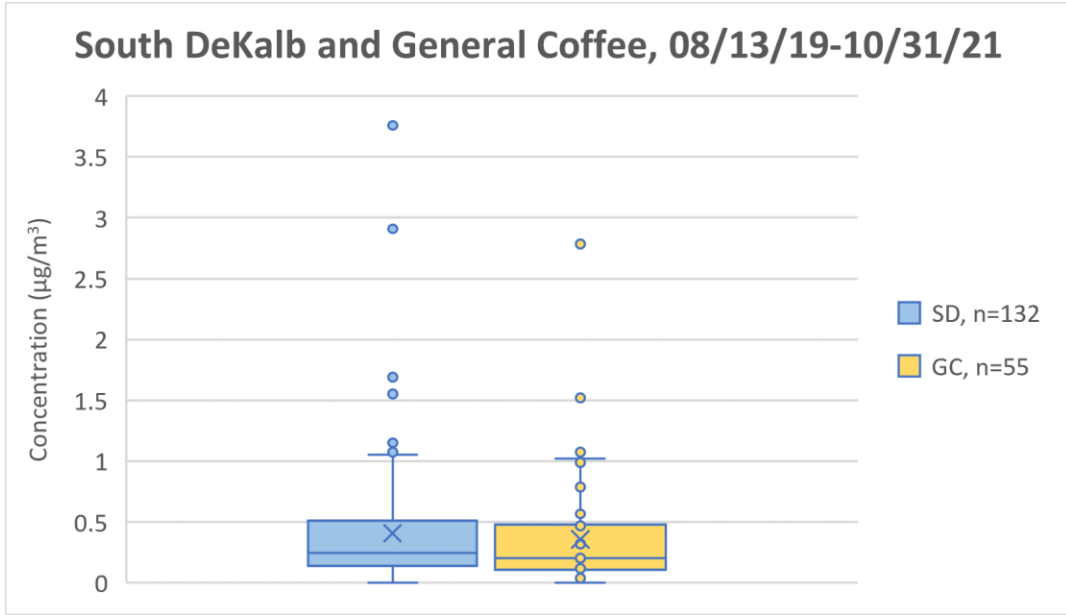


**Figure 73. Comparison of Daily Average Concentration ( $\mu\text{g}/\text{m}^3$ ) from Picarro Sampler vs. ATEC Sampler at South DeKalb**

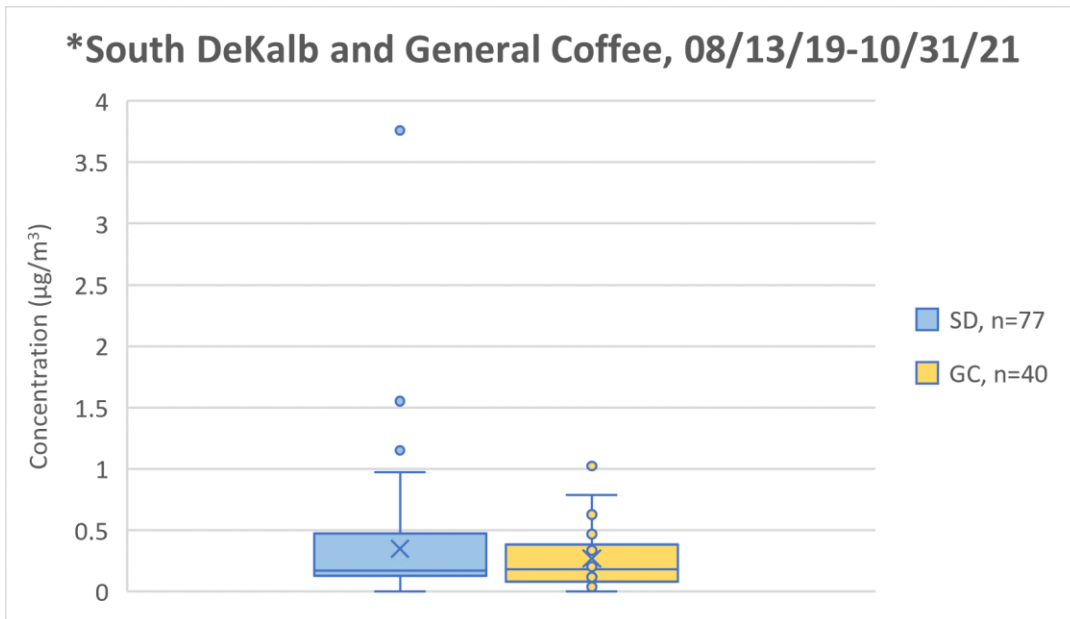
**7.5 General Coffee Site**

The next two graphs are box and whisker plots. Figure 74 shows the South DeKalb and General Coffee sites and includes all of the data, while Figure 75 shows the South DeKalb and General Coffee sites without the questionable canister data. The General Coffee data represented is from the pressurized samplers while the South DeKalb data represented is from the passive samplers.

Figure 76 is a polar plot showing the ethylene oxide concentrations at the General Coffee monitoring site, which was used as a background site, in relation to wind speed and wind direction. Lower concentrations are shown with blue colors, while higher concentrations are shown with red colors. The colors have a gradient from blue to red in between to represent this scale of concentrations from blue to red shown in the legend. The concentrations range from 0 to  $>1 \mu\text{g}/\text{m}^3$  at each of the monitoring locations. The monitoring location is at the center of each of the polar plots. The dots are plotted in the direction the wind is coming from, and the dots plotted further away from the center of the plot indicate a higher wind speed.



**Figure 74. Box and Whisker Plots for South DeKalb and General Coffee Sites, Including All Data**



**Figure 75. Box and Whisker Plots of South DeKalb and General Coffee Sites, without Questionable Canister Data**

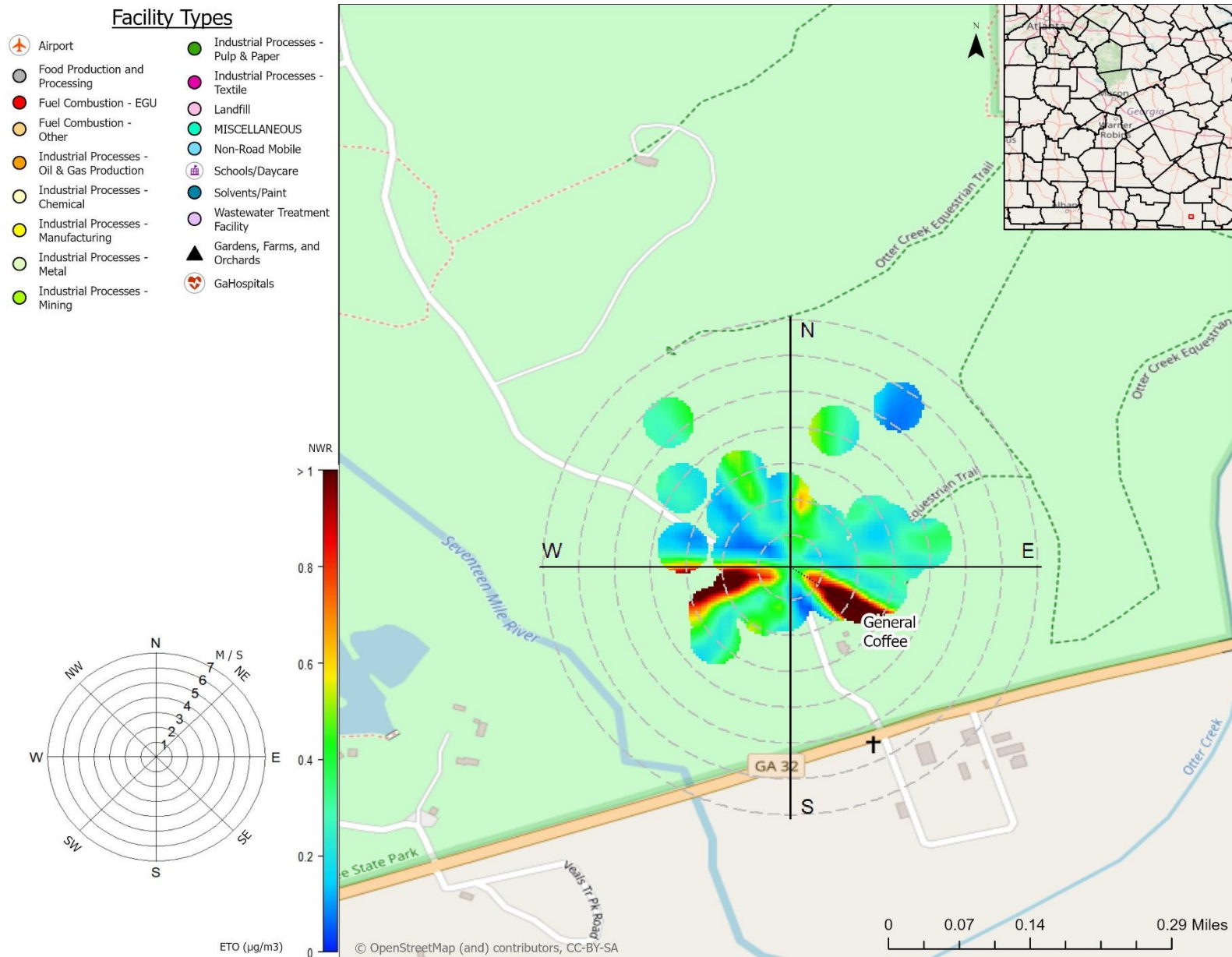


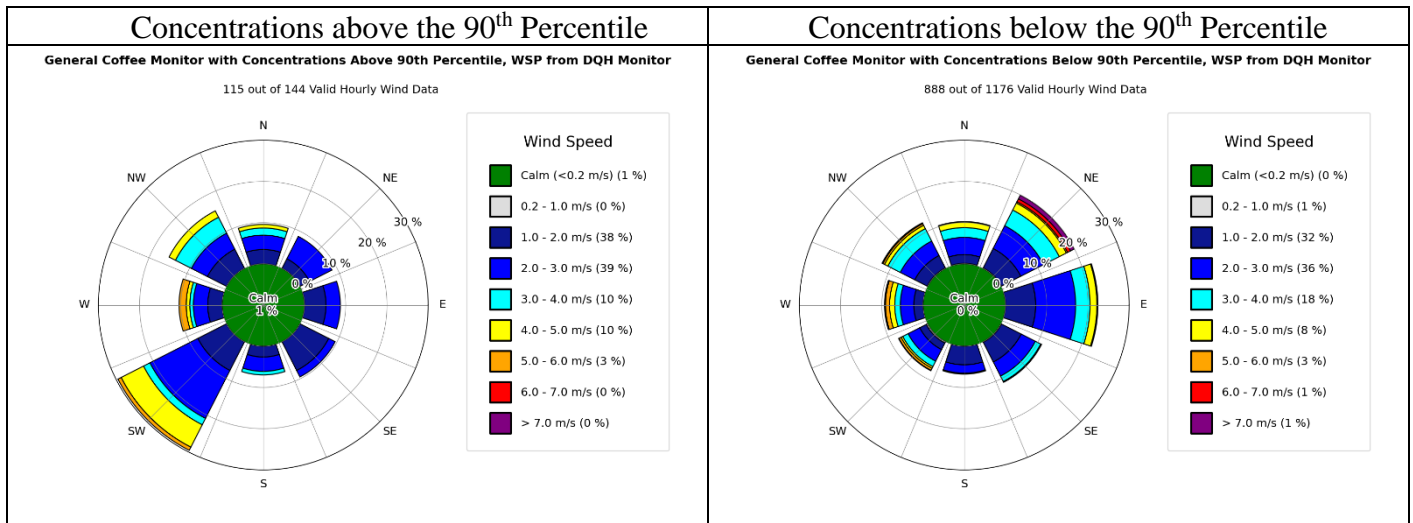
Figure 76. Polar Plot for General Coffee Site

A Wilcoxon Rank Sum Test (with continuity correction) was used to determine if there was a significant statistical difference between the ethylene oxide concentrations collected the background sites of South DeKalb and General Coffee. In this test, the  $p$ -value indicates the probability of seeing the data observed (or data that is even more unlikely to be observed) under the assumption that no difference exists between the concentrations. Traditionally,  $p$ -values less than 0.05 provide evidence that a difference exists, while  $p$ -values greater than 0.05 fail to provide evidence of a difference. Based on the Wilcoxon Rank Sum Test applied, there is no statistically significant difference in the concentrations between the urban background South DeKalb site and rural background General Coffee site. The  $p$ -value value for the Wilcoxon Rank Sum Test applied to these sites is 0.54.

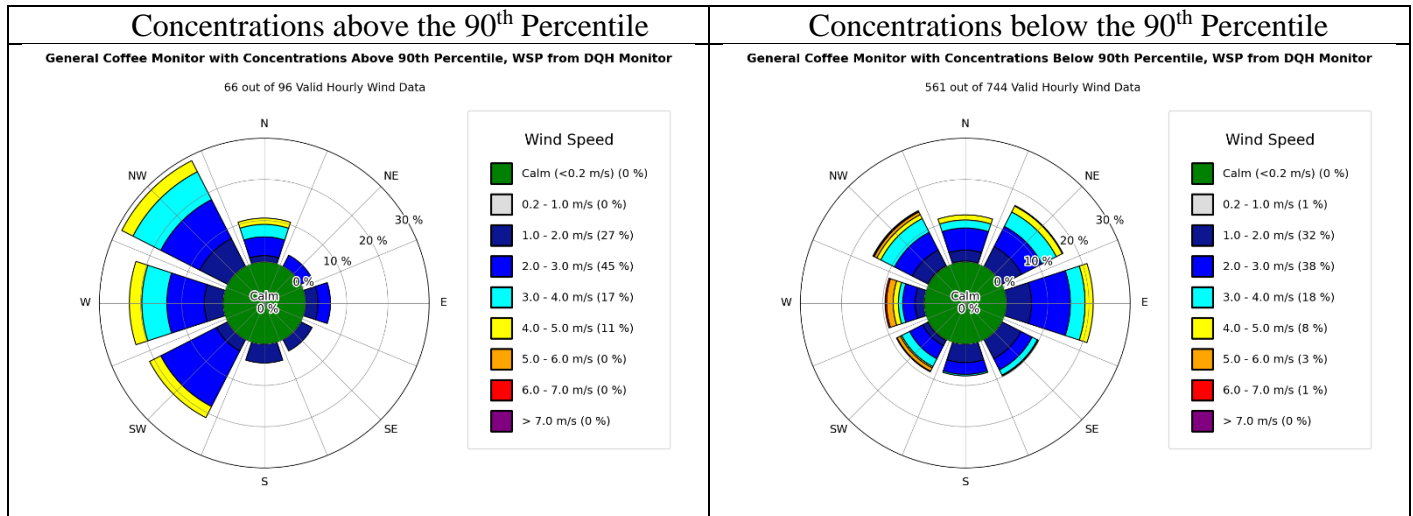
Figure 77 shows the wind direction and wind speed for the General Coffee monitoring sites. Hourly wind data from the Douglas Municipal Airport station (labeled as “DQH Monitor”) were used to develop a pair of wind rose figures for the General Coffee site. The 90<sup>th</sup> percentile value for the General Coffee site is 0.73  $\mu\text{g}/\text{m}^3$ .

As shown in the wind rose figure for the General Coffee monitor with concentrations above the 90<sup>th</sup> percentile, 115 out of 144 valid hourly wind data were collected from the DQH monitor. The most frequent wind direction was from the southwest (approximately 29% of the time), and the second most frequent wind direction was from the northwest which was approximately 16% of the time. During the sampling period when concentrations at the General Coffee site were below the 90<sup>th</sup> percentile, 888 out of 1176 valid hourly wind data were collected and winds blew from the east 22% of the time and from the northeast 20% of the time. Figure 78 is the same as Figure 77 except that Figure 78 was developed excluding the questionable canister samples.





**Figure 77. Wind Speed and Wind Direction for the General Coffee Site**



**Figure 78. Wind Speed and Wind Direction for the General Coffee Site, without Questionable Canister Data**

### 7.6 Lab Comparison

Over the course of the study, three different laboratories were used to analyze ethylene oxide canisters – Eastern Research Group (ERG), the Georgia Environmental Protection Division Lab (EPD Lab), and the EPA’s LSASD Lab (EPA). The ERG and EPD Lab analyzed samples collected from all the sites, while the EPA lab only analyzed samples collected from the South DeKalb site.

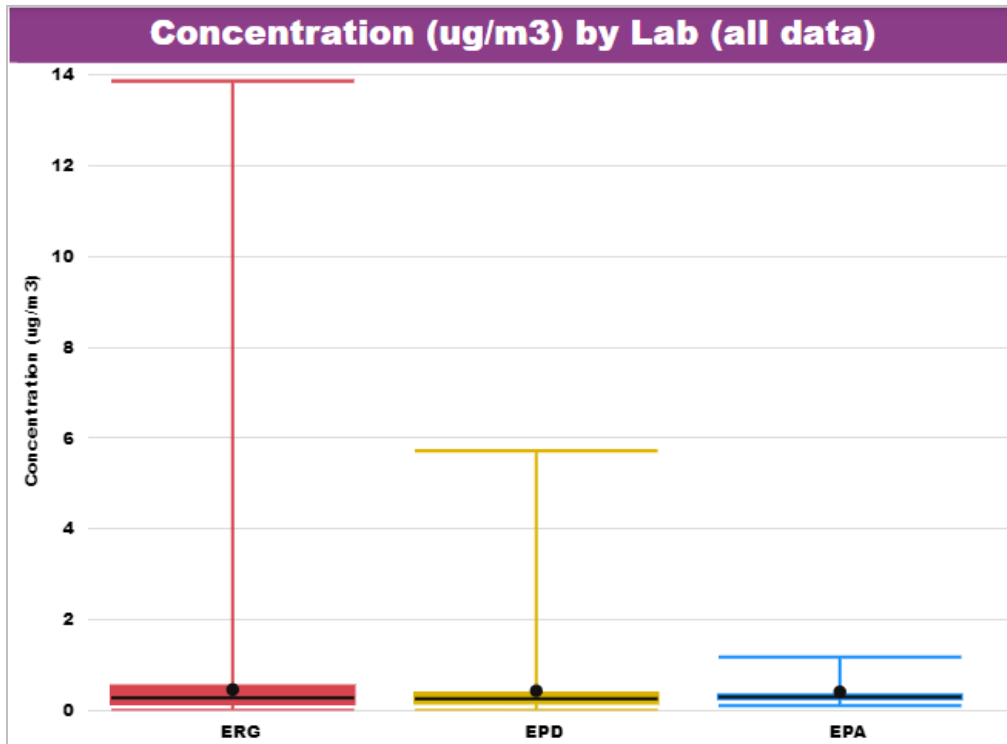
The following table and figures show data collected from all the sites. Table 16 shows the number of samples analyzed by each laboratory. Figure 79 shows the data analyzed by ERG, EPA, and EPD Lab and includes all the data, while Figure 80 shows the data analyzed by the laboratories without the questionable canister data.

In addition, a Kruskal-Wallis Test was used to determine if a statistically significant difference exists in the ethylene oxide data analyzed by each laboratory (EPA, ERG, and EPD Lab). Based on the results of

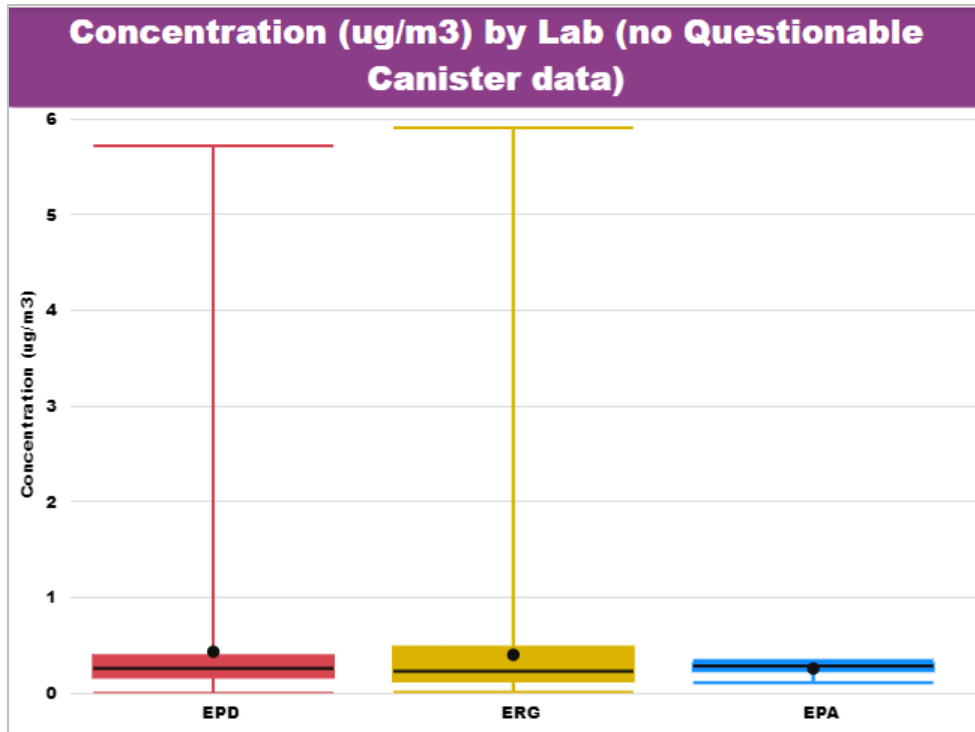
the Kruskal-Wallis Test applied, there is no statistically significant difference in the concentrations between any of these laboratory results. The *p*-value value for the Kruskal-Wallis Test applied to these sites is 0.69.

**Table 16. Number of Samples Analyzed by Each Lab**

Number of Samples per Lab (all sites)	
Lab	Count of Sample ID
EPA	17
EPD	120
ERG	1644



**Figure 79. Box and Whisker Plot of Data Analyzed by Lab, including all data**



**Figure 80. Box and Whisker Plot of Data Analyzed by Lab, without questionable canister data**

The next set of table and figures only include data from the South DeKalb site. Table 17 shows the number of samples analyzed by each laboratory. Figure 81 shows the data analyzed by ERG, EPA, and EPD Lab and includes all the data, while Figure 82 shows the data analyzed by the laboratories without the questionable canister data. Figure 83 is a clustered column chart, which compares samples taken on the same day, but analyzed by different laboratories.

In addition, a Kruskal-Wallis Test was used to determine if a statistically significant difference exists in the ethylene oxide data collected at the South DeKalb site analyzed by each lab (EPA, ERG, and EPD Lab). Based on the results of the Kruskal-Wallis Test applied, there is no statistically significant difference in the concentrations between any of these laboratory results. The *p*-value value for the Kruskal-Wallis Test applied to these sites is 0.089.

**Table 17. Number of South DeKalb Samples Analyzed by Each Lab**

Number of Samples per Lab (South DeKalb)	
Lab	Count of Sample ID
EPA	17
EPD	101
ERG	225

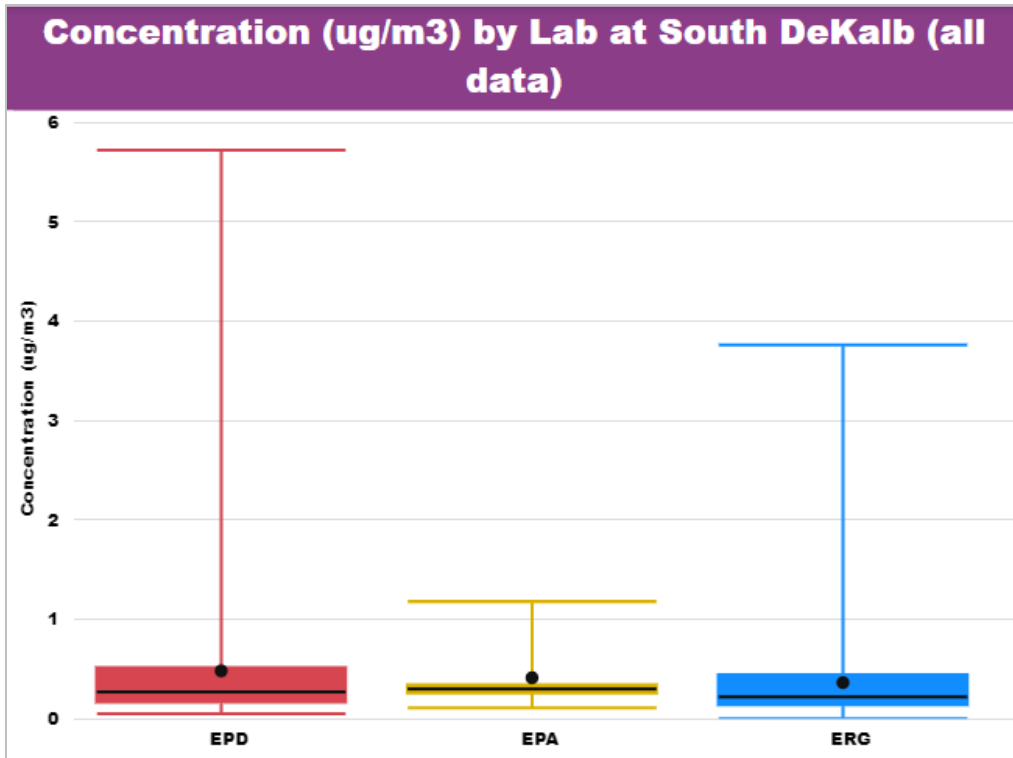


Figure 81. Box and Whisker Plot of Data Analyzed by Lab, including all data

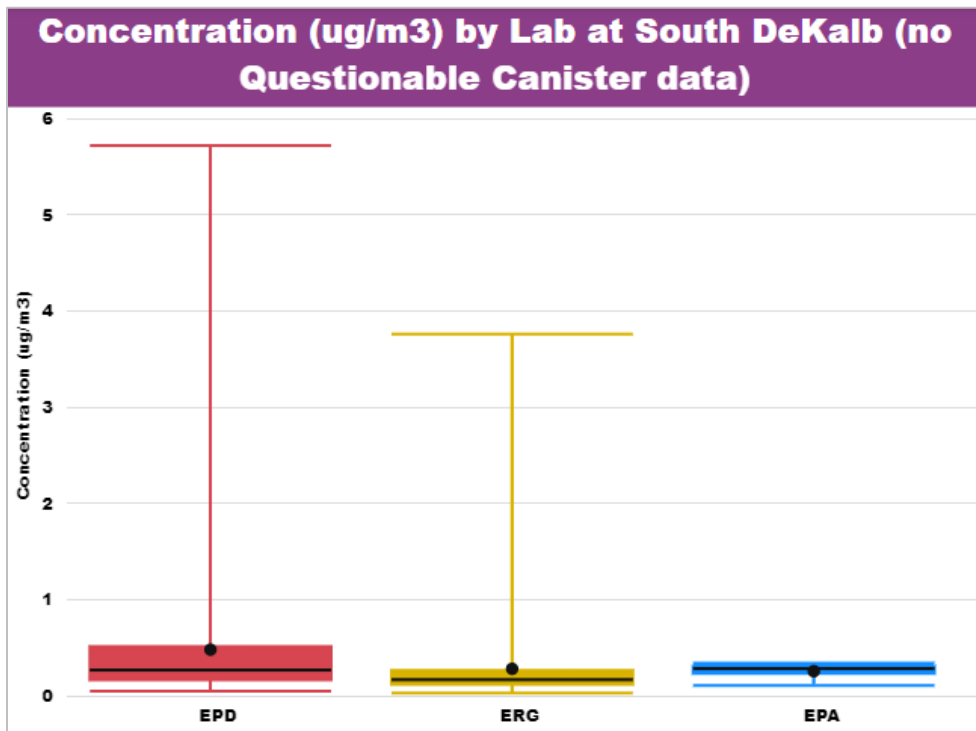
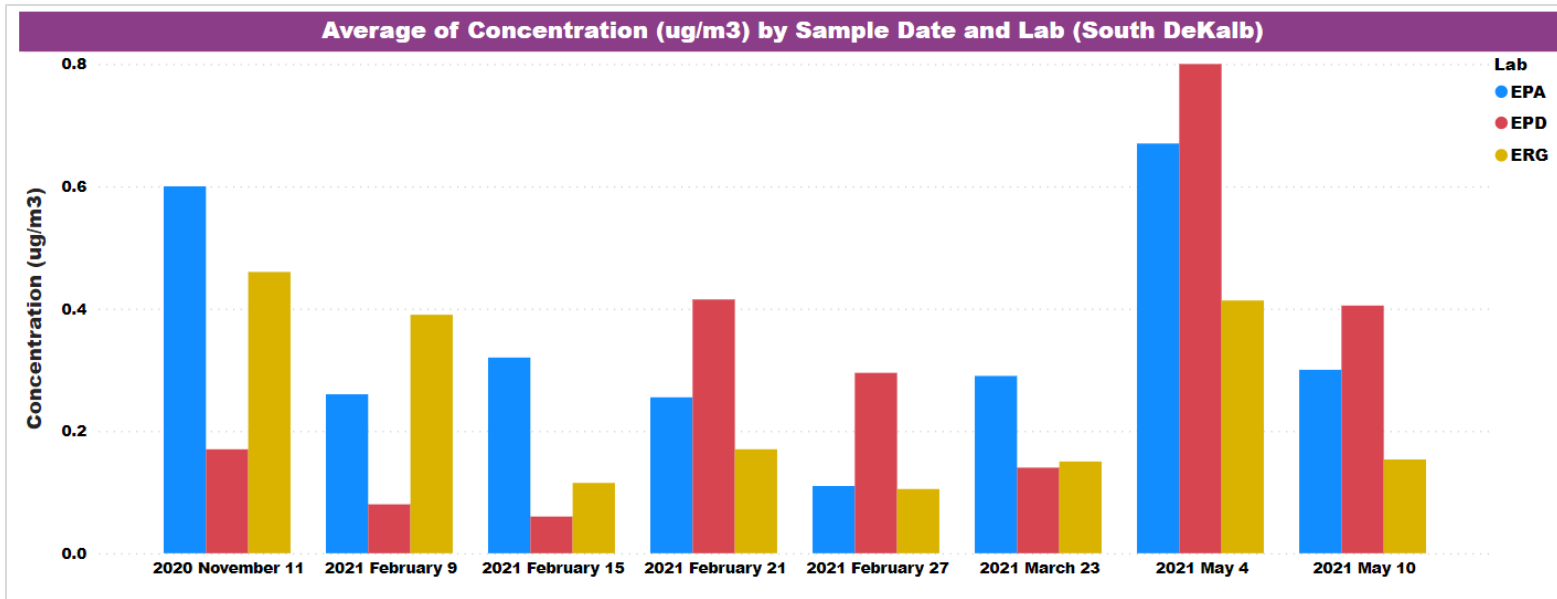


Figure 82. Box and Whisker Plot of Data Analyzed by Lab, without questionable canister data



**Figure 83. Comparison of Analyzed Data Collected at the South DeKalb Site when All Three Labs Analyzed the Data on the Same Date**

### 7.7 All Sites

Quarterly average concentration plots were developed to examine seasonal variations of measured concentrations during the sampling period.

Figure 84 presents quarterly average concentrations of ethylene oxide at each sampling area. When multiple sampling sites were operated for an area, measured concentrations were averaged across all sampling sites during each quarter for all data points. The calendar year 2020 dataset contains samples across the whole year while the 2019 dataset contains samples for the 3<sup>rd</sup> (July-September) and 4<sup>th</sup> (October-December) quarters only and the 2021 dataset contains samples through October. For each year, quarterly average concentrations were higher in the 2<sup>nd</sup> and 3<sup>rd</sup> quarters than in the 1<sup>st</sup> and 4<sup>th</sup> quarters, respectively, except for values at NR-285 in 2020. In 2020, quarterly average concentrations in the 3<sup>rd</sup> quarter were higher than the 2<sup>nd</sup> quarter. Figure 85 is the same as Figure 84 except that Figure 85 only contains data without the questionable samples. After excluding the questionable samples, quarterly average concentrations in the 3<sup>rd</sup> quarter were higher than the 2<sup>nd</sup> quarter in the areas around BD-Covington, the areas around SSG, and at the General Coffee site. Quarterly average concentrations in the 2<sup>nd</sup> quarter were higher than the 3<sup>rd</sup> quarter around Sterigenics and at the South DeKalb site. In addition, the 1<sup>st</sup> quarter average value around Sterigenics is slightly higher than the 2<sup>nd</sup> quarter average value.

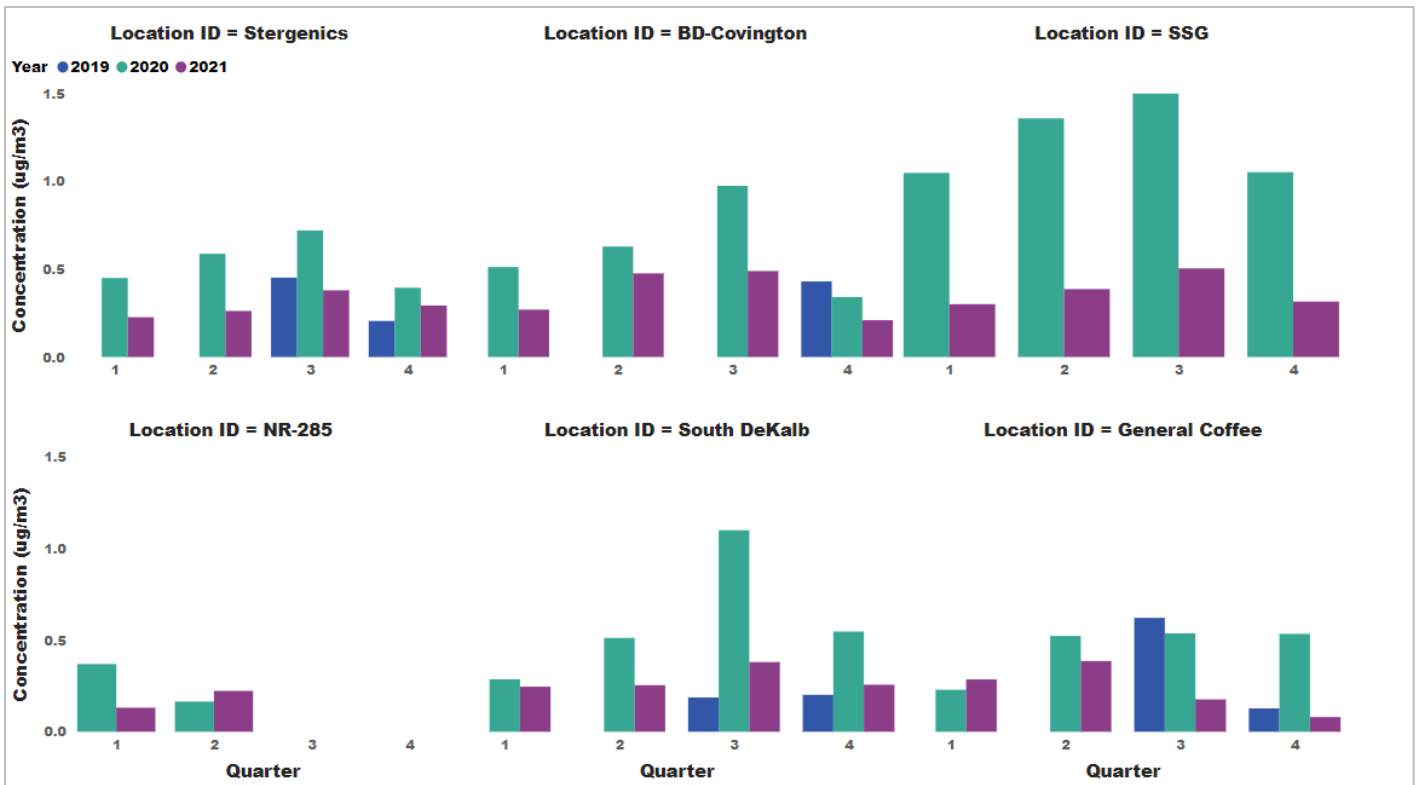
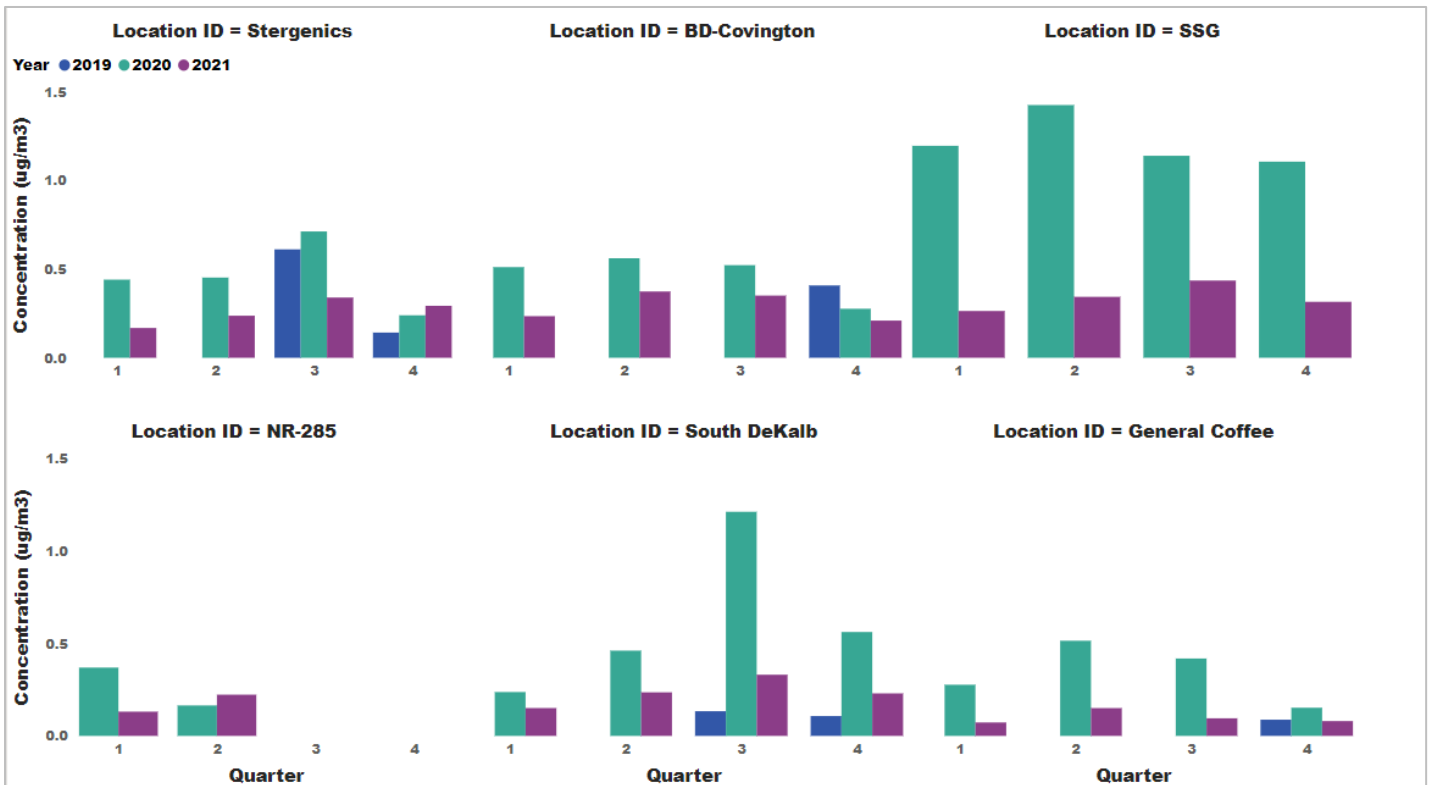


Figure 84. Seasonal Averages by Calendar Quarter, Including All Data



**Figure 85. Seasonal Averages by Calendar Quarter, without Questionable Canister Data**

When the average concentration for each year at each site is compared, the concentrations across all monitored sites showed a decrease from 2020 to 2021. Figure 86 and Figure 87 show this comparison. These graphs include all the primary data. For Cobb, Covington, Fulton and South DeKalb, all passive data is shown, and for NR-285 and General Coffee the Xonteck (pressurized) data is shown. The levels of ethylene oxide measured in the ambient air in Cobb and Covington were similar to the levels measured at the background sites of South DeKalb and General Coffee.

All the facility controls were installed by January 2021. While no conclusive reasons can be drawn, the 2021 concentrations across the state appear to be lower than in 2020. As stated previously, the 2020 data is a complete year, while 2019 and 2021 do not each represent a full year of data. Improvements in sample collection and analysis may be factors as well as not having a complete dataset for 2021. The datasets in Figure 86 and Figure 87 below do not include any of the quality assurance samples (field blanks, collocated samples) and the data for sites S5, C1, C7, and C9 were not included as they were sampled for only a very short term during the study.

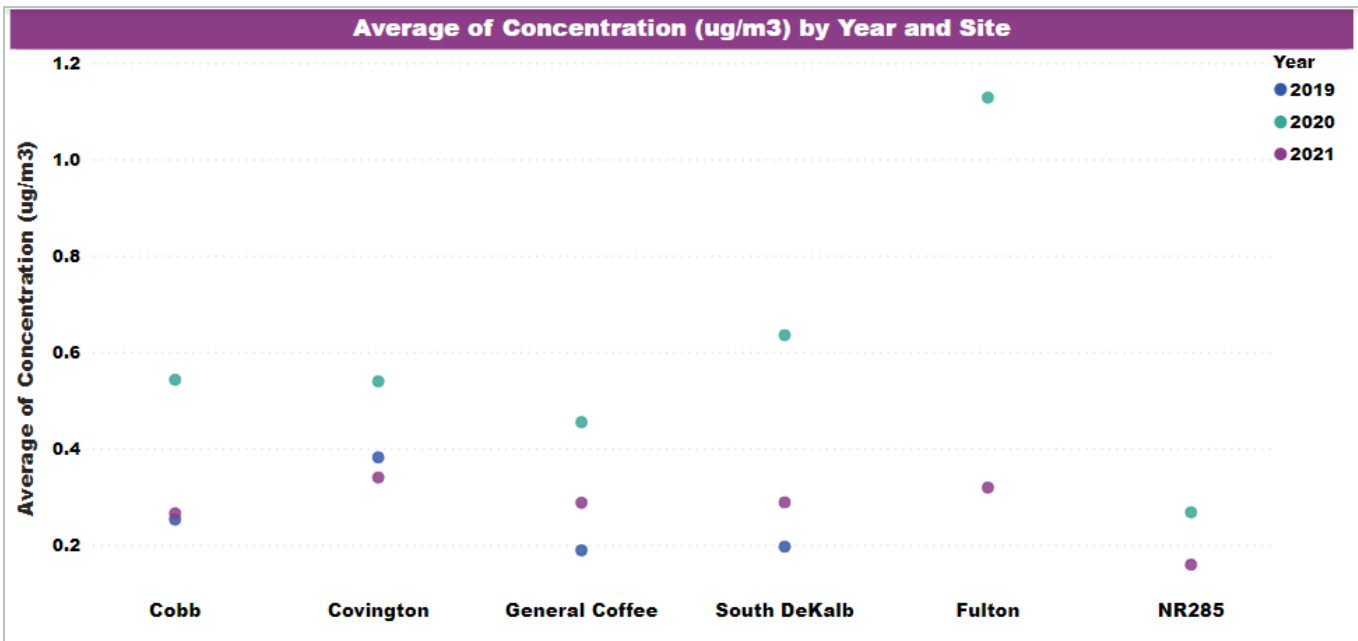


Figure 86. Annual Averages for Each Area

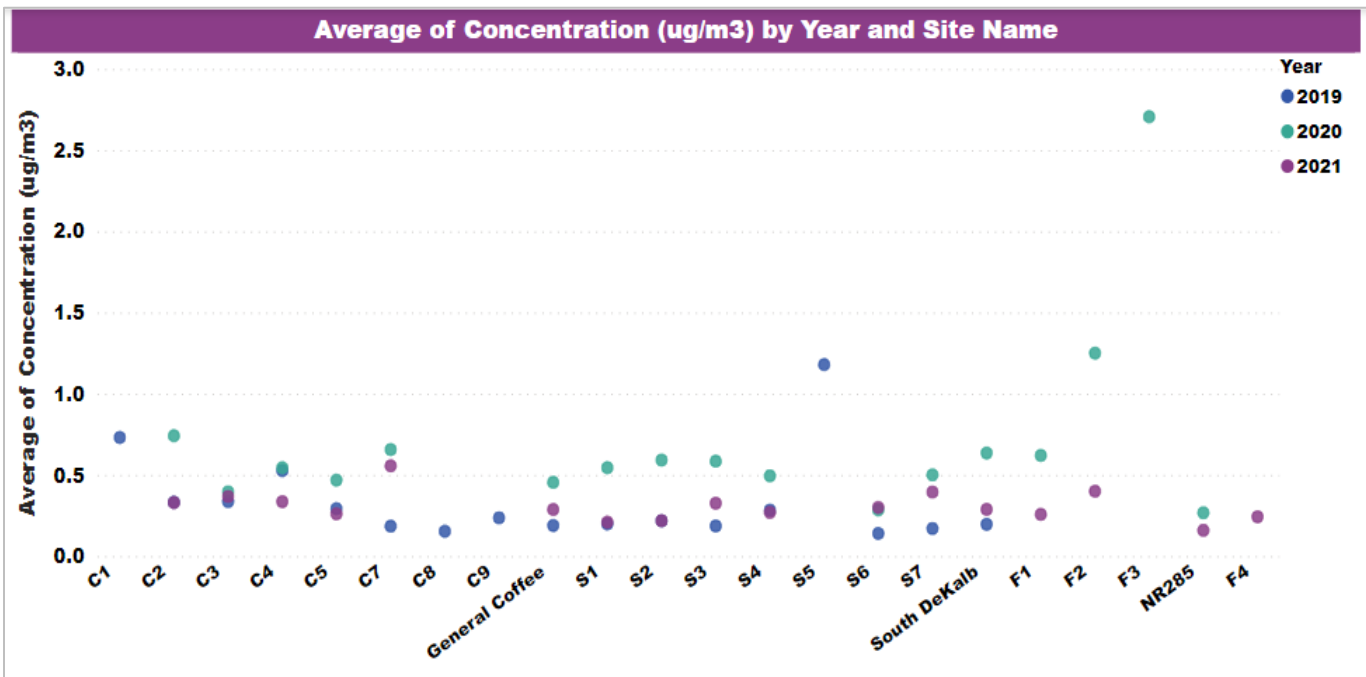
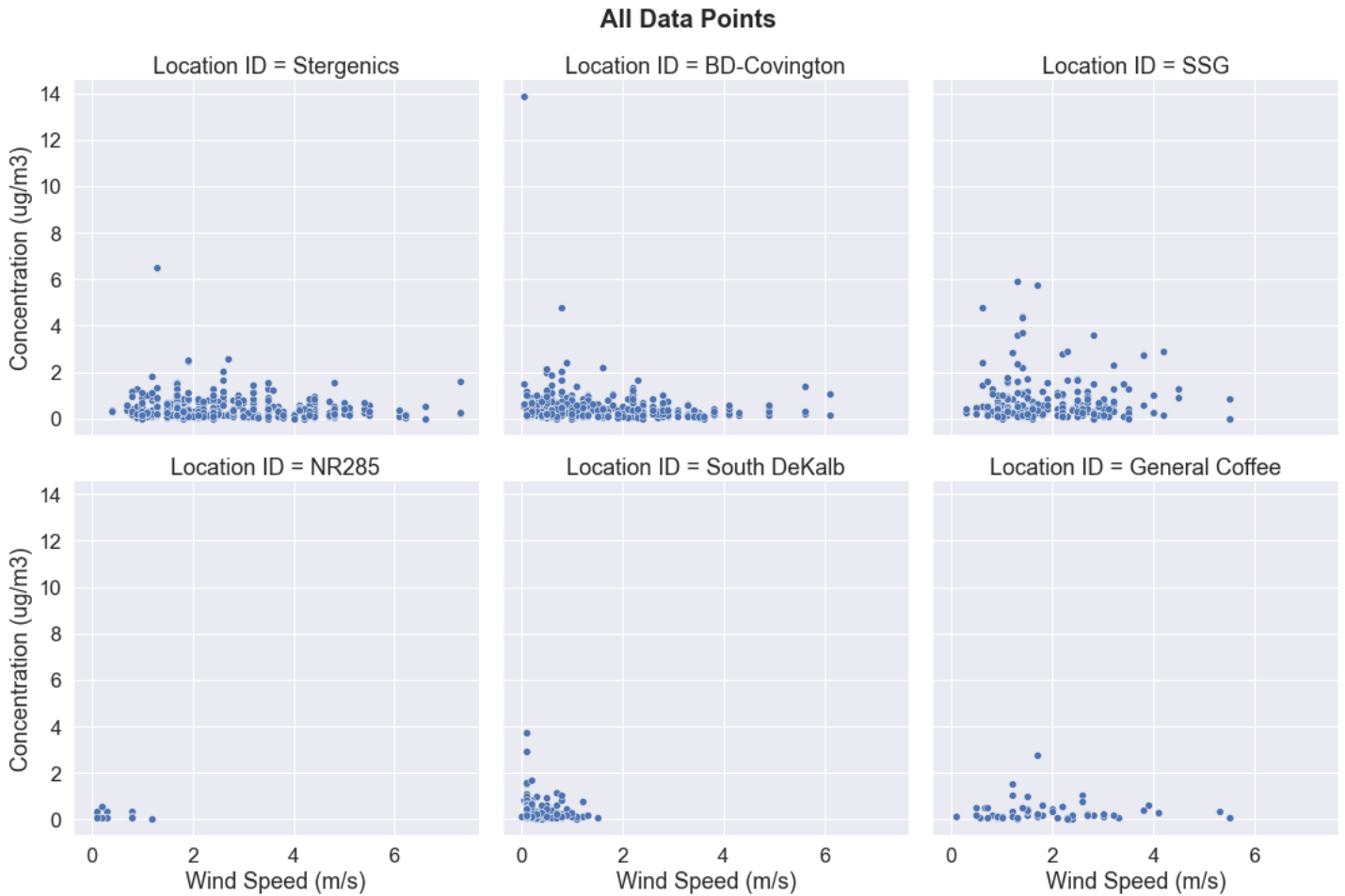


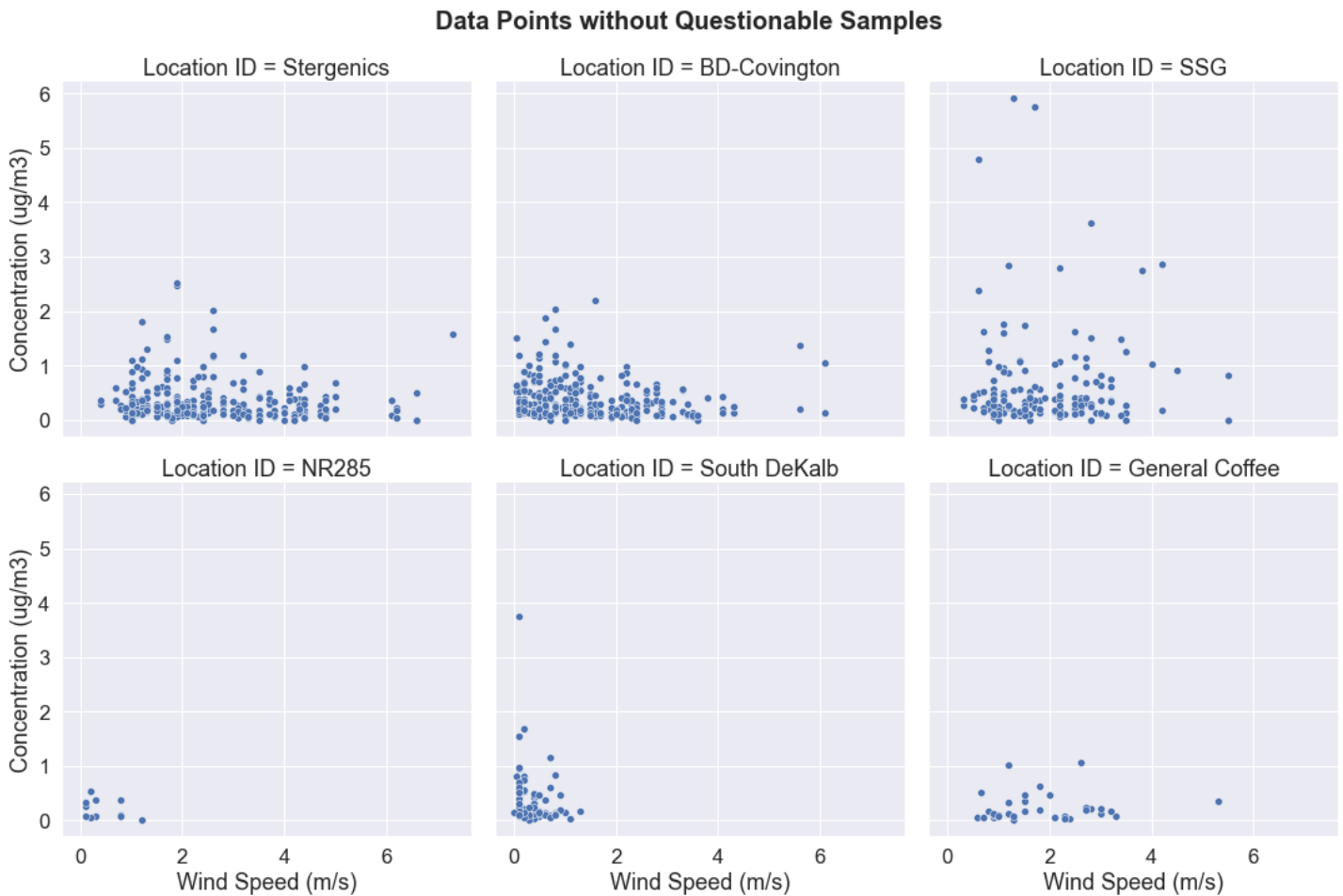
Figure 87. Annual Averages for Each Site



Because wind speed plays an important role in air pollutant dispersion, scatterplots comparing wind speed and ethylene oxide concentration were developed to examine potential correlations between these two variables. Figure 88 presents scatter plots comparing wind speeds and measured concentrations of ethylene oxide in each sampling area. In general, lower wind speeds resulted in higher concentrations. This tendency is more apparent around SSG. Figure 89 is the same as Figure 88 except that Figure 89 excludes the questionable samples. Overall, Figure 89 shows that higher concentrations were measured when wind speeds were lower. This trend is relatively weaker at NR-285 and General Coffee than it is at the other sampling areas.



**Figure 88. Scatter Plots of Wind Speed (x-axis) and Concentration of Ethylene Oxide (y-axis) in Each Sampling Area, Including All Data**



**Figure 89. Scatter Plots of Wind Speed (x-axis) and Concentration of Ethylene Oxide (y-axis) in Each Sampling Area, Without Questionable Canister Data**

## 7.8 Humidity Analysis

GA AAMP researched the potential effects of ambient relative humidity on ethylene oxide concentrations. For this research, the daily average relative humidity and daily maximum relative humidity data was analyzed with the corresponding ethylene oxide samples. Two datasets were created: one dataset to include all data collected, and another dataset that removed any questionable data.

The first dataset labeled “All Data” contains ethylene oxide concentrations taken from Cobb County (S1-S7), Fulton County (F1-F4), Covington (C1-C5, C7-C9), and the South DeKalb site. Samples from the NR-285 and General Coffee sites were removed from the dataset, as the ethylene oxide data from these sites were collected with a different method, and no humidity data was collected near the General Coffee site. Samples containing null codes, field blanks, and quality assurance collocated samples were removed. Any datapoints with NA/blank/missing ethylene oxide concentrations or missing humidity data measures were removed. All sampler types and laboratories used for measuring ethylene oxide concentrations were included in this analysis.

The second dataset labeled “Without Questionable Canister Data” is identical to the first dataset but excludes all canisters flagged with an “LK” qualifier code, corresponding to a concern for potential canister growth and contamination. For more information on this issue, refer to Section 6.2 of this report.

These two datasets were each analyzed with daily average and daily maximum relative humidity measures to evaluate correlation with measured ethylene oxide concentration. Humidity data for the South DeKalb site was measured with GA AAMP meteorology sensors that take hourly averages from minute readings. Humidity data for the Cobb County, Fulton County, and Covington area sites was extrapolated from nearby Automated Surface Observing Systems (ASOS) monitors, a publicly available monitoring system found at airports and other locations around the country that take humidity readings every 20 minutes. Cobb County data was taken from Dobbins Air Force Base (MGE ASOS station), Fulton County data was taken from the Fulton County Airport – Brown Field (FTY ASOS station), and Covington data was taken from the Covington Municipal Airport (CVC ASOS station).

Daily average and daily maximum relative humidity are the relevant measures available to analyze along with the ethylene oxide data. Ethylene oxide is measured as a 24-hour daily concentration which requires a single daily 24-hour humidity value to be used in comparison. Although hourly relative humidity data is available, the comparisons in the analysis were made with a 24-hour average of relative humidity data since the ethylene oxide data is measured as a 24-hour average.

A Pearson Correlation Coefficient ( $r$ ) and  $R^2$  value were calculated for each average and maximum ethylene oxide concentration and humidity metric (with and without the questionable data), resulting in four correlations. The correlation coefficient measures linear correlation between these two sets of data, and the  $R^2$  value measures variance in ethylene oxide concentrations explained by the changes in relative humidity. Table 18 details p-values that indicate no correlation between ambient relative humidity and ethylene oxide concentration.

**Table 18. Tests of Significance for Relative Humidity and Canister Data**

Relative Humidity Measure	Dataset	Pearson Correlation Coefficient ( $r$ )	$R^2$ value	$p$ -value	Statistically Significant (Y or N)
Daily Average	All Data	0.057	0.0032	0.04	N
Daily Average	Without Questionable Canister Data	0.060	0.0036	0.07	N
Daily Maximum	All Data	0.069	0.0047	0.01	N
Daily Maximum	Without Questionable Canister Data	0.054	0.0029	0.10	N

Figure 90 and Figure 91 summarize the daily average and daily maximum relative humidity from each meteorological site. The South DeKalb site (shown in purple) maintains a higher daily average relative humidity and daily maximum relative humidity than the other sites. This may be due to inherent differences in humidity data sources and collection time frames seen between GA AAMP and ASOS monitoring procedures.

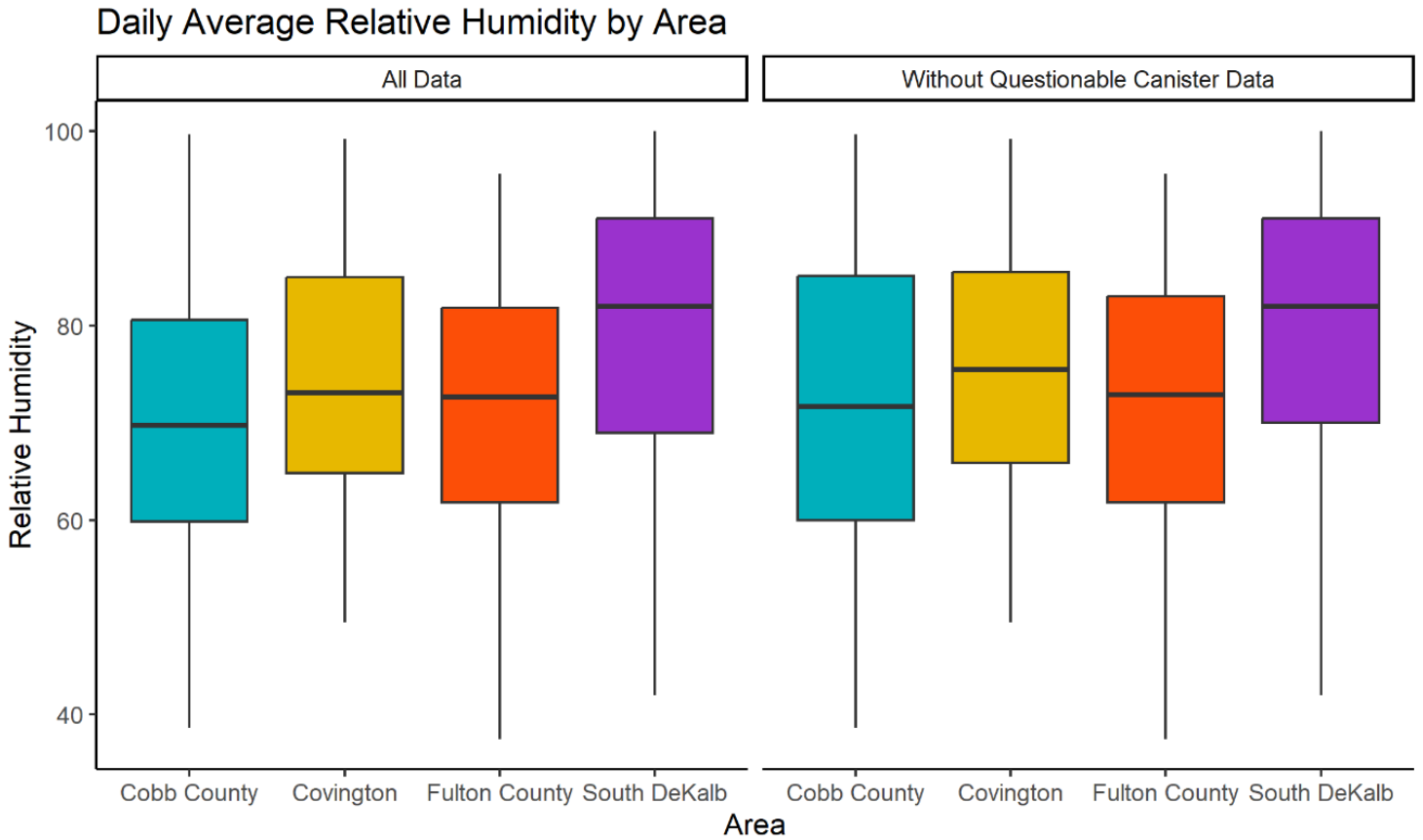


Figure 90. Daily Average Relative Humidity by Area

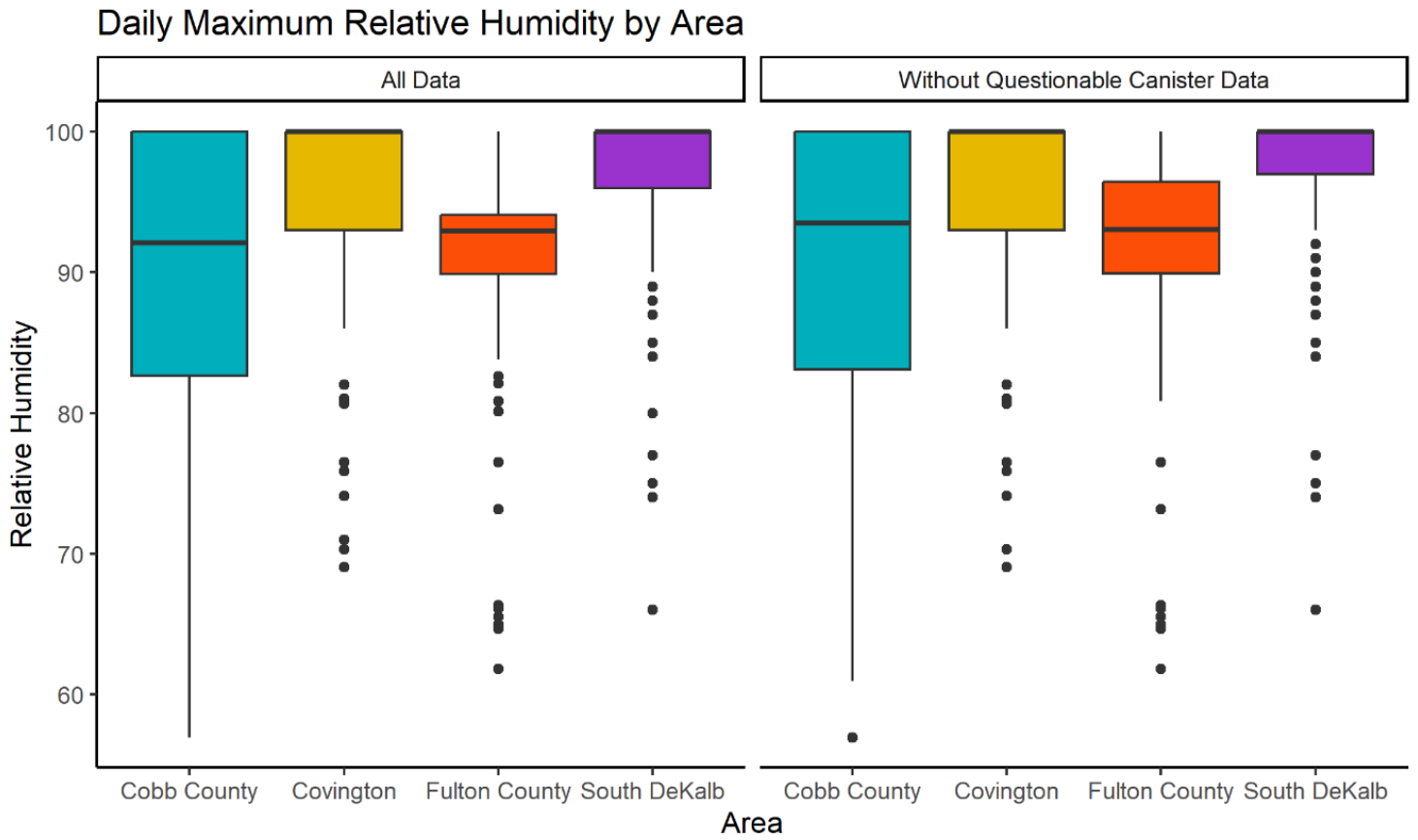


Figure 91. Maximum Relative Humidity by Area

Figure 92 plots each area’s daily average relative humidity and observed ethylene oxide concentration (without removing questionable canister data) with regression lines and  $R^2$  values calculated for each location. Note that a horizontal regression line with a slope coefficient close to 0 corresponds to no positive or negative correlation between changes in humidity and ethylene oxide concentrations. Figure 93 plots the same daily average relative humidity but is compared to the second dataset that has removed the questionable canister data. For the Cobb County area and the South DeKalb site, the slope of the regression lines decreased from 0.0049 to 0.0039 and from 0.0028 to 0.0024, respectively. In Covington, the slope is negative with the questionable data removed, while the Fulton area increased from 0.0062 to 0.0090. The lack of harmonious change in the data supports the observation that there is no correlation between relative humidity and ethylene oxide concentration.

### All Data and Daily Average Relative Humidity by Area

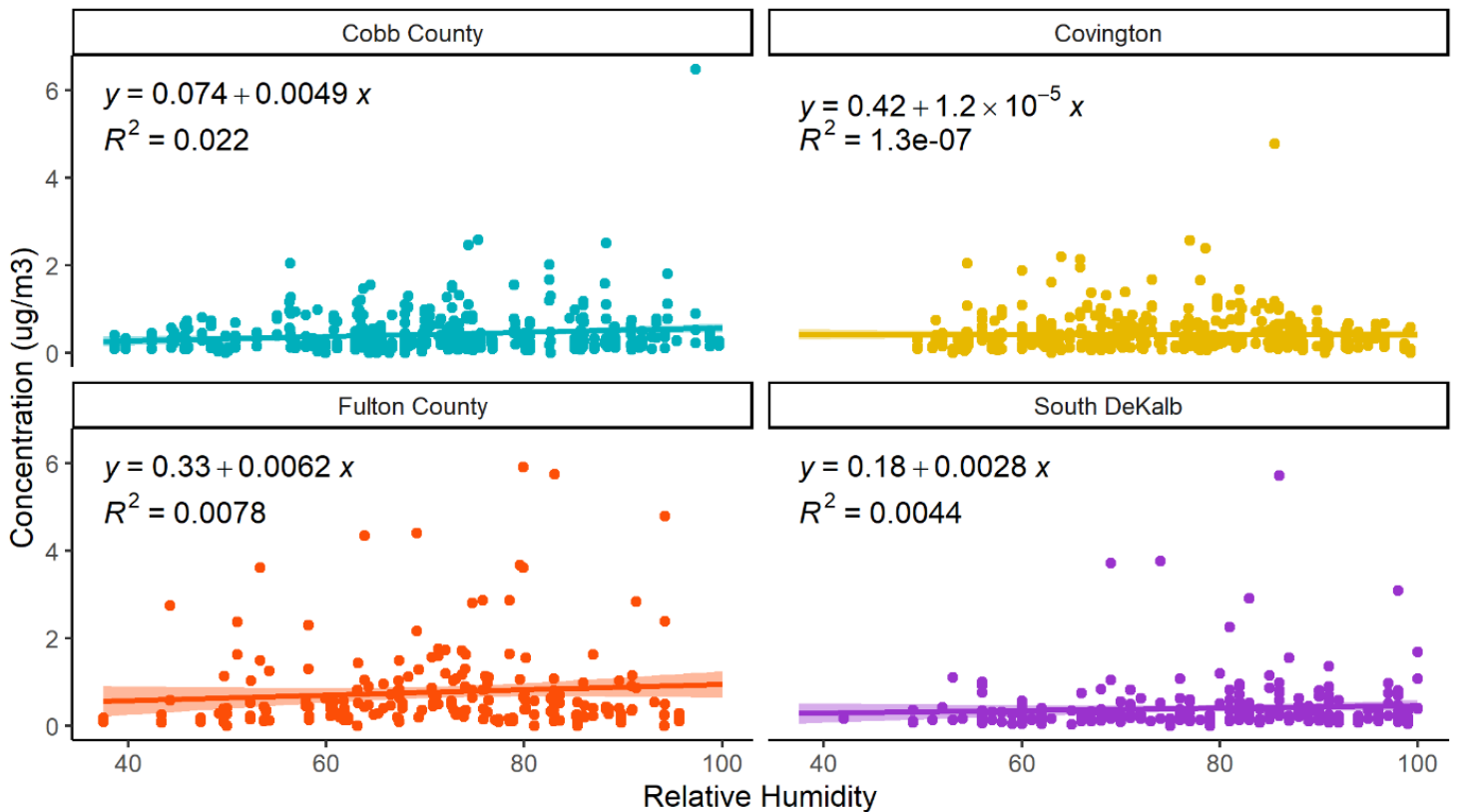


Figure 92. All Data and Daily Average Relative Humidity by Area

### Without Questionable Canister Data and Daily Average Relative Humidity by Area

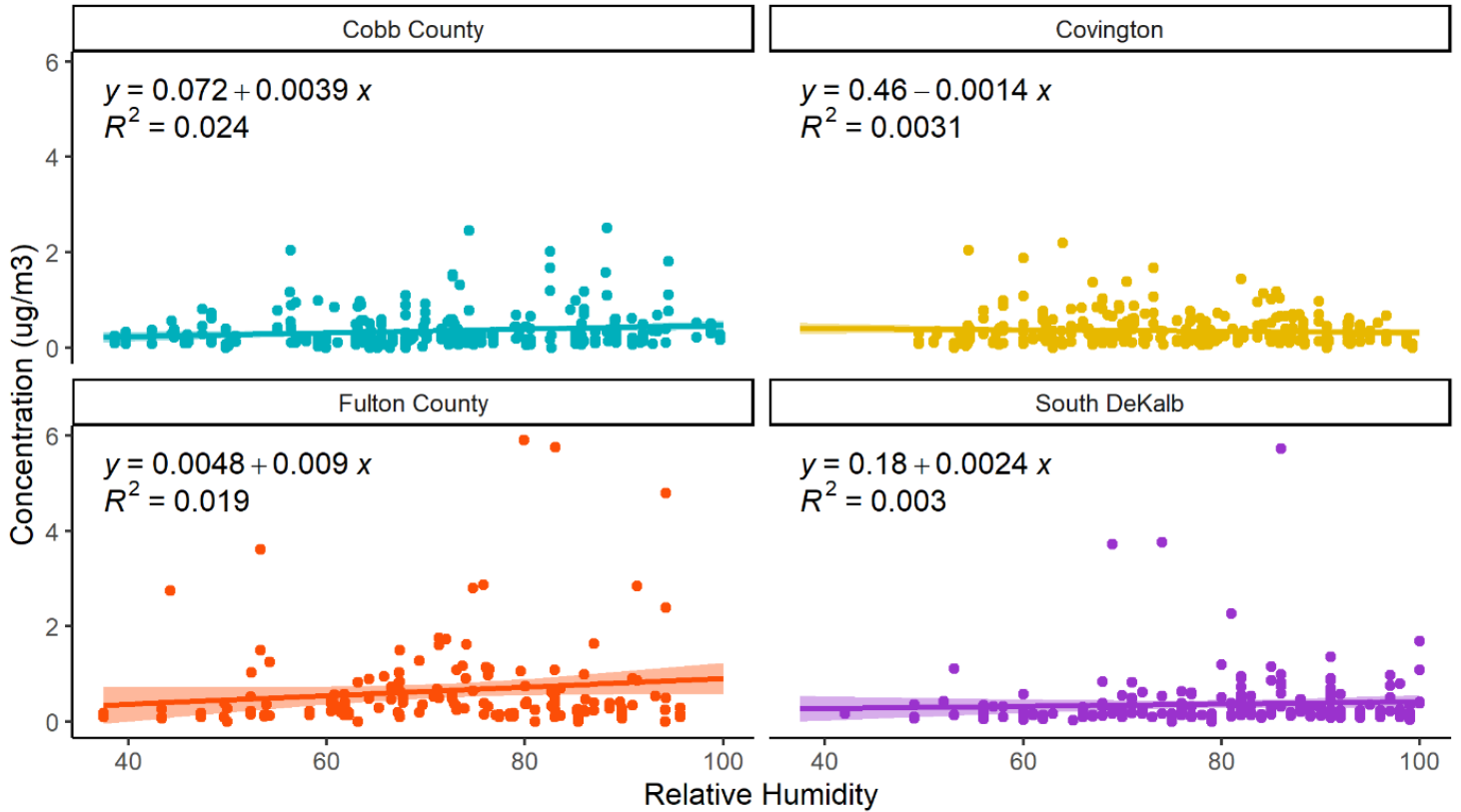


Figure 93. Without Questionable Canister Data and Daily Average Relative Humidity by Area

Figure 94 plots each area’s daily maximum relative humidity and observed ethylene oxide concentration (without removing questionable canister data). The regression lines in these figures remain near-horizontal with slope coefficients between 0.006 and 0.0079. Figure 95 plots each area’s daily maximum relative humidity and observed ethylene oxide concentration but excludes any questionable canister data. All regression slope lines decreased and moved closer to zero, indicating less correlation when questionable canister data is removed.

All Data and Daily Maximum Relative Humidity by Area

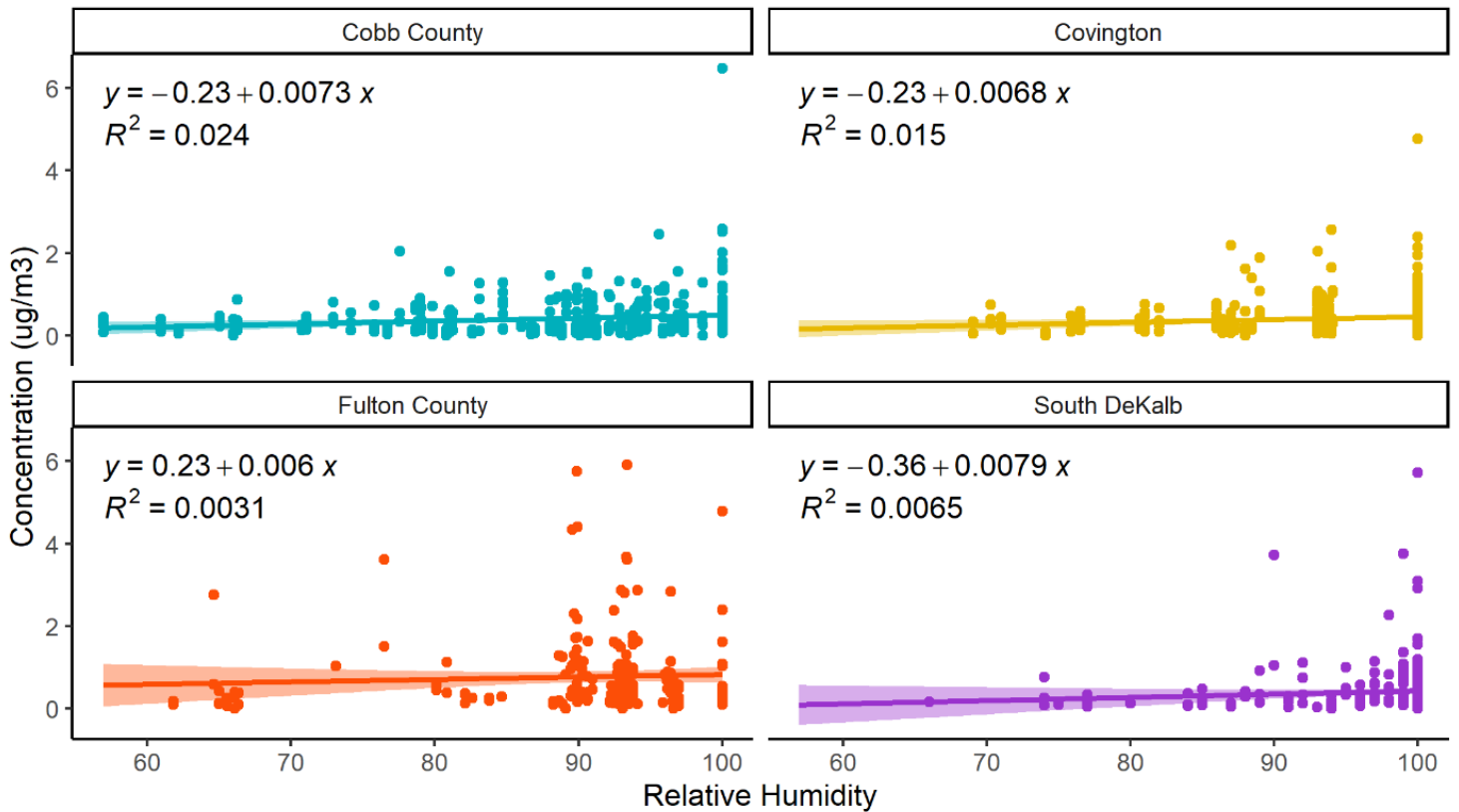


Figure 94. All Data and Daily Maximum Relative Humidity by Area



### Without Questionable Canister Data and Daily Maximum Relative Humidity by Area

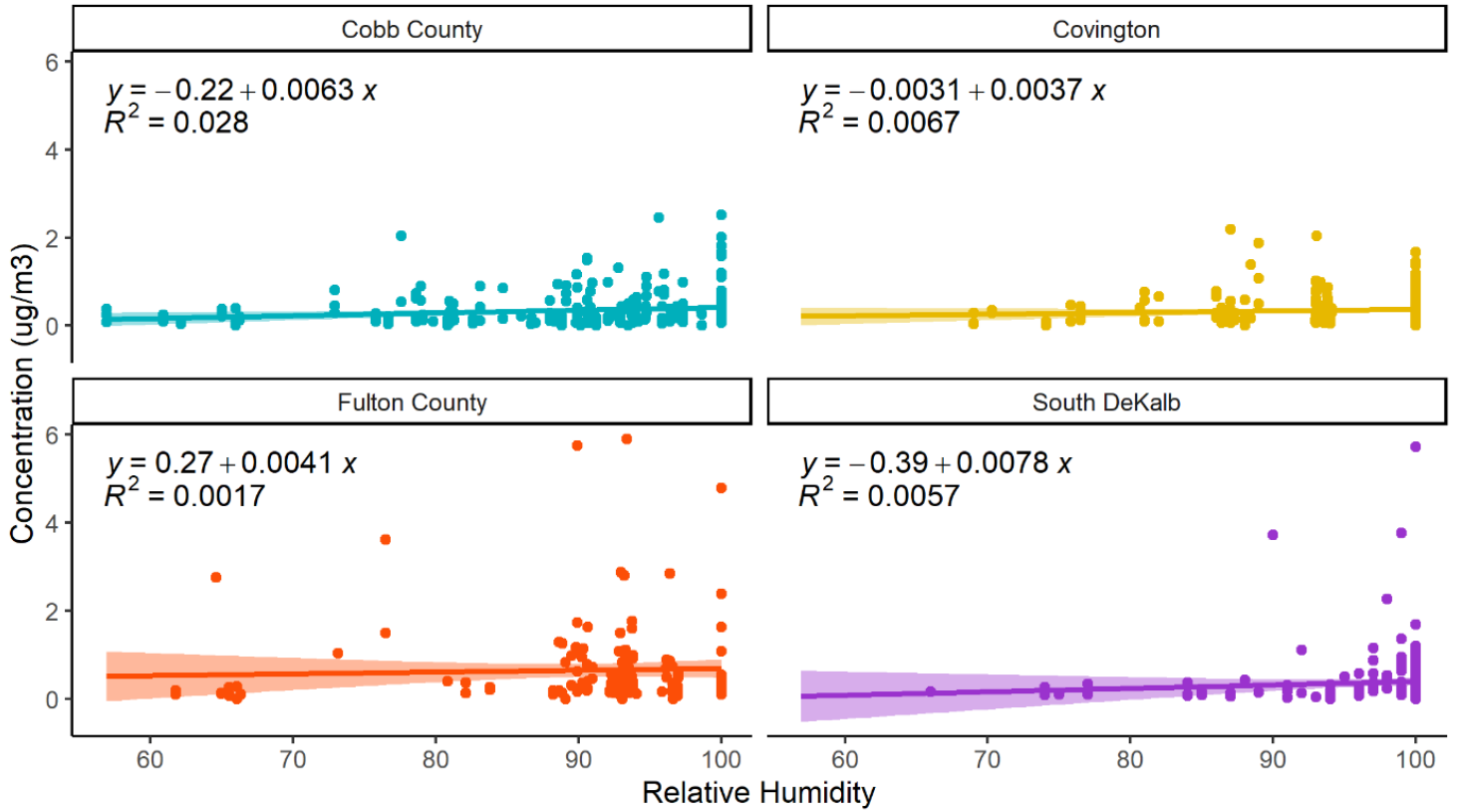


Figure 95. Without Questionable Canister Data and Daily Maximum Relative Humidity by Area

## 8.0 National Comparison

Figure 96 and Table 19 show the nationwide averages of ethylene oxide and compare 2020 and 2021 data through October 31, 2021. This data is taken from the EPA Air Quality System (AQS) database. For Georgia's data, the canisters with zero final pressure are not shown in these maps, as that data was not submitted to AQS. The 2021 data shown in this map for Georgia is data collected with the pressurized sampler (ATEC). The levels of ethylene oxide decreased in 2021 for Georgia and are comparable to other measurements throughout the nation.

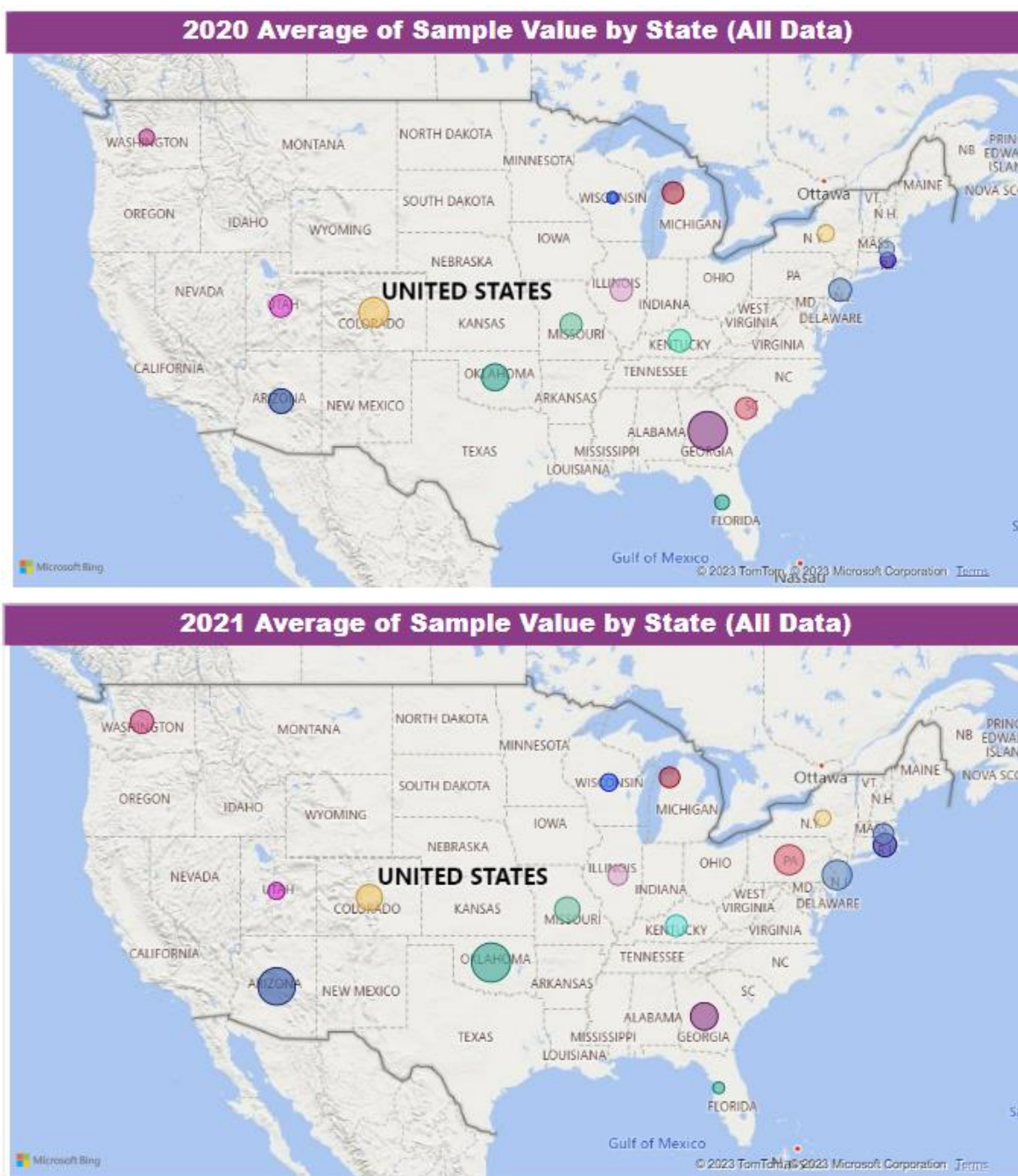


Figure 96. 2020 and 2021 Nationwide Averages of Ethylene Oxide

**Table 19. 2020 and 2021 Nationwide Averages of Ethylene Oxide**

<b>2020 (All Data)</b>					<b>2021 (All Data)</b>				
<b>Year</b>	<b>EPA Region</b>	<b>State Name</b>	<b>Count of Sample Value</b>	<b>Average of Sample Value</b>	<b>Year</b>	<b>EPA Region</b>	<b>State Name</b>	<b>Count of Sample Value</b>	<b>Average of Sample Value</b>
2020	4	Georgia	58	0.32	2021	6	Oklahoma	122	0.21
2020	8	Colorado	54	0.22	2021	9	Arizona	90	0.20
2020	6	Oklahoma	26	0.18	2021	3	Pennsylvania	110	0.15
2020	9	Arizona	85	0.16	2021	2	New Jersey	446	0.15
2020	2	New Jersey	118	0.14	2021	4	Georgia	218	0.14
2020	4	Kentucky	93	0.14	2021	8	Colorado	102	0.13
2020	8	Utah	47	0.13	2021	7	Missouri	108	0.12
2020	7	Missouri	56	0.13	2021	1	Rhode Island	742	0.11
2020	5	Illinois	113	0.13	2021	10	Washington	174	0.11
2020	4	South Carolina	6	0.13	2021	4	Kentucky	502	0.10
2020	5	Michigan	57	0.12	2021	1	Massachusetts	478	0.09
2020	2	New York	674	0.07	2021	5	Michigan	156	0.09
2020	1	Massachusetts	208	0.06	2021	5	Illinois	238	0.09
2020	10	Washington	36	0.06	2021	5	Wisconsin	428	0.07
2020	1	Rhode Island	222	0.06	2021	8	Utah	94	0.07
2020	4	Florida	111	0.05	2021	2	New York	1490	0.06
2020	5	Wisconsin	59	0.01	2021	4	Florida	364	0.03

## 9.0 Summary and Conclusion

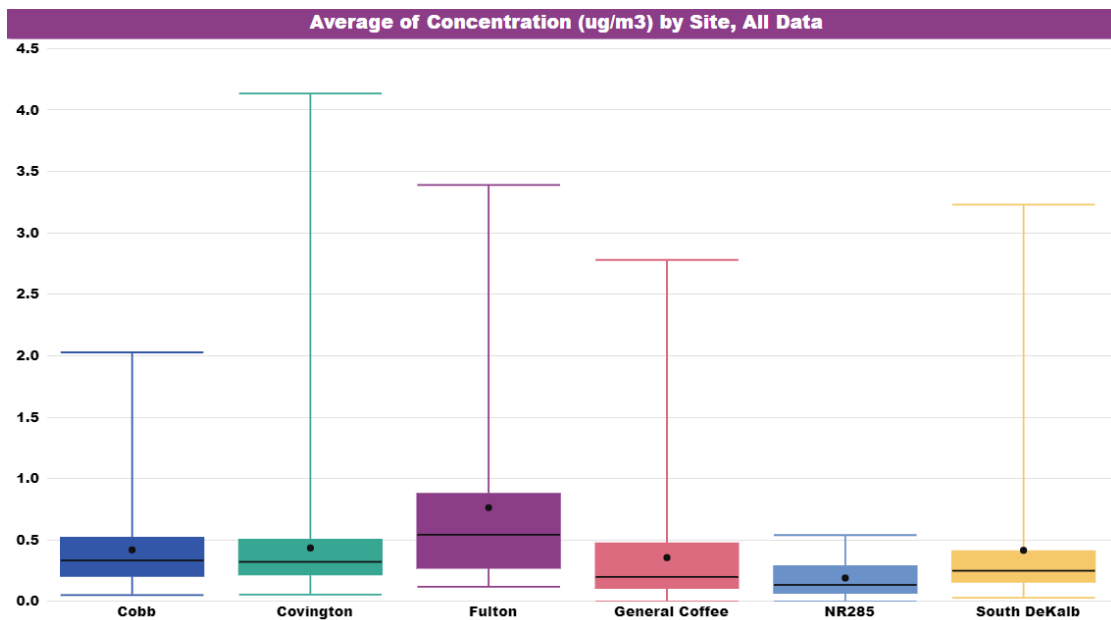
From August 2019 through October 2021, GA AAMP collected 1,744 samples of ambient air to analyze for ethylene oxide. GA AAMP has found that levels of ethylene oxide around Sterigenics and BD were generally comparable to the background sites. Most ethylene oxide concentrations near the facilities and near the background sites are in the range of 0.0-2.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Prior to the installation of controls, measured concentrations of ethylene oxide in the air near SSG were higher than the background sites; however, after the installation of controls the measured concentrations were comparable to the background sites.

Measuring the low concentrations of ethylene oxide present in ambient air is very challenging. Hopefully, all the lessons learned in this study will help in future development of sampling and analytical methods for studying ethylene oxide. The detection level for the method of measuring and analyzing ethylene oxide in ambient air concentrations (which ranged from  $0.045 \mu\text{g}/\text{m}^3$  to  $0.052 \mu\text{g}/\text{m}^3$  during the study) is higher than the acceptable risk limits of ethylene oxide in ambient air ( $0.02 \mu\text{g}/\text{m}^3$ ) set by EPA. This can raise questions about the validity of the ethylene oxide concentrations that are quantified below the detection limit. Additionally, the flexibility currently allowed by the analytical method, TO-15, results in varying concentrations. Therefore, the results from different laboratories are not necessarily comparable. More work needs to be done to improve the sensitivity and consistency of EPA's current method for analyzing for ethylene oxide.

More research should be done to understand the canister effects on the measurement of ethylene oxide. For all sites, the number of samples that were impacted by the canister effects was significant. For the data presented, 25.2% of all samples collected, including quality assurance and field blanks, were impacted by this canister effect. As shown below in Table 20 and Table 21 and Figure 97 and Figure 98, the impact of the questionable canister data on each site resulted in a lower concentration for that site when the questionable canister data was removed. The datasets in Figure 97 and Figure 98 do not include any of the quality assurance samples (field blanks, collocated samples) and the data for sites S5, C1, C7, and C9 were not included as they were sampled for only a very short time during the study.

**Table 20. Table of Averages of All Ethylene Oxide Data  
Sample Average and Max Summary With All Data**

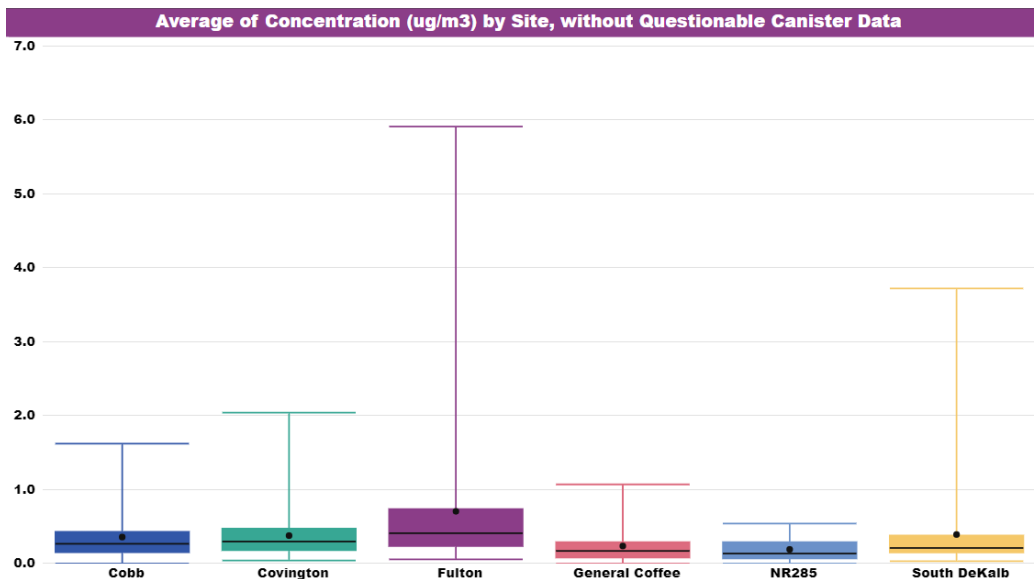
Site	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
<b>Cobb</b>	<b>438</b>	<b>0.41</b>	<b>6.47</b>
<b>Covington</b>	<b>437</b>	<b>0.44</b>	<b>13.86</b>
<b>Fulton</b>	<b>212</b>	<b>0.77</b>	<b>5.91</b>
<b>General Coffee</b>	<b>56</b>	<b>0.36</b>	<b>2.78</b>
<b>NR285</b>	<b>14</b>	<b>0.19</b>	<b>0.54</b>
<b>South DeKalb</b>	<b>263</b>	<b>0.41</b>	<b>5.72</b>



**Figure 97. Box and Whisker Plots of Averages of All Ethylene Oxide Data**

**Table 21. Table of Averages of Ethylene Oxide Data without Questionable Canister Data**

<b>Sample Average and Max Summary Excluding Zero Final Canister Pressure Data</b>			
<b>Site</b>	<b>Count of Concentration (ug/m3)</b>	<b>Average of Concentration (ug/m3)</b>	<b>Max of Concentration (ug/m3)</b>
<b>Cobb</b>	<b>285</b>	<b>0.34</b>	<b>2.51</b>
<b>Covington</b>	<b>292</b>	<b>0.35</b>	<b>2.19</b>
<b>Fulton</b>	<b>154</b>	<b>0.65</b>	<b>5.91</b>
<b>General Coffee</b>	<b>35</b>	<b>0.24</b>	<b>1.07</b>
<b>NR285</b>	<b>14</b>	<b>0.19</b>	<b>0.54</b>
<b>South DeKalb</b>	<b>208</b>	<b>0.37</b>	<b>5.72</b>



**Figure 98. Box and Whisker Plot of Averages of Ethylene Oxide Data without Questionable Canister Data**

Data collected measuring 0 inHg at sample pick up did not significantly impact the concentration of the ethylene oxide being measured. Refer to Section 6.1 for more discussion. The data is presented in the Appendix with and without the 0 inHg ending pressure; however, throughout this document, all the data with 0 inHg ending pressure was included.

A Wilcoxon Rank Sum Test (with continuity correction) was used to determine if there was a significant statistical difference between ethylene oxide concentrations collected at each of the individual sites in Covington and Fulton before and after controls were installed. For Cobb, the ethylene oxide concentration before and after startup was compared. Only one site, S3, had a significant statistical difference in the concentrations before and after the facility started up. A Kruskal-Wallis Test was used to determine if a statistically significant difference exists in the ethylene oxide data collected for each site as compared to the background sites of South DeKalb and General Coffee. For the sites in Cobb and Covington, there was no evidence of a statistical difference between the concentrations of any of the sites or as compared

to the background locations of South DeKalb and General Coffee. Conversely, for the sites in Fulton, there was evidence of a statistically significant difference between the F sites and the background sites of South DeKalb and General Coffee. However, when the F1 and F2 data collected after the controls were installed (January 28 through October 31) was compared to both the background sites of South DeKalb and General Coffee, there is no significant statistical difference to both the South DeKalb and General Coffee sites for this same time period. For the Cobb and Covington sites, the controls were installed by the Spring of 2020, resulting in over a year of data after the controls were installed.

GA AAMP installed a Picarro continuous ethylene oxide instrument at the South DeKalb monitoring site to investigate the feasibility of continuous ethylene oxide sampling in ambient air. During the study, GA AAMP encountered many challenges with this continuous sampling method. Based on GA AAMP data, further study is needed for the continuous measurement to be feasible for ambient sampling. Refer to Section 6.8 for details regarding issues sampling with the Picarro continuous ethylene oxide instrument.

As stated previously, there were multiple method development and procedural challenges with monitoring and analyzing for ethylene oxide at the very low concentrations found in ambient air. These challenges have impacted the consistency of the ethylene oxide concentrations measured throughout this study, and therefore any conclusions that can be drawn from the study. Refer to Section 6 for more information regarding the challenges encountered during this study.

GA AAMP continues to collect ethylene oxide data as this report is published. As of January 2020, ethylene oxide became part of the required suite of compounds to be analyzed as part of the National Air Toxics Trends (NATTS) network, and it will be monitored accordingly at South DeKalb going forward. The knowledge gained from this study will benefit future ethylene oxide studies and the required NATTS sampling.

Through this study, GA AAMP has been able to assist EPA with their ongoing research into technology development and method improvement for monitoring the low concentrations of ethylene oxide present in ambient air. Many of the ethylene oxide concentrations measurements were either below the method detection limit or within the analytical noise of the method which is generally five times the method detection limit. As a result, many of the quality indicators, such as precision or repeatability of the sample result, are not within EPA-defined validation criteria.

## Appendices



### Ethylene Oxide Data - All Sites

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Wind Direction	Wind Direction (degrees)	Wind Speed	Sampler Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Final Canister Pressure Units	Sample ID
C1	2019-10-03		1.08			WNW	300	0.6	passive	ERG	0.0452	18865	4.00	inHg	9100922-01
C1	2019-10-06		0.14			E	85	2.3	passive	ERG	0.0452	SAT145	3.1	inHg	9100922-05
C1	2019-10-12		1.61		LK	WNW	290	1	passive	ERG	0.0452	5050	4.9	inHg	9101803-01
C1	2019-10-18			AN					passive	ERG		5142	0.0	inHg	9102507-02
C1	2019-10-24			AF					passive	ERG			Did Not Collect		No sample ID possible
C1	2019-10-27		2.57		LK, 2	WNW	290	2	passive	ERG	0.0452	5004	7.5	inHg	9103069-01
C1	2019-10-30		0.35		2	SE	130	1.2	passive	ERG	0.0452	SAT014	6.2	inHg	9110118-01
C1	2019-11-01		0.17			NW	320	1.9	passive	ERG	0.0452	A21046	5.0	inHg	9110553-01
C1	2019-11-03		0.20		LK, 2	NW	320	0.6	passive	ERG	0.0452	5145	6.1	inHg	9110635-01
C1	2019-11-05		0.11			NNE	30	0.6	passive	ERG	0.0452	SAT072	5.9	inHg	9110810-01
C1	2019-11-08		0.41		2	NNW	330	1.9	passive	ERG	0.0452	19664	6.3	inHg	9111412-01
C1	2019-11-13			AF		E	90	2	passive				Did Not Collect		No sample ID possible
C1	2019-11-15		0.67		LK	NE	50	1.3	passive	ERG	0.0452	AZ50	5.5	inHg	9112026-01
C2	2019-10-03		0.60		LK	WNW	300	0.6	passive	ERG	0.0452	N4102	5.1	inHg	9100922-02
C2	2019-10-06		0.16			E	85	2.3	passive	ERG	0.0452	SAT177	4.8	inHg	9100922-06
C2	2019-10-12			AF					passive	ERG	0.0452	SAT147	VOID		9101803-04
C2	2019-10-18		0.47		LK, 2	E	85	1.3	passive	ERG	0.0452	5082	0.0	inHg	9102507-04
C2	2019-10-24			AF					passive	ERG			Did Not Collect		No sample ID possible
C2	2019-10-27		0.32		LK, 2	WNW	290	2	passive	ERG	0.0452	5117	7.6	inHg	9103069-02
C2	2019-10-30		0.33			SE	130	1.2	passive	ERG	0.0452	SAT029	5.1	inHg	9110118-02
C2	2019-11-01		0.22		LK	NW	320	1.9	passive	ERG	0.0452	SAT135	5.0	inHg	9110553-02
C2	2019-11-03		0.24		LK	NW	320	0.6	passive	ERG	0.0452	A21096	5.5	inHg	9110716-01
C2	2019-11-05		0.17		LK	NNE	30	0.6	passive	ERG	0.0452	SAT176	6.0	inHg	9110810-02
C2	2019-11-08		0.05			NNW	330	1.9	passive	ERG	0.0452	110335	6.0	inHg	9111412-02
C2	2019-11-13		0.17		LK	E	90	2	passive	ERG	0.0452	5082	5.9	inHg	9111509-01
C2	2019-11-15		0.25		LK	NE	50	1.3	passive	ERG	0.0452	5069	6.0	inHg	9112026-02
C2	2019-11-20		1.02		2	NNW	315	1	passive	ERG	0.0452	SAT063	6.1	inHg	9112711-01
C2	2019-11-23		0.42		2	W	285	1.5	passive	ERG	0.0452	SAT069	15.8	inHg	9112711-02
C2	2019-11-29		0.44		LK, 2	ENE	75	0.1	passive	ERG	0.0452	AZ43	7.4	inHg	9120610-01
C2	2019-12-05		0.76		2	NW	315	0.9	passive	ERG	0.0452	2767	6.9	inHg	9121207-01
C2	2019-12-08		0.19		LK, 2	E	90	3.3	passive	ERG	0.0452	18818	6.1	inHg	9121207-02
C2	2019-12-11		0.05		LK, 2	NNW	335	2.7	passive	ERG	0.0452	19290	0.0	inHg	9121841-01
C2	2019-12-14		0.40		LK, 2	WNW	290	2.3	passive	ERG	0.0452	5115	0.0	inHg	9121841-06
C2	2019-12-17		0.21		2, LK	WNW	300	3.4	passive	ERG	0.0452	5033	0.0	inHg	9122019-01

C2	2019-12-19	0.21	2	NNE	45	0.8	passive	ERG	0.0452	SAT070	0.0	inHg	0010322-01	
C2	2019-12-23		AN	ENE	70	5.1	passive	ERG		SAT017	0.0	inHg	0010322-05	
C2	2019-12-31	0.29	LK	W	275	2.9	passive	ERG	0.0452	5045	1.0	inHg	0010717-01	
C2	2020-01-04		AF	WNW	290	4.3	passive	ERG		18830	26.8	inHg	0010907-01	
C2	2020-01-07	0.49		WNW	285	2.8	passive	ERG	0.0452	SAT113	1.0	inHg	0011618-01	
C2	2020-01-10	0.37	2, LK	E	80	2.4	passive	ERG	0.0452	SAT050	0.0	inHg	0011423-04	
C2	2020-01-14		AF	NW	320	0.3	passive	ERG		5081	26.2	inHg	0011705-01	
C2	2020-01-16	0.60		E	88	2.8	passive	ERG	0.0452	SAT156	3.5	inHg	0012927-01	
C2	2020-01-19	0.14	LK	NW	310	4.9	passive	ERG	0.0452	SAT138	2.5	inHg	0012317-01	
C2	2020-01-22	0.43	LK	ENE	75	1.7	passive	ERG	0.0452	5024	2.1	inHg	0012927-05	
C2	2020-01-25	0.84	LK	WNW	290	2.6	passive	ERG	0.0452	5132	2.3	inHg	0013008-01	
C2	2020-01-28	1.01	LK	NW	315	1.3	passive	ERG	0.0452	5083	3.5	inHg	0020524-01	
C2	2020-01-30		AA	LK	ENE	75	1.5	passive	ERG	0.0452	5062	3.2	inHg	0020524-05
C2	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	19649	3.2	inHg	0021311-01	
C2	2020-02-09	0.70		E	80	1.3	passive	ERG	0.0452	SAT085	1.1	inHg	0021921-01	
C2	2020-02-15	0.15		E	92	0.4	passive	ERG	0.0452	18889	3.2	inHg	0022425-01	
C2	2020-02-21	0.48	LK	NE	45	0.5	passive	ERG	0.0452	5145	2.5	inHg	0022816-01	
C2	2020-02-27	0.41		NW	315	3.8	passive	ERG	0.0452	SAT008	1.6	inHg	0030604-01	
C2	2020-03-04	0.32	LK	NE	45	0.1	passive	ERG	0.0515	5100	4.8	inHg	0031012-01	
C2	2020-03-10	0.55		SW	240	0.6	passive	ERG	0.0515	SAT108	1.3	inHg	0031836-01	
C2	2020-03-16	0.09		E	85	2.8	passive	ERG	0.0515	18874	1.8	inHg	0032321-01	
C2	2020-03-22	0.36	LK	ENE	80	2.9	passive	ERG	0.0515	5136	1.6	inHg	0040115-01	
C2	2020-03-28	0.53	LK	WSW	245	1.1	passive	ERG	0.0515	5124	5.0	inHg	0040814-03	
C2	2020-04-03	0.33		NW	310	0.6	passive	ERG	0.0515	18885	1.8	inHg	0041001-01	
C2	2020-04-09	0.63	LK	WNW	290	3.3	passive	ERG	0.0515	5046	4.6	inHg	0041707-01	
C2	2020-04-15	0.74	LK	NW	315	2.9	passive	ERG	0.0515	AZ38	1.7	inHg	0042218-01	
C2	2020-04-21	1.31	LK, 2	WNW	285	2.2	passive	ERG	0.0515	5089	3.8	inHg	0050114-01	
C2	2020-04-27	0.98	2	NW	310	2.2	passive	ERG	0.0515	19656	2.6	inHg	0050615-01	
C2	2020-05-03	0.67	LK	W	270	1.2	passive	ERG	0.0515	5045	4.9	inHg	0051324-01	
C2	2020-05-09	0.29	LK	NW	310	2.1	passive	ERG	0.0515	5099	3.2	inHg	0051504-01	
C2	2020-05-15		BI	SSE	148	0.3	passive	ERG		5141	4.1	inHg	0052848-01	
C2	2020-05-21	0.44	LK	NE	58	0.5	passive	ERG	0.0515	5017	2.9	inHg	0052918-03	
C2	2020-05-27	0.50		E	80	2.6	passive	ERG	0.0515	SAT160	3.5	inHg	0060508-01	
C2	2020-06-02	0.43	LK	SW	238	0.2	passive	ERG	0.0515	5072	3.9	inHg	0061042-01	
C2	2020-06-08		BI	ESE	120	1.1	passive	ERG		SAT177	3.9	inHg	0061731-01	
C2	2020-06-14	0.51	LK, 2	ENE	70	1.2	passive	ERG	0.0515	SAT023	0.0	inHg	0061908-01	
C2	2020-06-20	1.04	LK	NNW	330	0.8	passive	ERG	0.0515	SAT028	3.2	inHg	0070602-01	
C2	2020-06-26	1.14	LK	WNW	285	2.2	passive	ERG	0.0515	5033	4.7	inHg	0070840-01	

C2	2020-07-02	0.27		NNW	335	1.2	passive	ERG	0.0515	19280	4.2	inHg	0070928-01
C2	2020-07-08	0.82	LK	NE	45	0.6	passive	ERG	0.0515	5128	4.5	inHg	0071703-01
C2	2020-07-14	0.72	LK	NW	320	0.2	passive	ERG	0.0515	SAT035	3.1	inHg	0072412-01
C2	2020-07-20	0.29	2	E	80	0.1	passive	ERG	0.0515	18868	0.0	inHg	0072412-05
C2	2020-07-26	13.86	LK	W	268	0.05	passive	ERG	0.0515	35158	3.1	inHg	0080534-01
C2	2020-08-01	0.20	LK	SW	214	0.5	passive	ERG	0.0515	SAT053	2.1	inHg	0081410-01
C2	2020-08-07	0.19		ENE	60	0.1	passive	ERG	0.0515	33533	1.9	inHg	0081410-05
C2	2020-08-13		AF	S	190	0.1	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-19		AF	ESE	108	0.2	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-25		AF	ENE	67	0.3	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-31	0.15		W	278	0.1	passive	ERG	0.0515	19276	2.7	inHg	0090413-01
C2	2020-09-06	0.14		ENE	64	0.2	passive	ERG	0.0515	33554	2.0	inHg	0091711-01
C2	2020-09-12	0.45	LK	E	85	1.8	passive	ERG	0.0515	5014	4.1	inHg	0092335-01
C2	2020-09-18	4.77	LK	NNW	30	0.8	passive	ERG	0.0515	35128	2.7	inHg	0093025-01
C2	2020-09-24	0.28	LK	E	90	1.6	passive	ERG	0.0515	5101	2.1	inHg	0093025-05
C2	2020-09-30	0.27	2	WNW	300	1	passive	ERG	0.0515	18820	0.0	inHg	0100833-01
C2	2020-10-06	0.39		E	85	0.6	passive	ERG	0.0515	SAT080	1.8	inHg	0101528-01
C2	2020-10-12		AF	WNW	285	0.6	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-10-18	0.11		ENE	75	2.3	passive	ERG	0.0515	114340	1.0	inHg	0102916-01
C2	2020-10-24	0.39		SSE	165	0.2	passive	ERG	0.0515	111219	2.9	inHg	0103006-01
C2	2020-10-30	0.13		NW	310	4.1	passive	ERG	0.0515	33554	1.6	inHg	0111125-01
C2	2020-11-05	0.21		ENE	65	1	passive	ERG	0.0515	SAT118	1.1	inHg	0111824-01
C2	2020-11-11	0.20		E	80	0.2	passive	ERG	0.0515	18836	2.8	inHg	0111824-05
C2	2020-11-17	0.28	LK	NW	315	3.4	passive	ERG	0.0515	A21069	1.5	inHg	0112513-01
C2	2020-11-23	0.35		NW	315	2.3	passive	ERG	0.0515	SAT152	1.1	inHg	0120411-01
C2	2020-11-29	0.00	VB, U, ND	E	84	0.7	passive	ERG	0.0515	SAT015	3.9	inHg	0121016-01
C2	2020-12-05	0.34	2	WNW	290	3.1	passive	ERG	0.0515	33540	0.0	inHg	0121104-01
C2	2020-12-11	0.15		ESE	115	0.2	passive	ERG	0.0515	18870	2.6	inHg	0122326-01
C2	2020-12-17	0.23	2, LK	WNW	295	3.5	passive	ERG	0.0515	35119	0.0	inHg	0123026-01
C2	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110257	1.8	inHg	1010626-01
C2	2020-12-29	0.18		ENE	75	0.8	passive	ERG	0.0515	114322	2.0	inHg	1011326-02
C2	2021-01-04	0.19		WNW	295	1.2	passive	ERG	0.0515	A21028	1.7	inHg	1011326-06
C2	2021-01-10	0.06		ENE	70	0.5	passive	ERG	0.0515	18824	1.2	inHg	1012127-01
C2	2021-01-16	0.05	VB, U	WNW	285	2.3	passive	ERG	0.0515	19657	1.0	inHg	1012726-01
C2	2021-01-22	0.37	2, LK	WNW	300	0.7	passive	ERG	0.0515	A21056	0.0	inHg	1012903-01
C2	2021-01-28	0.31	LK	NW	315	5.6	passive	ERG	0.0515	A21033	1.8	inHg	1020519-01
C2	2021-02-03	QA	2	NW	310	3.6	passive	ERG	0.0472	110252	0.0	inHg	1021208-02
C2	2021-02-03	0.09	2	NW	310	3.6	passive	ERG	0.0472	110305	1.4	inHg	1021208-01

C2	2021-02-09	0.37		ENE	65	0.6	passive	ERG	0.0472	SAT016	3.3	inHg	1021908-05	
C2	2021-02-15	0.08	2	E	85	2.4	passive	ERG	0.0472	19649	10.3	inHg	1022211-01	
C2	2021-02-21	0.09		ESE	105	2.1	passive	ERG	0.0472	33240	4.8	inHg	1030510-01	
C2	2021-02-27	0.12		ENE	70	1	passive	ERG	0.0472	19294	1.7	inHg	1031121-01	
C2	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible	
C2	2021-03-11	0.29		S	185	0.6	passive	ERG	0.0472	18835	2.0	inHg	1031639-01	
C2	2021-03-17	0.14		E	85	1.5	passive	ERG	0.0472	110305	2.9	inHg	1032432-01	
C2	2021-03-23	0.14		E	80	2.3	passive	ERG	0.0472	111211	2.3	inHg	1040729-01	
C2	2021-03-29	0.30		N	0	1.6	passive	ERG	0.0472	A21042	1.9	inHg	1041343-03	
C2	2021-04-04	1.07	LK	WNW	285	0.8	passive	ERG	0.0472	SAT165	1.2	inHg	1042215-01	
C2	2021-04-10	0.52		SSE	160	1.1	passive	ERG	0.0472	A21012	1.9	inHg	1042215-05	
C2	2021-04-16	0.47		NE	45	0.7	passive	ERG	0.0472	A21005	2.0	inHg	1042933-01	
C2	2021-04-22	0.12	2	NNW	345	2	passive	ERG	0.0472	18868	0.0	inHg	1043022-01	
C2	2021-04-28	0.17		SSW	205	0.4	passive	ERG	0.0472	110335	4.1	inHg	1050523-01	
C2	2021-05-04	0.30	LK	W	265	1.2	passive	ERG	0.0472	SAT081	5.4	inHg	1051942-01	
C2	2021-05-10	0.69	LK, 2	WNW	290	1.3	passive	ERG	0.0472	A21071	7.2	inHg	1051942-05	
C2	2021-05-16	0.45		SW	225	0.4	passive	ERG	0.0472	33533	4.6	inHg	1060323-01	
C2	2021-05-22	0.44		ENE	70	0.5	passive	ERG	0.0472	18827	3.9	inHg	1060323-02	
C2	2021-05-28	0.23	LK	WSW	245	1.1	passive	ERG	0.0472	18868	4.7	inHg	1060415-01	
C2	2021-06-03	0.17		SW	230	0.4	passive	ERG	0.0472	110335	4.9	inHg	1060924-01	
C2	2021-06-15	0.23		NW	310	2.4	passive	ERG	0.0472	A21065	5.7	inHg	1070116-01	
C2	2021-06-15	QA	0.11	NW	310	2.4	passive	ERG	0.0472	110258	5.8	inHg	1070116-02	
C2	2021-06-27	0.27		ESE	120	1	passive	ERG	0.0472	SAT182	4.6	inHg	1072320-01	
C2	2021-07-15	0.11		WNW	290	0.4		ERG	0.0472	110322	7.3	inHg	1072936-01	
C2	2021-07-15	QA	0.11	WNW	290	0.4		ERG	0.0472	114322	6.8	inHg	1072936-02	
C2	2021-07-27	0.96		NW	320	0.5		ERG	0.0472	A21012	8.2	inHg	1080602-01	
C2	2021-08-02		AA	N	7	0.5		ERG		35112	0.2	inHg	1081306-01	
C2	2021-08-14	2.39	D-F, LK	N	10	0.9		ERG	0.0472	SAT058	5.5	inHg	1090127-02	
C2	2021-08-14	QA	0.59	D-F, LK	N	10	0.9		ERG	0.0472	A21032	10.9	inHg	1090127-03
C2	2021-08-26	0.12		ESE	105	0.3		ERG	0.0472	110342	5.1	inHg	1090318-01	
C2	2021-09-07	QA	0.24	ENE	62	0.8		ERG	0.0472	110257	7.2	inHg	1091621-02	
C2	2021-09-07	0.16		ENE	62	0.8		ERG	0.0472	110322	5.8	inHg	1091621-01	
C2	2021-09-19	0.45	LK	E	85	0.2		ERG	0.0472	A21108	5.9	inHg	1100812-01	
C2	2021-10-01	0.23		SE	131	0.1		EPD	0.0288	114375	6.7	inHg	AK87168	
C2	2021-10-01	QA	0.20	SE	131	0.1		EPD	0.0288	110329	5.1	inHg	AK87167	
C2	2021-10-13	0.11		E	99	0.1		EPD	0.0288	114391	5.8	inHg	AK87855	
C2	2021-10-31	0.24		WNW	293	0.6		EPD	0.0288	110303	6.2	inHg	AK88024	
C3	2019-10-03	0.49		WNW	300	0.6	passive	ERG	0.0452	SAT033	6.0	inHg	9100922-03	

C3	2019-10-06	0.17	LK	E	85	2.3	passive	ERG	0.0452	A21069	5.5	inHg	9100922-07
C3	2019-10-12	0.59	2	WNW	290	1	passive	ERG	0.0452	SAT166	6.5	inHg	9101803-02
C3	2019-10-18	0.57		E	85	1.3	passive	ERG	0.0452	SAT084	3.8	inHg	9102507-01
C3	2019-10-24	0.06		E	90	1.6	passive	ERG	0.0452	18869	5.5	inHg	9103069-03
C3	2019-10-27	0.36	LK, 2	WNW	290	2	passive	ERG	0.0452	5069	7.1	inHg	9103069-04
C3	2019-10-30	0.35		SE	130	1.2	passive	ERG	0.0452	18831	5.1	inHg	9110118-03
C3	2019-11-01	0.13		NW	320	1.9	passive	ERG	0.0452	SAT155	3.8	inHg	9110553-03
C3	2019-11-03	0.22		NW	320	0.6	passive	ERG	0.0452	44	5.0	inHg	9110635-02
C3	2019-11-05		AF	NNE	30	0.6	passive	ERG			Did Not Collect		No sample ID possible
C3	2019-11-08	0.37		NNW	330	1.9	passive	ERG	0.0452	SAT161	5.6	inHg	9111412-03
C3	2019-11-13	0.50	LK	E	90	2	passive	ERG	0.0452	5132	5.8	inHg	9111509-02
C3	2019-11-15	0.23		NE	50	1.3	passive	ERG	0.0452	19283	4.4	inHg	9112026-03
C3	2019-11-20	0.58	LK, 2	NNW	315	1	passive	ERG	0.0452	5007	6.8	inHg	9112711-03
C3	2019-11-23	0.29		W	285	1.5	passive	ERG	0.0452	SAT054	5.6	inHg	9112711-04
C3	2019-11-29	0.29	LK	ENE	75	0.1	passive	ERG	0.0452	AZ45	5.6	inHg	9120610-02
C3	2019-12-05	0.48	LK, 2	NW	315	0.9	passive	ERG	0.0452	5100	6.1	inHg	9121207-03
C3	2019-12-08	0.18	LK	E	90	3.3	passive	ERG	0.0452	19663	4.8	inHg	9121207-04
C3	2019-12-11	0.18	LK	NNW	335	2.7	passive	ERG	0.0452	AZ52	4.9	inHg	9121841-02
C3	2019-12-14	0.23	LK	WNW	290	2.3	passive	ERG	0.0452	19293	4.2	inHg	9121841-07
C3	2019-12-17	0.38	LK, 2	WNW	300	3.4	passive	ERG	0.0452	SAT164	7.1	inHg	9122019-02
C3	2019-12-19	0.66	2	NNE	45	0.8	passive	ERG	0.0452	SAT122	0.0	inHg	0010322-02
C3	2019-12-23		AF	ENE	70	5.1	passive	ERG		SAT097	28.0	inHg	0010322-06
C3	2019-12-31	0.09	2	W	275	2.9	passive	ERG	0.0452	SAT177	0.0	inHg	0010717-02
C3	2020-01-04	0.12	2	WNW	290	4.3	passive	ERG	0.0452	19297	0.0	inHg	0010907-02
C3	2020-01-07	0.49	2, LK	WNW	285	2.8	passive	ERG	0.0452	SAT038	0.0	inHg	0011423-01
C3	2020-01-10	0.09		E	80	2.4	passive	ERG	0.0452	18824	2.9	inHg	0011423-05
C3	2020-01-14	0.47	LK, 2	NW	320	0.3	passive	ERG	0.0452	SAT184	14.5	inHg	0011705-02
C3	2020-01-16		AF	NW	320	2.8	passive	ERG	0.0452	A22329	VOID		0012927-02
C3	2020-01-19	0.47	LK, 2	NW	310	4.9	passive	ERG	0.0452	SAT185	0.0	inHg	0012317-02
C3	2020-01-22	0.40	LK, 2	ENE	75	1.7	passive	ERG	0.0452	5108	0.0	inHg	0012927-06
C3	2020-01-25	0.51	LK, 2	WNW	290	2.6	passive	ERG	0.0452	SAT110	0.0	inHg	0013117-01
C3	2020-01-28	0.16		NW	315	1.3	passive	ERG	0.0452	18868	3.4	inHg	0020524-02
C3	2020-01-30	0.17		ENE	75	1.5	passive	ERG	0.0452	19278	4.0	inHg	0021214-01
C3	2020-02-03	0.08		WSW	245	0.6	passive	ERG	0.0452	19647	4.1	inHg	0021311-02
C3	2020-02-09	0.54		E	80	1.3	passive	ERG	0.0452	SAT182	1.8	inHg	0021921-02
C3	2020-02-15	0.29		E	92	0.4	passive	ERG	0.0452	SAT096	2.1	inHg	0022425-02
C3	2020-02-21	0.49		NE	45	0.5	passive	ERG	0.0452	2527	1.2	inHg	0022816-02
C3	2020-02-27	0.18	LK	NW	315	3.8	passive	ERG	0.0452	5103	3.0	inHg	0030604-02

C3	2020-03-04	0.52		NE	45	0.1	passive	ERG	0.0515	SAT107	5.0	inHg	0031012-02
C3	2020-03-10	0.09		SW	240	0.6	passive	ERG	0.0515	19298	2.9	inHg	0031836-02
C3	2020-03-16	0.66		E	85	2.8	passive	ERG	0.0515	SAT013	3.2	inHg	0032321-02
C3	2020-03-22	0.21	2	ENE	80	2.9	passive	ERG	0.0515	19641	2.1	inHg	0040115-02
C3	2020-03-28	0.11		WSW	245	1.1	passive	ERG	0.0515	19649	5.3	inHg	0040814-02
C3	2020-04-03	0.29		NW	310	0.6	passive	ERG	0.0515	18831	3.4	inHg	0041001-02
C3	2020-04-09	0.16		WNW	290	3.3	passive	ERG	0.0515	18824	4.9	inHg	0041707-02
C3	2020-04-15	0.40	LK, 2	NW	315	2.9	passive	ERG	0.0515	5145	0.0	inHg	0042218-02
C3	2020-04-21	0.15	2	WNW	285	2.2	passive	ERG	0.0515	19665	3.6	inHg	0050114-02
C3	2020-04-27	0.45		NW	310	2.2	passive	ERG	0.0515	SAT107	3.8	inHg	0050615-02
C3	2020-05-03	0.28	LK	W	270	1.2	passive	ERG	0.0515	5105	5.9	inHg	0051324-02
C3	2020-05-09	0.24		NW	310	2.1	passive	ERG	0.0515	SAT024	3.6	inHg	0051504-04
C3	2020-05-15	0.85		SSE	148	0.3	passive	ERG	0.0515	SAT158	4.1	inHg	0052918-02
C3	2020-05-21	0.15		NE	58	0.5	passive	ERG	0.0515	18836	3.6	inHg	0052918-04
C3	2020-05-27	0.40	LK	E	80	2.6	passive	ERG	0.0515	5015	5.1	inHg	0060508-02
C3	2020-06-02	0.50	LK	SW	238	0.2	passive	ERG	0.0515	5137	5.1	inHg	0061042-02
C3	2020-06-08	0.57	LK	ESE	120	1.1	passive	ERG	0.0515	5115	5.3	inHg	0061731-02
C3	2020-06-14	0.50		ENE	70	1.2	passive	ERG	0.0515	SAT123	4.8	inHg	0061908-02
C3	2020-06-20	1.07		NNW	330	0.8	passive	ERG	0.0515	SAT114	4.9	inHg	0070602-02
C3	2020-06-26	1.04	LK	WNW	285	2.2	passive	ERG	0.0515	5013	5.8	inHg	0070840-02
C3	2020-07-02	0.27	LK, 2	NNW	335	1.2	passive	ERG	0.0515	5141	6.1	inHg	0070928-02
C3	2020-07-08	0.75	LK	NE	45	0.6	passive	ERG	0.0515	5083	5.8	inHg	0071703-03
C3	2020-07-14	0.52		NW	320	0.2	passive	ERG	0.0515	SAT096	4.9	inHg	0072412-02
C3	2020-07-20	1.09	LK, 2	E	80	0.1	passive	ERG	0.0515	SAT026	0.0	inHg	0072725-01
C3	2020-07-26	0.53		W	268	0.05	passive	ERG	0.0515	SAT015	2.9	inHg	0080534-02
C3	2020-08-01	0.35	LK	SW	214	0.5	passive	ERG	0.0515	SAT149	3.1	inHg	0081410-02
C3	2020-08-07	0.38		ENE	60	0.1	passive	ERG	0.0515	SAT100	2.0	inHg	0081325-01
C3	2020-08-13		AF	S	190	0.1	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-19		AF	ESE	108	0.2	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-25		AF	ENE	67	0.3	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-31	0.30	2	W	278	0.1	passive	ERG	0.0515	A21026	0.0	inHg	0090413-02
C3	2020-09-06	0.17		ENE	64	0.2	passive	ERG	0.0515	19298	1.9	inHg	0091631-01
C3	2020-09-12	1.05	LK	E	85	1.8	passive	ERG	0.0515	5124	4.0	inHg	0092335-02
C3	2020-09-18	0.63		NNW	30	0.8	passive	ERG	0.0515	SAT075	1.9	inHg	0093025-02
C3	2020-09-24	0.13	2	E	90	1.6	passive	ERG	0.0515	19657	0.0	inHg	0093025-06
C3	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	18869	1.0	inHg	0100833-02
C3	2020-10-06	1.08	LK	E	85	0.6	passive	ERG	0.0515	5027	2.3	inHg	0101528-02
C3	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible

C3	2020-10-18	0.10	2	ENE	75	2.3	passive	ERG	0.0515	AQL0397	0.0	inHg	0102916-02
C3	2020-10-24	0.26		SSE	165	0.2	passive	ERG	0.0515	114336	2.3	inHg	0103006-02
C3	2020-10-30	0.44	2	NW	310	4.1	passive	ERG	0.0515	A21081	0.0	inHg	0111125-02
C3	2020-11-05	0.41	2, LK	ENE	65	1	passive	ERG	0.0515	SAT150	0.0	inHg	0111824-02
C3	2020-11-11	0.13		E	80	0.2	passive	ERG	0.0515	18880	1.8	inHg	0111824-06
C3	2020-11-17	0.08	2	NW	315	3.4	passive	ERG	0.0515	2767	0.0	inHg	0112513-02
C3	2020-11-23	0.35	2, LK	NW	315	2.3	passive	ERG	0.0515	5089	0.0	inHg	0120411-02
C3	2020-11-29	0.39		E	84	0.7	passive	ERG	0.0515	SAT016	1.1	inHg	0121016-02
C3	2020-12-05	0.36	LK	WNW	290	3.1	passive	ERG	0.0515	5106	1.4	inHg	0121104-02
C3	2020-12-11	0.21	LK	ESE	115	0.2	passive	ERG	0.0515	5072	2.8	inHg	0122326-02
C3	2020-12-17	0.12	2	WNW	295	3.5	passive	ERG	0.0515	35160	0.0	inHg	0123026-02
C3	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110258	1.3	inHg	1010626-02
C3	2020-12-29	0.73		ENE	75	0.8	passive	ERG	0.0515	SAT099	2.3	inHg	1011326-03
C3	2021-01-04	0.11		WNW	295	1.2	passive	ERG	0.0515	18880	1.7	inHg	1011326-07
C3	2021-01-10	0.31	2	ENE	70	0.5	passive	ERG	0.0515	SAT173	0.0	inHg	1012127-02
C3	2021-01-16	0.33	LK	WNW	285	2.3	passive	ERG	0.0515	AZ37	1.6	inHg	1012726-03
C3	2021-01-22	0.70		WNW	300	0.7	passive	ERG	0.0515	SAT013	1.1	inHg	1012903-02
C3	2021-01-28	0.19		NW	315	5.6	passive	ERG	0.0515	44	1.8	inHg	1020519-02
C3	2021-02-03	0.00	ND, U	NW	310	3.6	passive	ERG	0.0472	110258	1.5	inHg	1021208-03
C3	2021-02-09	QA		ENE	65	0.6	passive	ERG	0.0472	SAT097	2.1	inHg	1021908-02
C3	2021-02-09	0.16		ENE	65	0.6	passive	ERG	0.0472	SAT117	3.1	inHg	1021908-01
C3	2021-02-15		BI	E	85	2.4	passive	ERG	0.0472	SAT020	2.5	inHg	1022211-02
C3	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	18876	2.0	inHg	1030510-02
C3	2021-02-27	0.20		ENE	70	1	passive	ERG	0.0472	SAT151	1.3	inHg	1031121-02
C3	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C3	2021-03-11	0.15		S	185	0.6	passive	ERG	0.0472	19279	3.9	inHg	1031639-02
C3	2021-03-17	0.10		E	85	1.5	passive	ERG	0.0472	114344	3.2	inHg	1032432-02
C3	2021-03-23	0.35	LK	E	80	2.3	passive	ERG	0.0472	A21047	2.3	inHg	1040824-01
C3	2021-03-29	0.08		N	0	1.6	passive	ERG	0.0472	19646	2.4	inHg	1041343-05
C3	2021-04-04	2.04	2	WNW	285	0.8	passive	ERG	0.0472	18825	0.0	inHg	1042215-02
C3	2021-04-10	0.12	2	SSE	160	1.1	passive	ERG	0.0472	110258	10.1	inHg	1042215-06
C3	2021-04-16	0.27	LK, 2	NE	45	0.7	passive	ERG	0.0472	SAT157	6.9	inHg	1042933-02
C3	2021-04-22		AA	NNW	345	2	passive	ERG		19650	VOID		1050321-01
C3	2021-04-28	0.11		SSW	205	0.4	passive	ERG	0.0472	110306	4.9	inHg	1050523-02
C3	2021-05-04	0.11		W	265	1.2	passive	ERG	0.0472	110257	4.7	inHg	1051942-02
C3	2021-05-10	0.19		WNW	290	1.3	passive	ERG	0.0472	33534	4.2	inHg	1051942-06
C3	2021-05-16	0.81		SW	225	0.4	passive	ERG	0.0472	A21000	4.2	inHg	1060323-03
C3	2021-05-22	1.95	LK	ENE	70	0.5	passive	ERG	0.0472	SAT088	3.0	inHg	1060323-04

C3	2021-05-28	0.14	LK	WSW	245	1.1	passive	ERG	0.0472	33266	5.1	inHg	1060415-02
C3	2021-06-03	0.19		SW	230	0.4	passive	ERG	0.0472	18831	5.2	inHg	1060924-02
C3	2021-06-15	0.12		NW	310	2.4	passive	ERG	0.0472	19653	4.8	inHg	1070116-03
C3	2021-06-27	0.64	LK	ESE	120	1	passive	ERG	0.0472	A22329	3.4	inHg	1072320-02
C3	2021-07-15	0.23		WNW	290	0.4		ERG	0.0472	18876	8.1	inHg	1072936-03
C3	2021-07-27	0.46		NW	320	0.5		ERG	0.0472	35160	9.1	inHg	1080602-02
C3	2021-08-02	0.12		N	7	0.5		ERG	0.0472	19283	5.9	inHg	1081306-02
C3	2021-08-14	0.23		N	10	0.9		ERG	0.0472	A21074	4.9	inHg	1090127-04
C3	2021-08-26	0.52		ESE	105	0.3		ERG	0.0472	A21058	5.1	inHg	1090318-02
C4	2019-10-03	1.88		WNW	300	0.6	passive	ERG	0.0452	18869	5.1	inHg	9100922-04
C4	2019-10-06	1.65	LK	E	85	2.3	passive	ERG	0.0452	N4088	4.8	inHg	9100922-08
C4	2019-10-12	0.00	U, ND	WNW	290	1	passive	ERG	0.0452	SAT016	2.9	inHg	9101803-03
C4	2019-10-18	0.76		E	85	1.3	passive	ERG	0.0452	SAT106	3.5	inHg	9102507-03
C4	2019-10-24	2.19		ENE	90	1.6	passive	ERG	0.0452	A21036	4.1	inHg	9103069-05
C4	2019-10-27	0.19		WNW	290	2	passive	ERG	0.0452	A21077	5.1	inHg	9103069-06
C4	2019-10-30	0.33		SE	130	1.2	passive	ERG	0.0452	18833	4.9	inHg	9110118-04
C4	2019-10-30	QA	2	SE	130	1.2	passive	ERG	0.0452	18865	7.0	inHg	9110118-05
C4	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	19642	2.0	inHg	9110553-04
C4	2019-11-03	0.18		NW	320	0.6	passive	ERG	0.0452	A21101	2.6	inHg	9110635-03
C4	2019-11-05	0.18		NNE	30	0.6	passive	ERG	0.0452	SAT074	3.0	inHg	9110810-03
C4	2019-11-08	0.16		NNW	330	1.9	passive	ERG	0.0452	SAT138	3.9	inHg	9111412-04
C4	2019-11-13		AR	E	90	2	passive	ERG		SAT039	0.0	inHg	9111509-04
C4	2019-11-15	0.15	2	NE	50	1.3	passive	ERG	0.0452	18877	0.0	inHg	9112026-04
C4	2019-11-20	1.00		NNW	315	1	passive	ERG	0.0452	SAT091	3.4	inHg	9112711-05
C4	2019-11-23	0.48	2	W	285	1.5	passive	ERG	0.0452	19649	12.2	inHg	9112711-06
C4	2019-11-29		AN	ENE	75	0.1	passive	ERG		5079	29.3	inHg	9120610-03
C4	2019-11-29		AN	ENE	75	0.1	passive			SAT039			9120610-03
C4	2019-11-29		AN	ENE	75	0.1	passive	ERG		5079	VOID		9120610-03-REVIEW
C4	2019-12-05	0.91	LK, 2	NW	315	0.9	passive	ERG	0.0452	SAT089	0.0	inHg	9121207-05
C4	2019-12-08	0.55	2	E	90	3.3	passive	ERG	0.0452	SAT039	0.0	inHg	9121207-06
C4	2019-12-11	0.31	2	NNW	335	2.7	passive	ERG	0.0452	A21039	0.0	inHg	9121841-03
C4	2019-12-11	QA	2	NNW	335	2.7	passive	ERG	0.0452	A21055	0.0	inHg	9121841-04
C4	2019-12-14	0.20	LK, 2	WNW	290	2.3	passive	ERG	0.0452	5137	0.0	inHg	9121841-08
C4	2019-12-17	0.19	LK, 2	WNW	300	3.4	passive	ERG	0.0452	SAT012	0.0	inHg	9122019-03
C4	2019-12-19	0.28	2	NNE	45	0.8	passive	ERG	0.0452	SAT166	0.0	inHg	0010322-03
C4	2019-12-23		AN	ENE	70	5.1	passive	ERG		A21076	0.0	inHg	0010322-07
C4	2019-12-31	0.13	2	W	275	2.9	passive	ERG	0.0452	SAT170	0.0	inHg	0010717-03
C4	2020-01-04	0.25	2	WNW	290	4.3	passive	ERG	0.0452	A21005	0.0	inHg	0010907-03



C4	2020-01-07	0.18		2, LK	WNW	285	2.8	passive	ERG	0.0452	SAT018	0.0	inHg	0011423-02
C4	2020-01-10	0.66			E	80	2.4	passive	ERG	0.0452	SAT011	2.1	inHg	0011423-06
C4	2020-01-14		AF		NW	320	0.3	passive	ERG		18822	25.1	inHg	0011705-03
C4	2020-01-16		AF		NW	320	2.8	passive	ERG		18832	VOID		0012927-03
C4	2020-01-19	0.33		2, LK	NW	310	4.9	passive	ERG	0.0452	A21067	0.0	inHg	0012317-03
C4	2020-01-22	QA	1.01	2	ENE	75	1.7	passive	ERG	0.0452	SAT020	0.0	inHg	0012927-08
C4	2020-01-22		0.78	2	ENE	75	1.7	passive	ERG	0.0452	19656	6.8	inHg	0012927-07
C4	2020-01-25			AA	WNW	290	2.6	passive	ERG	0.0452	18879	6.9	inHg	0013117-02
C4	2020-01-28	0.55		2	NW	315	1.3	passive	ERG	0.0452	SAT081	7.8	inHg	0020524-03
C4	2020-01-30	0.61		2	ENE	75	1.5	passive	ERG	0.0452	A21102	8.4	inHg	0020524-06
C4	2020-02-03	0.17		2	WSW	245	0.6	passive	ERG	0.0452	33535	8.2	inHg	0021311-03
C4	2020-02-09	0.97		2	E	80	1.3	passive	ERG	0.0452	SAT140	6.2	inHg	0021921-03
C4	2020-02-15	0.85		LK, 2	E	92	0.4	passive	ERG	0.0452	5089	0.0	inHg	0022425-03
C4	2020-02-15	QA	0.82		E	92	0.4	passive	ERG	0.0452	SAT036	2.0	inHg	0022108-01
C4	2020-02-21	0.71		LK, 2	NE	45	0.5	passive	ERG	0.0452	5101	0.0	inHg	0022816-03
C4	2020-02-27	0.16		2, LK	NW	315	3.8	passive	ERG	0.0452	A21036	7.8	inHg	0030604-03
C4	2020-03-04	0.65		LK, 2	NE	45	0.1	passive	ERG	0.0515	5006	9.6	inHg	0031012-03
C4	2020-03-10	0.38		LK, 2	SW	240	1.4	passive	ERG	0.0515	SAT035	7.8	inHg	0031836-03
C4	2020-03-16	1.04		2	ENE	85	6.1	passive	ERG	0.0515	A21103	7.8	inHg	0032321-03
C4	2020-03-22	1.02		LK, 2	ENE	80	2.8	passive	ERG	0.0515	5114	8.1	inHg	0040115-03
C4	2020-03-22	QA	0.79		ENE	80	2.8	passive	ERG	0.0515	A22330	1.2	inHg	0040115-04
C4	2020-03-28	0.44		2	WSW	245	1.1	passive	ERG	0.0515	SAT155	9.8	inHg	0040814-05
C4	2020-04-03	0.17		2	NW	310	0.6	passive	ERG	0.0515	19279	8.2	inHg	0041001-03
C4	2020-04-09	0.56		2	WNW	290	3.3	passive	ERG	0.0515	SAT114	9.5	inHg	0041707-03
C4	2020-04-09	QA	0.33		WNW	290	3.3	passive	ERG	0.0515	SAT144	3.6	inHg	0041707-04
C4	2020-04-15	0.29		2	NW	315	2.9	passive	ERG	0.0515	SAT089	7.8	inHg	0042218-03
C4	2020-04-21	0.68		2	WNW	285	2.2	passive	ERG	0.0515	A21067	8.1	inHg	0050114-03
C4	2020-04-21	QA	0.44	2	WNW	285	2.2	passive	ERG	0.0515	49	1.6	inHg	0050114-04
C4	2020-04-27	0.09		6, 2	NW	310	2.2	passive	ERG	0.0515	19648	8.2	inHg	0050615-03
C4	2020-05-03			AA	W	270	1.2	passive	ERG	0.0515	19663	9.7	inHg	0051324-03
C4	2020-05-09	QA	0.71	2	NW	310	2.1	passive	ERG	0.0515	A22304	0.0	inHg	0051504-05
C4	2020-05-09			AA	NW	310	2.1	passive	ERG	0.0515	A21069	VOID		0051504-02
C4	2020-05-15			AA	SSE	148	0.3	passive	ERG	0.0515	18828	8.7	inHg	0052848-02
C4	2020-05-21			AN	NE	58	0.5	passive	ERG		SAT009	19.8	inHg	0052918-05
C4	2020-05-27	0.26		2	E	80	2.6	passive	ERG	0.0515	19340	8.9	inHg	0060508-03
C4	2020-06-02	0.89		2	SW	238	0.2	passive	ERG	0.0515	SAT127	8.8	inHg	0061042-03
C4	2020-06-08	QA	0.35	2	ESE	120	1.1	passive	ERG	0.0515	SAT171	7.9	inHg	0061731-04
C4	2020-06-08		0.20	2	ESE	120	1.1	passive	ERG	0.0515	18872	9.2	inHg	0061731-03

C4	2020-06-14	0.87	2	ENE	70	1.2	passive	ERG	0.0515	SAT012	9.0	inHg	0061908-03
C4	2020-06-20	0.73	2	NNW	330	0.8	passive	ERG	0.0515	35131	9.0	inHg	0070602-03
C4	2020-06-26	0.35	LK, 2	WNW	285	2.2	passive	ERG	0.0515	5094	9.9	inHg	0070840-03
C4	2020-07-02	0.24	2	NNW	335	1.2	passive	ERG	0.0515	18833	9.5	inHg	0070928-03
C4	2020-07-08	1.44	2	NE	45	0.6	passive	ERG	0.0515	SAT170	9.1	inHg	0071703-02
C4	2020-07-08	QA	2	NE	45	0.6	passive	ERG	0.0515	19645	7.0	inHg	0071703-05
C4	2020-07-14	0.21	2	NW	320	0.2	passive	ERG	0.0515	19646	8.9	inHg	0072412-03
C4	2020-07-20	0.39	2	E	80	0.1	passive	ERG	0.0515	33314	0.0	inHg	0072412-06
C4	2020-07-26	1.51		W	268	0.05	passive	ERG	0.0515	A21086	2.0	inHg	0080534-03
C4	2020-08-01	0.99	LK	SW	214	0.5	passive	ERG	0.0515	5009	5.4	inHg	0081410-03
C4	2020-08-07	0.64	D-F	ENE	60	0.1	passive	ERG	0.0515	SAT004	3.9	inHg	0081410-06
C4	2020-08-07	QA	D-F	ENE	60	0.1	passive	ERG	0.0515	19641	3.1	inHg	0081325-02
C4	2020-08-13	0.17		S	190	0.1	passive	ERG	0.0515	33236	4.0	inHg	0082118-01
C4	2020-08-19		AN	ESE	108	0.2	passive	ERG		SAT181	29.7	inHg	0082742-01
C4	2020-08-25	0.55	LK	ENE	67	0.3	passive	ERG	0.0515	5045	4.1	inHg	0090239-01
C4	2020-08-31	0.51		W	278	0.1	passive	ERG	0.0515	A22328	3.9	inHg	0090413-03
C4	2020-09-06	0.71	2	ENE	64	0.2	passive	ERG	0.0515	A21106	0.0	inHg	0091631-02
C4	2020-09-12	QA	D-F, LK	E	85	1.8	passive	ERG	0.0515	SAT150	2.6	inHg	0092335-05
C4	2020-09-12	0.99	LK, D-F	E	85	1.8	passive	ERG	0.0515	5079	5.9	inHg	0092335-03
C4	2020-09-18	0.26		NNW	30	0.8	passive	ERG	0.0515	A21039	3.9	inHg	0093025-03
C4	2020-09-24	0.20		E	90	1.6	passive	ERG	0.0515	A21074	3.2	inHg	0093025-07
C4	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	2527	2.9	inHg	0100833-03
C4	2020-10-06	0.76	LK	E	85	0.6	passive	ERG	0.0515	5065	3.9	inHg	0101528-03
C4	2020-10-12	0.18		WNW	285	0.6	passive	ERG	0.0515	19648	3.0	inHg	0101605-01
C4	2020-10-18	0.28		ENE	75	2.3	passive	ERG	0.0515	114322	2.0	inHg	0102916-03
C4	2020-10-24	QA	D-F	SSE	165	0.2	passive	ERG	0.0515	114386	5.8	inHg	0103006-04
C4	2020-10-24	0.66	D-F	SSE	165	0.2	passive	ERG	0.0515	19298	3.5	inHg	0103006-03
C4	2020-10-30	0.20		NW	310	4.1	passive	ERG	0.0515	A21080	1.6	inHg	0111125-03
C4	2020-11-05	0.83	LK	ENE	65	1	passive	ERG	0.0515	SAT088	1.9	inHg	0111824-03
C4	2020-11-11	0.29		E	80	0.2	passive	ERG	0.0515	18864	3.2	inHg	0111824-07
C4	2020-11-17	0.30	2	NW	315	3.4	passive	ERG	0.0515	A21099	0.0	inHg	0112513-03
C4	2020-11-17	QA		NW	315	3.4	passive	ERG	0.0515	35156	3.8	inHg	0112513-05
C4	2020-11-23	0.20	LK	NW	315	2.3	passive	ERG	0.0515	5085	2.6	inHg	0120411-03
C4	2020-11-29	0.45	LK	E	84	0.7	passive	ERG	0.0515	5136	3.9	inHg	0121016-03
C4	2020-12-05	0.25	2, LK	WNW	290	3.1	passive	ERG	0.0515	5051	0.0	inHg	0121104-03
C4	2020-12-11		AN	ESE	115	0.2	passive	ERG		19295	19.5	inHg	0122326-03
C4	2020-12-17	QA	2	WNW	295	3.5	passive	ERG	0.0515	111217	2.9	inHg	0123026-04
C4	2020-12-17	0.06	2	WNW	295	3.5	passive	ERG	0.0515	19291	0.0	inHg	0123026-03

C4	2020-12-23			AA		E	92	1.7	passive	ERG	0.0515	110335	VOID		1010626-03
C4	2020-12-29			AF		ENE	75	0.8	passive	ERG		110342	29.2	inHg	1011326-04
C4	2021-01-04		0.08			WNW	295	1.2	passive	ERG	0.0515	33232	3.8	inHg	1011326-08
C4	2021-01-10	QA	0.05			ENE	70	0.5	passive	ERG	0.0515	18882	4.2	inHg	1012127-04
C4	2021-01-10			BI		ENE	70	0.5	passive	ERG		SAT181	VOID		1012127-03
C4	2021-01-16		0.28			WNW	285	2.3	passive	ERG	0.0515	SAT177	3.0	inHg	1012726-02
C4	2021-01-22		0.63			WNW	300	0.7	passive	ERG	0.0515	SAT012	3.1	inHg	1012903-03
C4	2021-01-28			AA	LK	NW	315	5.6	passive	ERG	0.0515	5110	VOID		1020519-03
C4	2021-02-03			AA		NW	310	3.6	passive	ERG	0.0472	111219	VOID		1021208-04
C4	2021-02-09		0.14			ENE	65	0.6	passive	ERG	0.0472	110306	6.0	inHg	1021908-03
C4	2021-02-15		0.58		D-F, LK	E	85	2.4	passive	ERG	0.0472	SAT073	5.1	inHg	1022211-03
C4	2021-02-15	QA	0.33		D-F, LK	E	85	2.4	passive	ERG	0.0472	A21086	1.9	inHg	1022211-04
C4	2021-02-21		0.40			ESE	105	2.1	passive	ERG	0.0472	A21078	4.5	inHg	1030510-03
C4	2021-02-27		0.21			ENE	70	1	passive	ERG	0.0472	18831	4.1	inHg	1031121-03
C4	2021-03-05			AF		NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C4	2021-03-11		0.73		LK	S	185	0.6	passive	ERG	0.0472	SAT127	4.7	inHg	1031639-03
C4	2021-03-17		0.20			E	85	1.5	passive	ERG	0.0472	114386	5.9	inHg	1032432-03
C4	2021-03-23		0.35			E	80	2.3	passive	ERG	0.0472	A21013	5.1	inHg	1040729-02
C4	2021-03-23	QA	0.23		2	E	80	2.3	passive	ERG	0.0472	110257	7.1	inHg	1040824-02
C4	2021-03-29		0.14			N	0	1.6	passive	ERG	0.0472	19283	4.8	inHg	1041343-02
C4	2021-04-04		0.32		LK	WNW	285	0.8	passive	ERG	0.0472	SAT174	4.0	inHg	1042215-03
C4	2021-04-10		0.25		2	SSE	160	1.1	passive	ERG	0.0472	110305	6.2	inHg	1042215-07
C4	2021-04-16		0.09			NE	45	0.7	passive	ERG	0.0472	110252	4.9	inHg	1042933-03
C4	2021-04-22	QA	0.38			NNW	345	2	passive	ERG	0.0472	2767	3.2	inHg	1050321-02
C4	2021-04-22		0.15			NNW	345	2	passive	ERG	0.0472	A21022	3.3	inHg	1043022-02
C4	2021-04-28		0.28			SSW	205	0.4	passive	ERG	0.0472	33516	4.5	inHg	1050523-03
C4	2021-05-04		0.61			W	265	1.2	passive	ERG	0.0472	49	5.2	inHg	1051942-03
C4	2021-05-10		0.10		2	WNW	290	1.3	passive	ERG	0.0472	33532	1.00	inHg	1051942-07
C4	2021-05-16		0.29		2	SW	225	0.4	passive	ERG	0.0472	19300	6.7	inHg	1060323-05
C4	2021-05-22		2.13		LK	ENE	70	0.5	passive	ERG	0.0472	A21091	6.0	inHg	1060323-06
C4	2021-05-28		0.17		2	WSW	245	1.1	passive	ERG	0.0472	33314	6.1	inHg	1060415-03
C4	2021-05-28	QA	0.09		2	WSW	245	1.1	passive	ERG	0.0472	19291	7.7	inHg	1060746-01
C4	2021-06-03		0.29			SW	230	0.4	passive	ERG	0.0472	19666	4.9	inHg	1060834-01
C4	2021-06-15		0.29			NW	310	2.4	passive	ERG	0.0472	33531	8	inHg	1070116-04
C4	2021-06-27		0.10			ESE	120	1	passive	ERG	0.0472	18873	5	inHg	1072320-03
C4	2021-09-07		0.12			ENE	62	0.8		ERG	0.0472	114340	6	inHg	1091621-03
C4	2021-09-19		0.40		LK	E	85	0.2		ERG	0.0472	33534	9.3	inHg	1100728-01
C5	2019-10-30		0.36		LK, 2	SE	130	1.2	passive	ERG	0.0452	A21082	2.0	inHg	9110118-06

C5	2019-11-01	0.09	LK, 2	NW	320	1.9	passive	ERG	0.0452	19650	0.0	inHg	9110553-05
C5	2019-11-03	0.22		NW	320	0.6	passive	ERG	0.0452	A21045	1.1	inHg	9110635-04
C5	2019-11-05	0.09		NNE	30	0.6	passive	ERG	0.0452	18822	1.9	inHg	9110810-04
C5	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	19643	2.2	inHg	9111412-05
C5	2019-11-13	0.18		E	90	2	passive	ERG	0.0452	19276	0.5	inHg	9111509-03
C5	2019-11-15		AF	NE	50	1.3	passive	ERG		5072	VOID		9112026-05
C5	2019-11-20	0.81		NNW	315	1	passive	ERG	0.0452	19652	0.1	inHg	9112711-07
C5	2019-11-20	QA		NNW	315	1	passive	ERG	0.0452	18875	3.9	inHg	9112711-09
C5	2019-11-23	0.12	2	W	285	1.5	passive	ERG	0.0452	19666	6.6	inHg	9112711-08
C5	2019-11-29	0.14	LK, 2	ENE	75	0.1	passive	ERG	0.0452	18832	6.2	inHg	9120610-04
C5	2019-12-05	0.61		NW	315	0.9	passive	ERG	0.0452	2527	4.0	inHg	9121207-07
C5	2019-12-08	0.11	LK	E	90	3.3	passive	ERG	0.0452	19298	6.0	inHg	9121207-08
C5	2019-12-11	0.21	LK, 2	NNW	335	2.7	passive	ERG	0.0452	A21072	0.0	inHg	9121841-05
C5	2019-12-14	0.14	LK	WNW	290	2.3	passive	ERG	0.0452	A21101	5.1	inHg	9121841-09
C5	2019-12-17	0.35	LK, 2	WNW	300	3.4	passive	ERG	0.0452	5114	7.1	inHg	9122019-04
C5	2019-12-19	0.42	LK, 2	NNE	45	0.8	passive	ERG	0.0452	5127	0.0	inHg	0010322-04
C5	2019-12-23		AN	ENE	70	5.1	passive	ERG		5126	VOID		0010322-08
C5	2019-12-31	0.14	LK	W	275	2.9	passive	ERG	0.0452	5062	1.0	inHg	0010717-04
C5	2020-01-04		AN	WNW	290	4.3	passive	ERG		SAT155	18.3	inHg	0010907-04
C5	2020-01-07	0.22	2, LK	WNW	285	2.8	passive	ERG	0.0452	A21073	0.0	inHg	0011423-03
C5	2020-01-10	0.26	LK	E	80	2.4	passive	ERG	0.0452	SAT118	1.6	inHg	0011423-07
C5	2020-01-14		AF	NW	320	0.3	passive	ERG		SAT060	25.0	inHg	0011705-04
C5	2020-01-16		AF	NW	320	2.8	passive	ERG		5089	VOID		0012927-04
C5	2020-01-19	0.56	LK	NW	310	4.9	passive	ERG	0.0452	5059	1.2	inHg	0012317-04
C5	2020-01-22	0.28	2	ENE	75	1.7	passive	ERG	0.0452	19282	0.0	inHg	0012927-09
C5	2020-01-25	0.18	2	WNW	290	2.6	passive	ERG	0.0452	19641	0.0	inHg	0013008-02
C5	2020-01-28	0.77		NW	315	1.3	passive	ERG	0.0452	SAT097	4.3	inHg	0020524-04
C5	2020-01-30	0.36	LK	ENE	75	1.5	passive	ERG	0.0452	5117	5.2	inHg	0020524-07
C5	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	SAT120	5.2	inHg	0021311-04
C5	2020-02-09	0.14	2	E	80	1.3	passive	ERG	0.0452	19644	0.0	inHg	0021921-04
C5	2020-02-15	0.72	2	E	92	0.4	passive	ERG	0.0452	A21105	0.0	inHg	0022425-04
C5	2020-02-21	1.13	2	NE	45	0.5	passive	ERG	0.0452	19662	0.0	inHg	0022816-04
C5	2020-02-27	0.21	2, LK	NW	315	3.8	passive	ERG	0.0452	SAT099	0.0	inHg	0030604-04
C5	2020-03-04	0.32	LK	NE	45	0.1	passive	ERG	0.0515	A21044	4.2	inHg	0031012-04
C5	2020-03-10	0.63	LK	SW	240	1.4	passive	ERG	0.0515	AZ40	3.0	inHg	0031836-04
C5	2020-03-16	0.14	2	E	85	6.1	passive	ERG	0.0515	A21010	0.0	inHg	0032321-04
C5	2020-03-22	0.35		ENE	80	2.8	passive	ERG	0.0515	18880	2.2	inHg	0040115-05
C5	2020-03-28	0.38		WSW	245	1.1	passive	ERG	0.0515	A21081	5.1	inHg	0040814-01

C5	2020-04-03	0.39		NW	310	0.6	passive	ERG	0.0515	19657	3.7	inHg	0041001-04
C5	2020-04-09	0.57	2	WNW	290	3.3	passive	ERG	0.0515	SAT061	4.8	inHg	0041707-05
C5	2020-04-15	0.34		NW	315	2.9	passive	ERG	0.0515	19662	3.1	inHg	0042218-04
C5	2020-04-21	0.70	LK, 2	WNW	285	2.2	passive	ERG	0.0515	SAT164	3.2	inHg	0050114-05
C5	2020-04-27	0.35	2	NW	310	2.2	passive	ERG	0.0515	A21005	4.7	inHg	0050615-04
C5	2020-05-03	0.36		W	270	1.2	passive	ERG	0.0515	SAT117	4.8	inHg	0051324-04
C5	2020-05-09	0.82		NW	310	2.1	passive	ERG	0.0515	SAT185	3.2	inHg	0051504-03
C5	2020-05-15	0.30		SSE	148	0.3	passive	ERG	0.0515	53	3.9	inHg	0052848-03
C5	2020-05-21	0.70		NE	85	0.5	passive	ERG	0.0515	SAT169	2.9	inHg	0052918-06
C5	2020-05-27	0.54		E	80	2.6	passive	ERG	0.0515	SAT057	4.1	inHg	0060508-04
C5	2020-06-02	0.57	LK	SW	238	0.2	passive	ERG	0.0515	5042	5.1	inHg	0061042-04
C5	2020-06-08	0.14		ESE	120	1.1	passive	ERG	0.0515	33275	4.8	inHg	0061731-05
C5	2020-06-14	0.62		ENE	70	1.2	passive	ERG	0.0515	SAT092	4.5	inHg	0061908-04
C5	2020-06-20	0.51		NNW	330	0.8	passive	ERG	0.0515	19654	4.7	inHg	0070602-04
C5	2020-06-26	1.23	LK	WNW	285	2.2	passive	ERG	0.0515	5048	5.2	inHg	0070840-04
C5	2020-07-02	0.65		NNW	335	1.2	passive	ERG	0.0515	SAT033	5.2	inHg	0070928-04
C5	2020-07-08	1.13	LK	NE	45	0.6	passive	ERG	0.0515	5130	5.1	inHg	0071703-04
C5	2020-07-14	0.54		NW	320	0.2	passive	ERG	0.0515	SAT087	4.8	inHg	0072412-04
C5	2020-07-20	0.34	2	E	80	0.1	passive	ERG	0.0515	35134	0.0	inHg	0072412-07
C5	2020-07-26	0.64		W	268	0.05	passive	ERG	0.0515	A21022	2.9	inHg	0080618-01
C5	2020-08-01	1.21		SW	214	0.5	passive	ERG	0.0515	SAT038	2.9	inHg	0081410-04
C5	2020-08-07	1.18		ENE	60	0.1	passive	ERG	0.0515	SAT042	2.1	inHg	0081410-07
C5	2020-08-13		AF	S	190	0.1	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-19		AF	ESE	108	0.2	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-25		AF	ENE	67	0.3	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-31	0.19		W	278	0.1	passive	ERG	0.0515	18837	2.1	inHg	0090413-04
C5	2020-09-06	0.26		ENE	64	0.2	passive	ERG	0.0515	A21103	2.4	inHg	0092126-01
C5	2020-09-12	0.59	LK	E	85	1.8	passive	ERG	0.0515	5050	4.9	inHg	0092335-04
C5	2020-09-18	1.18		NNW	30	0.8	passive	ERG	0.0515	SAT002	2.9	inHg	0093025-04
C5	2020-09-24	0.45		E	90	1.6	passive	ERG	0.0515	SAT003	1.9	inHg	0093025-08
C5	2020-09-30	0.40	LK	WNW	300	1	passive	ERG	0.0515	AZ50	1.5	inHg	0100833-04
C5	2020-10-06	0.28	LK	E	85	0.6	passive	ERG	0.0515	5044	3.1	inHg	0101528-04
C5	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-10-18	0.15	2	ENE	75	2.3	passive	ERG	0.0515	110308	0.0	inHg	0102916-04
C5	2020-10-24	0.33		SSE	165	0.2	passive	ERG	0.0515	110306	2.9	inHg	0111210-01
C5	2020-10-30	0.39	LK	NW	310	4.1	passive	ERG	0.0515	SAT159	1.1	inHg	0111125-04
C5	2020-11-05	0.48	LK	ENE	65	1	passive	ERG	0.0515	AZ52	1.5	inHg	0111824-04
C5	2020-11-11	0.67		E	80	0.2	passive	ERG	0.0515	SAT005	2.2	inHg	0111824-08

C5	2020-11-17	0.10		NW	315	3.4	passive	ERG	0.0515	19663	1.0	inHg	0112513-04
C5	2020-11-23	0.20		NW	315	2.3	passive	ERG	0.0515	SAT179	1.3	inHg	0120411-04
C5	2020-11-29	0.43	LK	E	84	0.7	passive	ERG	0.0515	5064	2.9	inHg	0121016-04
C5	2020-12-05	0.07		WNW	290	3.1	passive	ERG	0.0515	19667	1.5	inHg	0121104-04
C5	2020-12-11	0.18		ESE	115	0.2	passive	ERG	0.0515	A21011	2.8	inHg	0122326-04
C5	2020-12-17	0.08	2	WNW	295	3.5	passive	ERG	0.0515	110308	0.0	inHg	0123026-05
C5	2020-12-23	0.12	2	E	92	1.7	passive	ERG	0.0515	111219	0.0	inHg	1010626-04
C5	2020-12-29	0.25	2	ENE	75	0.8	passive	ERG	0.0515	110306	6.4	inHg	1011326-05
C5	2021-01-04	0.28	2	WNW	295	1.2	passive	ERG	0.0515	A21076	0.0	inHg	1011326-09
C5	2021-01-10	0.23	2	ENE	70	0.5	passive	ERG	0.0515	SAT067	0.0	inHg	1012127-05
C5	2021-01-16	0.04	VB, U	WNW	285	2.3	passive	ERG	0.0515	33266	1.2	inHg	1012726-04
C5	2021-01-22	0.41		WNW	300	0.7	passive	ERG	0.0515	SAT003	1.1	inHg	1012903-04
C5	2021-01-28	0.30	LK	NW	315	5.6	passive	ERG	0.0515	5125	1.9	inHg	1020519-04
C5	2021-02-03	0.08		NW	310	3.6	passive	ERG	0.0472	114366	1.0	inHg	1021208-05
C5	2021-02-09	0.27		ENE	65	0.6	passive	ERG	0.0472	110257	3.2	inHg	1021908-04
C5	2021-02-15	0.00	ND, U	E	85	2.4	passive	ERG	0.0472	19293	2.3	inHg	1022211-05
C5	2021-02-21	QA	0.18	ESE	105	2.1	passive	ERG	0.0472	SAT118	1.2	inHg	1030510-05
C5	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	19657	2.0	inHg	1030510-04
C5	2021-02-27	0.00	ND, U	ENE	70	1	passive	ERG	0.0472	19284	1.2	inHg	1031029-01
C5	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C5	2021-03-11	0.12		S	185	0.6	passive	ERG	0.0472	A21039	1.7	inHg	1031639-04
C5	2021-03-17	0.08		E	85	1.5	passive	ERG	0.0472	111217	2.9	inHg	1032432-04
C5	2021-03-23	0.41	LK	E	80	2.3	passive	ERG	0.0472	SAT018	2.0	inHg	1040824-03
C5	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21025	VOID		1041343-04
C5	2021-04-04	0.48	2, LK	WNW	285	0.8	passive	ERG	0.0472	SAT067	0.0	inHg	1042215-04
C5	2021-04-10	0.38	2	SSE	160	1.1	passive	ERG	0.0472	A21101	0.0	inHg	1042215-08
C5	2021-04-16	0.09	2	NE	45	0.7	passive	ERG	0.0472	110314	0.0	inHg	1042933-04
C5	2021-04-22	0.10	2	NNW	345	2	passive	ERG	0.0472	18830	6.9	inHg	1050321-03
C5	2021-04-28	0.08	2	SSW	205	0.4	passive	ERG	0.0472	111211	0.0	inHg	1050523-04
C5	2021-05-04	0.49		W	265	1.2	passive	ERG	0.0472	A21099	4.0	inHg	1051942-04
C5	2021-05-10	0.18		WNW	290	1.3	passive	ERG	0.0472	A21025	3.8	inHg	1051942-08
C5	2021-05-16	0.12		SW	225	0.4	passive	ERG	0.0472	19287	3.9	inHg	1060323-07
C5	2021-05-22	0.83		ENE	70	0.5	passive	ERG	0.0472	A21095	2.9	inHg	1060323-08
C5	2021-05-28	1.39		WSW	245	1.1	passive	ERG	0.0472	18828	4.0	inHg	1060415-04
C5	2021-06-03	0.09		SW	230	0.4	passive	ERG	0.0472	33275	4.2	inHg	1060924-03
C5	2021-06-15	0.14		NW	310	2.4	passive	ERG	0.0472	114322	5.2	inHg	1070116-05
C5	2021-06-27	0.38		ESE	120	1	passive	ERG	0.0472	A21054	4.9	inHg	1072320-04
C5	2021-07-15	0.14		WNW	290	0.4		ERG	0.0472	114340	5.2	inHg	1072936-04

C5	2021-07-27	0.21		NW	320	0.5		ERG	0.0472	18832	5.8	inHg	1080602-03
C7	2019-10-30	0.16		SE	130	1.2	passive	ERG	0.0452	18834	5.0	inHg	9110118-07
C7	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	18879	1.5	inHg	9110553-06
C7	2019-11-03	0.35	LK	NW	320	0.6	passive	ERG	0.0452	5086	3.0	inHg	9110635-05
C7	2019-11-05	0.20		NNE	30	0.6	passive	ERG	0.0452	SAT071	3.1	inHg	9110810-05
C7	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	SAT106	3.2	inHg	9111412-06
C7	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
C7	2019-11-15	0.12		NE	50	1.3	passive	ERG	0.0452	18821	2.0	inHg	9112026-06
C7	2020-02-27	0.28	LK	NW	315	3.8	passive	ERG	0.0452	5146	1.6	inHg	0030604-05
C7	2020-03-28	0.60	2	WSW	245	1.1	passive	ERG	0.0515	SAT185	4.2	inHg	0040814-04
C7	2020-04-27	0.87	2	NW	310	2.2	passive	ERG	0.0515	SAT157	2.0	inHg	0050615-05
C7	2020-05-27	0.37		E	80	2.6	passive	ERG	0.0515	SAT100	2.5	inHg	0060508-05
C7	2020-06-20	1.67	2	NNW	330	0.8	passive	ERG	0.0515	SAT165	6.8	inHg	0070602-05
C7	2020-07-20	1.03	LK, 2	E	80	0.1	passive	ERG	0.0515	5010	0.0	inHg	0072412-08
C7	2020-08-19		AF	ESE	108	0.2	passive					Did Not Collect	No sample ID possible
C7	2020-09-24	0.41	LK	E	90	1.6	passive	ERG	0.0515	5051	1.0	inHg	0093025-09
C7	2020-10-30	0.59	LK	NW	310	4.1	passive	ERG	0.0515	5081	5.1	inHg	0111125-05
C7	2020-11-23		AN	NW	315	2.3	passive	ERG		AZ50		VOID	0120411-05
C7	2020-12-23	0.09		E	92	1.7	passive	ERG	0.0515	114336	3.8	inHg	1010525-01
C7	2021-01-28	1.37		NW	315	5.6	passive	ERG	0.0515	SAT166	2.0	inHg	1020519-05
C7	2021-02-27	0.08	2	ENE	70	1	passive	ERG	0.0472	33533	0.5	inHg	1031121-04
C7	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21058	0.0	inHg	1041343-01
C7	2021-04-28	0.71		SSW	205	0.4	passive	ERG	0.0472	SAT043	6	inHg	1050523-05
C7	2021-05-22	0.93	LK, 2	ENE	70	0.5	passive	ERG	0.0472	A21067	6.8	inHg	1060323-09
C7	2021-06-27	0.21		ESE	120	1.0	passive	ERG	0.0472	35136	6.9	inHg	1072221-01
C7	2021-07-27	0.22		NW	320	0.5		ERG	0.0472	19642	11.1	inHg	1080602-04
C7	2021-08-26	1.01		ESE	105	0.3		ERG	0.0472	A21105	9.8	inHg	1090318-03
C7	2021-09-19	0.33		E	85	0.2		ERG	0.0472	18810	5.8	inHg	1100728-02
C7	2021-10-13	0.15		E	99	0.1		EPD	0.0288	110328	4.9	inHg	AK87856
C8	2019-10-30	0.22	2	SE	130	1.2	passive	ERG	0.0452	SAT081	7.0	inHg	9110118-08
C8	2019-11-01	0.10	U	NW	320	1.9	passive	ERG	0.0452	SAT100	5.0	inHg	9110553-07
C8	2019-11-03	0.22	LK, 2	NW	320	0.6	passive	ERG	0.0452	SAT059	3.1	inHg	9110635-06
C8	2019-11-05	0.22	LK, 2	NNE	30	0.6	passive	ERG	0.0452	5089	7.1	inHg	9110810-06
C8	2019-11-08	0.08	2	NNW	330	1.9	passive	ERG	0.0452	19284	6.7	inHg	9111412-07
C8	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
C8	2019-11-15	0.08		NE	50	1.3	passive	ERG	0.0452	19288	5.8	inHg	9112026-07
C9	2019-10-30	0.24		SE	130	1.2	passive	ERG	0.0452	19651	3.5	inHg	9110118-09
C9	2019-11-01		AF	NW	320	1.9	passive	ERG		SAT145	29.8	inHg	9110553-08

C9	2019-11-03	0.26	LK	NW	320	0.6	passive	ERG	0.0452	5034	2.1	inHg	9110635-07
C9	2019-11-05	0.18		NNE	30	0.6	passive	ERG	0.0452	SAT152	2.5	inHg	9110810-07
C9	2019-11-08	0.06		NNW	330	1.9	passive	ERG	0.0452	19641	3.0	inHg	9111412-08
C9	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
C9	2019-11-15	0.44	LK	NE	50	1.3	passive	ERG	0.0452	SAT159	1.8	inHg	9112026-08
Cobb FB	2020-01-23	0.00	U, ND	ENE	78	2.2	Field Blank	ERG	0.0452	9570	Field Blank		0013118-01
Cobb FB	2020-02-21	0.00	U, ND	NW	321	2.7	Field Blank	ERG	0.0452	53	Field Blank		0030235-05
Cobb FB	2020-03-25	0.00	U, ND				Field Blank	ERG	0.0515	A21074	Field Blank		0040116-01
Cobb FB	2020-04-24	0.00	U, ND				Field Blank	ERG	0.0515	9570	Field Blank		0050113-06
Cobb FB	2020-05-26	0.00	U, ND				Field Blank	ERG		SAT081	Field Blank		0052917-01
Cobb FB	2020-06-23	0.00	ND, U				Field Blank	ERG	0.0515	33506	Field Blank		0062611-07
Cobb FB	2020-07-22	0.03	U				Field Blank	ERG	0.0515	SAT025	Field Blank		0072930-07
Cobb FB	2020-09-29		AR				Field Blank	ERG		5054	Field Blank		0100211-06
Cobb FB	2020-11-24	0.01	U				Field Blank	ERG	0.0515	2240	Field Blank		0120410-11
Cobb FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	A22304	Field Blank		1011327-01
Cobb FB	2021-01-27	0.00	ND, U				Field Blank	ERG	0.0515	110314	Field Blank		1020318-05
Cobb FB	2021-04-27	0.00	ND, U				Field Blank	ERG	0.0472	114344	Field Blank		1050423-01
Cobb FB	2021-05-27	0.00	ND, U				Field Blank	ERG	0.0472	33506	Field Blank		1060241-01
Cobb FB	2021-06-24	0.00	ND, U				Field Blank	ERG	0.0472	111217	Field Blank		1070113-01
Cobb FB	2021-07-26		U				Field Blank	ERG	0.0472	19299	Field Blank		1072938-05
Cobb FB	2021-08-24		U				Field Blank	ERG	0.0472	110314	Field Blank		1090124-01
Cobb FB	2021-09-13		U				Field Blank	ERG	0.0472	18818	Field Blank		1091620-03
Cobb FB	2021-10-27	0.00					Field Blank	EPD	0.0288	114358	Field Blank		AK88023
Covington FB	2019-10-30	0.00	ND, U	SE	130	1.2	Field Blank	ERG	0.0452	A21032	Field Blank		9110118-10
Covington FB	2019-12-30	0.00	ND, U				Field Blank	ERG	0.0452	A21026	Field Blank		0010322-09
Covington FB	2020-01-27	0.00	U, ND				Field Blank	ERG	0.0452	A21000	Field Blank		0013117-03
Covington FB	2020-02-21	0.00	U, ND				Field Blank	ERG	0.0452	19280	Field Blank		0030236-01
Covington FB	2020-03-25	0.00	U, ND				Field Blank	ERG	0.0515	A21000	Field Blank		0040115-06
Covington FB	2020-04-24	0.03	U				Field Blank	ERG	0.0515	SAT008	Field Blank		0050114-06
Covington FB	2020-05-22		AR				Field Blank	ERG		A21073	Field Blank		0052918-01
Covington FB	2020-06-24	0.00	ND				Field Blank	ERG	0.0515	SAT056	Field Blank		0070602-06
Covington FB	2020-09-28		AR				Field Blank	ERG		19281	Field Blank		0100213-01
Covington FB	2020-11-24	0.00	ND, U				Field Blank	ERG	0.0515	SAT043	Field Blank		0120411-06
Covington FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	213	Field Blank		1011326-01
Covington FB	2021-01-26	0.00	ND, U				Field Blank	ERG	0.0515	A21011	Field Blank		1020319-01
Covington FB	2021-04-27	0.00	ND, U				Field Blank	ERG	0.0472	110342	Field Blank		1050523-06
Covington FB	2021-05-25	0.00	ND, U				Field Blank	ERG	0.0472	110252	Field Blank		1060324-06
Covington FB	2021-06-25	0.00	ND, U				Field Blank	ERG	0.0472	SAT125	Field Blank		1070116-06



Covington FB	2021-07-26							U		Field Blank	ERG	0.0472	114386	Field Blank	1072936-05	
Covington FB	2021-08-25							U		Field Blank	ERG	0.0472	CLS647	Field Blank	1090127-01	
Covington FB	2021-09-07							U		Field Blank	ERG	0.0472	33243	Field Blank	1091621-04	
Covington FB	2021-10-28	0.00								Field Blank	EPD	0.0288	110336	Field Blank	AK88025	
F1	2020-01-16	0.17		NW	321	4.2	passive	ERG	0.0452	18884		4.3	inHg		0012318-01	
F1	2020-01-22	0.29		LK	ENE	65	1.6	passive	ERG	0.0452		5126		2.8	inHg	0013007-01
F1	2020-01-28	0.82		LK	NNW	327	1.5	passive	ERG	0.0452		5125		4.2	inHg	0020526-01
F1	2020-02-03	0.35			SSW	202	1.8	passive	ERG	0.0452		SAT087		3.1	inHg	0021215-01
F1	2020-02-09	0.44		LK, 2	ESE	109	2.4	passive	ERG	0.0452		SAT021		10.8	inHg	0021824-01
F1	2020-02-15	0.39			E	99	2.1	passive	ERG	0.0452		A21083		2.0	inHg	0022613-01
F1	2020-02-21	0.64			NNW	343	2.2	passive	ERG	0.0452		A21022		3.2	inHg	0030234-01
F1	2020-02-27		AL		NW	312	4	passive	ERG			18828		19.2	inHg	0030606-01
F1	2020-03-04	0.86			SW	272	1.2	passive	ERG	0.0515		SAT163		4.6	inHg	0031135-01
F1	2020-03-10		AL		SW	218	1.9	passive	ERG			18875		VOID		0031834-01
F1	2020-03-16	0.37		2	E	83	3	passive	ERG	0.0515		19289		12.0	inHg	0032319-01
F1	2020-03-22	0.31			ENE	78	2.7	passive	ERG	0.0515		18829		1.8	inHg	0040113-01
F1	2020-03-28		AN		SW	220	2.7	passive	ERG			SAT023		17.5	inHg	0040816-01
F1	2020-04-03	1.62		LK, 2	WNW	284	1.3	passive	ERG	0.0515		5048		6.9	inHg	0041002-01
F1	2020-04-09	0.90		2	WNW	295	4.5	passive	ERG	0.0515		18837		7.1	inHg	0041619-01
F1	2020-04-15	0.59		LK, 2	NNW	322	3.8	passive	ERG	0.0515		5072		6.4	inHg	0042219-01
F1	2020-04-21	0.64		2	WNW	291	3	passive	ERG	0.0515		19668		6.1	inHg	0050112-01
F1	2020-04-27	1.50		2	NW	324	2.8	passive	ERG	0.0515		SAT043		5.8	inHg	0050616-01
F1	2020-05-03	0.63		LK, 2	SW	230	2.5	passive	ERG	0.0515		5103		0.0	inHg	0051408-01
F1	2020-05-09	1.30		LK	NNW	335	3.2	passive	ERG	0.0515		AZ41		5.1	inHg	0051508-02
F1	2020-05-15	0.57		LK, 2	SSE	155	2.6	passive	ERG	0.0515		5110		7.9	inHg	0052847-01
F1	2020-05-21	1.10		2	ENE	70	1.4	passive	ERG	0.0515		SAT017		6.2	inHg	0052919-02
F1	2020-05-27	0.62		2	ENE	70	3.2	passive	ERG	0.0515		35126		6.1	inHg	0060507-01
F1	2020-06-02	0.40		LK, 2	SSW	210	1.1	passive	ERG	0.0515		5117		7.5	inHg	0061732-01
F1	2020-06-08	1.14		2	ESE	120	2.7	passive	ERG	0.0515		SAT037		6.9	inHg	0061732-03
F1	2020-06-14	0.29		2	E	85	1.6	passive	ERG	0.0515		18879		6.2	inHg	0062525-01
F1	2020-06-20	0.48		2	NNW	339	1.1	passive	ERG	0.0515		18827		7.2	inHg	0062612-01
F1	2020-06-26	1.17		2	W	269	2.5	passive	ERG	0.0515		SAT039		6.6	inHg	0070603-01
F1	2020-07-02	1.19		2, LK	NW	316	1.5	passive	ERG	0.0515		35110		6.9	inHg	0070930-01
F1	2020-07-08	0.39		2	NNW	333	0.9	passive	ERG	0.0515		A21080		6.8	inHg	0071533-01
F1	2020-07-14	1.43		LK, 2	WNW	293	0.6	passive	ERG	0.0515		AZ45		6.9	inHg	0072414-01
F1	2020-07-20	0.72			NW	318	0.9	passive	ERG	0.0515		18829		2.1	inHg	0072931-01
F1	2020-07-26	1.57		LK	WSW	239	1.1	passive	ERG	0.0515		5086		2.7	inHg	0080536-01
F1	2020-08-01	0.78			SW	232	2.5	passive	ERG	0.0515		SAT057		1.6	inHg	0080617-01

F1	2020-08-07	2.17	LK	NNW	339	1.4	passive	ERG	0.0515	SAT123	1.0	inHg	0081933-01
F1	2020-08-13	1.60		W	271	1.1	passive	ERG	0.0515	SAT068	5.8	inHg	0082115-01
F1	2020-08-19		AO	NE	54	1.4	passive	ERG		5020	VOID		0082739-01
F1	2020-08-25	0.34	2	ENE	59	1.5	passive	ERG	0.0515	A21089	0.0	inHg	0090238-01
F1	2020-08-31	0.23	2	WNW	290	1	passive	ERG	0.0515	18822	0.0	inHg	0090830-01
F1	2020-09-06	0.44	LK, 2	NE	55	1.4	passive	ERG	0.0515	5119	0.0	inHg	0092333-01
F1	2020-09-12	0.11		E	90	2.3	passive	ERG	0.0515	19278	1.6	inHg	0092333-04
F1	2020-09-18	0.65	LK	NNW	341	1.3	passive	ERG	0.0515	5132	1.2	inHg	0092838-01
F1	2020-09-24	0.40		E	100	2.5	passive	ERG	0.0515	2240	1.9	inHg	0100212-01
F1	2020-09-30	0.52	2	W	267	1.6	passive	ERG	0.0515	SAT039	0.0	inHg	0100834-01
F1	2020-10-06	0.25	2	NE	40	0.8	passive	ERG	0.0515	35136	0.0	inHg	0101530-01
F1	2020-10-12	0.23	2	W	276	1.7	passive	ERG	0.0515	19647	0.0	inHg	0102301-01
F1	2020-10-18	0.16	2	E	79	2.1	passive	ERG	0.0515	110305	0.0	inHg	0102915-01
F1	2020-10-24	0.50	2	N	0	0.6	passive	ERG	0.0515	110314	0.0	inHg	0110528-01
F1	2020-10-30	0.26	LK, 2	NW	319	4	passive	ERG	0.0515	SAT026	0.0	inHg	0110924-01
F1	2020-11-05	0.15	2	NE	46	0.9	passive	ERG	0.0515	SAT022	0.0	inHg	0111208-01
F1	2020-11-11	0.41		SSE	167	0.9	passive	ERG	0.0515	18872	1.9	inHg	0112511-01
F1	2020-11-17	0.12	2	NNW	331	3.5	passive	ERG	0.0515	18810	0.0	inHg	0112511-03
F1	2020-11-23	0.09	2	NNW	330	3.4	passive	ERG	0.0515	19645	0.0	inHg	0120412-01
F1	2020-11-29	0.38	LK	E	83	1.8	passive	ERG	0.0515	5009	2.9	inHg	0120412-02
F1	2020-12-05	0.38	2	WNW	302	2.2	passive	ERG	0.0515	19299	0.0	inHg	0121642-01
F1	2020-12-11	0.36	2, LK	SSE	165	0.7	passive	ERG	0.0515	5042	0.0	inHg	0122327-01
F1	2020-12-17	0.37	2	WNW	296	3.2	passive	ERG	0.0515	A21037	0.0	inHg	0122407-01
F1	2020-12-23	0.14		SE	125	1.8	passive	ERG	0.0515	11211	1.2	inHg	1010625-01
F1	2020-12-29	0.20		E	94	1.1	passive	ERG	0.0515	110252	1.1	inHg	1010524-01
F1	2021-01-04	0.09		NW	318	1.4	passive	ERG	0.0515	33531	1.1	inHg	1011516-01
F1	2021-01-10	0.19	2	N	9	0.8	passive	ERG	0.0515	SAT033	0.0	inHg	1012723-01
F1	2021-01-16	0.09	2	W	272	3.1	passive	ERG	0.0515	19649	0.0	inHg	1012723-04
F1	2021-01-22	0.57	LK, 2	NNW	329	1	passive	ERG	0.0515	5004	0.0	inHg	1020317-01
F1	2021-01-28	0.00	ND, U, 2	NW	325	5.5	passive	ERG	0.0515	110308	0.0	inHg	1020425-01
F1	2021-02-03	0.40	LK, 2	NW	312	3.5	passive	ERG	0.0472	5018	0.0	inHg	1021020-01
F1	2021-02-03	QA	2	NW	312	3.5	passive	ERG	0.0472	A21103	0.0	inHg	1021020-02
F1	2021-02-09	0.15		NE	41	1	passive	ERG	0.0472	SAT179	1	inHg	1021837-01
F1	2021-02-15	0.00	ND, U	E	83	2.8	passive	ERG	0.0472	114329	4.5	inHg	1030327-01
F1	2021-02-21	0.22	2	SE	136	2.6	passive	ERG	0.0472	A21073	0.5	inHg	1031122-01
F1	2021-02-27	0.00	U, ND, 2	NE	54	1.6	passive	ERG	0.0472	33490	0.0	inHg	1031030-01
F1	2021-02-27		U	NE	54	1.6		ERG	0.0472	A21073	0	inHg	1031030-01
F1	2021-03-05		AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible

F1	2021-03-11	0.13		WNW	302	1.1	passive	ERG	0.0472	19654	5.8	inHg	1031636-01
F1	2021-03-17	0.17		E	79	2.5	passive	ERG	0.0472	110308	3.9	inHg	1032433-01
F1	2021-03-23	0.43	LK	E	98	3	passive	ERG	0.0472	A21076	4.5	inHg	1040823-01
F1	2021-03-29	0.14		NE	41	1.5	passive	ERG	0.0472	A21021	5.2	inHg	1041410-01
F1	2021-04-04	0.22		NW	321	0.7	passive	ERG	0.0472	33535	1.2	inHg	1042216-01
F1	2021-04-10	0.12		S	175	2.9	passive	ERG	0.0472	19287	5.1	inHg	1042216-03
F1	2021-04-16	0.07		N	4	0.9	passive	ERG	0.0472	18821	4.7	inHg	1042934-01
F1	2021-04-22		BI	NW	321	1.3	passive	ERG		213	VOID		1050322-01
F1	2021-04-28	0.52	2	SW	232	1.6	passive	ERG	0.0472	A21052	6.2	inHg	1051247-01
F1	2021-05-04	0.18	2	SW	219	2.2	passive	ERG	0.0472	A21058	6.2	inHg	1051941-01
F1	2021-05-10	0.46	2	W	268	2.2	passive	ERG	0.0472	18876	6.7	inHg	1051941-04
F1	2021-05-16	0.57		SW	222	1.4	passive	ERG	0.0472	A21053	5.2	inHg	1060324-01
F1	2021-05-22	0.39		NE	40	0.5	passive	ERG	0.0472	33240	5.3	inHg	1060324-02
F1	2021-05-28	0.28	2	SW	219	2.8	passive	ERG	0.0472	110314	6.2	inHg	1060836-01
F1	2021-06-03	0.24		SW	232	1.5	passive	ERG	0.0472	19277	6.2	inHg	1060836-02
F1	2021-06-15	0.41		NNW	328	2.6	passive	ERG	0.0472	19640	6.5	inHg	1070115-01
F1	2021-06-27	0.41		SE	126	1.9	passive	ERG	0.0472	19650	6.1	inHg	1072321-01
F1	2021-07-15	0.57		NW	311	0.9		ERG	0.0472	19640	8.3	inHg	1072937-01
F1	2021-07-27		SC	NW	338	0.9		ERG	0.0472	35122	8.9	inHg	1080603-01
F1	2021-08-26	0.22		SE	144	1.2		ERG	0.0472	110252	6.8	inHg	1090319-01
F1	2021-09-19							ERG		19279	9.1	inHg	1100729-01
F1	2021-10-13	0.27		SW	227	0.3		EPD	0.0288	114334	3.2	inHg	AK87857
F2	2020-01-28	2.87		NNW	327	4.2	passive	ERG	0.0452	SAT002	1.10	inHg	0020526-02
F2	2020-02-03	0.56		SSW	202	1.8	passive	ERG	0.0452	19642	1.0	inHg	0021215-02
F2	2020-02-09	0.38	LK, 2	ESE	109	2.4	passive	ERG	0.0452	5133	0.0	inHg	0021405-01
F2	2020-02-15	1.13	LK	E	99	2.1	passive	ERG	0.0452	5086	1.5	inHg	0022613-02
F2	2020-02-21	2.80	2	NNW	343	2.2	passive	ERG	0.0452	18832	0.0	inHg	0030234-02
F2	2020-02-27	1.03	2	NW	312	4	passive	ERG	0.0452	19645	0.0	inHg	0030537-01
F2	2020-03-04	2.84	2	SW	272	1.2	passive	ERG	0.0515	SAT130	0.0	inHg	0031135-02
F2	2020-03-10	0.82	LK	SW	218	1.9	passive	ERG	0.0515	5132	1.0	inHg	0031834-02
F2	2020-03-16	0.80	LK	E	83	3	passive	ERG	0.0515	5045	1.0	inHg	0032319-02
F2	2020-03-22	0.97	2	ENE	78	2.7	passive	ERG	0.0515	SAT070	0.0	inHg	0040113-02
F2	2020-03-28	0.69		SW	220	2.7	passive	ERG	0.0515	SAT123	2.9	inHg	0040816-02
F2	2020-04-03	2.37	LK, 2	WNW	284	1.3	passive	ERG	0.0515	5081	0.0	inHg	0041002-02
F2	2020-04-09	1.30	LK	WNW	295	4.5	passive	ERG	0.0515	AZ37	1.6	inHg	0041619-02
F2	2020-04-15	2.75	2	NNW	322	3.8	passive	ERG	0.0515	SAT025	0.0	inHg	0042219-02
F2	2020-04-21	0.83	2	WNW	291	3	passive	ERG	0.0515	SAT064	0.0	inHg	0050112-02
F2	2020-04-27	3.61	2	NW	324	2.8	passive	ERG	0.0515	SAT007	0.0	inHg	0050616-02

F2	2020-04-27	QA	3.49	2	NW	324	2.8	passive	ERG	0.0515	SAT011	4.5	inHg	0050616-03
F2	2020-05-03			AA	SW	230	2.5	passive	ERG		5115	VOID		0051408-02
F2	2020-05-09		2.30	LK, 2	NNW	335	3.2	passive	ERG	0.0515	5076	6.5	inHg	0051508-01
F2	2020-05-15		0.45	LK, 2	SSE	155	2.6	passive	ERG	0.0515	5080	8.0	inHg	0052847-02
F2	2020-05-21		0.58	LK, 2	ENE	70	1.4	passive	ERG	0.0515	504	7.0	inHg	0052919-03
F2	2020-05-27		0.33	2	ENE	70	3.2	passive	ERG	0.0515	SAT020	6.2	inHg	0060507-02
F2	2020-06-02		0.95	2	SSW	210	1.1	passive	ERG	0.0515	33327	7.0	inHg	0061732-02
F2	2020-06-08		0.83	LK, 2	ESE	120	2.7	passive	ERG	0.0515	5050	7.8	inHg	0061732-04
F2	2020-06-08	QA	0.81	2	ESE	120	2.7	passive	ERG	0.0515	SAT069	6.9	inHg	0061732-05
F2	2020-06-14			BI	E	85	1.6	passive	ERG		SAT181	6.2	inHg	0062525-02
F2	2020-06-20		0.89	2	NNW	339	1.1	passive	ERG	0.0515	19284	7.0	inHg	0062612-02
F2	2020-06-26		1.72	LK, 2	W	269	2.5	passive	ERG	0.0515	5090	7.5	inHg	0070603-02
F2	2020-07-02		1.73	2	NW	316	1.5	passive	ERG	0.0515	18830	7.1	inHg	0070930-02
F2	2020-07-08	QA	0.46	2	NNW	333	0.9	passive	ERG	0.0515	33232	0.0	inHg	0071533-03
F2	2020-07-08		0.37	2	NNW	333	0.9	passive	ERG	0.0515	A21053	6.5	inHg	0071533-02
F2	2020-07-14		0.52	LK, 2	WNW	293	0.6	passive	ERG	0.0515	5055	7.4	inHg	0072414-02
F2	2020-07-20		0.46		NW	318	0.9	passive	ERG	0.0515	33531	2.8	inHg	0072931-02
F2	2020-07-26		0.86	LK	WSW	239	1.1	passive	ERG	0.0515	5054	3.4	inHg	0080536-02
F2	2020-08-01		0.19		SW	232	2.5	passive	ERG	0.0515	33327	2.2	inHg	0080617-02
F2	2020-08-07		4.41	LK, 2	NNW	339	1.4	passive	ERG	0.0515	35127	0.0	inHg	0081832-01
F2	2020-08-13	QA	0.68	D-F	W	271	1.1	passive	ERG	0.0515	SAT178	5.3	inHg	0082115-03
F2	2020-08-13		0.50	D-F	W	271	1.1	passive	ERG	0.0515	33506	5.5	inHg	0082115-02
F2	2020-08-19		1.06		NE	54	1.4	passive	ERG	0.0515	19643	2.9	inHg	0082739-02
F2	2020-08-25		0.35	LK	ENE	59	1.5	passive	ERG	0.0515	5035	2.1	inHg	0090238-02
F2	2020-08-31		0.99	2	WNW	290	1	passive	ERG	0.0515	SAT076	0.0	inHg	0090830-02
F2	2020-09-06		1.04	LK, 2	NE	55	1.4	passive	ERG	0.0515	SAT035	0.0	inHg	0092333-02
F2	2020-09-12		1.64	LK	E	90	2.3	passive	ERG	0.0515	AZ37	1.9	inHg	0092333-05
F2	2020-09-18		3.61	LK, D-F	NNW	341	1.3	passive	ERG	0.0515	5135	1.7	inHg	0092510-01
F2	2020-09-18	QA	2.31	D-F	NNW	341	1.3	passive	ERG	0.0515	35143	1.0	inHg	0092510-03
F2	2020-09-24		0.23		E	100	2.5	passive	ERG	0.0515	19283	2.2	inHg	0100212-02
F2	2020-09-30		0.72	2, LK	W	267	1.6	passive	ERG	0.0515	5086	0.0	inHg	0100834-02
F2	2020-10-06		0.31	2	NE	40	0.8	passive	ERG	0.0515	19667	0.0	inHg	0101530-02
F2	2020-10-12		0.61	2	W	276	1.7	passive	ERG	0.0515	33533	0.0	inHg	0102301-02
F2	2020-10-18		0.17	2	E	79	2.1	passive	ERG	0.0515	110342	0.0	inHg	0102915-02
F2	2020-10-24		2.39	2, D-F	N	0	0.6	passive	ERG	0.0515	110257	7.1	inHg	0110528-02
F2	2020-10-24	QA	1.70	D-F	N	0	0.6	passive	ERG	0.0515	110322	4.9	inHg	0110528-04
F2	2020-10-30			AA	NW	319	4	passive	ERG		5013	VOID		0110924-02
F2	2020-11-05			AL	NE	46	0.9	passive	ERG		SAT008	VOID		0111208-02

F2	2020-11-11		1.03	LK	SSE	167	0.9	passive	ERG	0.0515	SAT035	5.9	inHg	0112511-02
F2	2020-11-17		1.25		NNW	331	3.5	passive	ERG	0.0515	SAT149	3.6	inHg	0112511-04
F2	2020-11-17	QA	0.99		NNW	330	3.4	passive	ERG	0.0515	33236	2.0	inHg	0112511-05
F2	2020-11-23		1.49		NNW	330	3.4	passive	ERG	0.0515	18808	3.8	inHg	0120412-03
F2	2020-11-29		1.15	LK	E	83	1.8	passive	ERG	0.0515	SAT112	4.8	inHg	0120412-04
F2	2020-12-05		1.03	LK	WNW	302	2.2	passive	ERG	0.0515	5022	4.2	inHg	0121642-02
F2	2020-12-11		1.62		SSE	165	0.7	passive	ERG	0.0515	19653	3.8	inHg	0122327-02
F2	2020-12-17	QA	0.89	2	WNW	296	3.2	passive	ERG	0.0515	35131	0.0	inHg	0122407-03
F2	2020-12-17		0.74		WNW	296	3.2	passive	ERG	0.0515	18865	2.3	inHg	0122407-02
F2	2020-12-23		0.19		SE	125	1.8	passive	ERG	0.0515	A21013	5.1	inHg	1010625-02
F2	2020-12-29		0.46	2	E	94	1.1	passive	ERG	0.0515	114366	0.0	inHg	1010524-02
F2	2021-01-04		0.15		NW	318	1.4	passive	ERG	0.0515	A21026	3.8	inHg	1011516-02
F2	2021-01-10	QA	1.62		N	9	0.8	passive	ERG	0.0515	SAT161	3	inHg	1012723-03
F2	2021-01-10		1.28		N	9	0.8	passive	ERG	0.0515	18889	2.3	inHg	1012723-02
F2	2021-01-16		0.39	LK	W	272	3.1	passive	ERG	0.0515	AZ45	3	inHg	1012723-05
F2	2021-01-22		0.25		NNW	329	1	passive	ERG	0.0515	33544	3.9	inHg	1020317-02
F2	2021-01-28		0.82		NW	325	5.5	passive	ERG	0.0515	SAT014	3.3	inHg	1020425-02
F2	2021-02-03		0.27		NW	312	3.5	passive	ERG	0.0472	35143	2.8	inHg	1021020-03
F2	2021-02-09	QA	0.31		NE	41	1	passive	ERG	0.0472	SAT009	1.8	inHg	1021837-03
F2	2021-02-09		0.18		NE	41	1	passive	ERG	0.0472	18874	4.1	inHg	1021837-02
F2	2021-02-15		0.26	LK	E	83	2.8	passive	ERG	0.0472	SAT159	4.6	inHg	1030327-02
F2	2021-02-21		0.13		SE	136	2.6	passive	ERG	0.0472	SAT070	2.3	inHg	1030327-03
F2	2021-02-27		0.54	LK	NE	54	1.6	passive	ERG	0.0472	SAT110	3.7	inHg	1031122-02
F2	2021-03-05			AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F2	2021-03-11		0.36	2	WNW	302	1.1	passive	ERG	0.0472	18825	6.8	inHg	1031636-02
F2	2021-03-17		0.10	2	E	79	2.5	passive	ERG	0.0472	110335	6.9	inHg	1032433-02
F2	2021-03-23	QA	0.16		E	98	3	passive	ERG	0.0472	110342	5.8	inHg	1040731-01
F2	2021-03-23		0.11	2	E	98	3	passive	ERG	0.0472	110306	7.5	inHg	1040823-02
F2	2021-03-29		0.18	2	NE	41	1.5	passive	ERG	0.0472	114340	8.1	inHg	1041342-01
F2	2021-04-04		0.52	2	NW	321	0.7	passive	ERG	0.0472	SAT180	6.1	inHg	1042216-02
F2	2021-04-10		0.52	LK, 2	S	175	2.9	passive	ERG	0.0472	AZ52	8	inHg	1042216-04
F2	2021-04-16		0.26	2	N	4	0.9	passive	ERG	0.0472	18882	7.8	inHg	1042934-02
F2	2021-04-22	QA	0.19	2	NW	321	1.3	passive	ERG	0.0472	114366	0.0	inHg	1050322-02
F2	2021-04-22		0.18		NW	321	1.3	passive	ERG	0.0472	A21034	5.2	inHg	1043023-01
F2	2021-04-28		0.42	2	SW	232	1.6	passive	ERG	0.0472	A22328	7.9	inHg	1051721-01
F2	2021-05-04		0.27		SW	219	2.2	passive	ERG	0.0472	114348	5.8	inHg	1051941-02
F2	2021-05-10		1.08	2	W	268	2.2	passive	ERG	0.0472	A21098	8.5	inHg	1051941-05
F2	2021-05-16		0.14	2	SW	222	1.4	passive	ERG	0.0472	18822	6.9	inHg	1060324-03

F2	2021-05-22		0.46	2	NE	40	0.5	passive	ERG	0.0472	19646	7.1	inHg	1060324-04
F2	2021-05-28		0.33	LK	SW	219	2.8	passive	ERG	0.0472	19296	4.3	inHg	1060836-03
F2	2021-05-28	QA	0.21	LK	SW	219	2.8	passive	ERG	0.0472	A21109	5.1	inHg	1060923-01
F2	2021-06-03		0.26		SW	232	1.5	passive	ERG	0.0472	19663	8	inHg	1060923-02
F2	2021-06-15		0.37		NNW	328	2.6	passive	ERG	0.0472	A21036	7.8	inHg	1070115-02
F2	2021-06-15	QA	0.20		NNW	328	2.6	passive	ERG	0.0472	114386	8.5	inHg	1070206-01
F2	2021-06-27		0.57	LK	SE	126	1.9	passive	ERG	0.0472	SAT028	7.8	inHg	1072321-02
F2	2021-07-15		0.48	D-F	NW	311	0.9		ERG	0.0472	111219	7.9	inHg	1072937-02
F2	2021-07-15	QA	0.36	D-F	NW	311	0.9		ERG	0.0472	110257	3.2	inHg	1072937-03
F2	2021-07-27		0.39		NNW	338	0.9		ERG	0.0472	A21108	6.9	inHg	1080603-02
F2	2021-08-02		1.12	LK	NNW	345	1.3		ERG	0.0472	A21095	6.9	inHg	1081307-01
F2	2021-08-14	QA	0.55	D-F	ENE	66	1.7		ERG	0.0472	110306	8.2	inHg	1090130-03
F2	2021-08-14		0.36	D-F	ENE	66	1.7		ERG	0.0472	111217	4.1	inHg	1090130-02
F2	2021-08-26		0.24		SE	144	1.2		ERG	0.0472	35151	4.6	inHg	1090319-02
F2	2021-09-07	QA	0.28		ENE	58	1.2		ERG	0.0472	110258	6.9	inHg	1091619-02
F2	2021-09-07		0.26		ENE	58	1.2		ERG	0.0472	114386	3.1	inHg	1091619-01
F2	2021-09-19		0.54		ENE	62	1.3		ERG	0.0472	111219	6.5	inHg	1100617-01
F2	2021-10-01	QA	0.20		SE	131	0.9		EPD	0.0288	114350	6.9	inHg	AK87169
F2	2021-10-01		0.14		SE	131	0.9		EPD	0.0288	114380	7.5	inHg	AK87170
F2	2021-10-13		0.39		SW	227	0.3		EPD	0.0288	110321	4.9	inHg	AK87858
F2	2021-10-31		0.40		NW	317	2.7		EPD	0.0288	111205	0	inHg	AK88026
F3	2020-08-13		1.76		W	271	1.1	passive	ERG	0.0515	18883	4.8	inHg	0082115-04
F3	2020-08-19		3.67	LK, 2	NE	54	1.4	passive	ERG	0.0515	5103	13.8	inHg	0082739-03
F3	2020-08-25		0.91	2	ENE	59	1.5	passive	ERG	0.0515	18833	0.0	inHg	0090238-03
F3	2020-08-31		0.99	2	WNW	290	1	passive	ERG	0.0515	A21040	0.0	inHg	0090830-03
F3	2020-09-06		4.34	2, LK	NE	55	1.4	passive	ERG	0.0515	SAT157	0.0	inHg	0092333-03
F3	2020-09-12		2.87	LK, 2	E	90	2.3	passive	ERG	0.0515	AZ45	0.0	inHg	0092333-06
F3	2020-09-18		5.91		NNW	341	1.3	passive	ERG	0.0515	19280	5.6	inHg	0092510-02
F3	2020-09-24		1.63	2	E	100	2.5	passive	ERG	0.0515	SAT101	7.5	inHg	0100212-03
F3	2020-09-30		0.45	LK	W	267	1.6	passive	ERG	0.0515	5077	3.1	inHg	0100834-03
F3	2020-10-06		1.08		NE	40	0.8	passive	ERG	0.0515	19282	2.9	inHg	0101530-03
F3	2020-10-12		5.75	2	W	276	1.7	passive	ERG	0.0515	35138	0.0	inHg	0102301-03
F3	2020-10-18		1.03		E	79	2.1	passive	ERG	0.0515	111211	1.8	inHg	0102915-03
F3	2020-10-24		4.79	2	N	0	0.6	passive	ERG	0.0515	111217	12.5	inHg	0110528-03
F3	2020-10-30			AP	NW	319	4	passive	ERG		19276	VOID		No sample ID possible
F4	2021-01-16		0.09		W	272	3.1	passive	ERG	0.0515	33498	3.8	inHg	1012723-06
F4	2021-01-22		0.00	ND, U	NNW	329	1	passive	ERG	0.0515	19663	3.9	inHg	1020317-03
F4	2021-01-28		0.00	ND, U	NW	325	5.5	passive	ERG	0.0515	SAT085	3.3	inHg	1020425-03

F4	2021-02-03	0.00	ND, U	NW	312	3.5	passive	ERG	0.0472	111217	3.1	inHg	1021020-04	
F4	2021-02-09	0.11		NE	41	1	passive	ERG	0.0472	114348	4.5	inHg	1021837-04	
F4	2021-02-15	QA	0.28	E	83	2.8	passive	ERG	0.0472	SAT033	4.7	inHg	1030327-05	
F4	2021-02-15		0.24	E	83	2.8	passive	ERG	0.0472	SAT157	4.7	inHg	1030327-04	
F4	2021-02-21		0.43	LK	SE	136	2.6	passive	ERG	0.0472	SAT142	2	inHg	1030327-06
F4	2021-02-27		0.11		NE	54	1.6	passive	ERG	0.0472	19660	3.9	inHg	1031122-03
F4	2021-03-05			AF	NW	325	2.2	passive				Did Not Collect	No sample ID possible	
F4	2021-03-11		0.33	LK	WNW	302	1.1	passive	ERG	0.0472	SAT058	5.8	inHg	1031636-03
F4	2021-03-17		0.29		E	79	2.5	passive	ERG	0.0472	SAT087	4.1	inHg	1032433-03
F4	2021-03-23		0.13		E	98	3	passive	ERG	0.0472	18824	5.0	inHg	1040823-03
F4	2021-03-29		0.09		NE	41	1.5	passive	ERG	0.0472	18879	5.3	inHg	1041410-02
F4	2021-04-04		0.15		NW	321	0.7	passive	ERG	0.0472	18884	3.5	inHg	1042123-01
F4	2021-04-10		0.70		S	175	2.9	passive	ERG	0.0472	SAT042	5.9	inHg	1042216-05
F4	2021-04-16		0.10		N	4	0.9	passive	ERG	0.0472	2527	5	inHg	1042934-03
F4	2021-04-22		0.09	2	NW	321	1.3	passive	ERG	0.0472	33327	0.0	inHg	1050322-03
F4	2021-04-28		0.40		SW	232	1.6	passive	ERG	0.0472	2240	5.9	inHg	1051247-02
F4	2021-05-04		0.07		SW	219	2.2	passive	ERG	0.0472	19278	5.9	inHg	1051941-03
F4	2021-05-10		0.10		W	268	2.2	passive	ERG	0.0472	18884	4.8	inHg	1051941-06
F4	2021-05-16		0.15		SW	222	1.4	passive	ERG	0.0472	111217	4.7	inHg	1060324-05
F4	2021-05-22		0.22	2	NE	40	0.5	passive	ERG	0.0472	33491	0.0	inHg	1060242-02
F4	2021-05-28		0.21	LK	SW	219	2.8	passive	ERG	0.0472	19652	2.8	inHg	1060923-03
F4	2021-06-03		0.20		SW	232	1.5	passive	ERG	0.0472	33498	0	inHg	1060836-04
F4	2021-06-15		0.27		NNW	328	2.6	passive	ERG	0.0472	33529	6.2	inHg	1070115-03
F4	2021-06-27		1.55	LK	SE	126	1.9	passive	ERG	0.0472	35131	5	inHg	1072321-03
Fulton FB	2020-02-21		0.00	U, ND	NW	312	4	Field Blank	ERG		A21096	Field Blank	0030234-03	
Fulton FB	2020-05-26		0.03	LK, U				Field Blank	ERG		35118	Field Blank	0052919-01	
Fulton FB	2020-06-23		0.00	U, ND				Field Blank	ERG	0.0515	19300	Field Blank	0062612-03	
Fulton FB	2020-07-22		0.00	U, ND	N	8	1.4	Field Blank	ERG	0.0515	A21012	Field Blank	0072931-03	
Fulton FB	2020-09-29			AR				Field Blank	ERG		SAT027	Field Blank	0100212-04	
Fulton FB	2020-11-24		0.01	U, LK				Field Blank	ERG	0.0515	SAT037	Field Blank	0120412-05	
Fulton FB	2020-12-28		0.00	U, ND				Field Blank	ERG	0.0515	18836	Field Blank	1011329-01	
Fulton FB	2021-01-27		0.00	ND, U				Field Blank	ERG	0.0515	5101	Field Blank	1020317-04	
Fulton FB	2021-04-27		0.04	U				Field Blank	ERG	0.0472	SAT029	Field Blank	1050524-01	
Fulton FB	2021-05-27		0.00	ND, U				Field Blank	ERG	0.0472	33540	Field Blank	1060242-01	
Fulton FB	2021-06-24		0.00	ND, U				Field Blank	ERG	0.0472	A21031	Field Blank	1070115-04	
Fulton FB	2021-07-26		0.12					Field Blank	ERG	0.0472	35108	Field Blank	1072937-04	
Fulton FB	2021-08-24			U				Field Blank	ERG	0.0472	35139	Field Blank	1090130-01	
Fulton FB	2021-09-14			U				Field Blank	ERG	0.0472	18832	Field Blank	1091619-03	

Fulton FB	2021-10-27	0.00						Field Blank	EPD	0.0288	110313	Field Blank	AK88027	
General Coffee	2019-09-19	0.62	LK	E	80	3.9	Xonteck 911	ERG	0.0452	N4075	20	inHg	9092734-01	
General Coffee	2019-09-30		AN				Xonteck 911	ERG		N4112	20	inHg	9100409-01	
General Coffee	2019-10-12	0.06		ESE	139	0.6	Xonteck 911	ERG	0.0452	2767	19	inHg	9101529-01	
General Coffee	2019-10-24	0.08		E	84	3.3	Xonteck 911	ERG	0.0452	A21071	20	inHg	9110120-01	
General Coffee	2019-11-05	0.17		NE	42	1.5	Xonteck 911	ERG	0.0452	SAT099	19	inHg	9111358-01	
General Coffee	2019-11-19	0.12	LK	W	285	1.7	Xonteck 911	ERG	0.0452	5136	22	inHg	9112612-01	
General Coffee	2019-11-29	0.15	LK	ENE	64	0.1	Xonteck 911	ERG	0.0452	SAT135	23	inHg	9120613-01	
General Coffee	2019-12-11	0.27	LK	NNE	19	4.1	Xonteck 911	ERG	0.0452	5022	21	inHg	9122020-01	
General Coffee	2019-12-23	0.04	U	WNW	320	2.4	Xonteck 911	ERG	0.0452	18870	21	inHg	9122720-01	
General Coffee	2020-01-04	0.36		WNW	320	5.3	Xonteck 911	ERG	0.0452	SAT160	20	inHg	0011011-01	
General Coffee	2020-01-16		AS	2	NW	311	2.8	Xonteck 911	ERG	0.0452	A21083	20	inHg	0012417-01
General Coffee	2020-01-28	0.35		N	0	1.5	Xonteck 911	ERG	0.0452	SAT168	21	inHg	0021033-01	
General Coffee	2020-02-09	0.08		E	88	2.3	Xonteck 911	ERG	0.0452	A21054	23	inHg	0021823-01	
General Coffee	2020-02-21	0.08	LK	NE	35	5.5	Xonteck 911	ERG	0.0452	A21035	22	inHg	0030237-01	
General Coffee	2020-03-04	0.47		E	87	2	Xonteck 911	ERG	0.0515	SAT056	21	psig	0031322-01	
General Coffee	2020-03-16		AF		ESE	101	2.5	Xonteck 911	ERG			Did Not Collect	No sample ID possible	
General Coffee	2020-03-22	0.14	LK	ENE	69	3	Xonteck 911	ERG	0.0515	5035	21	psig	0040215-01	
General Coffee	2020-03-28	0.12		SW	227	3	Xonteck 911	ERG	0.0515	A21072	21	psig	0040215-02	
General Coffee	2020-04-09	0.18		W	281	3.2	Xonteck 911	ERG	0.0515	19645	22	psig	0042017-01	
General Coffee	2020-04-21		AF		WNW	285	2.3	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-04-27	1.07	2	NNW	330	2.6	Xonteck 911	ERG	0.0515	SAT063	23	psig	0050710-01	
General Coffee	2020-05-03	0.63	2, I-02	WSW	245	1.8	Xonteck 911	ERG	0.0515	SAT142	21	psig	0051506-01	
General Coffee	2020-05-15	0.57	LK, 2	ESE	115	2.2	Xonteck 911	ERG	0.0515	5064	22	psig	0052201-01	
General Coffee	2020-05-27		AF		ENE	60	1.7	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-06-02	0.20	2	ESE	110	1.8	Xonteck 911	ERG	0.0515	33535	19	psig	0061524-01	
General Coffee	2020-06-08	0.48	2	SSW	210	1.5	Xonteck 911	ERG	0.0515	SAT053	21	psig	0061907-01	
General Coffee	2020-06-20	0.52	2	SW	216	0.66	Xonteck 911	ERG	0.0515	SAT074	22	psig	0062610-01	
General Coffee	2020-07-02		SC	LK, 2	W	267	1.8	Xonteck 911	ERG	0.0515	35124	21	psig	0071020-01
General Coffee	2020-07-14	1.52	LK, 2	W	258	1.2	Xonteck 911	ERG	0.0515	AZ38	22	psig	0072337-01	
General Coffee	2020-07-26	0.38	LK, 2	E	99	1.5	Xonteck 911	ERG	0.0515	5136	21	psig	0080616-01	
General Coffee	2020-08-07	0.34	2	S	189	1.2	Xonteck 911	ERG	0.0515	A21009	23	psig	0081411-01	
General Coffee	2020-08-19	0.18	LK	SSE	154	0.5	Xonteck 911	ERG	0.0515	5141	20	psig	0082819-01	
General Coffee	2020-08-31	1.02	2	W	266	1.2	Xonteck 911	ERG	0.0515	SAT082	21	psig	0091422-01	
General Coffee	2020-09-12	0.20	2	E	86	2.7	Xonteck 911	ERG	0.0515	18879	22	psig	0092511-01	
General Coffee	2020-09-24		AF		SE	138	1.5	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-09-30	0.11	2	NNW	336	1	Xonteck 911	ERG	0.0515	18835	22	psig	0100913-01	
General Coffee	2020-10-06	0.21	2	ENE	60	2.8	Xonteck 911	ERG	0.0515	19641	22	psig	0101607-01	



General Coffee	2020-10-18	0.24	2	ENE	67	2.7	Xonteck 911	ERG	0.0515	A21086	21	psig	0102918-01
General Coffee	2020-10-30	0.22	2	NNW	332	3	Xonteck 911	ERG	0.0515	A21028	23	psig	0110605-01
General Coffee	2020-11-11	2.78	LK, 2	ESE	122	1.7	Xonteck 911	ERG	0.0515	35103	22	psig	0112316-01
General Coffee	2020-11-23	0.05	VB, 2, U	N	357	2.1	Xonteck 911	ERG	0.0515	19284	24	psig	0120409-01
General Coffee	2020-12-05	0.19	2, LK	NNW	327	2.4	Xonteck 911	ERG	0.0515	A21073			0121804-01
General Coffee	2020-12-17	0.04	2, VB, U	NW	313	2.3	Xonteck 911	ERG	0.0515	18829	21	psig	0122329-01
General Coffee	2020-12-29		AF	E	87	1.4	Xonteck 911					Did Not Collect	No sample ID possible
General Coffee	2021-01-04	0.04	2, VB, U	NW	316	1.3	Xonteck 911	ERG	0.0515	33243	22	psig	1011926-01
General Coffee	2021-01-10		AF	NNW	346	0.8	Xonteck 911	ERG				Did Not Collect	No sample ID possible
General Coffee	2021-01-16		AF	W	273	3	Xonteck 911	ERG		18869		Did Not Collect	1012901-01
General Coffee	2021-01-22	0.99	LK, 2	N	8	1.5	Xonteck 911	ERG	0.0515	SAT101	22	psig	1012901-02
General Coffee	2021-02-03		AF	NW	316	2.3	Xonteck 911	ERG				Did Not Collect	No sample ID possible
General Coffee	2021-02-09		AN	ESE	108	0.8	Xonteck 911	ERG		114340		VOID	1022520-01
General Coffee	2021-02-15		AF	SSE	147	2.8	Xonteck 911	ERG				Did Not Collect	No sample ID possible
General Coffee	2021-02-21	0.19		ESE	105	2.7	Xonteck 911	ERG	0.0472	SAT109	19	psig	1030427-01
General Coffee	2021-02-27	0.00	ND, U, 2	WSW	239	1.3	Xonteck 911	ERG	0.0472	19647	21	psig	1030427-02
General Coffee	2021-03-11	0.06	2	SSE	148	0.9	Xonteck 911	ERG	0.0472	18823	22	psig	1031827-02
General Coffee	2021-03-11		AR	SSE	148	0.9	passive	ERG		19643		VOID	1031827-01
General Coffee	2021-03-23	0.43	LK, 2	E	87	1.5	passive	ERG	0.0472	SAT183	0.0	inHg	1040213-02
General Coffee	2021-03-23		AR	E	87	1.5	Xonteck 911	ERG		SAT156		VOID	1040213-01
General Coffee	2021-04-04	0.50	LK, 2	WSW	238	0.5	Xonteck 911	ERG	0.0472	SAT125	23	psig	1041610-01
General Coffee	2021-04-16	0.53	LK, 2	NNE	21	1.4	Xonteck 911	ERG	0.0472	AZ50	23	psig	1042306-01
General Coffee	2021-04-28	0.39	LK, 2	NW	307	3.8	Xonteck 911	ERG	0.0472	A21007	22	psig	1051017-01
General Coffee	2021-05-10	0.79	LK, 2	WSW	240	2.6	Xonteck 911	ERG	0.0472	SAT077	21	psig	1052114-01
General Coffee	2021-05-22	0.25	LK, 2	E	88	1.7	Xonteck 911	ERG	0.0472	N4114	22	psig	1052813-01
General Coffee	2021-06-03	0.18		S	191	0.8	Xonteck 911	ERG	0.0472	SAT085	23	psig	1061030-01
General Coffee	2021-06-15		AF	W	263	2.8	Xonteck 911						No sample ID possible
General Coffee	2021-06-17	0.12		ENE	75	1.2	Xonteck 911	ERG	0.0472	9570	19	psig	1062411-01
General Coffee	2021-06-27	0.32	LK	ESE	108	2	Xonteck 911	ERG	0.0472	SAT109	23	psig	1070111-01
General Coffee	2021-07-15	0.06	2	SSE	158	0.7	Xonteck 911	ERG		110342	23	psig	1072117-01
General Coffee	2021-07-27	0.11	2	W	278	0.9	Xonteck 911	ERG		18829	23	psig	1081725-01
General Coffee	2021-08-14		AN										No sample ID possible
General Coffee	2021-08-20	0.08	2	WNW	302	1.3	Xonteck 911	ERG		19658	22	psig	1082630-01
General Coffee	2021-09-13	0.5	LK	NE	51	0.7	Xonteck 911	ERG		SAT068	22	psig	1100430-01
General Coffee	2021-09-25	0.13		NNE	18	0.9	Xonteck 911	ERG		114344	22	psig	1100811-01
General Coffee	2021-10-13	0.08	2	ENE	71	1.0	Xonteck 911	ERG		110314	20	psig	1102225-01
General Coffee	2021-10-25		AF										No sample ID possible
General Coffee	2021-10-31		AA	NW	306	1.8	Xonteck 911	ERG		35157	0	psig	1111538-01

NR285	2020-03-10	0.37	2	SW	215	0.3	Xonteck 910	ERG	0.0515	A21033	0	inHg	0031723-01
NR285	2020-03-22	0.37		E	90	0.8	Xonteck 910	ERG	0.0515	A22329	18.7	psig	0040114-03
NR285	2020-05-09	0.07	2	WNW	291	0.3	Xonteck 910	ERG	0.0515	19647	18.1	psig	0051509-01
NR285	2020-06-14	0.26		ESE	119	0.1	Xonteck 910	ERG	0.0515	A21046	18.8	psig	0062523-01
NR285	2021-01-04	0.07		WNW	287	0.3	Xonteck 910	ERG	0.0515	SAT053	18.9	psig	1011328-05
NR285	2021-01-16	0.11		WNW	287	0.8	Xonteck 910	ERG	0.0515	35157	18.2	psig	1012725-03
NR285	2021-01-28	0.00	ND, U, 2	NW	319	1.2	Xonteck 910	ERG	0.0515	19288	12.8	psig	1020518-03
NR285	2021-02-09	0.34		ENE	60	0.1	Xonteck 910	ERG	0.0472	SAT107	18.3	inHg	1021909-02
NR285	2021-02-09	0.08		ENE	60	0.1	passive	ERG	0.0472	114322	2.0	inHg	1021909-01
NR285	2021-02-21	0.24		SE	125	0.8	passive	ERG	0.0472	A21099	1.8	inHg	1030511-05
NR285	2021-02-21	0.08		SE	125	0.8	Xonteck 910	ERG	0.0472	A21044	17.9	psig	1030511-06
NR285	2021-04-22	0.05		WNW	290	0.2	Xonteck 910	ERG	0.0472	19295	19	psig	1050320-01
NR285	2021-05-04	0.08	2	SSW	212	0.1	Xonteck 910	ERG	0.0472	19283	19.5	psig	1051938-01
NR285	2021-05-16	0.54	2	SSW	205	0.2	Xonteck 910	ERG	0.0472	A21012	19	psig	1060326-01
S1	2019-09-24		AN	NW	304	2.5	passive	ERG		SAT004	29.0	inHg	9092733-01
S1	2019-09-26		AN	NW	313	1.7	passive				VOID		No sample ID possible
S1	2019-09-30	0.19	LK	N	7	0.9	passive	ERG	0.0452	18831	4.1	inHg	9100318-01
S1	2019-10-03	0.31	LK	WNW	303	0.8	passive	ERG	0.0452	18833	5.0	inHg	9100921-02
S1	2019-10-06	0.06		E	87	3.8	passive	ERG	0.0452	19653	3.8	inHg	9100921-06
S1	2019-10-12	0.21	LK	NW	304	2.2	passive	ERG	0.0452	5013	5.3	inHg	9101802-01
S1	2019-10-18	0.12	LK	E	85	2.3	passive	ERG	0.0452	5017	4.0	inHg	9102414-01
S1	2019-10-24	0.10	LK	E	85	1.8	passive	ERG	0.0452	A21069	4.0	inHg	9103068-01
S1	2019-11-20	0.27	LK, 2	NW	310	3.2	passive	ERG	0.0452	SAT003	6.5	inHg	9112204-01
S1	2019-11-23	0.36	LK, 2	WSW	244	4.2	passive	ERG	0.0452	AZ39	8.0	inHg	9112712-01
S1	2019-11-29	0.16	LK, 2	NW	317	1.3	passive	ERG	0.0452	SAT155	7.0	inHg	9120611-01
S1	2019-12-05	0.16	LK	WNW	295	2.1	passive	ERG	0.0452	19668	3.2	inHg	9121206-01
S1	2019-12-11	0.22	LK	NW	320	3.1	passive	ERG	0.0452	SAT079	4.9	inHg	9121840-01
S1	2019-12-17	0.37	LK, 2	WNW	294	6.1	passive	ERG	0.0452	5019	8.2	inHg	0010321-01
S1	2019-12-23		AN	ENE	67	4.7	passive	ERG		5077	1.2	inHg	0010321-05
S1	2019-12-31	0.05	2, U	W	275	6.2	passive	ERG	0.0452	18808	0.0	inHg	0010716-01
S1	2020-01-04	0.24	2, LK	WNW	285	7.3	passive	ERG	0.0452	SAT080	0.0	inHg	0011422-01
S1	2020-01-10	0.30	LK	ESE	104	5.5	passive	ERG	0.0452	5020	1.4	inHg	0011617-01
S1	2020-01-16	0.70	LK	NW	311	5.4	passive	ERG	0.0452	5051	2.4	inHg	0012315-01
S1	2020-01-22	0.73	2	ENE	78	2.2	passive	ERG	0.0452	SAT014	0.0	inHg	0013009-01
S1	2020-01-28	0.32	2	WNW	301	2.5	passive	ERG	0.0452	SAT086	0.0	inHg	0020525-01
S1	2020-02-03	0.85	LK	SSW	211	1.9	passive	ERG	0.0452	5080	1.0	inHg	0021216-01
S1	2020-02-09	0.77	LK, 2	ESE	103	3	passive	ERG	0.0452	5129	10.2	inHg	0021825-01
S1	2020-02-15	0.28		E	93	2.4	passive	ERG	0.0452	19668	2.0	inHg	0022612-01

S1	2020-02-21	2.58	2, LK	NW	321	2.7	passive	ERG	0.0452	A21059	0.0	inHg	0030235-01
S1	2020-02-27	0.46	LK, 2	WNW	301	5.1	passive	ERG	0.0452	5121	0.0	inHg	0030536-01
S1	2020-03-04	0.18	LK, 2	WSW	241	1.6	passive	ERG	0.0515	19650	0.0	inHg	0031013-01
S1	2020-03-10	0.33		SSW	197	2.1	passive	ERG	0.0515	2240	4.2	inHg	0031722-01
S1	2020-03-28	0.18	2	SW	220	2.8	passive	ERG	0.0515	19297	6.9	inHg	0040817-01
S1	2020-04-03	0.13		WNW	284	1.7	passive	ERG	0.0515	18823	4.3	inHg	0041003-01
S1	2020-04-09	0.44		WNW	292	5	passive	ERG	0.0515	SAT082	6.0	inHg	0041620-01
S1	2020-04-15	0.22		NW	320	4.3	passive	ERG	0.0515	SAT096	3.9	inHg	0042217-01
S1	2020-04-21	0.86	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5086	5.8	inHg	0050113-01
S1	2020-04-27	0.11		WNW	302	3.5	passive	ERG	0.0515	18827	4.0	inHg	0050617-01
S1	2020-05-03	0.57	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5065	7.2	inHg	0051409-01
S1	2020-05-09	1.21	LK	NW	320	3.6	passive	ERG	0.0515	5040	4.7	inHg	0051830-01
S1	2020-05-15	0.11		SE	130	3.2	passive	ERG	0.0515	18870	5.9	inHg	0052846-01
S1	2020-05-21	0.07		E	85	1.7	passive	ERG	0.0515	19280	4.9	inHg	0052917-02
S1	2020-05-27	0.70		E	90	3.2	passive	ERG	0.0515	SAT111	5.8	inHg	0060506-01
S1	2020-06-02	0.57		S	185	1.7	passive	ERG	0.0515	SAT048	5.5	inHg	0061733-01
S1	2020-06-08	0.18		ESE	120	4.4	passive	ERG	0.0515	SAT044	6.0	inHg	0061733-05
S1	2020-06-14	1.29	LK, 2	ENE	70	1.7	passive	ERG	0.0515	5051	6.2	inHg	0062524-01
S1	2020-06-20	0.40	LK, 2	NW	321	1.5	passive	ERG	0.0515	5127	6.8	inHg	0062611-01
S1	2020-06-26	0.44		W	275	3.5	passive	ERG	0.0515	19289	5.5	inHg	0070604-01
S1	2020-07-02	0.14	2	WNW	301	2.1	passive	ERG	0.0515	19660	6.5	inHg	0070929-01
S1	2020-07-08	0.33	LK	W	280	1	passive	ERG	0.0515	5032	7.0	inHg	0071532-01
S1	2020-07-14	0.15		WSW	253	1.3	passive	ERG	0.0515	18870	6.0	inHg	0072413-01
S1	2020-07-20	1.10		WSW	258	1	passive	ERG	0.0515	SAT152	2.9	inHg	0072930-01
S1	2020-07-26	0.18	2	NNW	340	0.9	passive	ERG	0.0515	19662	0.0	inHg	0080535-01
S1	2020-08-01	0.67	LK	SW	216	2.9	passive	ERG	0.0515	SAT067	2.3	inHg	0081226-01
S1	2020-08-07	1.03	LK	NE	50	1.7	passive	ERG	0.0515	5090	2.9	inHg	0081932-01
S1	2020-08-13	0.56		ESE	109	1.7	passive	ERG	0.0515	A22330	2.1	inHg	0082116-01
S1	2020-08-19	1.10	LK, 2	SE	125	1.9	passive	ERG	0.0515	AZ53	10.0	inHg	0082740-01
S1	2020-08-25	1.11		E	97	1.2	passive	ERG	0.0515	SAT033	1.9	inHg	0090237-01
S1	2020-08-31	0.58		WSW	238	0.7	passive	ERG	0.0515	A21001	2.1	inHg	0090831-01
S1	2020-09-06	0.52	LK	ENE	57	1.7	passive	ERG	0.0515	AZ41	1.2	inHg	0092336-01
S1	2020-09-12	2.01		ESE	105	2.6	passive	ERG	0.0515	SAT011	2.9	inHg	0092336-04
S1	2020-09-18	0.48	LK	NNW	331	2.4	passive	ERG	0.0515	5043	3.5	inHg	0092509-01
S1	2020-09-24	0.40	LK	ESE	104	4.1	passive	ERG	0.0515	5128	3.2	inHg	0100211-01
S1	2020-09-30	0.09	2	WNW	283	1.8	passive	ERG	0.0515	110335	0.0	inHg	0100832-01
S1	2020-10-06	0.16		E	87	1.2	passive	ERG	0.0515	19658	1.8	inHg	0101529-01
S1	2020-10-12	1.10		WNW	283	1.9	passive	ERG	0.0515	A21006	2.0	inHg	0102302-01

S1	2020-10-18	0.15		E	94	2.4	passive	ERG	0.0515	114329	1.1	inHg	0102914-01
S1	2020-10-24	0.11	2	N	3	1.1	passive	ERG	0.0515	114348	10.4	inHg	0110518-01
S1	2020-10-30	1.55	2, LK	NW	310	4.8	passive	ERG	0.0515	SAT184	0.0	inHg	0110604-01
S1	2020-11-05	0.93	2, LK	E	93	0.8	passive	ERG	0.0515	SAT051	0.0	inHg	0111209-01
S1	2020-11-11	0.22		S	170	1.3	passive	ERG	0.0515	SAT061	3.5	inHg	0112512-01
S1	2020-11-17	0.73	2, LK	NW	314	4.7	passive	ERG	0.0515	35111	0.0	inHg	0112512-05
S1	2020-11-23	0.39	2, LK	NW	316	3.5	passive	ERG	0.0515	SAT110	0.0	inHg	0120410-01
S1	2020-11-29	0.28	LK	ESE	103	2.8	passive	ERG	0.0515	5145	2.8	inHg	0120410-02
S1	2020-12-05	0.07		WNW	291	3.5	passive	ERG	0.0515	19290	1.0	inHg	0121638-01
S1	2020-12-11	0.16	LK	SSE	148	1	passive	ERG	0.0515	5054	2.3	inHg	0122325-01
S1	2020-12-17	0.44	2	WNW	293	4.8	passive	ERG	0.0515	35147	0.0	inHg	0122408-01
S1	2020-12-23	0.10		ESE	114	3.3	passive	ERG	0.0515	19642	2.1	inHg	1010627-01
S1	2020-12-29	0.09		E	100	2	passive	ERG	0.0515	110322	2.1	inHg	1010523-01
S1	2021-01-04	0.07		SSW	292	1.9	passive	ERG	0.0515	19278	1.7	inHg	1011515-01
S1	2021-01-10	0.25	2, LK	ENE	60	1.5	passive	ERG	0.0515	SAT110	0.0	inHg	1012724-01
S1	2021-01-16	0.10		W	268	4.4	passive	ERG	0.0515	19340	1.0	inHg	1012724-06
S1	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19277	0.0	inHg	1020318-01
S1	2021-01-28	0.50		NW	317	6.6	passive	ERG	0.0515	SAT058	1.6	inHg	1020424-01
S1	2021-02-03	0.39	2	NW	308	4.2	passive	ERG	0.0472	SAT069	0.0	inHg	1021021-01
S1	2021-02-03	QA	2	NW	308	4.2	passive	ERG	0.0472	114336	0.0	inHg	1021021-02
S1	2021-02-09	0.08		ENE	69	1.5	passive	ERG	0.0472	9570	2.1	inHg	1021828-01
S1	2021-02-15	0.30		E	98	3.7	passive	ERG	0.0472	SAT184	2.8	inHg	1030328-01
S1	2021-02-21	0.28	2	ESE	122	4.3	passive	ERG	0.0472	SAT039	0.0	inHg	1030328-06
S1	2021-02-27	0.13	2	ESE	107	2.4	passive	ERG	0.0472	19289	0.0	inHg	1031031-01
S1	2021-03-05		AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S1	2021-03-11	0.12		SSW	194	1.6	passive	ERG	0.0472	18817	5.9	inHg	1031638-01
S1	2021-03-17	0.27	2	ESE	103	3.1	passive	ERG	0.0472	213	8.2	inHg	1032431-01
S1	2021-03-23	0.13	2	ESE	110	4.3	passive	ERG	0.0472	18836	8.6	inHg	1040821-01
S1	2021-03-29		AA	NNW	343	2.1	passive	ERG	0.0472	18836	VOID		1041340-01
S1	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	33235	5.8	inHg	1042122-01
S1	2021-04-10	0.17		SSE	161	3.8	passive	ERG	0.0472	19654	6.0	inHg	1042219-04
S1	2021-04-16	0.24	2	NNW	333	2.2	passive	ERG	0.0472	A21055	0.0	inHg	1042935-01
S1	2021-04-22	0.16	2	WNW	290	1.7	passive	ERG	0.0472	A21036	6.2	inHg	1043024-01
S1	2021-04-28	0.14		SSW	204	1.7	passive	ERG	0.0472	114322	6.0	inHg	1051246-01
S1	2021-05-04	0.20		SSW	200	2.5	passive	ERG	0.0472	33503	5.2	inHg	1051939-01
S1	2021-05-10	0.09	2	W	278	3	passive	ERG	0.0472	114386	6.4	inHg	1051939-05
S1	2021-05-16	0.22		SSW	198	1.2	passive	ERG	0.0472	19654	5.1	inHg	1060325-01
S1	2021-05-22	0.20	2	ENE	69	1.1	passive	ERG	0.0472	19294	6.1	inHg	1060325-02

S1	2021-05-28	0.44	LK	SW	232	3.2	passive	ERG	0.0472	A21073	4	inHg	1060925-01
S1	2021-06-03	0.22		SSW	212	2.4	passive	ERG	0.0472	19281	5.8	inHg	1060837-01
S1	2021-06-15	0.00	ND, CE, U	NW	310	4	passive	ERG	0.0472	A21070	7.4	inHg	1070113-02
S1	2021-06-27	0.32		SE	126	2.4	passive	ERG	0.0472	A21000	5.8	inHg	1072322-01
S1	2021-07-15	0.18		WSW	252	1.3		ERG	0.0472	33535	9.8	inHg	1072938-01
S1	2021-07-27	0.67	LK	NE	37	1.5		ERG	0.0472	A21106	5.1	inHg	1080604-01
S2	2019-09-24	0.33	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	SAT023	6.5	inHg	9092733-02
S2	2019-09-26	0.22	LK, 2	NW	313	1.7	passive	ERG	0.0452	A21104	6.1	inHg	9100318-02
S2	2019-09-30	0.30	LK, 2	N	7	0.9	passive	ERG	0.0452	SAT155	0.0	inHg	9100318-03
S2	2019-10-03	0.40	LK	WNW	303	0.8	passive	ERG	0.0452	SAT135	4.9	inHg	9100921-04
S2	2019-10-06	0.12	LK	E	87	3.8	passive	ERG	0.0452	5005	5.9	inHg	9100921-09
S2	2019-10-12	0.27	LK	NW	304	2.2	passive	ERG	0.0452	5040	4.8	inHg	9101802-02
S2	2019-10-18	0.07		E	85	2.3	passive	ERG	0.0452	18882	2.1	inHg	9102414-02
S2	2019-10-24	0.05		E	85	1.8	passive	ERG	0.0452	19300	3.2	inHg	9103068-02
S2	2019-11-20	0.19	LK	NW	310	3.2	passive	ERG	0.0452	5005	2.9	inHg	9112204-02
S2	2019-11-23	0.39		WSW	244	4.2	passive	ERG	0.0452	SAT049	3.1	inHg	9112712-02
S2	2019-11-29	0.16	LK	NW	317	1.3	passive	ERG	0.0452	SAT086	3.1	inHg	9120611-02
S2	2019-12-05	0.16	LK, 2	WNW	295	2.1	passive	ERG	0.0452	SAT030	0.0	inHg	9121206-02
S2	2019-12-11	0.03	U, 2	NW	320	3.1	passive	ERG	0.0452	19299	0.0	inHg	9121840-02
S2	2019-12-17	0.36	2	WNW	294	6.1	passive	ERG	0.0452	SAT091	0.0	inHg	0010321-02
S2	2019-12-23		AF	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S2	2019-12-31		AF	W	275	6.2	passive				Did Not Collect		No sample ID possible
S2	2020-01-04		AF	WNW	285	7.3	passive				Did Not Collect		No sample ID possible
S2	2020-01-10	0.32	LK	ESE	104	5.5	passive	ERG	0.0452	AZ51	2.2	inHg	0011617-02
S2	2020-01-16	0.26	LK	NW	311	5.4	passive	ERG	0.0452	5146	4.1	inHg	0012315-02
S2	2020-01-22	0.10	2	ENE	78	2.2	passive	ERG	0.0452	SAT126	0.0	inHg	0013009-02
S2	2020-01-28	0.40	2	WNW	301	2.5	passive	ERG	0.0452	SAT076	0.0	inHg	0020525-02
S2	2020-02-03	0.78	2	SSW	211	1.9	passive	ERG	0.0452	SAT048	0.0	inHg	0021216-02
S2	2020-02-09		AO	ESE	103	3	passive	ERG		19276	VOID		0021825-02
S2	2020-02-15	0.80	2	E	93	2.4	passive	ERG	0.0452	SAT025	9.4	inHg	0022612-02
S2	2020-02-21		AN	NW	321	2.7	passive	ERG		18836	22.8	inHg	0030235-02
S2	2020-02-27	0.15	LK	WNW	301	5.1	passive	ERG	0.0452	19663	2.2	inHg	0030536-02
S2	2020-03-04	0.41	LK	WSW	241	1.6	passive	ERG	0.0515	SAT179	4.1	inHg	0031136-01
S2	2020-03-10	0.24		SSW	197	2.1	passive	ERG	0.0515	18877	3.2	inHg	0031722-02
S2	2020-03-28	0.78	LK	SW	220	2.8	passive	ERG	0.0515	SAT159	6.0	inHg	0040817-02
S2	2020-04-03	0.09		WNW	284	1.7	passive	ERG	0.0515	19296	4.1	inHg	0041003-02
S2	2020-04-09	0.54	LK	WNW	292	5	passive	ERG	0.0515	5023	6.0	inHg	0041620-02
S2	2020-04-15	0.48	LK	NW	320	4.3	passive	ERG	0.0515	5079	3.8	inHg	0042217-02

S2	2020-04-21	0.41	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5101	4.9	inHg	0050113-02
S2	2020-04-27	1.26	LK, 2	WNW	302	3.5	passive	ERG	0.0515	5000	4.2	inHg	0050617-02
S2	2020-05-03		BI	WSW	255	2.6	passive	ERG		18879	5.7	inHg	0051409-02
S2	2020-05-09		BI	NW	320	3.6	passive	ERG		19297	2.0	inHg	0051505-01
S2	2020-05-15	0.57		SE	130	3.2	passive	ERG	0.0515	SAT183	5.3	inHg	0052846-02
S2	2020-05-21	0.78	LK	E	85	1.7	passive	ERG	0.0515	SAT184	4.1	inHg	0052917-03
S2	2020-05-27	0.80		NNW	330	2.6	passive	ERG	0.0515	35141	3.8	inHg	0060506-02
S2	2020-06-02	0.76	LK	S	185	1.7	passive	ERG	0.0515	5073	5.8	inHg	0061733-02
S2	2020-06-08	0.65		ESE	120	4.4	passive	ERG	0.0515	19662	4.8	inHg	0061733-06
S2	2020-06-14	1.04	LK	ENE	70	1.7	passive	ERG	0.0515	SAT159	4.0	inHg	0062524-02
S2	2020-06-20	0.59		NW	321	1.5	passive	ERG	0.0515	SAT103	5.2	inHg	0062611-02
S2	2020-06-26	0.51	LK	W	275	3.5	passive	ERG	0.0515	5077	5.2	inHg	0070604-02
S2	2020-07-02	0.20	LK	WNW	301	2.1	passive	ERG	0.0515	SAT051	5.6	inHg	0070929-02
S2	2020-07-08	0.18		W	280	1	passive	ERG	0.0515	19644	4.7	inHg	0071532-02
S2	2020-07-14	0.40		WSW	253	1.3	passive	ERG	0.0515	SAT024	5.8	inHg	0072413-02
S2	2020-07-20	0.31	2	WSW	258	1	passive	ERG	0.0515	19651	0.0	inHg	0072930-02
S2	2020-07-26	0.22		NNW	340	0.9	passive	ERG	0.0515	SAT044	1.8	inHg	0080535-02
S2	2020-08-01	1.00	2, LK	SW	216	2.9	passive	ERG	0.0515	SAT122	0.0	inHg	0081226-02
S2	2020-08-07	1.53	2	NE	50	1.7	passive	ERG	0.0515	SAT029	0.0	inHg	0081932-02
S2	2020-08-13	0.99	LK	ESE	109	1.7	passive	ERG	0.0515	5082	2.8	inHg	0082116-02
S2	2020-08-19	0.78		SE	125	1.9	passive	ERG	0.0515	SAT182	3.9	inHg	0082740-02
S2	2020-08-25	0.77	2	E	97	1.2	passive	ERG	0.0515	33266	14.0	inHg	0090237-02
S2	2020-08-31	0.60	2	WSW	238	0.7	passive	ERG	0.0515	18870	0.0	inHg	0090831-02
S2	2020-09-06	0.74	LK	ENE	57	1.7	passive	ERG	0.0515	5105	1.2	inHg	0092336-02
S2	2020-09-12	0.17		ESE	105	2.6	passive	ERG	0.0515	19288	2.8	inHg	0092336-05
S2	2020-09-18	1.29	LK	NNW	331	2.4	passive	ERG	0.0515	SAT109	2.1	inHg	0092509-02
S2	2020-09-24	0.58	3	ESE	104	4.1	passive	ERG	0.0515	A21095	2.8	inHg	0100211-02
S2	2020-09-30	0.82	3, LK	WNW	283	1.8	passive	ERG	0.0515	5063	2.8	inHg	0100832-02
S2	2020-10-06	0.10	3	E	87	1.2	passive	ERG	0.0515	33238	1.7	inHg	0101529-02
S2	2020-10-12	0.33	3	WNW	283	1.9	passive	ERG	0.0515	A21011	2.9	inHg	0102302-02
S2	2020-10-18	0.12	3	E	94	2.4	passive	ERG	0.0515	110252	1.2	inHg	0102914-02
S2	2020-10-24	0.13	2, 3	N	3	1.1	passive	ERG	0.0515	110258	9.8	inHg	0110518-02
S2	2020-10-30	0.15	2, 3	NW	310	4.8	passive	ERG	0.0515	18833	0.0	inHg	0110923-01
S2	2020-11-05	0.20	LK, 2, 3	E	93	0.8	passive	ERG	0.0515	AZ45	0.0	inHg	0111209-02
S2	2020-11-11	6.47	3, LK	S	170	1.3	passive	ERG	0.0515	35118	3.6	inHg	0112512-02
S2	2020-11-17	0.09	3	NW	314	4.7	passive	ERG	0.0515	33243	1.2	inHg	0112512-06
S2	2020-11-23	0.18	3	NW	316	3.5	passive	ERG	0.0515	35148	1.2	inHg	0120410-03
S2	2020-11-29	0.28	3, LK	ESE	103	2.8	passive	ERG	0.0515	5125	3.8	inHg	0120410-04

S2	2020-12-05		0.19	3, LK	WNW	291	3.5	passive	ERG	0.0515	SAT039	1.2	inHg	0121638-02
S2	2020-12-11		0.08	3	SSE	148	1	passive	ERG	0.0515	19648	2.1	inHg	0122325-02
S2	2020-12-17		0.05	2, 3, U	WNW	293	4.8	passive	ERG	0.0515	18835	0.0	inHg	0122408-02
S2	2020-12-23		0.05	3	ESE	114	3.3	passive	ERG	0.0515	AQL0397	1.9	inHg	1010627-02
S2	2020-12-29		0.25	3	E	100	2	passive	ERG	0.0515	SAT097	2.2	inHg	1010523-02
S2	2021-01-04		0.17	3	SSW	292	1.9	passive	ERG	0.0515	A21106	1.4	inHg	1011515-02
S2	2021-01-10		0.25	LK, 3, 2	ENE	60	1.5	passive	ERG	0.0515	SAT077	0.0	inHg	1012724-02
S2	2021-01-16		0.04	3, VB, U	W	268	4.4	passive	ERG	0.0515	19293	1.1	inHg	1012724-07
S2	2021-01-22		0.00	ND, U, 2, 3	NNW	329	1	passive	ERG	0.0515	A21034	0.0	inHg	1020318-02
S2	2021-01-28		0.00	ND, U, 3	NW	317	6.6	passive	ERG	0.0515	SAT151	1.8	inHg	1020424-02
S2	2021-02-03		0.00	ND, U, 3, 2	NW	308	4.2	passive	ERG	0.0472	114344	0.0	inHg	1021021-03
S2	2021-02-09	QA	0.37	LK, 3, 2	ENE	69	1.5	passive	ERG	0.0472	SAT122	0.0	inHg	1021828-03
S2	2021-02-09		0.06	3	ENE	69	1.5	passive	ERG	0.0472	111211	2.9	inHg	1021828-02
S2	2021-02-15		0.14	3, LK	E	98	3.7	passive	ERG	0.0472	AZ41	2.9	inHg	1030328-02
S2	2021-02-21		0.12	2, 3, LK	ESE	122	4.3	passive	ERG	0.0472	SAT028	0.0	inHg	1030328-07
S2	2021-02-27		0.07	3	ESE	107	2.4	passive	ERG	0.0472	33235	2.8	inHg	1031120-01
S2	2021-03-05			AF	NW	322	3.2	passive		0.0472		Did Not Collect		No sample ID possible
S2	2021-03-11		0.38	3, LK	SSW	194	1.6	passive	ERG	0.0472	5004	4.6	inHg	1031638-02
S2	2021-03-17		0.16	2, 3	ESE	103	3.1	passive	ERG	0.0472	110252	6.8	inHg	1032431-02
S2	2021-03-23		0.20	3	ESE	110	4.3	passive	ERG	0.0472	18872	3.7	inHg	1040821-02
S2	2021-03-29		0.40	3, LK	NNW	343	2.1	passive	ERG	0.0472	A21071	4.2	inHg	1041340-03
S2	2021-04-04		0.55	3, LK	WNW	291	1.7	passive	ERG	0.0472	SAT175	2.2	inHg	1042219-01
S2	2021-04-10		0.09	3	SSE	161	3.8	passive	ERG	0.0472	111217	4.5	inHg	1042219-05
S2	2021-04-16		0.08	3	NNW	333	2.2	passive	ERG	0.0472	19280	4.6	inHg	1042935-02
S2	2021-04-22		0.08	3	WNW	290	1.7	passive	ERG	0.0472	19288	1.8	inHg	1043024-02
S2	2021-04-28		0.30	3	SSW	204	1.7	passive	ERG	0.0472	44	5.0	inHg	1051246-02
S2	2021-05-04		0.30	3	SSW	200	2.5	passive	ERG	0.0472	A21106	4.2	inHg	1051939-02
S2	2021-05-10		0.09	3	W	278	3	passive	ERG	0.0472	18833	4.3	inHg	1051939-06
S2	2021-05-16		0.10	3	SSW	198	1.2	passive	ERG	0.0472	19657	3.8	inHg	1060325-03
S2	2021-05-22		0.13	3	ENE	69	1.1	passive	ERG	0.0472	19665	4	inHg	1060241-02
S2	2021-05-28		0.11	3	SW	232	3.2	passive	ERG	0.0472	111211	4.8	inHg	1060925-02
S2	2021-06-03		0.10	3	SSW	212	2.4	passive	ERG	0.0472	110342	5.2	inHg	1060837-02
S2	2021-06-15	QA	0.20		NW	310	4	passive	ERG	0.0472	111219	5.3	inHg	1070208-01
S2	2021-06-15		0.13		NW	310	4	passive	ERG	0.0472	110322	7.2	inHg	1070113-03
S2	2021-06-27		0.12		SE	126	2.4	passive	ERG	0.0472	19279	5.9	inHg	1072322-02
S2	2021-07-15		0.17		WSW	252	1.3		ERG	0.0472	110258	6.9	inHg	1072938-02
S2	2021-07-15	QA	0.15		WSW	252	1.3		ERG	0.0472	9570	9.8	inHg	1072938-03
S2	2021-07-27		0.18		NE	37	1.5		ERG	0.0472	19282	6.2	inHg	1080604-02

S2	2021-08-02		0.33		NW	313	1.9		ERG	0.0472	33534	7.1	inHg	1081308-01
S2	2021-08-14		0.66	LK	E	101	1.8		ERG	0.0472	SAT137	7.9	inHg	1090124-02
S2	2021-08-14	QA	0.52	LK	E	101	1.8		ERG	0.0472	SAT081	6.8	inHg	1090124-03
S2	2021-08-26		0.34		SE	124	1.0		ERG	0.0472	19284	6	inHg	1090320-01
S2	2021-09-07		0.79		ENE	72	2.3		ERG	0.0472	A21007	6.1	inHg	1091620-01
S2	2021-09-07	QA	0.18		ENE	72	2.3		ERG	0.0472	19665	4.2	inHg	1091620-02
S2	2021-09-19			SC	D	E	96	1.8	ERG	J9434508196721	35141	8.9	inHg	1100727-01
S2	2021-10-01		0.35		ESE	106	1.2		EPD	0.0288	114384	6.1	inHg	AK87166
S2	2021-10-01	QA	0.34		ESE	106	1.2		EPD	0.0288	114321	5.9	inHg	AK87165
S2	2021-10-13		0.32		ESE	102	0.4		EPD	0.0288	110307	0	inHg	AK87852
S2	2021-10-31		0.10		NW	307	3.7		EPD	0.0288	114324	10.3	inHg	AK88022
S3	2019-09-24		0.54		NW, W	304	2.5	passive	ERG	0.0452	18834	3.0	inHg	9092733-03
S3	2019-09-26		0.10		NW	313	1.7	passive	ERG	0.0452	18879	6.0	inHg	9100318-04
S3	2019-09-30		0.06	2	N	7	0.9	passive	ERG	0.0452	19650	7.0	inHg	9100318-05
S3	2019-10-03		0.17	LK, 2	WNW	303	0.8	passive	ERG	0.0452	19289	7.1	inHg	9100921-03
S3	2019-10-06		0.23	LK, 2	E	87	3.8	passive	ERG	0.0452	N4087	6.5	inHg	9100921-05
S3	2019-10-12		0.21	2	NW	304	2.2	passive	ERG	0.0452	SAT058	6.8	inHg	9101802-03
S3	2019-10-18		0.18	LK	E	85	2.3	passive	ERG	0.0452	SAT110	6.0	inHg	9102414-03
S3	2019-10-24		0.06		E	85	1.8	passive	ERG	0.0452	A21104	6.0	inHg	9103068-03
S3	2019-11-20		0.33	LK	NW	310	3.2	passive	ERG	0.0452	SAT012	5.9	inHg	9112204-03
S3	2019-11-23		0.41	LK, 2	WSW	244	4.2	passive	ERG	0.0452	AZ47	6.5	inHg	9112712-03
S3	2019-11-29		0.25	LK, 2	NW	317	1.3	passive	ERG	0.0452	5045	7.1	inHg	9120611-03
S3	2019-12-05		0.03	LK, U, 2	WNW	295	2.1	passive	ERG	0.0452	18883	6.2	inHg	9121206-03
S3	2019-12-11		0.11	LK, 2	NW	320	3.1	passive	ERG	0.0452	5071	0.0	inHg	9121840-03
S3	2019-12-17		0.08	2	WNW	294	6.1	passive	ERG	0.0452	19654	0.0	inHg	0010321-03
S3	2019-12-23			AN	ENE	67	4.7	passive	ERG		5139	0.0	inHg	0010321-06
S3	2019-12-31		0.03	2, U	W	275	6.2	passive	ERG	0.0452	18879	0.0	inHg	0010716-02
S3	2020-01-04		0.20	2, LK	WNW	285	7.3	passive	ERG	0.0452	A21045	0.0	inHg	0011422-02
S3	2020-01-10		0.12	LK	ESE	104	5.5	passive	ERG	0.0452	SAT031	1.1	inHg	0011617-03
S3	2020-01-16			AF	NW	311	5.4	passive	ERG		5034	VOID		0012315-03
S3	2020-01-22		0.61		ENE	78	2.2	passive	ERG	0.0452	SAT033	3.8	inHg	0013009-03
S3	2020-01-28		0.73	LK, 2	WNW	301	2.5	passive	ERG	0.0452	5046	6.8	inHg	0020525-03
S3	2020-02-03		0.42		SSW	211	1.9	passive	ERG	0.0452	SAT127	4.3	inHg	0021216-03
S3	2020-02-09		0.68		ESE	103	3	passive	ERG	0.0452	SAT176	3.2	inHg	0021825-03
S3	2020-02-15		0.43	LK, 2	E	93	2.4	passive	ERG	0.0452	5072	6.1	inHg	0022612-03
S3	2020-02-21		0.19	LK	NW	321	2.7	passive	ERG	0.0452	19665	3.8	inHg	0030235-03
S3	2020-02-27		0.31	LK	WNW	301	5.1	passive	ERG	0.0452	A21095	3.0	inHg	0030605-01
S3	2020-03-04		0.44	LK, 2	WSW	241	1.6	passive	ERG	0.0515	5044	6.5	inHg	0031136-02



S3	2020-03-10	0.21	LK	SSW	197	2.1	passive	ERG	0.0515	SAT051	5.1	inHg	0031835-01
S3	2020-03-28	0.28	2	SW	220	2.8	passive	ERG	0.0515	19647	7.1	inHg	0040817-03
S3	2020-04-03	0.62	LK, 2	WNW	284	1.7	passive	ERG	0.0515	5022	6.7	inHg	0041003-03
S3	2020-04-09	0.19	2	WNW	292	5	passive	ERG	0.0515	19282	6.5	inHg	0041620-03
S3	2020-04-15	0.38	2	NW	320	4.3	passive	ERG	0.0515	SAT018	0.0	inHg	0042217-03
S3	2020-04-21	0.97	2	WNW	288	4.4	passive	ERG	0.0515	SAT038	5.4	inHg	0050113-03
S3	2020-04-27	0.42	2	WNW	302	3.5	passive	ERG	0.0515	SAT099	5.1	inHg	0050617-05
S3	2020-05-03	0.95	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5062	7.9	inHg	0051409-03
S3	2020-05-09	0.47	LK	NW	320	3.6	passive	ERG	0.0515	5085	5.8	inHg	0051505-02
S3	2020-05-15	0.20	2	SE	130	3.2	passive	ERG	0.0515	33554	6.9	inHg	0052846-03
S3	2020-05-21	0.50		E	85	1.7	passive	ERG	0.0515	A21106	5.8	inHg	0052917-04
S3	2020-05-27	0.14		E	90	3.2	passive	ERG	0.0515	2527	5.7	inHg	0060506-03
S3	2020-06-02	0.83	LK, 2	S	185	1.7	passive	ERG	0.0515	5043	6.9	inHg	0061733-03
S3	2020-06-08	0.39	2	ESE	120	4.4	passive	ERG	0.0515	A21055	6.6	inHg	0061733-07
S3	2020-06-14	0.17		ENE	70	1.7	passive	ERG	0.0515	110335	6.0	inHg	0062524-03
S3	2020-06-20	0.18	2	NW	321	1.5	passive	ERG	0.0515	18865	6.9	inHg	0062611-03
S3	2020-06-26	1.55	LK, 2	W	275	3.5	passive	ERG	0.0515	5081	6.4	inHg	0070604-03
S3	2020-07-02	0.76	LK, 2	WNW	301	2.1	passive	ERG	0.0515	SAT110	7.0	inHg	0070929-03
S3	2020-07-08	0.44	2	W	280	1	passive	ERG	0.0515	SAT009	6.1	inHg	0071532-03
S3	2020-07-14	0.27	2	WSW	253	1.3	passive	ERG	0.0515	18864	6.8	inHg	0072413-03
S3	2020-07-20	0.89		WSW	258	1	passive	ERG	0.0515	19291	2.3	inHg	0072930-03
S3	2020-07-26	1.26	LK	NNW	340	0.9	passive	ERG	0.0515	5142	4.1	inHg	0080535-03
S3	2020-08-01	0.59	LK	SW	216	2.9	passive	ERG	0.0515	18872	2.5	inHg	0081226-03
S3	2020-08-07	1.49		NE	50	1.7	passive	ERG	0.0515	SAT014	2.6	inHg	0081932-03
S3	2020-08-13	0.91		ESE	109	1.7	passive	ERG	0.0515	19663	5.9	inHg	0082116-03
S3	2020-08-19	2.46	2	SE	125	1.9	passive	ERG	0.0515	19279	8.1	inHg	0082740-03
S3	2020-08-25	1.81	2	E	97	1.2	passive	ERG	0.0515	SAT118	0.0	inHg	0090237-03
S3	2020-08-31	0.35		WSW	238	0.7	passive	ERG	0.0515	18828	1.8	inHg	0090831-03
S3	2020-09-06	0.85		ENE	57	1.7	passive	ERG	0.0515	SAT061	1.3	inHg	0092336-03
S3	2020-09-12	1.67		ESE	105	2.6	passive	ERG	0.0515	SAT056	2.9	inHg	0092336-06
S3	2020-09-18	0.26		NNW	331	2.4	passive	ERG	0.0515	33233	2.5	inHg	0092509-03
S3	2020-09-24	0.47		ESE	104	4.1	passive	ERG	0.0515	A21073	2.6	inHg	0100211-03
S3	2020-09-30	0.83	LK	WNW	283	1.8	passive	ERG	0.0515	5075	4.7	inHg	0100832-03
S3	2020-10-06	0.38		E	87	1.2	passive	ERG	0.0515	A21083	3.2	inHg	0101529-03
S3	2020-10-12	2.51		WNW	283	1.9	passive	ERG	0.0515	35131	4.8	inHg	0102302-03
S3	2020-10-18	0.11	2	E	94	2.4	passive	ERG	0.0515	213	0.0	inHg	0102914-03
S3	2020-10-24	0.22	2	N	3	1.1	passive	ERG	0.0515	19666	11.0	inHg	0110518-03
S3	2020-10-30	0.50	LK, 2	NW	310	4.8	passive	ERG	0.0515	5131	0.0	inHg	0110923-02

S3	2020-11-05	0.27		E	93	0.8	passive	ERG	0.0515	SAT174	2.9	inHg	0111209-03	
S3	2020-11-11	0.52		S	170	1.3	passive	ERG	0.0515	SAT156	5.8	inHg	0112512-03	
S3	2020-11-17	0.27		NW	314	4.7	passive	ERG	0.0515	35117	3.3	inHg	0112512-07	
S3	2020-11-23	0.06		NW	316	3.5	passive	ERG	0.0515	33309	3.2	inHg	0120410-05	
S3	2020-11-29	0.27	LK	ESE	103	2.8	passive	ERG	0.0515	5110	5.1	inHg	0120410-06	
S3	2020-12-05	0.24	LK	WNW	291	3.5	passive	ERG	0.0515	SAT158	2.4	inHg	0121638-03	
S3	2020-12-11	0.26	LK	SSE	148	1	passive	ERG	0.0515	5086	4.9	inHg	0122325-03	
S3	2020-12-17	0.08		WNW	293	4.8	passive	ERG	0.0515	110314	1.9	inHg	0122408-03	
S3	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	114340	3.2	inHg	1010627-03	
S3	2020-12-29	0.28		E	100	2	passive	ERG	0.0515	SAT076	3.9	inHg	1010523-03	
S3	2021-01-04	0.28		SSW	292	1.9	passive	ERG	0.0515	A21047	3.7	inHg	1011515-03	
S3	2021-01-10	0.18		ENE	60	1.5	passive	ERG	0.0515	SAT068	1.5	inHg	1012724-03	
S3	2021-01-16	0.11	LK	W	268	4.4	passive	ERG	0.0515	35118	2.5	inHg	1012724-08	
S3	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19658	0.0	inHg	1020318-03	
S3	2021-01-28	0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	35119	2.8	inHg	1020424-03	
S3	2021-02-03	0.00	ND, U	NW	308	4.2	passive	ERG	0.0472	110335	2.3	inHg	1021021-04	
S3	2021-02-09	0.29		ENE	69	1.5	passive	ERG	0.0472	SAT076	3.8	inHg	1021828-04	
S3	2021-02-15	0.50	D-F, 2	E	98	3.7	passive	ERG	0.0472	SAT114	6.8	inHg	1030328-03	
S3	2021-02-15	QA	0.37	D-F, LK	E	98	3.7	passive	ERG	0.0472	SAT150	1.0	inHg	1030328-04
S3	2021-02-21	0.56		ESE	122	4.3	passive	ERG	0.0472	SAT075	5.9	inHg	1030328-08	
S3	2021-02-27	0.75	LK	ESE	107	2.4	passive	ERG	0.0472	AZ38	2.8	inHg	1031120-02	
S3	2021-03-05		AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible	
S3	2021-03-11	0.68	LK	SSW	194	1.6	passive	ERG	0.0472	AZ39	3.7	inHg	1031638-03	
S3	2021-03-17	0.20		ESE	103	3.1	passive	ERG	0.0472	110322	5.2	inHg	1032431-03	
S3	2021-03-23	0.37	LK	ESE	110	4.3	passive	ERG	0.0472	SAT081	3.6	inHg	1040821-03	
S3	2021-03-29	0.09		NNW	343	2.1	passive	ERG	0.0472	18870	4.8	inHg	1041340-02	
S3	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	19643	2.1	inHg	1042219-02	
S3	2021-04-10	0.15		SSE	161	3.8	passive	ERG	0.0472	114386	4.5	inHg	1042219-06	
S3	2021-04-16	0.37		NNW	333	2.2	passive	ERG	0.0472	A21109	4.1	inHg	1042935-04	
S3	2021-04-22	0.09		WNW	290	1.7	passive	ERG	0.0472	33512	2.0	inHg	1050323-01	
S3	2021-04-28	0.17		SSW	204	1.7	passive	ERG	0.0472	110308	5.0	inHg	1051246-05	
S3	2021-05-04	0.14		SSW	200	2.5	passive	ERG	0.0472	114340	4.9	inHg	1051939-04	
S3	2021-05-10	0.33		W	278	3	passive	ERG	0.0472	110305	4.8	inHg	1051939-07	
S3	2021-05-16	0.94		SSW	198	1.2	passive	ERG	0.0472	A21017	4.1	inHg	1060325-04	
S3	2021-05-22	0.99		ENE	69	1.1	passive	ERG	0.0472	A21078	3.7	inHg	1060241-03	
S3	2021-05-28	0.25		SW	232	3.2	passive	ERG	0.0472	19664	4.9	inHg	1060837-03	
S3	2021-06-03	0.87	LK	SSW	212	2.4	passive	ERG	0.0472	A21002	5.2	inHg	1060925-03	
S3	2021-06-15	0.22		NW	310	4	passive	ERG	0.0472	110305	3.9	inHg	1070113-04	

S3	2021-06-27		0.15		SE	126	2.4	passive	ERG	0.0472	18823	4.8	inHg	1072322-03
S3	2021-07-15		0.23		WSW	252	1.3		ERG	0.0472	114348	5.4	inHg	1072938-04
S3	2021-07-27		0.24		NE	37	1.5		ERG	0.0472	33498	7.5	inHg	1080604-03
S3	2021-08-02		0.44		NW	313	1.9		ERG	0.0472	A21053	4.8	inHg	1081308-02
S3	2021-08-14		0.37	LK	E	101	1.8		ERG	0.0472	SAT030	6.9	inHg	1090124-04
S3	2021-08-26		0.30		SE	124	1.0		ERG	0.0472	33506	7.1	inHg	1090320-02
S4	2019-09-24		0.37	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	5117	8.1	inHg	9092733-04
S4	2019-09-26		0.71	LK, 2	NW	313	1.7	passive	ERG	0.0452	5026	8.1	inHg	9100318-06
S4	2019-09-30		0.25	LK	N	7	0.9	passive	ERG	0.0452	SAT081	2.1	inHg	9100318-07
S4	2019-10-03		1.15	LK	WNW	303	0.8	passive	ERG	0.0452	N4120	2.9	inHg	9100921-08
S4	2019-10-06		0.06		E	87	3.8	passive	ERG	0.0452	A21078	1.9	inHg	9100921-10
S4	2019-10-12		0.21	LK	NW	304	2.2	passive	ERG	0.0452	5012	1.9	inHg	9101802-04
S4	2019-10-18		0.15	LK	E	85	2.3	passive	ERG	0.0452	5138	2.0	inHg	9102414-04
S4	2019-10-24		0.00	U, ND	E	85	1.8	passive	ERG	0.0452	19646	2.0	inHg	9103068-04
S4	2019-11-20	QA	0.26	2	NW	310	3.2	passive	ERG	0.0452	9570	0.0	inHg	9112204-05
S4	2019-11-20		0.15	LK	NW	310	3.2	passive	ERG	0.0452	A22329	2.0	inHg	9112204-04
S4	2019-11-23		0.10		WSW	244	4.2	passive	ERG	0.0452	A21108	2.8	inHg	9112712-04
S4	2019-11-29		0.12	LK	NW	317	1.3	passive	ERG	0.0452	5129	3.2	inHg	9120611-04
S4	2019-12-05		0.16	LK, 2	WNW	295	2.1	passive	ERG	0.0452	5044	1.0	inHg	9121206-04
S4	2019-12-11	QA	0.44	LK, 2	NW	320	3.1	passive	ERG	0.0452	5057	0.0	inHg	9121840-05
S4	2019-12-11		0.11	LK, 2	NW	320	3.1	passive	ERG	0.0452	A22330	0.0	inHg	9121840-04
S4	2019-12-17		0.36	2	WNW	294	6.1	passive	ERG	0.0452	19648	0.0	inHg	0010321-04
S4	2019-12-23			AN	ENE	67	4.7	passive	ERG		A21096	0.0	inHg	0010321-07
S4	2019-12-31		0.22	2, U	W	275	6.2	passive	ERG	0.0452	A21037	0.0	inHg	0010716-03
S4	2020-01-04		1.58	2	WNW	285	7.3	passive	ERG	0.0452	A21002	4.1	inHg	0011422-03
S4	2020-01-10		0.55	LK	ESE	104	5.5	passive	ERG	0.0452	SAT087	4.6	inHg	0011617-04
S4	2020-01-16		0.43	LK	NW	311	5.4	passive	ERG	0.0452	SAT157	5.5	inHg	0012315-04
S4	2020-01-22	QA	0.18		ENE	78	2.2	passive	ERG	0.0452	A21025	2.0	inHg	0013009-05
S4	2020-01-22		0.16		ENE	78	2.2	passive	ERG	0.0452	SAT078	2.1	inHg	0013009-04
S4	2020-01-28		0.49	2	WNW	301	2.5	passive	ERG	0.0452	SAT173	0.0	inHg	0020525-04
S4	2020-02-03		0.38		SSW	211	1.9	passive	ERG	0.0452	19664	3.9	inHg	0021216-04
S4	2020-02-09		0.34		ESE	103	3	passive	ERG	0.0452	A21042	2.2	inHg	0021825-04
S4	2020-02-15		0.45		E	93	2.4	passive	ERG	0.0452	A21051	4.0	inHg	0022612-04
S4	2020-02-15	QA	0.42		E	93	2.4	passive	ERG	0.0452	49	2.2	inHg	0022527-01
S4	2020-02-21		0.15	LK	NW	321	2.7	passive	ERG	0.0452	A21011	2.3	inHg	0030235-04
S4	2020-02-27		0.33	LK	WNW	301	5.1	passive	ERG	0.0452	A21067	1.7	inHg	0030536-03
S4	2020-03-04		0.62		WSW	241	1.6	passive	ERG	0.0515	A21094	3.2	inHg	0031013-02
S4	2020-03-10		0.30		SSW	197	2.1	passive	ERG	0.0515	A21040	3.5	inHg	0031722-03

S4	2020-03-28		0.40		SW	220	2.8	passive	ERG	0.0515	A21084	2.3	inHg	0040817-04
S4	2020-03-28	QA	0.36	LK, 2	SW	220	2.8	passive	ERG	0.0515	5080	6.2	inHg	0040817-05
S4	2020-04-03		0.40	LK	WNW	284	1.7	passive	ERG	0.0515	5116	1.2	inHg	0041003-04
S4	2020-04-09	QA	0.72	2	WNW	292	5	passive	ERG	0.0515	SAT081	0.0	inHg	0041620-05
S4	2020-04-09		0.68		WNW	292	5	passive	ERG	0.0515	A21017	1.2	inHg	0041620-04
S4	2020-04-15		0.27	2	NW	320	4.3	passive	ERG	0.0515	A21083	0.0	inHg	0042217-04
S4	2020-04-21	QA	0.96	2	WNW	288	4.4	passive	ERG	0.0515	SAT182	4.3	inHg	0050113-05
S4	2020-04-21		0.29	2	WNW	288	4.4	passive	ERG	0.0515	18832	0.0	inHg	0050113-04
S4	2020-04-27		0.89	2	WNW	302	3.5	passive	ERG	0.0515	SAT173	0.0	inHg	0050617-03
S4	2020-05-03		1.16		WSW	255	2.6	passive	ERG	0.0515	SAT058	2.5	inHg	0051409-04
S4	2020-05-09	QA	0.72		NW	320	3.6	passive	ERG	0.0515	SAT071	1.2	inHg	0051505-04
S4	2020-05-09		0.53	LK	NW	320	3.6	passive	ERG	0.0515	5124	1.0	inHg	0051505-03
S4	2020-05-15		0.29		SE	130	3.2	passive	ERG	0.0515	A21025	1.9	inHg	0052846-04
S4	2020-05-21		0.26		E	85	1.7	passive	ERG	0.0515	A22328	1.0	inHg	0052917-05
S4	2020-05-27		1.18	2	E	90	3.2	passive	ERG	0.0515	SAT131	0.0	inHg	0060506-04
S4	2020-06-02		0.90		S	185	1.7	passive	ERG	0.0515	SAT018	1.2	inHg	0061733-04
S4	2020-06-08		0.71	LK	ESE	120	4.4	passive	ERG	0.0515	5106	1.8	inHg	0061733-08
S4	2020-06-08	QA	0.20	2	ESE	120	4.4	passive	ERG	0.0515	19288	0.0	inHg	0061733-09
S4	2020-06-14		0.15	2	ENE	70	1.7	passive	ERG	0.0515	A21010	0.0	inHg	0062524-04
S4	2020-06-20		0.49		NW	321	1.5	passive	ERG	0.0515	A21095	1.4	inHg	0062611-04
S4	2020-06-26		0.78	LK	W	275	3.5	passive	ERG	0.0515	5091	1.0	inHg	0070604-04
S4	2020-07-02		0.85	LK	WNW	301	2.1	passive	ERG	0.0515	A21015	1.2	inHg	0070929-04
S4	2020-07-08	QA	0.60	2	W	280	1	passive	ERG	0.0515	A21036	0.0	inHg	0071532-05
S4	2020-07-08		0.44	2	W	280	1	passive	ERG	0.0515	A21082	0.0	inHg	0071532-04
S4	2020-07-14		0.86	2	WSW	253	1.3	passive	ERG	0.0515	53	0.0	inHg	0072413-04
S4	2020-07-20		0.45	LK, 2	WSW	258	1	passive	ERG	0.0515	5044	0.0	inHg	0072930-04
S4	2020-07-26		0.53		NNW	340	0.9	passive	ERG	0.0515	49	4.7	inHg	0080535-04
S4	2020-08-01		0.83	LK	SW	216	2.9	passive	ERG	0.0515	5106	5.1	inHg	0081226-04
S4	2020-08-07	QA	0.87	2, D-F	NE	50	1.7	passive	ERG	0.0515	SAT156	0.0	inHg	0081932-05
S4	2020-08-07		0.59	D-F	NE	50	1.7	passive	ERG	0.0515	35131	4.0	inHg	0081932-04
S4	2020-08-13		0.74	2	ESE	109	1.7	passive	ERG	0.0515	A21056	7.8	inHg	0082116-04
S4	2020-08-19			AO	SE	125	1.9	passive	ERG	0.0515	A21069	17.1	inHg	0082740-04
S4	2020-08-25			DA	E	97	1.2	passive	ERG	0.0515	A21084	11.8	inHg	0090237-04
S4	2020-08-31			AA	WSW	238	0.7	passive	ERG	0.0515	A21077	16.8	inHg	0090831-04
S4	2020-09-06			AN	ENE	57	1.7	passive	ERG		SAT173	29.2	inHg	0092336-08
S4	2020-09-12		1.19	2	ESE	105	2.6	passive	ERG	0.0515	A21102	0.0	inHg	0092336-07
S4	2020-09-18	QA	1.22		NNW	331	2.4	passive	ERG	0.0515	44	5.0	inHg	0092509-05
S4	2020-09-18		0.00	2, ND, U	NNW	331	2.4	passive	ERG	0.0515	9570	0.0	inHg	0092509-04

S4	2020-09-24		0.37		ESE	104	4.1	passive	ERG	0.0515	A21088	1.0	inHg	0100211-04
S4	2020-09-30		0.36	LK	WNW	283	1.8	passive	ERG	0.0515	5093	2.8	inHg	0100832-04
S4	2020-10-06		0.17		E	87	1.2	passive	ERG	0.0515	18873	1.9	inHg	0101529-04
S4	2020-10-12		0.78	LK	WNW	283	1.9	passive	ERG	0.0515	22325	3.1	inHg	0102302-04
S4	2020-10-18		0.00	U, ND	E	94	2.4	passive	ERG	0.0515	114366	1.6	inHg	0102914-04
S4	2020-10-24		0.33		N	3	1.1	passive	ERG	0.0515	A21021	5.0	inHg	0110518-04
S4	2020-10-30		0.35		NW	310	4.8	passive	ERG	0.0515	A21106	1.6	inHg	0110923-03
S4	2020-10-30	QA	0.10		NW	310	4.8	passive	ERG	0.0515	19660	3.5	inHg	0110923-04
S4	2020-11-05		0.19		E	93	0.8	passive	ERG	0.0515	A21055	1.3	inHg	0111209-04
S4	2020-11-11		0.90	LK	S	170	1.3	passive	ERG	0.0515	SAT023	4.8	inHg	0112512-04
S4	2020-11-17		0.16	2	NW	314	4.7	passive	ERG	0.0515	A21050	0.0	inHg	0112512-08
S4	2020-11-17	QA	0.15	2	NW	314	4.7	passive	ERG	0.0515	A21026	0.0	inHg	0112512-09
S4	2020-11-23		0.06		NW	316	3.5	passive	ERG	0.0515	A21044	1.9	inHg	0120410-07
S4	2020-11-29		0.11		ESE	103	2.8	passive	ERG	0.0515	A21074	4.6	inHg	0120410-08
S4	2020-12-05			AL	WNW	291	3.5	passive	ERG		SAT148	26.9	inHg	0121714-01
S4	2020-12-11		0.59		SSE	148	1	passive	ERG	0.0515	A21006	2.8	inHg	0122325-04
S4	2020-12-17		0.17		WNW	293	4.8	passive	ERG	0.0515	A21058	4.8	inHg	0122408-04
S4	2020-12-17	QA	0.17	2, LK	WNW	293	4.8	passive	ERG	0.0515	5076	0.0	inHg	0122408-05
S4	2020-12-23		0.15		ESE	114	3.3	passive	ERG	0.0515	35139	2.1	inHg	1010627-04
S4	2020-12-29		0.14		E	100	2	passive	ERG	0.0515	114344	2.9	inHg	1010523-04
S4	2021-01-04		0.13		SSW	292	1.9	passive	ERG	0.0515	A21050	2.2	inHg	1011515-04
S4	2021-01-10		0.18	2	ENE	60	1.5	passive	ERG	0.0515	A21099	0.0	inHg	1012724-04
S4	2021-01-10	QA	0.13	2	ENE	60	1.5	passive	ERG	0.0515	SAT020	0.0	inHg	1012724-05
S4	2021-01-16		0.07		W	268	4.4	passive	ERG	0.0515	19647	2.1	inHg	1012724-09
S4	2021-01-22		0.54	LK	NNW	329	1	passive	ERG	0.0515	5040	2.9	inHg	1020318-04
S4	2021-01-28		0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	A21109	2.3	inHg	1020424-04
S4	2021-02-03		0.07		NW	308	4.2	passive	ERG	0.0472	110322	1.9	inHg	1021021-05
S4	2021-02-09		0.23		ENE	69	1.5	passive	ERG	0.0472	213	2.0	inHg	1021828-05
S4	2021-02-15		0.38	D-F	E	98	3.7	passive	ERG	0.0472	SAT145	2.8	inHg	1030328-05
S4	2021-02-21	QA	0.37	2	ESE	122	4.3	passive	ERG	0.0472	SAT185	0.0	inHg	1030328-09
S4	2021-02-21		0.29	2, LK	ESE	122	4.3	passive	ERG	0.0472	A21067	0.0	inHg	1030328-10
S4	2021-02-27	QA	0.29	2	ESE	107	2.4	passive	ERG	0.0472	A21031	0.0	inHg	1031031-02
S4	2021-02-27		0.20		ESE	107	2.4	passive	ERG	0.0472	A21065	4.1	inHg	1031120-03
S4	2021-03-05			AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S4	2021-03-11		0.25		SSW	194	1.6	passive	ERG	0.0472	A21053	5.2	inHg	1031638-04
S4	2021-03-17		0.22		ESE	103	3.1	passive	ERG	0.0472	A21101	4.2	inHg	1032431-04
S4	2021-03-23		0.87	LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT029	5.0	inHg	1040821-04
S4	2021-03-23	QA	0.61	LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT043	4.9	inHg	1040821-05

S4	2021-03-29	0.25		NNW	343	2.1	passive	ERG	0.0472	A21098	5.9	inHg	1041340-05	
S4	2021-04-04	0.12		WNW	291	1.7	passive	ERG	0.0472	18828	3.9	inHg	1042219-03	
S4	2021-04-10	0.33		SSE	161	3.8	passive	ERG	0.0472	A21108	5.9	inHg	1042219-07	
S4	2021-04-16	0.44	LK	NNW	333	2.2	passive	ERG	0.0472	A21033	5.2	inHg	1042935-03	
S4	2021-04-22	QA	0.50	D-F	WNW	290	1.7	passive	ERG	0.0472	18880	5.8	inHg	1043024-03
S4	2021-04-22	0.32	2, D-F	WNW	290	1.7	passive	ERG	0.0472	111219	6.1	inHg	1050719-01	
S4	2021-04-28	0.27	2	SSW	204	1.7	passive	ERG	0.0472	A21026	6.5	inHg	1051246-04	
S4	2021-05-04	0.49		SSW	200	2.5	passive	ERG	0.0472	A22304	5.8	inHg	1051939-03	
S4	2021-05-10	0.17	2	W	278	3	passive	ERG	0.0472	110258	6.1	inHg	1051939-08	
S4	2021-05-16	0.11		SSW	198	1.2	passive	ERG	0.0472	19647	5.8	inHg	1060325-05	
S4	2021-05-22	0.11		ENE	69	1.1	passive	ERG	0.0472	19295	5.1	inHg	1060325-06	
S4	2021-05-28	0.35	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21005	6.2	inHg	1060925-04	
S4	2021-05-28	QA	0.25	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21104	6.3	inHg	1060837-05
S4	2021-06-03	0.12		SSW	212	2.4	passive	ERG	0.0472	A21089	6.3	inHg	1060837-04	
S4	2021-06-15	0.15		NW	310	4	passive	ERG	0.0472	110257	5.3	inHg	1070113-05	
S4	2021-06-27	0.08		SE	126	2.4	passive	ERG	0.0472	33490	4.7	inHg	1072322-04	
S5	2019-09-24	2.04		NW	304	2.5	passive	ERG	0.0452	19300	2.0	inHg	9092730-01	
S5	2019-09-25		AN				passive	ERG		SAT059	VOID		9100921-07	
S5	2019-09-30	0.32		N	7	0.9	passive	ERG	0.0452	A21101	2.0	inHg	9100921-01	
S6	2019-12-23		AN	ENE	67	4.7	passive	ERG		SAT021	0.0	inHg	0010324-02	
S6	2019-12-23		AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible	
S6	2019-12-31	0.14	LK	W	275	6.2	passive	ERG	0.0452	5059	1.2	inHg	0010716-04	
S6	2020-01-04	0.25	2, LK	WNW	285	7.3	passive	ERG	0.0452	SAT109	0.0	inHg	0011422-04	
S6	2020-05-15	0.86	LK	SE	130	3.2	passive	ERG	0.0515	SAT088	3.5	inHg	0052846-05	
S6	2020-06-20	0.24	2	NW	321	1.5	passive	ERG	0.0515	18883	8.1	inHg	0062611-05	
S6	2020-07-20	0.30		WSW	258	1	passive	ERG	0.0515	19277	1.6	inHg	0072930-05	
S6	2020-11-23	0.00	2, U, ND	NW	316	3.5	passive	ERG	0.0515	19644	0.0	inHg	0120410-09	
S6	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	18874	1.3	inHg	1010722-01	
S6	2021-06-27	0.25		SE	126	2.4	passive	ERG	0.0472	33532	8	inHg	1072322-05	
S6	2021-07-27	0.50	LK	WSW	252	1.3		ERG	0.0472	A21097	8.2	inHg	1080604-05	
S6	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	110335	6.1	inHg	1090320-03	
S6	2021-09-19	0.26	LK	E	96	1.8		ERG	0.0472	19340	6.8	inHg	1100727-02	
S6	2021-10-13	0.36		ESE	102	0.4		EPD	0.0288	114394	0	inHg	AK87854	
S7	2019-12-23		AN	ENE	67	4.7	passive	ERG		5024	VOID		0010324-03	
S7	2019-12-23		AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible	
S7	2019-12-31	0.17	2	W	275	6.2	passive	ERG	0.0452	SAT014	0.0	inHg	0010716-05	
S7	2020-01-04		AF	WNW	285	7.3	passive	ERG		SAT176	25.1	inHg	0011422-05	
S7	2020-01-22	0.10	U	ENE	78	2.2	passive	ERG	0.0452	18831	1.0	inHg	0012928-01	

S7	2020-02-27	0.15	LK	WNW	301	5.1	passive	ERG	0.0452	18884	2.4	inHg	0030605-02
S7	2020-03-28	0.34	2	SW	220	2.8	passive	ERG	0.0515	18876	8.1	inHg	0040817-06
S7	2020-04-27	0.41		WNW	302	3.5	passive	ERG	0.0515	18878	4.8	inHg	0050617-04
S7	2020-05-15	1.46	LK, 2	SE	130	3.2	passive	ERG	0.0515	5075	8.9	inHg	0052846-06
S7	2020-05-27	1.09	LK, 2	E	90	3.2	passive	ERG	0.0515	SAT109	7.1	inHg	0060506-05
S7	2020-06-20	0.62	LK, 2	NW	321	1.5	passive	ERG	0.0515	5108	0.0	inHg	0062611-06
S7	2020-07-20	0.68	2	WSW	258	1	passive	ERG	0.0515	SAT003	0.0	inHg	0072930-06
S7	2020-08-19		AF	SE	125	1.9	passive					Did Not Collect	No sample ID possible
S7	2020-09-24	0.37		ESE	104	4.1	passive	ERG	0.0515	SAT179	4.9	inHg	0100211-05
S7	2020-10-30	0.20		NW	310	4.8	passive	ERG	0.0515	A21040	3.5	inHg	0110604-02
S7	2020-11-23	0.09		NW	316	3.5	passive	ERG	0.0515	33503	2.0	inHg	0120410-10
S7	2020-12-23		AN				passive	ERG	0.0515	A21103	29.6	inHg	1010523-05
S7	2021-01-28	0.00	2, ND, U	NW	317	6.6	passive	ERG	0.0515	114386	0.0	inHg	1020424-05
S7	2021-02-27	0.09		ESE	107	2.4	passive	ERG	0.0472	A21074	1.5	inHg	1031120-04
S7	2021-03-29	0.13	2	NNW	343	2.1	passive	ERG	0.0472	18881	6.1	inHg	1041340-04
S7	2021-04-28	0.49	2	SSW	204	1.7	passive	ERG	0.0472	SAT012	7.0	inHg	1051246-03
S7	2021-05-22	0.24	LK	ENE	69	1.1	passive	ERG	0.0472	33544	5.8	inHg	1060325-07
S7	2021-06-27	0.99		SE	126	2.4	passive	ERG	0.0472	A21105	7.5	inHg	1072322-06
S7	2021-07-27	1.31		WSW	252	1.3		ERG	0.0472	35135	10.2	inHg	1080604-04
S7	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	A21010	8.8	inHg	1090320-04
S7	2021-09-19	0.28	LK	E	96	1.8		ERG	0.0472	33498	6.1	inHg	1100727-03
S7	2021-10-13	0.29		ESE	102	0.4		EPD	0.0288	110326	0	inHg	AK87853
South DeKalb	2019-06-14		AS	SSE	166	0.1	ATEC	EPA					E192601-01
South DeKalb	2019-08-13	0.10		SW	225	0.1	ATEC	ERG	0.0452	114308	14	psig	9082209-03
South DeKalb	2019-08-16	QA 0.20	LK	WNW	288	0.2	ATEC	ERG	0.0452	S/N00012	12	psig	9082209-02
South DeKalb	2019-08-16	0.11		WNW	288	0.2	ATEC	ERG	0.0452	S/N00013	12	psig	9082209-01
South DeKalb	2019-09-04	0.10		NE	35	0.1	ATEC	ERG	0.0452	110335	8	psig	9091129-01
South DeKalb	2019-09-19	0.09	2	ESE	105	0.7	passive	ERG	0.0452	18826	11.2	psig	9092560-01
South DeKalb	2019-09-20	0.16		ESE	107	0.4	ATEC	ERG	0.0452	114369	12	psig	9092609-01
South DeKalb	2019-09-24	0.35	LK,2	WNW	303	0.2	passive	ERG	0.0452	5004	7.2	inHg	9092728-01
South DeKalb	2019-09-26	0.33	LK, 2	NW	324	0.1	passive	ERG	0.0452	5063	6.3	inHg	9100319-02
South DeKalb	2019-09-30	0.24		W	264	0.1	passive	ERG	0.0452	A21046	0.7	inHg	9100319-01
South DeKalb	2019-10-03	0.29	LK	WNW	297	0.1	passive	ERG	0.0452	SAT099	2.2	inHg	9100923-01
South DeKalb	2019-10-06	0.14		ENE	78	0.6	passive	ERG	0.0452	SAT158	2.5	inHg	9100923-02
South DeKalb	2019-10-12	0.33	LK	WNW	286	0.3	passive	ERG	0.0452	A21103	3.0	inHg	9102315-01
South DeKalb	2019-10-19	0.10		ENE	69	0.8	passive	ERG	0.0452	A21013	2.2	inHg	9102508-01
South DeKalb	2019-10-24		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2019-10-27		AF				passive	ERG				Did Not Collect	No sample ID possible

South DeKalb	2019-10-30	0.13		SE	127	0.1	passive	ERG	0.0452	A21009	4.6	inHg	9110119-01	
South DeKalb	2019-11-01		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-11-03		AF				passive					Did Not Collect	No sample ID possible	
South DeKalb	2019-11-05		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-11-08	0.14		NW	306	0.3	passive	ERG	0.0452	A21025	3.1	inHg	9111413-01	
South DeKalb	2019-11-13	0.13		E	93	0.6	passive	ERG	0.0452	SAT123	1.9	inHg	9111510-01	
South DeKalb	2019-11-15	0.26	LK	N	2	0.1	passive	ERG	0.0452	5133	2.2	inHg	9111924-01	
South DeKalb	2019-11-20	0.75	LK	WNW	298	0.2	passive	ERG	0.0452	5026	3.8	inHg	9120424-01	
South DeKalb	2019-11-20	1.18	LK	WNW	298	0.2	passive	EPA					E195002-01	
South DeKalb	2019-11-23	0.08	2, U	WSW	251	0.5	passive	ERG	0.0452	19277	0.0	inHg	9120424-02	
South DeKalb	2019-11-29	0.25	2, LK	SSE	149	0.1	passive	ERG	0.0452	SAT002	0.0	inHg	9120612-01	
South DeKalb	2019-12-05	0.16	LK	WNW	296	0.2	passive	ERG	0.0452	49	3.6	inHg	9121208-01	
South DeKalb	2019-12-08	0.05	LK	E	92	1.5	passive	ERG	0.0452	A21054	4.1	inHg	9121208-02	
South DeKalb	2019-12-11	0.03	U	NW	323	0.4	passive	ERG	0.0452	18864	3.2	inHg	9121842-01	
South DeKalb	2019-12-14	0.22	LK	WNW	288	0.8	passive	ERG	0.0452	SAT075	3.2	inHg	9121842-02	
South DeKalb	2019-12-17	0.15	LK	WNW	292	0.6	passive	ERG	0.0452	5015	5.6	inHg	9122018-01	
South DeKalb	2019-12-19	0.28	LK, 2	ESE	118	0.1	passive	ERG	0.0452	SAT110	0.0	inHg	0010718-01	
South DeKalb	2019-12-23		AN	ENE	65	1.5	passive	ERG		9570	VOID		0010324-01	
South DeKalb	2019-12-31	0.13	LK	WNW	287	1.2	passive	ERG	0.0452	5004	1.4	inHg	0010718-02	
South DeKalb	2020-01-04	0.16	2	WNW	292	1.3	passive	ERG	0.0452	A21084	0.0	inHg	0010908-01	
South DeKalb	2020-01-07	0.04	2, VB, U	WNW	285	1.1	passive	ERG	0.0452	A21058	0.0	inHg	0011706-01	
South DeKalb	2020-01-10		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2020-01-16	0.24	LK	NW	306	0.6	passive	ERG	0.0452	SAT178	5.7	inHg	0012314-01	
South DeKalb	2020-01-22	0.42		E	86	0.4	passive	ERG	0.0452	A21100	2.9	inHg	0020428-01	
South DeKalb	2020-01-28	QA	0.46	LK	WNW	293	0.5	passive	ERG	0.0452	5018	3.3	inHg	0020523-02
South DeKalb	2020-01-28		AN	WNW	293	0.5	passive	ERG		18828	28.9	inHg	0020523-01	
South DeKalb	2020-02-03	0.32		SW	224	0.4	passive	ERG	0.0452	A21058	5.3	inHg	0021217-01	
South DeKalb	2020-02-03	QA	0.27		224	0.4	passive	ERG	0.0452	A21032	2.9	inHg	0021312-01	
South DeKalb	2020-02-09		SC	ESE	104	0.8	passive	ERG	0.0452	A21070	3.2	inHg	0022018-01	
South DeKalb	2020-02-15	0.47	LK	E	97	0.5	passive	ERG	0.0452	SAT164	4.1	inHg	0022424-01	
South DeKalb	2020-02-15	0.08		E	97	0.5	passive	EPD		110327	3.9	inHg	AK41088	
South DeKalb	2020-02-21	0.17		N	357	0.2	passive	ERG	0.0452	18870	3.3	inHg	0022815-01	
South DeKalb	2020-02-27	0.13	2, LK	WNW	298	1.1	passive	ERG	0.0452	SAT157	0.0	inHg	0030607-01	
South DeKalb	2020-03-04	QA	0.86	LK	NW	319	0.1	passive	ERG	0.0515	SAT137	5.8	inHg	0031323-02
South DeKalb	2020-03-04	0.21		NW	319	0.1	passive	ERG	0.0515	19284	4.7	inHg	0031323-01	
South DeKalb	2020-03-10	QA	0.24		215	0.3	ATEC	ERG	0.0515	SAT117	13.2	inHg	0031837-01	
South DeKalb	2020-03-10	0.18		SW	215	0.3	passive	EPD		110315	4	inHg	AK42365	
South DeKalb	2020-03-16	0.46		E	84	0.9	passive	ERG	0.0515	SAT016	4.5	inHg	0032320-01	



South DeKalb	2020-03-22	QA	0.30		E	90	0.8	ATEC	ERG	0.0515	A21101	12.9	psi	0040114-02
South DeKalb	2020-03-22		0.15		E	90	0.8	passive	ERG	0.0515	SAT120	3.3	inHg	0040114-01
South DeKalb	2020-03-22			AL	E	90	0.8	passive	EPD		114331	VOID		AK42363
South DeKalb	2020-03-28		0.37	2	SW	235	0.6	passive	ERG	0.0515	44	6.2	inHg	0040815-01
South DeKalb	2020-03-28		0.18		SW	235	0.6	passive	EPD		110304	4	inHg	AK42362
South DeKalb	2020-04-03		1.00	LK	W	278	0.3	passive	ERG	0.0515	5029	4.9	inHg	0041004-01
South DeKalb	2020-04-03	QA	0.47	2	W	278	0.3	passive	ERG	0.0515	SAT042	0.0	inHg	0041004-02
South DeKalb	2020-04-09		0.15		WNW	291	1	passive	ERG	0.0515	18873	5.5	inHg	0041708-01
South DeKalb	2020-04-15		0.16	2	NW	306	0.5	passive	ERG	0.0515	A21035	0.0	inHg	0042221-01
South DeKalb	2020-04-15			AA	NW	306	0.5	ATEC	ERG	0.0515	A21042	27.56		0042221-02
South DeKalb	2020-04-21		0.84	2	WNW	287	0.8	passive	ERG	0.0515	A21071	13.1	inHg	0050115-01
South DeKalb	2020-04-27		0.92	LK, 2	WNW	291	0.5	passive	ERG	0.0515	5121	6.3	inHg	0050618-01
South DeKalb	2020-05-03	QA	0.60	LK	WSW	255	0.4	passive	ERG	0.0515	22325	4.1	inHg	0051325-02
South DeKalb	2020-05-03		0.40	LK, 2	WSW	255	0.4	passive	ERG	0.0515	5102	7.1	inHg	0051325-01
South DeKalb	2020-05-09		0.16	2	WNW	291	0.3	passive	ERG	0.0515	SAT130	4.1	inHg	0051507-01
South DeKalb	2020-05-15		0.50	2	SE	127	0.4	passive	ERG	0.0515	A21097	0.0	inHg	0052849-01
South DeKalb	2020-05-21		0.20		ESE	111	0.2	passive	ERG	0.0515	A21013	5.0	inHg	0052916-01
South DeKalb	2020-05-27			AO	E	93	0.5	passive	ERG		A21080	18.2	inHg	0060509-01
South DeKalb	2020-05-29		0.21		WNW	291	0.3	passive	EPD		35450	4	inHg	AK46103
South DeKalb	2020-06-02		0.53		S	177	0.2	passive	ERG	0.0515	A21001	1.5	inHg	0061041-01
South DeKalb	2020-06-02	QA	0.14		S	177	0.2	passive	ERG	0.0515	33297	4.0	inHg	0061041-02
South DeKalb	2020-06-02			AQ	S	177	0.2	passive	EPD		35013	VOID		AK46849
South DeKalb	2020-06-08		1.15		ESE	110	0.7	passive	ERG	0.0515	35117	3.0	inHg	0061734-01
South DeKalb	2020-06-08		0.87		ESE	110	0.7	passive	EPD		35007	5	inHg	AK46850
South DeKalb	2020-06-14		0.39	LK	ESE	119	0.1	passive	ERG	0.0515	5119	3.8	inHg	0061906-01
South DeKalb	2020-06-20		0.82		WNW	295	0.2	passive	ERG	0.0515	A21047	2.0	inHg	0070605-01
South DeKalb	2020-06-20			AF	WNW	295	0.2	passive	EPD		35448	VOID		AK46935
South DeKalb	2020-06-26		0.60		WNW	289	0.7	passive	ERG	0.0515	A21071	2.9	inHg	0070841-01
South DeKalb	2020-06-26		0.10		WNW	289	0.7	passive	EPD		35457	5	inHg	AK46934
South DeKalb	2020-07-02	QA	0.93	LK	WNW	283	0.1	passive	ERG	0.0515	SAT151	4.9	inHg	0070931-02
South DeKalb	2020-07-02		0.80	LK	WNW	283	0.1	passive	ERG	0.0515	5006	3.7	inHg	0070931-01
South DeKalb	2020-07-08		0.99		SW	233	0.05	passive	EPD		35471	3.9	inHg	AK46936
South DeKalb	2020-07-08		0.82		SW	233	0.05	passive	ERG	0.0515	SAT016	2.1	inHg	0071714-01
South DeKalb	2020-07-14		1.08	LK	W	263	0.1	passive	ERG	0.0515	5104	3.2	inHg	0072415-01
South DeKalb	2020-07-14		0.63		W	263	0.1	passive	EPD		35644	5	inHg	AK49486
South DeKalb	2020-07-20		3.76		WSW	251	0.1	passive	ERG	0.0515	A21050	2.0	inHg	0072932-01
South DeKalb	2020-07-20		0.17		WSW	251	0.1	passive	EPD		35009	2	inHg	AK49485
South DeKalb	2020-07-26		1.19		SW	214	0.1	passive	EPD		35733	1.5	inHg	AK49487

South DeKalb	2020-07-26		0.51		SW	214	0.1	passive	ERG	0.0515	SAT064	2.8	inHg	0080537-01
South DeKalb	2020-07-26			AF	SW	214	0.1	passive	EPD		35771	VOID		AK49488
South DeKalb	2020-08-01	QA	0.46		SSW	211	0.3	passive	ERG	0.0515	A21065	1.5	inHg	0081409-03
South DeKalb	2020-08-01		0.20	2, LK	SSW	211	0.3	passive	ERG	0.0515	A21074	0.0	inHg	0081409-01
South DeKalb	2020-08-07		0.95		SSE	168	0.1	passive	ERG	0.0515	A21098	1.0	inHg	0081409-02
South DeKalb	2020-08-07		0.72		SSE	168	0.1	passive	EPD		35007	1.7	inHg	AK51529
South DeKalb	2020-08-13		2.91	LK	W	272	0.1	passive	ERG	0.0515	SAT077	5.5	inHg	0082119-01
South DeKalb	2020-08-13		0.34		W	272	0.1	passive	EPD		35651	5	inHg	AK55445
South DeKalb	2020-08-19		5.72		SE	129	0.2	passive	EPD		35872	1.5	inHg	AK57040
South DeKalb	2020-08-19		0.74		SE	129	0.2	passive	ERG	0.0515	33503	3.3	inHg	0082741-01
South DeKalb	2020-08-25		1.08		E	85	0.1	passive	EPD		35013	1	inHg	AK51531
South DeKalb	2020-08-25		0.41		E	85	0.1	passive	ERG	0.0515	19660	1.7	inHg	0090240-01
South DeKalb	2020-08-31		0.97	2	WSW	255	0.1	passive	ERG	0.0515	A21028	0.0	inHg	0090414-01
South DeKalb	2020-08-31		0.75		WSW	255	0.1	passive	EPD		35799	2	inHg	AK52474
South DeKalb	2020-09-06		1.55	2	E	95	0.1	passive	ERG	0.0515	53	0.0	inHg	0091632-01
South DeKalb	2020-09-12		0.62	LK	ESE	103	0.5	passive	ERG	0.0515	5062	4.2	inHg	0092334-01
South DeKalb	2020-09-18	QA	0.33	LK, 2, D-F	WNW	292	0.1	passive	ERG	0.0515	19300	1.1	inHg	0093026-03
South DeKalb	2020-09-18			DA	LK, 2, D-F	WNW	292	0.1	passive	ERG	0.0515	35149	VOID	0093026-01
South DeKalb	2020-09-24		0.38	LK	E	101	0.6	passive	ERG	0.0515	5072	1.6	inHg	0093026-02
South DeKalb	2020-09-30		0.60	2, LK	W	279	0.4	passive	ERG	0.0515	SAT021	0.0	inHg	0100835-01
South DeKalb	2020-10-06	QA	0.70	LK, D-F, 2	ESE	108	0.1	passive	ERG	0.0515	5066	6.1	inHg	0101531-02
South DeKalb	2020-10-06		0.53	LK, D-F	ESE	108	0.1	passive	ERG	0.0515	5073	2.3	inHg	0101531-01
South DeKalb	2020-10-06		0.23		ESE	108	0.1	passive	EPD		35792	1	inHg	AK57552
South DeKalb	2020-10-12		1.36		W	281	0.3	passive	EPD		35827	1	inHg	AK57553
South DeKalb	2020-10-12		0.24		W	281	0.3	passive	ERG	0.0515	18876	1.8	inHg	0101606-01
South DeKalb	2020-10-18		0.17	2	ESE	107	0.3	passive	ERG	0.0515	114344	0.0	inHg	0102917-01
South DeKalb	2020-10-18		0.09		ESE	107	0.3	passive	EPD		35648	0	inHg	AK60669
South DeKalb	2020-10-24		0.86		SE	140	0.1	passive	EPD		35457	9	inHg	AK60670
South DeKalb	2020-10-24		0.70	2	SE	140	0.1	passive	ERG	0.0515	A21089	9.5	inHg	0103007-01
South DeKalb	2020-10-30		3.72		WNW	296	0.8	passive	EPD		35651	0	inHg	AK60671
South DeKalb	2020-10-30		1.05	2, LK	WNW	296	0.8	passive	ERG	0.0515	SAT028	0.0	inHg	0111124-01
South DeKalb	2020-10-30			AF	WNW	296	0.8	passive	EPA					0111124-01
South DeKalb	2020-11-05		2.26		ESE	110	0.1	passive	EPD		35872	0	inHg	AK62779
South DeKalb	2020-11-05		0.82	LK, 2	ESE	110	0.1	passive	ERG	0.0515	SAT164	0.0	inHg	0111825-01
South DeKalb	2020-11-05	QA	0.18		ESE	110	0.1	passive	ERG	0.0515	A21015	3.8	inHg	0111825-03
South DeKalb	2020-11-11		0.46	LK	ESE	106	0.1	passive	ERG	0.0515	SAT151	5.0	inHg	0111825-02
South DeKalb	2020-11-11		0.17		ESE	106	0.1	passive	EPD		35009	1.5	inHg	AK62780
South DeKalb	2020-11-11		0.6	LK, J, QL	ESE	106	0.1	passive	EPA					0111825-02

South DeKalb	2020-11-17	1.11		NW	307	0.5	passive	EPD		35821	0.4	psi	AK62781
South DeKalb	2020-11-17	0.13		NW	307	0.5	passive	ERG	0.0515	A21025	3.0	inHg	0112514-01
South DeKalb	2020-11-23	0.22	LK	NW	312	0.5	passive	ERG	0.0515	5006	5.5	inHg	0120413-01
South DeKalb	2020-11-23	0.17		NW	312	0.5	passive	EPD		35815	0.4	psi	AK64351
South DeKalb	2020-11-29	0.31	LK	E	89	0.7	passive	ERG	0.0515	5100	5.1	inHg	0121015-01
South DeKalb	2020-11-29		AF	E	89	0.7	passive	EPD		35771	VOID		AK64352
South DeKalb	2020-12-05	0.57		WNW	292	0.7	passive	EPD		35806	0	inHg	AK64347
South DeKalb	2020-12-05	0.17	LK	WNW	292	0.7	passive	ERG	0.0515	5101	0.0	inHg	0121641-01
South DeKalb	2020-12-11	0.38		ESE	118	0.1	passive	EPD		35701	0	inHg	AK64348
South DeKalb	2020-12-11	QA		ESE	118	0.1	passive	ERG	0.0515	35136	4	inHg	0122328-02
South DeKalb	2020-12-11	0.14		ESE	118	0.1	passive	ERG	0.0515	A21036	1.9	inHg	0122328-01
South DeKalb	2020-12-17	0.29	LK	WNW	293	1	passive	ERG	0.0515	22325	1.8	inHg	0123027-01
South DeKalb	2020-12-17	0.09		WNW	293	1	passive	EPD		35872	0.8	psi	AK65737
South DeKalb	2020-12-23	0.24		ESE	109	0.6	passive	EPD		35792	0.8	psi	AK65736
South DeKalb	2020-12-23	0.10		ESE	109	0.6	ATEC	ERG	0.0515	110305	10	psig	1010721-01
South DeKalb	2020-12-23	0.09		ESE	109	0.6	passive	ERG	0.0515	114348	3.8	inHg	1010628-01
South DeKalb	2020-12-29	0.14		E	98	0.2	passive	EPD		35457	3	inHg	AK65735
South DeKalb	2020-12-29	0.09		E	98	0.2	passive	ERG	0.0515	114329	3.9	inHg	1011328-02
South DeKalb	2020-12-29		AK	E	98	0.2	ATEC	ERG		SAT007	VOID		1011328-01
South DeKalb	2021-01-04	0.08		WNW	287	0.3	passive	ERG	0.0515	35152	2.1	inHg	1011328-03
South DeKalb	2021-01-04	0.13		J, Q-2	WNW	287	0.3	passive	EPA				1011328-03
South DeKalb	2021-01-04	QA	SC	CE	WNW	287	0.3	passive	EPA	0.0515	35124	VOID	1011328-04
South DeKalb	2021-01-04	QA	SC		WNW	287	0.3	passive	EPA				1011328-04
South DeKalb	2021-01-10	0.17	2	SE	130	0.1	passive	ERG	0.0515	A21001	0	inHg	1012128-02
South DeKalb	2021-01-10	0.05		SE	130	0.1	passive	EPD		35651	0.6	psi	AK65738
South DeKalb	2021-01-10		U, ND	SE	130	0.1	ATEC	ERG	0.0515	33309	11.9	psig	1012128-01
South DeKalb	2021-01-16	0.13	2	WNW	287	0.8	passive	ERG	0.0515	A21108	0	inHg	1012725-01
South DeKalb	2021-01-16	0.09		WNW	287	0.8	passive	EPD		86335	1	psi	AK66956
South DeKalb	2021-01-16	0.05	2	WNW	287	0.8	ATEC	ERG	0.0515	33496	12.4	psig	1012725-02
South DeKalb	2021-01-22	0.26	LK, 2, 1, 6	W	271	0.3	ATEC	ERG	0.0515	SAT129	12.8	psig	1012902-02
South DeKalb	2021-01-22	0.09		W	271	0.3	passive	EPD		114321	0	inHg	AK66957
South DeKalb	2021-01-22	0.00	2, ND, U	W	271	0.3	passive	ERG	0.0515	SAT078	0.0	inHg	1012902-01
South DeKalb	2021-01-28	0.76	2, LK	NW	319	1.2	passive	ERG	0.0515	33493	0.0	inHg	1020518-01
South DeKalb	2021-01-28	0.26	2, 1, 6	NW	319	1.2	ATEC	ERG	0.0515	SAT025	12.9	psig	1020518-02
South DeKalb	2021-01-28	0.08		NW	319	1.2	passive	EPD		111205	0.6	psi	AK67640
South DeKalb	2021-02-03	QA	2	WNW	302	0.8	passive	ERG	0.0472	110342	0.0	inHg	1021209-02
South DeKalb	2021-02-03		AA	LK	WNW	302	0.8	passive	ERG	0.0472	AQL0397	VOID	1021209-01
South DeKalb	2021-02-03		AF	WNW	302	0.8	ATEC	ERG		114370	Did Not Collect		AK67641

South DeKalb	2021-02-09	0.39	LK, 2	ENE	60	0.1	passive	ERG	0.0472	SAT112	6.2	inHg	1021909-03
South DeKalb	2021-02-09	0.08		ENE	60	0.1	passive	EPD		114393	0	inHg	AK67642
South DeKalb	2021-02-09	0.26	U	ENE	60	0.1	passive	EPA					AK67642
South DeKalb	2021-02-09		AF	ENE	60	0.1	ATEC	ERG			Did Not Collect		No sample ID possible
South DeKalb	2021-02-15	0.19	1, 6	E	94	0.9	passive	ERG	0.0472	35135	4.9	inHg	1022212-01
South DeKalb	2021-02-15	0.06		E	94	0.9	passive	EPD		114379	6	inHg	AK68474
South DeKalb	2021-02-15	0.04	1, 6, VB, U	E	94	0.9	ATEC	ERG	0.0472	2767	12.9	psig	1022212-02
South DeKalb	2021-02-15	0.33	U	E	94	0.9	passive	EPA					AK68474
South DeKalb	2021-02-15	0.31		E	94	0.9	passive	EPA					1022212-01
South DeKalb	2021-02-21	0.57		SE	125	0.8	passive	EPD		SAT092	10.4	psi	AK71360
South DeKalb	2021-02-21	0.26		SE	125	0.8	passive	EPD		114309	9	inHg	AK68475
South DeKalb	2021-02-21	0.22	1, 6	SE	125	0.8	ATEC	ERG	0.0472	SAT092	12.8	psig	1030511-02
South DeKalb	2021-02-21	0.12	1, 6	SE	125	0.8	passive	ERG	0.0472	18828	5.0	inHg	1030511-01
South DeKalb	2021-02-21	0.28	J, Q-2	SE	125	0.8	passive	EPA					AK68475
South DeKalb	2021-02-21	0.23	U	SE	125	0.8	passive	EPA					1030511-01
South DeKalb	2021-02-27	0.50		E	90	0.4	passive	EPD		SAT002	1.5	inHg	AK71361
South DeKalb	2021-02-27	0.13	2	E	90	0.4	passive	ERG	0.0472	SAT002	0.0	inHg	1030511-04
South DeKalb	2021-02-27	0.09		E	90	0.4	passive	EPD		114321	0	inHg	AK69585
South DeKalb	2021-02-27	0.08	1, 6	E	90	0.4	ATEC	ERG	0.0472	33540	13.0	psig	1030511-03
South DeKalb	2021-02-27	0.11	1, 6, J, Q-2	E	90	0.4	ATEC	EPA					1030511-03
South DeKalb	2021-03-05		AF	NW	318	0.3	passive	EPD		101	VOID		AK69586
South DeKalb	2021-03-05		AF	NW	318	0.3	passive				Did Not Collect		No sample ID possible
South DeKalb	2021-03-11	0.30		SSE	162	0.2	passive	EPD		114375	1	inHg	AK69587
South DeKalb	2021-03-11	QA	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	SAT101	12.4	psig	1031637-02
South DeKalb	2021-03-11	0.22		SSE	162	0.2	passive	ERG	0.0472	A21006	1.3	inHg	1031637-03
South DeKalb	2021-03-11	0.17	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	A21056	13.2	psig	1031637-01
South DeKalb	2021-03-17	0.15		E	100	0.7	passive	EPD		114380	1	inHg	AK69588
South DeKalb	2021-03-17	0.07	1, 6	E	100	0.7	ATEC	ERG	0.0472	9570	13.2	psig	1032327-02
South DeKalb	2021-03-17	0.05	2	E	100	0.7	passive	ERG	0.0472	110314	0.0	inHg	1032327-01
South DeKalb	2021-03-23	QA	2	E	100	0.8	passive	ERG	0.0472	111219	6.2	inHg	1032613-02
South DeKalb	2021-03-23	0.14		E	100	0.8	passive	EPD		114321	4	inHg	AK71208
South DeKalb	2021-03-23	0.11		E	100	0.8	passive	ERG	0.0472	114366	6	inHg	1032613-01
South DeKalb	2021-03-23	0.29	U	E	100	0.8	passive	EPA					AK71208
South DeKalb	2021-03-23		AF	E	100	0.8	ATEC	ERG		110258	Did Not Collect		1032613-03
South DeKalb	2021-03-29	0.36		E	82	0.1	passive	EPD		114378	4	inHg	AK71209
South DeKalb	2021-03-29	0.10	1, 6	E	82	0.1	ATEC	ERG	0.0472	SAT061	12.4	psig	1040132-01
South DeKalb	2021-03-29	0.07		E	82	0.1	passive	ERG	0.0472	114322	3.1	inHg	1040132-02
South DeKalb	2021-03-31	3.09	LK, 1, 6	WSW	258	0.1	ATEC	ERG	0.0472	A21007	12.6	psig	1040822-01

South DeKalb	2021-04-04		0.32		W	281	0.3	passive	EPD		114370	0.3	psi	AK71210
South DeKalb	2021-04-04	QA	0.15		W	281	0.3	passive	ERG	0.0472	33315	5.2	inHg	1040822-03
South DeKalb	2021-04-04		0.09		W	281	0.3	passive	ERG	0.0472	18889	2.5	inHg	1040822-02
South DeKalb	2021-04-04			AF	W	281	0.3	ATEC				Did Not Collect		No sample ID possible
South DeKalb	2021-04-07	QA	0.29	LK, 1, 6	SW	229	0.2	ATEC	ERG	0.0472	SAT057	12.8	psig	1041411-01
South DeKalb	2021-04-07		0.12	1, 6	SW	229	0.2	ATEC	ERG	0.0472	19284	13.4	psig	1041341-01
South DeKalb	2021-04-10		0.31	LK	SE	143	0.4	passive	ERG	0.0472	SAT073	5.9	inHg	1041341-02
South DeKalb	2021-04-10		0.19		SE	143	0.4	passive	EPD		114350	6	inHg	AK72185
South DeKalb	2021-04-10		0.19		SE	143	0.4	passive	EPD		SAT130	10.2	psi	AK74308
South DeKalb	2021-04-10		0.10	2, 1, 6	SE	143	0.4	ATEC	ERG	0.0472	SAT130	11.6	psig	1041341-03
South DeKalb	2021-04-16		0.34		S	182	0.1	passive	EPD		114360	5	inHg	AK72184
South DeKalb	2021-04-16		0.18	1, 6	S	182	0.1	ATEC	ERG	0.0472	SAT020	12.6	psig	1042121-02
South DeKalb	2021-04-16		0.09		S	182	0.1	passive	ERG	0.0472	9570	3.9	inHg	1042121-01
South DeKalb	2021-04-22		0.26		WNW	290	0.2	passive	EPD		114309	0.4	psi	AK72186
South DeKalb	2021-04-22		0.07	1, 6	WNW	290	0.2	ATEC	ERG	0.0472	110322	12.4	psig	1042837-02
South DeKalb	2021-04-22		0.06	2	WNW	290	0.2	passive	ERG	0.0472	18865	0.0	inHg	1042837-01
South DeKalb	2021-04-28		0.56	LK, 1, 6, D-F	SSW	192	0.2	ATEC	ERG	0.0472	SAT075	12.7	psig	1050525-02
South DeKalb	2021-04-28		0.36	LK, D-F	SSW	192	0.2	passive	ERG	0.0472	SAT018	5.9	inHg	1050525-01
South DeKalb	2021-04-28		0.31		SSW	192	0.2	passive	EPD		111212	6	inHg	AK72188
South DeKalb	2021-05-04		0.80		SSW	212	0.1	passive	EPD		A21047	9	psi	AK77550
South DeKalb	2021-05-04		0.68	LK, D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21096	9.00	inHg	1051245-01
South DeKalb	2021-05-04		0.29	LK, 1, 6	SSW	212	0.1	ATEC	ERG	0.0472	A21047	10	psig	1051245-03
South DeKalb	2021-05-04	QA	0.27	D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21013	13.5	inHg	1051245-02
South DeKalb	2021-05-04		1.00	LK	SSW	212	0.1	passive	EPA					1051245-01
South DeKalb	2021-05-04	QA	0.34	J, Q-2	SSW	212	0.1	passive	EPA					1051245-02
South DeKalb	2021-05-04			AL	SSW	212	0.1	passive	EPD		114321	VOID		AK73452
South DeKalb	2021-05-10		0.58		W	278	0.4	passive	EPD		33235	7.6	psi	AK77552
South DeKalb	2021-05-10		0.23		W	278	0.4	passive	EPD		18879	7	inHg	AK77551
South DeKalb	2021-05-10		0.21		W	278	0.4	passive	ERG	0.0472	18879	5.8	inHg	1051940-01
South DeKalb	2021-05-10	QA	0.15	1, 6	W	278	0.4	ATEC	ERG	0.0472	18881	12.4	psig	1051940-02
South DeKalb	2021-05-10		0.10	1, 6	W	278	0.4	ATEC	ERG	0.0472	33235	10.2	psig	1051940-03
South DeKalb	2021-05-10	QA	0.3	1, 6	W	278	0.4	ATEC	EPA					105940-02
South DeKalb	2021-05-10			AL	W	278	0.4	passive	EPD		114378	VOID		AK73453
South DeKalb	2021-05-16		0.55		SSW	205	0.2	passive	ERG	0.0472	19656	5.5	inHg	1052113-01
South DeKalb	2021-05-16		0.13	1, 6	SSW	205	0.2	ATEC	ERG	0.0472	19648	9.8	psig	1052014-01
South DeKalb	2021-05-16			AL	SSW	205	0.2	passive	EPD		114375	VOID		AK73454
South DeKalb	2021-05-22		0.62		SE	146	0.1	passive	EPD		101	6	inHg	AK73456
South DeKalb	2021-05-22		0.26	1, 6	SE	146	0.1	ATEC	ERG	0.0472	18873	9.8	psig	1060326-03

South DeKalb	2021-05-22	0.17	2	SE	146	0.1	passive	ERG	0.0472	19288	6.2	inHg	1060326-02
South DeKalb	2021-05-28	0.48	2	SW	234	0.5	passive	ERG	0.0472	33507	7.1	inHg	1060416-01
South DeKalb	2021-05-28	0.42		SW	234	0.5	passive	EPD		114309	6	inHg	AK75225
South DeKalb	2021-05-28	0.16	1, 6, 2	SW	234	0.5	ATEC	ERG	0.0472	114366	9.6	psig	1060416-02
South DeKalb	2021-06-03	0.27		WSW	238	0.1	passive	EPD	0.0288	114384	6	inHg	AK75226
South DeKalb	2021-06-03	0.21		WSW	238	0.1	passive	ERG	0.0472	110306	6.0	inHg	1060835-01
South DeKalb	2021-06-03	QA		WSW	238	0.1	passive	ERG	0.0472	19299	7.8	inHg	1060835-02
South DeKalb	2021-06-03		AF	WSW	238	0.1	ATEC						No sample ID possible
South DeKalb	2021-06-05	QA		SE	137	0.2	ATEC	ERG	0.0472	110308	9.6	psig	1061035-01
South DeKalb	2021-06-05	0.15	1, 6	SE	137	0.2	ATEC	ERG	0.0472	19649	13.2	psig	1061035-02
South DeKalb	2021-06-07	0.23					passive	EPD	0.0288	114360	6.2	inHg	AK75227
South DeKalb	2021-06-07	0.17					passive	EPD	0.0288	114350	5.5	inHg	AK75228
South DeKalb	2021-06-09	0.19		SSW	204	0.1	passive	EPD	0.0288	GL065	9	inHg	AK75229
South DeKalb	2021-06-09	0.17		SSW	204	0.1	passive	ERG	0.0472	18824	2.5	inHg	1061822-01
South DeKalb	2021-06-09	0.09	1, 6	SSW	204	0.1	ATEC	ERG	0.0472	19658	10	psig	1061822-02
South DeKalb	2021-06-10	0.23					passive	EPD	0.0288	114377	6.9	inHg	AK76054
South DeKalb	2021-06-10		AL				passive	EPD	0.0288	110316	VOID		AK76055
South DeKalb	2021-06-15	0.38		WNW	289	0.4	passive	EPD	0.0288	110343	6.5	inHg	AK75230
South DeKalb	2021-06-15	0.30		WNW	289	0.4	passive	ERG	0.0472	114340	3	inHg	1062364-01
South DeKalb	2021-06-15	0.13	1, 6	WNW	289	0.4	ATEC	ERG	0.0472	114344	9.8	psig	1062364-02
South DeKalb	2021-06-16	0.25					passive	EPD	0.0288	117224	4	inHg	AK76057
South DeKalb	2021-06-16	0.21					passive	EPD	0.0288	114345	6	inHg	AK76056
South DeKalb	2021-06-21	0.23		SW	235	0.4	passive	ERG	0.0472	114348	3.8	inHg	1062930-02
South DeKalb	2021-06-21	0.18		SW	235	0.4	passive	EPD	0.0288	111212	6.5	inHg	AK76932
South DeKalb	2021-06-21	0.08		SW	235	0.4	ATEC	ERG	0.0472	19643	10	psig	1062930-01
South DeKalb	2021-06-22	0.34					passive	EPD	0.0288	114328	3.5	inHg	AK76058
South DeKalb	2021-06-22	0.19					passive	EPD	0.0288	114311	6	inHg	AK76059
South DeKalb	2021-06-27	0.28	LK	ESE	120	0.4	passive	ERG	0.0472	A21107	3.1	inHg	1070114-01
South DeKalb	2021-06-27	0.19		ESE	120	0.4	ATEC	ERG	0.0472	SAT037	9.8	psig	1070114-02
South DeKalb	2021-06-27	0.14		ESE	120	0.4	passive	EPD	0.0288	114321	6.5	inHg	AK76933
South DeKalb	2021-06-28	0.34					passive	EPD	0.0288	114378	3.7	inHg	AK76934
South DeKalb	2021-06-28	0.15					passive	EPD	0.0288	114375	6	inHg	AK76935
South DeKalb	2021-07-01	0.29					passive	EPD	0.0288	114384	3.9	inHg	AK77722
South DeKalb	2021-07-01	0.13					passive	EPD	0.0288	114380	7	inHg	AK76937
South DeKalb	2021-07-03	QA	D-F, LK	W	272	0.1	passive	ERG	0.0472	A21091	12.2	inHg	1070816-02
South DeKalb	2021-07-03	0.25	D-F	W	272	0.1	passive	ERG	0.0472	A21035	3.2	inHg	1070816-01
South DeKalb	2021-07-03	0.17		W	272	0.1	passive	EPD	0.0288	101	6.5	inHg	AK76936
South DeKalb	2021-07-03	0.14		W	272	0.1	ATEC	ERG	0.0472	18817	9.8	psig	1070816-03

South DeKalb	2021-07-09		0.23		WNW	289	0.3	passive	ERG	0.0472	111211	14	inHg	1072323-01
South DeKalb	2021-07-09		0.16		WNW	289	0.3	ATEC	ERG	0.0472	110308	9.6	psig	1072323-03
South DeKalb	2021-07-09	QA	0.08		WNW	289	0.3	ATEC	ERG	0.0472	110335	9.4	psig	1072323-05
South DeKalb	2021-07-09			AL	WNW	289	0.3	passive	EPD	0.0288	114350	VOID		AK77723
South DeKalb	2021-07-15		0.90		WNW	284	0.1	passive	EPD	0.0288	GL065	7.5	inHg	AK77725
South DeKalb	2021-07-15		0.56		WNW	284	0.1	passive	ERG	0.0472	110314	2	inHg	1072323-02
South DeKalb	2021-07-15		0.17		WNW	284	0.1	ATEC	ERG	0.0472	110252	9.6	psig	1072323-04
South DeKalb	2021-07-21		0.90		WSW	243	0.1	passive	EPD	0.0288	114360	7.5	inHg	AK77727
South DeKalb	2021-07-21		0.60		WSW	243	0.1	passive	ERG	0.0262	114366	2.8	inHg	1072939-01
South DeKalb	2021-07-21		0.13		WSW	243	0.1	ATEC	ERG	0.0472	19643	10.2	psig	1072939-02
South DeKalb	2021-07-27		0.51		SE	144	0.1	passive	ERG	0.0472	110305	0	inHg	1080437-01
South DeKalb	2021-07-27		0.22		SE	144	0.1	ATEC	ERG	0.0472	35140	10	psig	1080437-02
South DeKalb	2021-08-02	QA	0.80	LK	W	266	0.1	passive	ERG	0.0472	SAT068	6.9	inHg	1080605-01
South DeKalb	2021-08-02		0.53		W	266	0.1	passive	EPD	0.0288	110343	6.9	inHg	AK79849
South DeKalb	2021-08-02		0.46	LK	W	266	0.1	passive	ERG	0.0472	A21073	7.1	inHg	1080542-01
South DeKalb	2021-08-02		0.33		W	266	0.1	ATEC	ERG	0.0472	35158	10	psig	1080605-02
South DeKalb	2021-08-08		0.59		S	174	0.1	passive	EPD	0.0288	114342	7.5	inHg	AK79850
South DeKalb	2021-08-08	QA	0.40	D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21067	9.6	psig	1081128-03
South DeKalb	2021-08-08		0.31	I-02	S	174	0.1	passive	ERG	0.0472	19668	7.1	inHg	1081128-01
South DeKalb	2021-08-08		0.31	D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21076	9.8	psig	1081128-02
South DeKalb	2021-08-14		1.56	LK	SSW	196	0.1	passive	ERG	0.0472	SAT039	8.2	inHg	1081922-01
South DeKalb	2021-08-14		0.19		SSW	196	0.1	ATEC	ERG	0.0472	114344	9.6	psig	1081922-02
South DeKalb	2021-08-14			AN	SSW	196	0.1	passive	EPD	0.0288	110329	15.7	inHg	AK79851
South DeKalb	2021-08-20		0.67	LK	W	280	0.2	passive	ERG	0.0472	A21051	7.8	inHg	1082708-01
South DeKalb	2021-08-20		0.29		W	280	0.2	ATEC	ERG	0.0472	35134	9.8	psig	1082708-02
South DeKalb	2021-08-20		0.26		W	280	0.2	passive	EPD	0.0288	114321	7.8	inHg	AK82457
South DeKalb	2021-08-26		0.23		SE	137	0.2	ATEC	ERG	0.0472	44	9.4	psig	1090937-01
South DeKalb	2021-08-26		0.21		SE	137	0.2	passive	EPD	0.0288	114375	6.9	inHg	AK82458
South DeKalb	2021-08-26		0.15		SE	137	0.2	passive	ERG	0.0472	110308	8.7	inHg	1090937-03
South DeKalb	2021-09-01	QA	0.44	LK	W	281	0.7	passive	ERG	0.0472	A21081	6	inHg	1090937-05
South DeKalb	2021-09-01		0.22	LK	W	281	0.7	passive	ERG	0.0472	A21072	7.2	inHg	1090937-04
South DeKalb	2021-09-01		0.19		W	281	0.7	passive	EPD	0.0288	114380	5.5	inHg	AK82459
South DeKalb	2021-09-01		0.12		W	281	0.7	ATEC	ERG	0.0472	111211	9.6	psig	1090937-02
South DeKalb	2021-09-07		0.18		E	94	0.1	ATEC	ERG	0.0472	110305	9.8	psig	1091311-03
South DeKalb	2021-09-07		0.13		E	94	0.1	passive	ERG	0.0472	9570	7.8	inHg	1091311-02
South DeKalb	2021-09-07	QA	0.11		E	94	0.1	ATEC	ERG	0.0472	114366	9.4	psig	1091311-01
South DeKalb	2021-09-07			AF	E	94	0.1	passive	EPD	0.0288	114384	27	inHg	AK82461
South DeKalb	2021-09-13		0.29		W	278	0.1	passive	EPD	0.0288	110343	7.1	inHg	AK84722

South DeKalb	2021-09-13		0.17		W	278	0.1	passive	ERG	0.0472	114322	5.8	inHg	1092020-01
South DeKalb	2021-09-13		0.16		W	278	0.1	ATEC	ERG	0.0472	114348	9.4	psig	1092020-02
South DeKalb	2021-09-19		1.69		ESE	103	0.2	passive	ERG	0.0472	A21095	10.2	inHg	1092308-01
South DeKalb	2021-09-19		0.39		ESE	103	0.2	ATEC	ERG	0.0472	35135	14.5	inHg	1092308-02
South DeKalb	2021-09-19			AF	ESE	103	0.2	passive	EPD	0.0288	114350	22	inHg	AK84717
South DeKalb	2021-09-22		0.25		W	270	0.2	ATEC	ERG	0.0472	19282	14.5	inHg	1092940-02
South DeKalb	2021-09-25		0.33		W	280	0.1	passive	EPD	0.0288	86335	1.5	inHg	AK84718
South DeKalb	2021-09-25		0.21	LK	W	280	0.1	ATEC	ERG	0.0472	SAT061	9.6	psig	1093009-01
South DeKalb	2021-09-25		0.47	LK	W	280	0.1	passive	ERG	0.0472	A21106	7	inHg	1092940-01
South DeKalb	2021-10-01		0.41		SE	132	0.1	ATEC	EPD	0.0288	110343	10.6	psig	AK87171
South DeKalb	2021-10-01		0.30		SE	132	0.1	passive	EPD	0.0288	114377	5.9	inHg	AK84720
South DeKalb	2021-10-09		0.31		NW	326	0.0	passive	EPD	0.0288	110327	4	inHg	AK87159
South DeKalb	2021-10-09		0.15		NW	326	0.0	passive	ERG	0.0472	110305	5.9	inHg	1101516-01
South DeKalb	2021-10-09		0.11		NW	326	0.0	ATEC	ERG	0.0472	110252	9.2	psig	1101516-02
South DeKalb	2021-10-19		0.39		SSW	193	0.1	passive	EPD	0.0288	GL065	2.9	inHg	AK87161
South DeKalb	2021-10-19		0.14		SSW	193	0.1	ATEC	ERG	0.0472	18818	5.4	psig	1102730-01
South DeKalb	2021-10-19		0.11		SSW	193	0.1	passive	ERG	0.0472	19656	4.8	inHg	1102628-01
South DeKalb	2021-10-21		0.36		SSW	202	0.1	passive	EPD	0.0288	114320	3	inHg	AK87160
South DeKalb	2021-10-21		0.17	LK	SSW	202	0.1	passive	ERG	0.0472	SAT062	4.8	inHg	1102730-02
South DeKalb	2021-10-25		0.45	LK	W	259	0.3	ATEC	ERG	0.0472	SAT025	12.4	psig	1110507-01
South DeKalb	2021-10-25		0.29		W	259	0.3	passive	EPD	0.0288	114368	3	inHg	AK87162
South DeKalb	2021-10-28		0.39	LK	E	99	0.6	ATEC	ERG	0.0472	A21032	12.8	psig	1110507-05
South DeKalb	2021-10-28	QA	0.22		E	99	0.6	ATEC	ERG	0.0472	A21026	9.8	psig	1110507-04
South DeKalb	2021-10-31		0.39	LK	WNW	286	0.5	ATEC	ERG	0.0472	A21069	12.8	psig	1110507-06
South DeKalb	2021-10-31	QA	0.16		WNW	286	0.5	passive	ERG	0.0472	A21031	4.2	inHg	1110507-02
South DeKalb	2021-10-31		0.14		WNW	286	0.5	passive	ERG	0.0472	A21025	2.9	inHg	1110507-03
South DeKalb	2021-10-31		0.12		WNW	286	0.5	passive	EPD	0.0288	114353	4	inHg	AK88029



### Ethylene Oxide Data - LK Flagged Data Removed

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Wind Direction	Wind Direction (degrees)	Wind Speed	Sampler Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Final Canister Pressure Units	Sample ID
C1	2019-10-03		1.08			WNW	300	0.6	passive	ERG	0.0452	18865	4.00	inHg	9100922-01
C1	2019-10-06		0.14			E	85	2.3	passive	ERG	0.0452	SAT145	3.1	inHg	9100922-05
C1	2019-10-18			AN					passive	ERG		5142	0.0	inHg	9102507-02
C1	2019-10-24			AF					passive	ERG			Did Not Collect		No sample ID possible
C1	2019-10-30		0.35		2	SE	130	1.2	passive	ERG	0.0452	SAT014	6.2	inHg	9110118-01
C1	2019-11-01		0.17			NW	320	1.9	passive	ERG	0.0452	A21046	5.0	inHg	9110553-01
C1	2019-11-05		0.11			NNE	30	0.6	passive	ERG	0.0452	SAT072	5.9	inHg	9110810-01
C1	2019-11-08		0.41		2	NNW	330	1.9	passive	ERG	0.0452	19664	6.3	inHg	9111412-01
C1	2019-11-13			AF		E	90	2	passive				Did Not Collect		No sample ID possible
C2	2019-10-06		0.16			E	85	2.3	passive	ERG	0.0452	SAT177	4.8	inHg	9100922-06
C2	2019-10-12			AF					passive	ERG	0.0452	SAT147	VOID		9101803-04
C2	2019-10-24			AF					passive	ERG			Did Not Collect		No sample ID possible
C2	2019-10-30		0.33			SE	130	1.2	passive	ERG	0.0452	SAT029	5.1	inHg	9110118-02
C2	2019-11-08		0.05			NNW	330	1.9	passive	ERG	0.0452	110335	6.0	inHg	9111412-02
C2	2019-11-20		1.02		2	NNW	315	1	passive	ERG	0.0452	SAT063	6.1	inHg	9112711-01
C2	2019-11-23		0.42		2	W	285	1.5	passive	ERG	0.0452	SAT069	15.8	inHg	9112711-02
C2	2019-12-05		0.76		2	NW	315	0.9	passive	ERG	0.0452	2767	6.9	inHg	9121207-01
C2	2019-12-19		0.21		2	NNE	45	0.8	passive	ERG	0.0452	SAT070	0.0	inHg	0010322-01
C2	2019-12-23			AN		ENE	70	5.1	passive	ERG		SAT017	0.0	inHg	0010322-05
C2	2020-01-04			AF		WNW	290	4.3	passive	ERG		18830	26.8	inHg	0010907-01
C2	2020-01-07		0.49			WNW	285	2.8	passive	ERG	0.0452	SAT113	1.0	inHg	0011618-01
C2	2020-01-14			AF		NW	320	0.3	passive	ERG		5081	26.2	inHg	0011705-01
C2	2020-01-16		0.60			E	88	2.8	passive	ERG	0.0452	SAT156	3.5	inHg	0012927-01
C2	2020-02-03		0.33			WSW	245	0.6	passive	ERG	0.0452	19649	3.2	inHg	0021311-01
C2	2020-02-09		0.70			E	80	1.3	passive	ERG	0.0452	SAT085	1.1	inHg	0021921-01
C2	2020-02-15		0.15			E	92	0.4	passive	ERG	0.0452	18889	3.2	inHg	0022425-01
C2	2020-02-27		0.41			NW	315	3.8	passive	ERG	0.0452	SAT008	1.6	inHg	0030604-01
C2	2020-03-10		0.55			SW	240	0.6	passive	ERG	0.0515	SAT108	1.3	inHg	0031836-01
C2	2020-03-16		0.09			E	85	2.8	passive	ERG	0.0515	18874	1.8	inHg	0032321-01
C2	2020-04-03		0.33			NW	310	0.6	passive	ERG	0.0515	18885	1.8	inHg	0041001-01
C2	2020-04-27		0.98		2	NW	310	2.2	passive	ERG	0.0515	19656	2.6	inHg	0050615-01
C2	2020-05-15			BI		SSE	148	0.3	passive	ERG		5141	4.1	inHg	0052848-01
C2	2020-05-27		0.50			E	80	2.6	passive	ERG	0.0515	SAT160	3.5	inHg	0060508-01
C2	2020-06-08			BI		ESE	120	1.1	passive	ERG		SAT177	3.9	inHg	0061731-01

C2	2020-07-02	0.27		NNW	335	1.2	passive	ERG	0.0515	19280	4.2	inHg	0070928-01
C2	2020-07-20	0.29	2	E	80	0.1	passive	ERG	0.0515	18868	0.0	inHg	0072412-05
C2	2020-08-07	0.19		ENE	60	0.1	passive	ERG	0.0515	33533	1.9	inHg	0081410-05
C2	2020-08-13		AF	S	190	0.1	passive	ERG			Did Not Collect		No sample ID possible
C2	2020-08-19		AF	ESE	108	0.2	passive	ERG			Did Not Collect		No sample ID possible
C2	2020-08-25		AF	ENE	67	0.3	passive	ERG			Did Not Collect		No sample ID possible
C2	2020-08-31	0.15		W	278	0.1	passive	ERG	0.0515	19276	2.7	inHg	0090413-01
C2	2020-09-06	0.14		ENE	64	0.2	passive	ERG	0.0515	33554	2.0	inHg	0091711-01
C2	2020-09-30	0.27	2	WNW	300	1	passive	ERG	0.0515	18820	0.0	inHg	0100833-01
C2	2020-10-06	0.39		E	85	0.6	passive	ERG	0.0515	SAT080	1.8	inHg	0101528-01
C2	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible
C2	2020-10-18	0.11		ENE	75	2.3	passive	ERG	0.0515	114340	1.0	inHg	0102916-01
C2	2020-10-24	0.39		SSE	165	0.2	passive	ERG	0.0515	111219	2.9	inHg	0103006-01
C2	2020-10-30	0.13		NW	310	4.1	passive	ERG	0.0515	33554	1.6	inHg	0111125-01
C2	2020-11-05	0.21		ENE	65	1	passive	ERG	0.0515	SAT118	1.1	inHg	0111824-01
C2	2020-11-11	0.20		E	80	0.2	passive	ERG	0.0515	18836	2.8	inHg	0111824-05
C2	2020-11-23	0.35		NW	315	2.3	passive	ERG	0.0515	SAT152	1.1	inHg	0120411-01
C2	2020-11-29	0.00	VB, U, ND	E	84	0.7	passive	ERG	0.0515	SAT015	3.9	inHg	0121016-01
C2	2020-12-05	0.34	2	WNW	290	3.1	passive	ERG	0.0515	33540	0.0	inHg	0121104-01
C2	2020-12-11	0.15		ESE	115	0.2	passive	ERG	0.0515	18870	2.6	inHg	0122326-01
C2	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110257	1.8	inHg	1010626-01
C2	2020-12-29	0.18		ENE	75	0.8	passive	ERG	0.0515	114322	2.0	inHg	1011326-02
C2	2021-01-04	0.19		WNW	295	1.2	passive	ERG	0.0515	A21028	1.7	inHg	1011326-06
C2	2021-01-10	0.06		ENE	70	0.5	passive	ERG	0.0515	18824	1.2	inHg	1012127-01
C2	2021-01-16	0.05	VB, U	WNW	285	2.3	passive	ERG	0.0515	19657	1.0	inHg	1012726-01
C2	2021-02-03	QA	2	NW	310	3.6	passive	ERG	0.0472	110252	0.0	inHg	1021208-02
C2	2021-02-03	0.09	2	NW	310	3.6	passive	ERG	0.0472	110305	1.4	inHg	1021208-01
C2	2021-02-09	0.37		ENE	65	0.6	passive	ERG	0.0472	SAT016	3.3	inHg	1021908-05
C2	2021-02-15	0.08	2	E	85	2.4	passive	ERG	0.0472	19649	10.3	inHg	1022211-01
C2	2021-02-21	0.09		ESE	105	2.1	passive	ERG	0.0472	33240	4.8	inHg	1030510-01
C2	2021-02-27	0.12		ENE	70	1	passive	ERG	0.0472	19294	1.7	inHg	1031121-01
C2	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C2	2021-03-11	0.29		S	185	0.6	passive	ERG	0.0472	18835	2.0	inHg	1031639-01
C2	2021-03-17	0.14		E	85	1.5	passive	ERG	0.0472	110305	2.9	inHg	1032432-01
C2	2021-03-23	0.14		E	80	2.3	passive	ERG	0.0472	111211	2.3	inHg	1040729-01
C2	2021-03-29	0.30		N	0	1.6	passive	ERG	0.0472	A21042	1.9	inHg	1041343-03
C2	2021-04-10	0.52		SSE	160	1.1	passive	ERG	0.0472	A21012	1.9	inHg	1042215-05
C2	2021-04-16	0.47		NE	45	0.7	passive	ERG	0.0472	A21005	2.0	inHg	1042933-01

C2	2021-04-22	0.12	2	NNW	345	2	passive	ERG	0.0472	18868	0.0	inHg	1043022-01
C2	2021-04-28	0.17		SSW	205	0.4	passive	ERG	0.0472	110335	4.1	inHg	1050523-01
C2	2021-05-16	0.45		SW	225	0.4	passive	ERG	0.0472	33533	4.6	inHg	1060323-01
C2	2021-05-22	0.44		ENE	70	0.5	passive	ERG	0.0472	18827	3.9	inHg	1060323-02
C2	2021-06-03	0.17		SW	230	0.4	passive	ERG	0.0472	110335	4.9	inHg	1060924-01
C2	2021-06-15	0.23		NW	310	2.4	passive	ERG	0.0472	A21065	5.7	inHg	1070116-01
C2	2021-06-15	QA		NW	310	2.4	passive	ERG	0.0472	110258	5.8	inHg	1070116-02
C2	2021-06-27	0.27		ESE	120	1	passive	ERG	0.0472	SAT182	4.6	inHg	1072320-01
C2	2021-07-15	0.11		WNW	290	0.4		ERG	0.0472	110322	7.3	inHg	1072936-01
C2	2021-07-15	QA		WNW	290	0.4		ERG	0.0472	114322	6.8	inHg	1072936-02
C2	2021-07-27	0.96		NW	320	0.5		ERG	0.0472	A21012	8.2	inHg	1080602-01
C2	2021-08-02		AA	N	7	0.5		ERG		35112	0.2	inHg	1081306-01
C2	2021-08-26	0.12		ESE	105	0.3		ERG	0.0472	110342	5.1	inHg	1090318-01
C2	2021-09-07	QA		ENE	62	0.8		ERG	0.0472	110257	7.2	inHg	1091621-02
C2	2021-09-07	0.16		ENE	62	0.8		ERG	0.0472	110322	5.8	inHg	1091621-01
C2	2021-10-01	0.23		SE	131	0.1		EPD	0.0288	114375	6.7	inHg	AK87168
C2	2021-10-01	QA		SE	131	0.1		EPD	0.0288	110329	5.1	inHg	AK87167
C2	2021-10-13	0.11		E	99	0.1		EPD	0.0288	114391	5.8	inHg	AK87855
C2	2021-10-31	0.24		WNW	293	0.6		EPD	0.0288	110303	6.2	inHg	AK88024
C3	2019-10-03	0.49		WNW	300	0.6	passive	ERG	0.0452	SAT033	6.0	inHg	9100922-03
C3	2019-10-12	0.59	2	WNW	290	1	passive	ERG	0.0452	SAT166	6.5	inHg	9101803-02
C3	2019-10-18	0.57		E	85	1.3	passive	ERG	0.0452	SAT084	3.8	inHg	9102507-01
C3	2019-10-24	0.06		E	90	1.6	passive	ERG	0.0452	18869	5.5	inHg	9103069-03
C3	2019-10-30	0.35		SE	130	1.2	passive	ERG	0.0452	18831	5.1	inHg	9110118-03
C3	2019-11-01	0.13		NW	320	1.9	passive	ERG	0.0452	SAT155	3.8	inHg	9110553-03
C3	2019-11-03	0.22		NW	320	0.6	passive	ERG	0.0452	44	5.0	inHg	9110635-02
C3	2019-11-05		AF	NNE	30	0.6	passive	ERG			Did Not Collect		No sample ID possible
C3	2019-11-08	0.37		NNW	330	1.9	passive	ERG	0.0452	SAT161	5.6	inHg	9111412-03
C3	2019-11-15	0.23		NE	50	1.3	passive	ERG	0.0452	19283	4.4	inHg	9112026-03
C3	2019-11-23	0.29		W	285	1.5	passive	ERG	0.0452	SAT054	5.6	inHg	9112711-04
C3	2019-12-19	0.66	2	NNE	45	0.8	passive	ERG	0.0452	SAT122	0.0	inHg	0010322-02
C3	2019-12-23		AF	ENE	70	5.1	passive	ERG		SAT097	28.0	inHg	0010322-06
C3	2019-12-31	0.09	2	W	275	2.9	passive	ERG	0.0452	SAT177	0.0	inHg	0010717-02
C3	2020-01-04	0.12	2	WNW	290	4.3	passive	ERG	0.0452	19297	0.0	inHg	0010907-02
C3	2020-01-10	0.09		E	80	2.4	passive	ERG	0.0452	18824	2.9	inHg	0011423-05
C3	2020-01-16		AF	NW	320	2.8	passive	ERG	0.0452	A22329	VOID		0012927-02
C3	2020-01-28	0.16		NW	315	1.3	passive	ERG	0.0452	18868	3.4	inHg	0020524-02
C3	2020-01-30	0.17		ENE	75	1.5	passive	ERG	0.0452	19278	4.0	inHg	0021214-01

C3	2020-02-03	0.08		WSW	245	0.6	passive	ERG	0.0452	19647	4.1	inHg	0021311-02
C3	2020-02-09	0.54		E	80	1.3	passive	ERG	0.0452	SAT182	1.8	inHg	0021921-02
C3	2020-02-15	0.29		E	92	0.4	passive	ERG	0.0452	SAT096	2.1	inHg	0022425-02
C3	2020-02-21	0.49		NE	45	0.5	passive	ERG	0.0452	2527	1.2	inHg	0022816-02
C3	2020-03-04	0.52		NE	45	0.1	passive	ERG	0.0515	SAT107	5.0	inHg	0031012-02
C3	2020-03-10	0.09		SW	240	0.6	passive	ERG	0.0515	19298	2.9	inHg	0031836-02
C3	2020-03-16	0.66		E	85	2.8	passive	ERG	0.0515	SAT013	3.2	inHg	0032321-02
C3	2020-03-22	0.21	2	ENE	80	2.9	passive	ERG	0.0515	19641	2.1	inHg	0040115-02
C3	2020-03-28	0.11		WSW	245	1.1	passive	ERG	0.0515	19649	5.3	inHg	0040814-02
C3	2020-04-03	0.29		NW	310	0.6	passive	ERG	0.0515	18831	3.4	inHg	0041001-02
C3	2020-04-09	0.16		WNW	290	3.3	passive	ERG	0.0515	18824	4.9	inHg	0041707-02
C3	2020-04-21	0.15	2	WNW	285	2.2	passive	ERG	0.0515	19665	3.6	inHg	0050114-02
C3	2020-04-27	0.45		NW	310	2.2	passive	ERG	0.0515	SAT107	3.8	inHg	0050615-02
C3	2020-05-09	0.24		NW	310	2.1	passive	ERG	0.0515	SAT024	3.6	inHg	0051504-04
C3	2020-05-15	0.85		SSE	148	0.3	passive	ERG	0.0515	SAT158	4.1	inHg	0052918-02
C3	2020-05-21	0.15		NE	58	0.5	passive	ERG	0.0515	18836	3.6	inHg	0052918-04
C3	2020-06-14	0.50		ENE	70	1.2	passive	ERG	0.0515	SAT123	4.8	inHg	0061908-02
C3	2020-06-20	1.07		NNW	330	0.8	passive	ERG	0.0515	SAT114	4.9	inHg	0070602-02
C3	2020-07-14	0.52		NW	320	0.2	passive	ERG	0.0515	SAT096	4.9	inHg	0072412-02
C3	2020-07-26	0.53		W	268	0.05	passive	ERG	0.0515	SAT015	2.9	inHg	0080534-02
C3	2020-08-07	0.38		ENE	60	0.1	passive	ERG	0.0515	SAT100	2.0	inHg	0081325-01
C3	2020-08-13		AF	S	190	0.1	passive	ERG				Did Not Collect	No sample ID possible
C3	2020-08-19		AF	ESE	108	0.2	passive	ERG				Did Not Collect	No sample ID possible
C3	2020-08-25		AF	ENE	67	0.3	passive	ERG				Did Not Collect	No sample ID possible
C3	2020-08-31	0.30	2	W	278	0.1	passive	ERG	0.0515	A21026	0.0	inHg	0090413-02
C3	2020-09-06	0.17		ENE	64	0.2	passive	ERG	0.0515	19298	1.9	inHg	0091631-01
C3	2020-09-18	0.63		NNW	30	0.8	passive	ERG	0.0515	SAT075	1.9	inHg	0093025-02
C3	2020-09-24	0.13	2	E	90	1.6	passive	ERG	0.0515	19657	0.0	inHg	0093025-06
C3	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	18869	1.0	inHg	0100833-02
C3	2020-10-12		AF	WNW	285	0.6	passive	ERG				Did Not Collect	No sample ID possible
C3	2020-10-18	0.10	2	ENE	75	2.3	passive	ERG	0.0515	AQL0397	0.0	inHg	0102916-02
C3	2020-10-24	0.26		SSE	165	0.2	passive	ERG	0.0515	114336	2.3	inHg	0103006-02
C3	2020-10-30	0.44	2	NW	310	4.1	passive	ERG	0.0515	A21081	0.0	inHg	0111125-02
C3	2020-11-11	0.13		E	80	0.2	passive	ERG	0.0515	18880	1.8	inHg	0111824-06
C3	2020-11-17	0.08	2	NW	315	3.4	passive	ERG	0.0515	2767	0.0	inHg	0112513-02
C3	2020-11-29	0.39		E	84	0.7	passive	ERG	0.0515	SAT016	1.1	inHg	0121016-02
C3	2020-12-17	0.12	2	WNW	295	3.5	passive	ERG	0.0515	35160	0.0	inHg	0123026-02
C3	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110258	1.3	inHg	1010626-02

C3	2020-12-29	0.73		ENE	75	0.8	passive	ERG	0.0515	SAT099	2.3	inHg	1011326-03
C3	2021-01-04	0.11		WNW	295	1.2	passive	ERG	0.0515	18880	1.7	inHg	1011326-07
C3	2021-01-10	0.31	2	ENE	70	0.5	passive	ERG	0.0515	SAT173	0.0	inHg	1012127-02
C3	2021-01-22	0.70		WNW	300	0.7	passive	ERG	0.0515	SAT013	1.1	inHg	1012903-02
C3	2021-01-28	0.19		NW	315	5.6	passive	ERG	0.0515	44	1.8	inHg	1020519-02
C3	2021-02-03	0.00	ND, U	NW	310	3.6	passive	ERG	0.0472	110258	1.5	inHg	1021208-03
C3	2021-02-09	QA	0.40	ENE	65	0.6	passive	ERG	0.0472	SAT097	2.1	inHg	1021908-02
C3	2021-02-09	0.16		ENE	65	0.6	passive	ERG	0.0472	SAT117	3.1	inHg	1021908-01
C3	2021-02-15		BI	E	85	2.4	passive	ERG	0.0472	SAT020	2.5	inHg	1022211-02
C3	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	18876	2.0	inHg	1030510-02
C3	2021-02-27	0.20		ENE	70	1	passive	ERG	0.0472	SAT151	1.3	inHg	1031121-02
C3	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C3	2021-03-11	0.15		S	185	0.6	passive	ERG	0.0472	19279	3.9	inHg	1031639-02
C3	2021-03-17	0.10		E	85	1.5	passive	ERG	0.0472	114344	3.2	inHg	1032432-02
C3	2021-03-29	0.08		N	0	1.6	passive	ERG	0.0472	19646	2.4	inHg	1041343-05
C3	2021-04-04	2.04	2	WNW	285	0.8	passive	ERG	0.0472	18825	0.0	inHg	1042215-02
C3	2021-04-10	0.12	2	SSE	160	1.1	passive	ERG	0.0472	110258	10.1	inHg	1042215-06
C3	2021-04-22		AA	NNW	345	2	passive	ERG		19650	VOID		1050321-01
C3	2021-04-28	0.11		SSW	205	0.4	passive	ERG	0.0472	110306	4.9	inHg	1050523-02
C3	2021-05-04	0.11		W	265	1.2	passive	ERG	0.0472	110257	4.7	inHg	1051942-02
C3	2021-05-10	0.19		WNW	290	1.3	passive	ERG	0.0472	33534	4.2	inHg	1051942-06
C3	2021-05-16	0.81		SW	225	0.4	passive	ERG	0.0472	A21000	4.2	inHg	1060323-03
C3	2021-06-03	0.19		SW	230	0.4	passive	ERG	0.0472	18831	5.2	inHg	1060924-02
C3	2021-06-15	0.12		NW	310	2.4	passive	ERG	0.0472	19653	4.8	inHg	1070116-03
C3	2021-07-15	0.23		WNW	290	0.4		ERG	0.0472	18876	8.1	inHg	1072936-03
C3	2021-07-27	0.46		NW	320	0.5		ERG	0.0472	35160	9.1	inHg	1080602-02
C3	2021-08-02	0.12		N	7	0.5		ERG	0.0472	19283	5.9	inHg	1081306-02
C3	2021-08-14	0.23		N	10	0.9		ERG	0.0472	A21074	4.9	inHg	1090127-04
C3	2021-08-26	0.52		ESE	105	0.3		ERG	0.0472	A21058	5.1	inHg	1090318-02
C4	2019-10-03	1.88		WNW	300	0.6	passive	ERG	0.0452	18869	5.1	inHg	9100922-04
C4	2019-10-12	0.00	U, ND	WNW	290	1	passive	ERG	0.0452	SAT016	2.9	inHg	9101803-03
C4	2019-10-18	0.76		E	85	1.3	passive	ERG	0.0452	SAT106	3.5	inHg	9102507-03
C4	2019-10-24	2.19		ENE	90	1.6	passive	ERG	0.0452	A21036	4.1	inHg	9103069-05
C4	2019-10-27	0.19		WNW	290	2	passive	ERG	0.0452	A21077	5.1	inHg	9103069-06
C4	2019-10-30	0.33		SE	130	1.2	passive	ERG	0.0452	18833	4.9	inHg	9110118-04
C4	2019-10-30	QA	2	SE	130	1.2	passive	ERG	0.0452	18865	7.0	inHg	9110118-05
C4	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	19642	2.0	inHg	9110553-04
C4	2019-11-03	0.18		NW	320	0.6	passive	ERG	0.0452	A21101	2.6	inHg	9110635-03

C4	2019-11-05		0.18		NNE	30	0.6	passive	ERG	0.0452	SAT074	3.0	inHg	9110810-03
C4	2019-11-08		0.16		NNW	330	1.9	passive	ERG	0.0452	SAT138	3.9	inHg	9111412-04
C4	2019-11-13			AR	E	90	2	passive	ERG		SAT039	0.0	inHg	9111509-04
C4	2019-11-15		0.15	2	NE	50	1.3	passive	ERG	0.0452	18877	0.0	inHg	9112026-04
C4	2019-11-20		1.00		NNW	315	1	passive	ERG	0.0452	SAT091	3.4	inHg	9112711-05
C4	2019-11-23		0.48	2	W	285	1.5	passive	ERG	0.0452	19649	12.2	inHg	9112711-06
C4	2019-11-29			AN	ENE	75	0.1	passive	ERG		5079	29.3	inHg	9120610-03
C4	2019-11-29			AN	ENE	75	0.1	passive			SAT039			9120610-03
C4	2019-11-29			AN	ENE	75	0.1	passive	ERG		5079	VOID		9120610-03-REVIEW
C4	2019-12-08		0.55	2	E	90	3.3	passive	ERG	0.0452	SAT039	0.0	inHg	9121207-06
C4	2019-12-11		0.31	2	NNW	335	2.7	passive	ERG	0.0452	A21039	0.0	inHg	9121841-03
C4	2019-12-11	QA	0.17	2	NNW	335	2.7	passive	ERG	0.0452	A21055	0.0	inHg	9121841-04
C4	2019-12-19		0.28	2	NNE	45	0.8	passive	ERG	0.0452	SAT166	0.0	inHg	0010322-03
C4	2019-12-23			AN	ENE	70	5.1	passive	ERG		A21076	0.0	inHg	0010322-07
C4	2019-12-31		0.13	2	W	275	2.9	passive	ERG	0.0452	SAT170	0.0	inHg	0010717-03
C4	2020-01-04		0.25	2	WNW	290	4.3	passive	ERG	0.0452	A21005	0.0	inHg	0010907-03
C4	2020-01-10		0.66		E	80	2.4	passive	ERG	0.0452	SAT011	2.1	inHg	0011423-06
C4	2020-01-14			AF	NW	320	0.3	passive	ERG		18822	25.1	inHg	0011705-03
C4	2020-01-16			AF	NW	320	2.8	passive	ERG		18832	VOID		0012927-03
C4	2020-01-22	QA	1.01	2	ENE	75	1.7	passive	ERG	0.0452	SAT020	0.0	inHg	0012927-08
C4	2020-01-22		0.78	2	ENE	75	1.7	passive	ERG	0.0452	19656	6.8	inHg	0012927-07
C4	2020-01-25			AA	WNW	290	2.6	passive	ERG	0.0452	18879	6.9	inHg	0013117-02
C4	2020-01-28		0.55	2	NW	315	1.3	passive	ERG	0.0452	SAT081	7.8	inHg	0020524-03
C4	2020-01-30		0.61	2	ENE	75	1.5	passive	ERG	0.0452	A21102	8.4	inHg	0020524-06
C4	2020-02-03		0.17	2	WSW	245	0.6	passive	ERG	0.0452	33535	8.2	inHg	0021311-03
C4	2020-02-09		0.97	2	E	80	1.3	passive	ERG	0.0452	SAT140	6.2	inHg	0021921-03
C4	2020-02-15	QA	0.82		E	92	0.4	passive	ERG	0.0452	SAT036	2.0	inHg	0022108-01
C4	2020-03-16		1.04	2	ENE	85	6.1	passive	ERG	0.0515	A21103	7.8	inHg	0032321-03
C4	2020-03-22	QA	0.79		ENE	80	2.8	passive	ERG	0.0515	A22330	1.2	inHg	0040115-04
C4	2020-03-28		0.44	2	WSW	245	1.1	passive	ERG	0.0515	SAT155	9.8	inHg	0040814-05
C4	2020-04-03		0.17	2	NW	310	0.6	passive	ERG	0.0515	19279	8.2	inHg	0041001-03
C4	2020-04-09		0.56	2	WNW	290	3.3	passive	ERG	0.0515	SAT114	9.5	inHg	0041707-03
C4	2020-04-09	QA	0.33		WNW	290	3.3	passive	ERG	0.0515	SAT144	3.6	inHg	0041707-04
C4	2020-04-15		0.29	2	NW	315	2.9	passive	ERG	0.0515	SAT089	7.8	inHg	0042218-03
C4	2020-04-21		0.68	2	WNW	285	2.2	passive	ERG	0.0515	A21067	8.1	inHg	0050114-03
C4	2020-04-21	QA	0.44	2	WNW	285	2.2	passive	ERG	0.0515	49	1.6	inHg	0050114-04
C4	2020-04-27		0.09	6, 2	NW	310	2.2	passive	ERG	0.0515	19648	8.2	inHg	0050615-03
C4	2020-05-03			AA	W	270	1.2	passive	ERG	0.0515	19663	9.7	inHg	0051324-03

C4	2020-05-09	QA	0.71	2	NW	310	2.1	passive	ERG	0.0515	A22304	0.0	inHg	0051504-05	
C4	2020-05-09				AA	NW	310	2.1	passive	ERG	0.0515	A21069	VOID	0051504-02	
C4	2020-05-15				AA	SSE	148	0.3	passive	ERG	0.0515	18828	8.7	inHg	0052848-02
C4	2020-05-21				AN	NE	58	0.5	passive	ERG		SAT009	19.8	inHg	0052918-05
C4	2020-05-27		0.26	2	E	80	2.6	passive	ERG	0.0515	19340	8.9	inHg	0060508-03	
C4	2020-06-02		0.89	2	SW	238	0.2	passive	ERG	0.0515	SAT127	8.8	inHg	0061042-03	
C4	2020-06-08	QA	0.35	2	ESE	120	1.1	passive	ERG	0.0515	SAT171	7.9	inHg	0061731-04	
C4	2020-06-08		0.20	2	ESE	120	1.1	passive	ERG	0.0515	18872	9.2	inHg	0061731-03	
C4	2020-06-14		0.87	2	ENE	70	1.2	passive	ERG	0.0515	SAT012	9.0	inHg	0061908-03	
C4	2020-06-20		0.73	2	NNW	330	0.8	passive	ERG	0.0515	35131	9.0	inHg	0070602-03	
C4	2020-07-02		0.24	2	NNW	335	1.2	passive	ERG	0.0515	18833	9.5	inHg	0070928-03	
C4	2020-07-08		1.44	2	NE	45	0.6	passive	ERG	0.0515	SAT170	9.1	inHg	0071703-02	
C4	2020-07-08	QA	0.15	2	NE	45	0.6	passive	ERG	0.0515	19645	7.0	inHg	0071703-05	
C4	2020-07-14		0.21	2	NW	320	0.2	passive	ERG	0.0515	19646	8.9	inHg	0072412-03	
C4	2020-07-20		0.39	2	E	80	0.1	passive	ERG	0.0515	33314	0.0	inHg	0072412-06	
C4	2020-07-26		1.51		W	268	0.05	passive	ERG	0.0515	A21086	2.0	inHg	0080534-03	
C4	2020-08-07		0.64	D-F	ENE	60	0.1	passive	ERG	0.0515	SAT004	3.9	inHg	0081410-06	
C4	2020-08-07	QA	0.29	D-F	ENE	60	0.1	passive	ERG	0.0515	19641	3.1	inHg	0081325-02	
C4	2020-08-13		0.17		S	190	0.1	passive	ERG	0.0515	33236	4.0	inHg	0082118-01	
C4	2020-08-19			AN	ESE	108	0.2	passive	ERG		SAT181	29.7	inHg	0082742-01	
C4	2020-08-31		0.51		W	278	0.1	passive	ERG	0.0515	A22328	3.9	inHg	0090413-03	
C4	2020-09-06		0.71	2	ENE	64	0.2	passive	ERG	0.0515	A21106	0.0	inHg	0091631-02	
C4	2020-09-18		0.26		NNW	30	0.8	passive	ERG	0.0515	A21039	3.9	inHg	0093025-03	
C4	2020-09-24		0.20		E	90	1.6	passive	ERG	0.0515	A21074	3.2	inHg	0093025-07	
C4	2020-09-30		0.14		WNW	300	1	passive	ERG	0.0515	2527	2.9	inHg	0100833-03	
C4	2020-10-12		0.18		WNW	285	0.6	passive	ERG	0.0515	19648	3.0	inHg	0101605-01	
C4	2020-10-18		0.28		ENE	75	2.3	passive	ERG	0.0515	114322	2.0	inHg	0102916-03	
C4	2020-10-24	QA	0.95	D-F	SSE	165	0.2	passive	ERG	0.0515	114386	5.8	inHg	0103006-04	
C4	2020-10-24		0.66	D-F	SSE	165	0.2	passive	ERG	0.0515	19298	3.5	inHg	0103006-03	
C4	2020-10-30		0.20		NW	310	4.1	passive	ERG	0.0515	A21080	1.6	inHg	0111125-03	
C4	2020-11-11		0.29		E	80	0.2	passive	ERG	0.0515	18864	3.2	inHg	0111824-07	
C4	2020-11-17		0.30	2	NW	315	3.4	passive	ERG	0.0515	A21099	0.0	inHg	0112513-03	
C4	2020-11-17	QA	0.15		NW	315	3.4	passive	ERG	0.0515	35156	3.8	inHg	0112513-05	
C4	2020-12-11			AN	ESE	115	0.2	passive	ERG		19295	19.5	inHg	0122326-03	
C4	2020-12-17	QA	0.09	2	WNW	295	3.5	passive	ERG	0.0515	111217	2.9	inHg	0123026-04	
C4	2020-12-17		0.06	2	WNW	295	3.5	passive	ERG	0.0515	19291	0.0	inHg	0123026-03	
C4	2020-12-23			AA	E	92	1.7	passive	ERG	0.0515	110335	VOID		1010626-03	
C4	2020-12-29			AF	ENE	75	0.8	passive	ERG		110342	29.2	inHg	1011326-04	

C4	2021-01-04		0.08		WNW	295	1.2	passive	ERG	0.0515	33232	3.8	inHg	1011326-08
C4	2021-01-10	QA	0.05		ENE	70	0.5	passive	ERG	0.0515	18882	4.2	inHg	1012127-04
C4	2021-01-10			BI	ENE	70	0.5	passive	ERG		SAT181	VOID		1012127-03
C4	2021-01-16		0.28		WNW	285	2.3	passive	ERG	0.0515	SAT177	3.0	inHg	1012726-02
C4	2021-01-22		0.63		WNW	300	0.7	passive	ERG	0.0515	SAT012	3.1	inHg	1012903-03
C4	2021-02-03			AA	NW	310	3.6	passive	ERG	0.0472	111219	VOID		1021208-04
C4	2021-02-09		0.14		ENE	65	0.6	passive	ERG	0.0472	110306	6.0	inHg	1021908-03
C4	2021-02-21		0.40		ESE	105	2.1	passive	ERG	0.0472	A21078	4.5	inHg	1030510-03
C4	2021-02-27		0.21		ENE	70	1	passive	ERG	0.0472	18831	4.1	inHg	1031121-03
C4	2021-03-05			AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C4	2021-03-17		0.20		E	85	1.5	passive	ERG	0.0472	114386	5.9	inHg	1032432-03
C4	2021-03-23		0.35		E	80	2.3	passive	ERG	0.0472	A21013	5.1	inHg	1040729-02
C4	2021-03-23	QA	0.23	2	E	80	2.3	passive	ERG	0.0472	110257	7.1	inHg	1040824-02
C4	2021-03-29		0.14		N	0	1.6	passive	ERG	0.0472	19283	4.8	inHg	1041343-02
C4	2021-04-10		0.25	2	SSE	160	1.1	passive	ERG	0.0472	110305	6.2	inHg	1042215-07
C4	2021-04-16		0.09		NE	45	0.7	passive	ERG	0.0472	110252	4.9	inHg	1042933-03
C4	2021-04-22	QA	0.38		NNW	345	2	passive	ERG	0.0472	2767	3.2	inHg	1050321-02
C4	2021-04-22		0.15		NNW	345	2	passive	ERG	0.0472	A21022	3.3	inHg	1043022-02
C4	2021-04-28		0.28		SSW	205	0.4	passive	ERG	0.0472	33516	4.5	inHg	1050523-03
C4	2021-05-04		0.61		W	265	1.2	passive	ERG	0.0472	49	5.2	inHg	1051942-03
C4	2021-05-10		0.10	2	WNW	290	1.3	passive	ERG	0.0472	33532	1.00	inHg	1051942-07
C4	2021-05-16		0.29	2	SW	225	0.4	passive	ERG	0.0472	19300	6.7	inHg	1060323-05
C4	2021-05-28		0.17	2	WSW	245	1.1	passive	ERG	0.0472	33314	6.1	inHg	1060415-03
C4	2021-05-28	QA	0.09	2	WSW	245	1.1	passive	ERG	0.0472	19291	7.7	inHg	1060746-01
C4	2021-06-03		0.29		SW	230	0.4	passive	ERG	0.0472	19666	4.9	inHg	1060834-01
C4	2021-06-15		0.29		NW	310	2.4	passive	ERG	0.0472	33531	8	inHg	1070116-04
C4	2021-06-27		0.10		ESE	120	1	passive	ERG	0.0472	18873	5	inHg	1072320-03
C4	2021-09-07		0.12		ENE	62	0.8		ERG	0.0472	114340	6	inHg	1091621-03
C5	2019-11-03		0.22		NW	320	0.6	passive	ERG	0.0452	A21045	1.1	inHg	9110635-04
C5	2019-11-05		0.09		NNE	30	0.6	passive	ERG	0.0452	18822	1.9	inHg	9110810-04
C5	2019-11-08		0.22		NNW	330	1.9	passive	ERG	0.0452	19643	2.2	inHg	9111412-05
C5	2019-11-13		0.18		E	90	2	passive	ERG	0.0452	19276	0.5	inHg	9111509-03
C5	2019-11-15			AF	NE	50	1.3	passive	ERG		5072	VOID		9112026-05
C5	2019-11-20		0.81		NNW	315	1	passive	ERG	0.0452	19652	0.1	inHg	9112711-07
C5	2019-11-20	QA	0.76		NNW	315	1	passive	ERG	0.0452	18875	3.9	inHg	9112711-09
C5	2019-11-23		0.12	2	W	285	1.5	passive	ERG	0.0452	19666	6.6	inHg	9112711-08
C5	2019-12-05		0.61		NW	315	0.9	passive	ERG	0.0452	2527	4.0	inHg	9121207-07
C5	2019-12-23			AN	ENE	70	5.1	passive	ERG		5126	VOID		0010322-08



C5	2020-01-04		AN	WNW	290	4.3	passive	ERG		SAT155	18.3	inHg	0010907-04
C5	2020-01-14		AF	NW	320	0.3	passive	ERG		SAT060	25.0	inHg	0011705-04
C5	2020-01-16		AF	NW	320	2.8	passive	ERG		5089	VOID		0012927-04
C5	2020-01-22	0.28	2	ENE	75	1.7	passive	ERG	0.0452	19282	0.0	inHg	0012927-09
C5	2020-01-25	0.18	2	WNW	290	2.6	passive	ERG	0.0452	19641	0.0	inHg	0013008-02
C5	2020-01-28	0.77		NW	315	1.3	passive	ERG	0.0452	SAT097	4.3	inHg	0020524-04
C5	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	SAT120	5.2	inHg	0021311-04
C5	2020-02-09	0.14	2	E	80	1.3	passive	ERG	0.0452	19644	0.0	inHg	0021921-04
C5	2020-02-15	0.72	2	E	92	0.4	passive	ERG	0.0452	A21105	0.0	inHg	0022425-04
C5	2020-02-21	1.13	2	NE	45	0.5	passive	ERG	0.0452	19662	0.0	inHg	0022816-04
C5	2020-03-16	0.14	2	E	85	6.1	passive	ERG	0.0515	A21010	0.0	inHg	0032321-04
C5	2020-03-22	0.35		ENE	80	2.8	passive	ERG	0.0515	18880	2.2	inHg	0040115-05
C5	2020-03-28	0.38		WSW	245	1.1	passive	ERG	0.0515	A21081	5.1	inHg	0040814-01
C5	2020-04-03	0.39		NW	310	0.6	passive	ERG	0.0515	19657	3.7	inHg	0041001-04
C5	2020-04-09	0.57	2	WNW	290	3.3	passive	ERG	0.0515	SAT061	4.8	inHg	0041707-05
C5	2020-04-15	0.34		NW	315	2.9	passive	ERG	0.0515	19662	3.1	inHg	0042218-04
C5	2020-04-27	0.35	2	NW	310	2.2	passive	ERG	0.0515	A21005	4.7	inHg	0050615-04
C5	2020-05-03	0.36		W	270	1.2	passive	ERG	0.0515	SAT117	4.8	inHg	0051324-04
C5	2020-05-09	0.82		NW	310	2.1	passive	ERG	0.0515	SAT185	3.2	inHg	0051504-03
C5	2020-05-15	0.30		SSE	148	0.3	passive	ERG	0.0515	53	3.9	inHg	0052848-03
C5	2020-05-21	0.70		NE	85	0.5	passive	ERG	0.0515	SAT169	2.9	inHg	0052918-06
C5	2020-05-27	0.54		E	80	2.6	passive	ERG	0.0515	SAT057	4.1	inHg	0060508-04
C5	2020-06-08	0.14		ESE	120	1.1	passive	ERG	0.0515	33275	4.8	inHg	0061731-05
C5	2020-06-14	0.62		ENE	70	1.2	passive	ERG	0.0515	SAT092	4.5	inHg	0061908-04
C5	2020-06-20	0.51		NNW	330	0.8	passive	ERG	0.0515	19654	4.7	inHg	0070602-04
C5	2020-07-02	0.65		NNW	335	1.2	passive	ERG	0.0515	SAT033	5.2	inHg	0070928-04
C5	2020-07-14	0.54		NW	320	0.2	passive	ERG	0.0515	SAT087	4.8	inHg	0072412-04
C5	2020-07-20	0.34	2	E	80	0.1	passive	ERG	0.0515	35134	0.0	inHg	0072412-07
C5	2020-07-26	0.64		W	268	0.05	passive	ERG	0.0515	A21022	2.9	inHg	0080618-01
C5	2020-08-01	1.21		SW	214	0.5	passive	ERG	0.0515	SAT038	2.9	inHg	0081410-04
C5	2020-08-07	1.18		ENE	60	0.1	passive	ERG	0.0515	SAT042	2.1	inHg	0081410-07
C5	2020-08-13		AF	S	190	0.1	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-19		AF	ESE	108	0.2	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-25		AF	ENE	67	0.3	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-08-31	0.19		W	278	0.1	passive	ERG	0.0515	18837	2.1	inHg	0090413-04
C5	2020-09-06	0.26		ENE	64	0.2	passive	ERG	0.0515	A21103	2.4	inHg	0092126-01
C5	2020-09-18	1.18		NNW	30	0.8	passive	ERG	0.0515	SAT002	2.9	inHg	0093025-04
C5	2020-09-24	0.45		E	90	1.6	passive	ERG	0.0515	SAT003	1.9	inHg	0093025-08

C5	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible
C5	2020-10-18	0.15	2	ENE	75	2.3	passive	ERG	0.0515	110308	0.0	inHg	0102916-04
C5	2020-10-24	0.33		SSE	165	0.2	passive	ERG	0.0515	110306	2.9	inHg	0111210-01
C5	2020-11-11	0.67		E	80	0.2	passive	ERG	0.0515	SAT005	2.2	inHg	0111824-08
C5	2020-11-17	0.10		NW	315	3.4	passive	ERG	0.0515	19663	1.0	inHg	0112513-04
C5	2020-11-23	0.20		NW	315	2.3	passive	ERG	0.0515	SAT179	1.3	inHg	0120411-04
C5	2020-12-05	0.07		WNW	290	3.1	passive	ERG	0.0515	19667	1.5	inHg	0121104-04
C5	2020-12-11	0.18		ESE	115	0.2	passive	ERG	0.0515	A21011	2.8	inHg	0122326-04
C5	2020-12-17	0.08	2	WNW	295	3.5	passive	ERG	0.0515	110308	0.0	inHg	0123026-05
C5	2020-12-23	0.12	2	E	92	1.7	passive	ERG	0.0515	111219	0.0	inHg	1010626-04
C5	2020-12-29	0.25	2	ENE	75	0.8	passive	ERG	0.0515	110306	6.4	inHg	1011326-05
C5	2021-01-04	0.28	2	WNW	295	1.2	passive	ERG	0.0515	A21076	0.0	inHg	1011326-09
C5	2021-01-10	0.23	2	ENE	70	0.5	passive	ERG	0.0515	SAT067	0.0	inHg	1012127-05
C5	2021-01-16	0.04	VB, U	WNW	285	2.3	passive	ERG	0.0515	33266	1.2	inHg	1012726-04
C5	2021-01-22	0.41		WNW	300	0.7	passive	ERG	0.0515	SAT003	1.1	inHg	1012903-04
C5	2021-02-03	0.08		NW	310	3.6	passive	ERG	0.0472	114366	1.0	inHg	1021208-05
C5	2021-02-09	0.27		ENE	65	0.6	passive	ERG	0.0472	110257	3.2	inHg	1021908-04
C5	2021-02-15	0.00	ND, U	E	85	2.4	passive	ERG	0.0472	19293	2.3	inHg	1022211-05
C5	2021-02-21	QA		ESE	105	2.1	passive	ERG	0.0472	SAT118	1.2	inHg	1030510-05
C5	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	19657	2.0	inHg	1030510-04
C5	2021-02-27	0.00	ND, U	ENE	70	1	passive	ERG	0.0472	19284	1.2	inHg	1031029-01
C5	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C5	2021-03-11	0.12		S	185	0.6	passive	ERG	0.0472	A21039	1.7	inHg	1031639-04
C5	2021-03-17	0.08		E	85	1.5	passive	ERG	0.0472	111217	2.9	inHg	1032432-04
C5	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21025	VOID		1041343-04
C5	2021-04-10	0.38	2	SSE	160	1.1	passive	ERG	0.0472	A21101	0.0	inHg	1042215-08
C5	2021-04-16	0.09	2	NE	45	0.7	passive	ERG	0.0472	110314	0.0	inHg	1042933-04
C5	2021-04-22	0.10	2	NNW	345	2	passive	ERG	0.0472	18830	6.9	inHg	1050321-03
C5	2021-04-28	0.08	2	SSW	205	0.4	passive	ERG	0.0472	111211	0.0	inHg	1050523-04
C5	2021-05-04	0.49		W	265	1.2	passive	ERG	0.0472	A21099	4.0	inHg	1051942-04
C5	2021-05-10	0.18		WNW	290	1.3	passive	ERG	0.0472	A21025	3.8	inHg	1051942-08
C5	2021-05-16	0.12		SW	225	0.4	passive	ERG	0.0472	19287	3.9	inHg	1060323-07
C5	2021-05-22	0.83		ENE	70	0.5	passive	ERG	0.0472	A21095	2.9	inHg	1060323-08
C5	2021-05-28	1.39		WSW	245	1.1	passive	ERG	0.0472	18828	4.0	inHg	1060415-04
C5	2021-06-03	0.09		SW	230	0.4	passive	ERG	0.0472	33275	4.2	inHg	1060924-03
C5	2021-06-15	0.14		NW	310	2.4	passive	ERG	0.0472	114322	5.2	inHg	1070116-05
C5	2021-06-27	0.38		ESE	120	1	passive	ERG	0.0472	A21054	4.9	inHg	1072320-04
C5	2021-07-15	0.14		WNW	290	0.4		ERG	0.0472	114340	5.2	inHg	1072936-04

C5	2021-07-27	0.21		NW	320	0.5		ERG	0.0472	18832	5.8	inHg	1080602-03
C7	2019-10-30	0.16		SE	130	1.2	passive	ERG	0.0452	18834	5.0	inHg	9110118-07
C7	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	18879	1.5	inHg	9110553-06
C7	2019-11-05	0.20		NNE	30	0.6	passive	ERG	0.0452	SAT071	3.1	inHg	9110810-05
C7	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	SAT106	3.2	inHg	9111412-06
C7	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
C7	2019-11-15	0.12		NE	50	1.3	passive	ERG	0.0452	18821	2.0	inHg	9112026-06
C7	2020-03-28	0.60	2	WSW	245	1.1	passive	ERG	0.0515	SAT185	4.2	inHg	0040814-04
C7	2020-04-27	0.87	2	NW	310	2.2	passive	ERG	0.0515	SAT157	2.0	inHg	0050615-05
C7	2020-05-27	0.37		E	80	2.6	passive	ERG	0.0515	SAT100	2.5	inHg	0060508-05
C7	2020-06-20	1.67	2	NNW	330	0.8	passive	ERG	0.0515	SAT165	6.8	inHg	0070602-05
C7	2020-08-19		AF	ESE	108	0.2	passive					Did Not Collect	No sample ID possible
C7	2020-11-23		AN	NW	315	2.3	passive	ERG		AZ50		VOID	0120411-05
C7	2020-12-23	0.09		E	92	1.7	passive	ERG	0.0515	114336	3.8	inHg	1010525-01
C7	2021-01-28	1.37		NW	315	5.6	passive	ERG	0.0515	SAT166	2.0	inHg	1020519-05
C7	2021-02-27	0.08	2	ENE	70	1	passive	ERG	0.0472	33533	0.5	inHg	1031121-04
C7	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21058	0.0	inHg	1041343-01
C7	2021-04-28	0.71		SSW	205	0.4	passive	ERG	0.0472	SAT043	6	inHg	1050523-05
C7	2021-06-27	0.21		ESE	120	1.0	passive	ERG	0.0472	35136	6.9	inHg	1072221-01
C7	2021-07-27	0.22		NW	320	0.5		ERG	0.0472	19642	11.1	inHg	1080602-04
C7	2021-08-26	1.01		ESE	105	0.3		ERG	0.0472	A21105	9.8	inHg	1090318-03
C7	2021-09-19	0.33		E	85	0.2		ERG	0.0472	18810	5.8	inHg	1100728-02
C7	2021-10-13	0.15		E	99	0.1		EPD	0.0288	110328	4.9	inHg	AK87856
C8	2019-10-30	0.22	2	SE	130	1.2	passive	ERG	0.0452	SAT081	7.0	inHg	9110118-08
C8	2019-11-01	0.10	U	NW	320	1.9	passive	ERG	0.0452	SAT100	5.0	inHg	9110553-07
C8	2019-11-08	0.08	2	NNW	330	1.9	passive	ERG	0.0452	19284	6.7	inHg	9111412-07
C8	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
C8	2019-11-15	0.08		NE	50	1.3	passive	ERG	0.0452	19288	5.8	inHg	9112026-07
C9	2019-10-30	0.24		SE	130	1.2	passive	ERG	0.0452	19651	3.5	inHg	9110118-09
C9	2019-11-01		AF	NW	320	1.9	passive	ERG		SAT145	29.8	inHg	9110553-08
C9	2019-11-05	0.18		NNE	30	0.6	passive	ERG	0.0452	SAT152	2.5	inHg	9110810-07
C9	2019-11-08	0.06		NNW	330	1.9	passive	ERG	0.0452	19641	3.0	inHg	9111412-08
C9	2019-11-13		AF	E	90	2	passive					Did Not Collect	No sample ID possible
Cobb FB	2020-01-23	0.00	U, ND	ENE	78	2.2	Field Blank	ERG	0.0452	9570	Field Blank		0013118-01
Cobb FB	2020-02-21	0.00	U, ND	NW	321	2.7	Field Blank	ERG	0.0452	53	Field Blank		0030235-05
Cobb FB	2020-03-25	0.00	U, ND				Field Blank	ERG	0.0515	A21074	Field Blank		0040116-01
Cobb FB	2020-04-24	0.00	U, ND				Field Blank	ERG	0.0515	9570	Field Blank		0050113-06
Cobb FB	2020-05-26	0.00	U, ND				Field Blank	ERG		SAT081	Field Blank		0052917-01

Cobb FB	2020-06-23	0.00		ND, U			Field Blank	ERG	0.0515	33506	Field Blank	0062611-07		
Cobb FB	2020-07-22	0.03		U			Field Blank	ERG	0.0515	SAT025	Field Blank	0072930-07		
Cobb FB	2020-09-29		AR				Field Blank	ERG		5054	Field Blank	0100211-06		
Cobb FB	2020-11-24	0.01		U			Field Blank	ERG	0.0515	2240	Field Blank	0120410-11		
Cobb FB	2020-12-28	0.00		U, ND			Field Blank	ERG	0.0515	A22304	Field Blank	1011327-01		
Cobb FB	2021-01-27	0.00		ND, U			Field Blank	ERG	0.0515	110314	Field Blank	1020318-05		
Cobb FB	2021-04-27	0.00		ND, U			Field Blank	ERG	0.0472	114344	Field Blank	1050423-01		
Cobb FB	2021-05-27	0.00		ND, U			Field Blank	ERG	0.0472	33506	Field Blank	1060241-01		
Cobb FB	2021-06-24	0.00		ND, U			Field Blank	ERG	0.0472	111217	Field Blank	1070113-01		
Cobb FB	2021-07-26			U			Field Blank	ERG	0.0472	19299	Field Blank	1072938-05		
Cobb FB	2021-08-24			U			Field Blank	ERG	0.0472	110314	Field Blank	1090124-01		
Cobb FB	2021-09-13			U			Field Blank	ERG	0.0472	18818	Field Blank	1091620-03		
Cobb FB	2021-10-27	0.00					Field Blank	EPD	0.0288	114358	Field Blank	AK88023		
Covington FB	2019-10-30	0.00		ND, U	SE	130	1.2	Field Blank	ERG	0.0452	A21032	Field Blank	9110118-10	
Covington FB	2019-12-30	0.00		ND, U				Field Blank	ERG	0.0452	A21026	Field Blank	0010322-09	
Covington FB	2020-01-27	0.00		U, ND				Field Blank	ERG	0.0452	A21000	Field Blank	0013117-03	
Covington FB	2020-02-21	0.00		U, ND				Field Blank	ERG	0.0452	19280	Field Blank	0030236-01	
Covington FB	2020-03-25	0.00		U, ND				Field Blank	ERG	0.0515	A21000	Field Blank	0040115-06	
Covington FB	2020-04-24	0.03		U				Field Blank	ERG	0.0515	SAT008	Field Blank	0050114-06	
Covington FB	2020-05-22		AR					Field Blank	ERG		A21073	Field Blank	0052918-01	
Covington FB	2020-06-24	0.00		ND				Field Blank	ERG	0.0515	SAT056	Field Blank	0070602-06	
Covington FB	2020-09-28		AR					Field Blank	ERG		19281	Field Blank	0100213-01	
Covington FB	2020-11-24	0.00		ND, U				Field Blank	ERG	0.0515	SAT043	Field Blank	0120411-06	
Covington FB	2020-12-28	0.00		U, ND				Field Blank	ERG	0.0515	213	Field Blank	1011326-01	
Covington FB	2021-01-26	0.00		ND, U				Field Blank	ERG	0.0515	A21011	Field Blank	1020319-01	
Covington FB	2021-04-27	0.00		ND, U				Field Blank	ERG	0.0472	110342	Field Blank	1050523-06	
Covington FB	2021-05-25	0.00		ND, U				Field Blank	ERG	0.0472	110252	Field Blank	1060324-06	
Covington FB	2021-06-25	0.00		ND, U				Field Blank	ERG	0.0472	SAT125	Field Blank	1070116-06	
Covington FB	2021-07-26			U				Field Blank	ERG	0.0472	114386	Field Blank	1072936-05	
Covington FB	2021-08-25			U				Field Blank	ERG	0.0472	CLS647	Field Blank	1090127-01	
Covington FB	2021-09-07			U				Field Blank	ERG	0.0472	33243	Field Blank	1091621-04	
Covington FB	2021-10-28	0.00						Field Blank	EPD	0.0288	110336	Field Blank	AK88025	
F1	2020-01-16	0.17			NW	321	4.2	passive	ERG	0.0452	18884	4.3	inHg	0012318-01
F1	2020-02-03	0.35			SSW	202	1.8	passive	ERG	0.0452	SAT087	3.1	inHg	0021215-01
F1	2020-02-15	0.39			E	99	2.1	passive	ERG	0.0452	A21083	2.0	inHg	0022613-01
F1	2020-02-21	0.64			NNW	343	2.2	passive	ERG	0.0452	A21022	3.2	inHg	0030234-01
F1	2020-02-27		AL		NW	312	4	passive	ERG		18828	19.2	inHg	0030606-01
F1	2020-03-04	0.86			SW	272	1.2	passive	ERG	0.0515	SAT163	4.6	inHg	0031135-01

F1	2020-03-10		AL	SW	218	1.9	passive	ERG		18875	VOID		0031834-01
F1	2020-03-16	0.37	2	E	83	3	passive	ERG	0.0515	19289	12.0	inHg	0032319-01
F1	2020-03-22	0.31		ENE	78	2.7	passive	ERG	0.0515	18829	1.8	inHg	0040113-01
F1	2020-03-28		AN	SW	220	2.7	passive	ERG		SAT023	17.5	inHg	0040816-01
F1	2020-04-09	0.90	2	WNW	295	4.5	passive	ERG	0.0515	18837	7.1	inHg	0041619-01
F1	2020-04-21	0.64	2	WNW	291	3	passive	ERG	0.0515	19668	6.1	inHg	0050112-01
F1	2020-04-27	1.50	2	NW	324	2.8	passive	ERG	0.0515	SAT043	5.8	inHg	0050616-01
F1	2020-05-21	1.10	2	ENE	70	1.4	passive	ERG	0.0515	SAT017	6.2	inHg	0052919-02
F1	2020-05-27	0.62	2	ENE	70	3.2	passive	ERG	0.0515	35126	6.1	inHg	0060507-01
F1	2020-06-08	1.14	2	ESE	120	2.7	passive	ERG	0.0515	SAT037	6.9	inHg	0061732-03
F1	2020-06-14	0.29	2	E	85	1.6	passive	ERG	0.0515	18879	6.2	inHg	0062525-01
F1	2020-06-20	0.48	2	NNW	339	1.1	passive	ERG	0.0515	18827	7.2	inHg	0062612-01
F1	2020-06-26	1.17	2	W	269	2.5	passive	ERG	0.0515	SAT039	6.6	inHg	0070603-01
F1	2020-07-08	0.39	2	NNW	333	0.9	passive	ERG	0.0515	A21080	6.8	inHg	0071533-01
F1	2020-07-20	0.72		NW	318	0.9	passive	ERG	0.0515	18829	2.1	inHg	0072931-01
F1	2020-08-01	0.78		SW	232	2.5	passive	ERG	0.0515	SAT057	1.6	inHg	0080617-01
F1	2020-08-13	1.60		W	271	1.1	passive	ERG	0.0515	SAT068	5.8	inHg	0082115-01
F1	2020-08-19		AO	NE	54	1.4	passive	ERG		5020	VOID		0082739-01
F1	2020-08-25	0.34	2	ENE	59	1.5	passive	ERG	0.0515	A21089	0.0	inHg	0090238-01
F1	2020-08-31	0.23	2	WNW	290	1	passive	ERG	0.0515	18822	0.0	inHg	0090830-01
F1	2020-09-12	0.11		E	90	2.3	passive	ERG	0.0515	19278	1.6	inHg	0092333-04
F1	2020-09-24	0.40		E	100	2.5	passive	ERG	0.0515	2240	1.9	inHg	0100212-01
F1	2020-09-30	0.52	2	W	267	1.6	passive	ERG	0.0515	SAT039	0.0	inHg	0100834-01
F1	2020-10-06	0.25	2	NE	40	0.8	passive	ERG	0.0515	35136	0.0	inHg	0101530-01
F1	2020-10-12	0.23	2	W	276	1.7	passive	ERG	0.0515	19647	0.0	inHg	0102301-01
F1	2020-10-18	0.16	2	E	79	2.1	passive	ERG	0.0515	110305	0.0	inHg	0102915-01
F1	2020-10-24	0.50	2	N	0	0.6	passive	ERG	0.0515	110314	0.0	inHg	0110528-01
F1	2020-11-05	0.15	2	NE	46	0.9	passive	ERG	0.0515	SAT022	0.0	inHg	0111208-01
F1	2020-11-11	0.41		SSE	167	0.9	passive	ERG	0.0515	18872	1.9	inHg	0112511-01
F1	2020-11-17	0.12	2	NNW	331	3.5	passive	ERG	0.0515	18810	0.0	inHg	0112511-03
F1	2020-11-23	0.09	2	NNW	330	3.4	passive	ERG	0.0515	19645	0.0	inHg	0120412-01
F1	2020-12-05	0.38	2	WNW	302	2.2	passive	ERG	0.0515	19299	0.0	inHg	0121642-01
F1	2020-12-17	0.37	2	WNW	296	3.2	passive	ERG	0.0515	A21037	0.0	inHg	0122407-01
F1	2020-12-23	0.14		SE	125	1.8	passive	ERG	0.0515	11211	1.2	inHg	1010625-01
F1	2020-12-29	0.20		E	94	1.1	passive	ERG	0.0515	110252	1.1	inHg	1010524-01
F1	2021-01-04	0.09		NW	318	1.4	passive	ERG	0.0515	33531	1.1	inHg	1011516-01
F1	2021-01-10	0.19	2	N	9	0.8	passive	ERG	0.0515	SAT033	0.0	inHg	1012723-01
F1	2021-01-16	0.09	2	W	272	3.1	passive	ERG	0.0515	19649	0.0	inHg	1012723-04

F1	2021-01-28		0.00	ND, U, 2	NW	325	5.5	passive	ERG	0.0515	110308	0.0	inHg	1020425-01
F1	2021-02-03	QA	0.22	2	NW	312	3.5	passive	ERG	0.0472	A21103	0.0	inHg	1021020-02
F1	2021-02-09		0.15		NE	41	1	passive	ERG	0.0472	SAT179	1	inHg	1021837-01
F1	2021-02-15		0.00	ND, U	E	83	2.8	passive	ERG	0.0472	114329	4.5	inHg	1030327-01
F1	2021-02-21		0.22	2	SE	136	2.6	passive	ERG	0.0472	A21073	0.5	inHg	1031122-01
F1	2021-02-27		0.00	U, ND, 2	NE	54	1.6	passive	ERG	0.0472	33490	0.0	inHg	1031030-01
F1	2021-02-27			U	NE	54	1.6		ERG	0.0472	A21073	0	inHg	1031030-01
F1	2021-03-05			AF	NW	325	2.2	passive					Did Not Collect	No sample ID possible
F1	2021-03-11		0.13		WNW	302	1.1	passive	ERG	0.0472	19654	5.8	inHg	1031636-01
F1	2021-03-17		0.17		E	79	2.5	passive	ERG	0.0472	110308	3.9	inHg	1032433-01
F1	2021-03-29		0.14		NE	41	1.5	passive	ERG	0.0472	A21021	5.2	inHg	1041410-01
F1	2021-04-04		0.22		NW	321	0.7	passive	ERG	0.0472	33535	1.2	inHg	1042216-01
F1	2021-04-10		0.12		S	175	2.9	passive	ERG	0.0472	19287	5.1	inHg	1042216-03
F1	2021-04-16		0.07		N	4	0.9	passive	ERG	0.0472	18821	4.7	inHg	1042934-01
F1	2021-04-22			BI	NW	321	1.3	passive	ERG		213	VOID		1050322-01
F1	2021-04-28		0.52	2	SW	232	1.6	passive	ERG	0.0472	A21052	6.2	inHg	1051247-01
F1	2021-05-04		0.18	2	SW	219	2.2	passive	ERG	0.0472	A21058	6.2	inHg	1051941-01
F1	2021-05-10		0.46	2	W	268	2.2	passive	ERG	0.0472	18876	6.7	inHg	1051941-04
F1	2021-05-16		0.57		SW	222	1.4	passive	ERG	0.0472	A21053	5.2	inHg	1060324-01
F1	2021-05-22		0.39		NE	40	0.5	passive	ERG	0.0472	33240	5.3	inHg	1060324-02
F1	2021-05-28		0.28	2	SW	219	2.8	passive	ERG	0.0472	110314	6.2	inHg	1060836-01
F1	2021-06-03		0.24		SW	232	1.5	passive	ERG	0.0472	19277	6.2	inHg	1060836-02
F1	2021-06-15		0.41		NNW	328	2.6	passive	ERG	0.0472	19640	6.5	inHg	1070115-01
F1	2021-06-27		0.41		SE	126	1.9	passive	ERG	0.0472	19650	6.1	inHg	1072321-01
F1	2021-07-15		0.57		NW	311	0.9		ERG	0.0472	19640	8.3	inHg	1072937-01
F1	2021-07-27			SC	NW	338	0.9		ERG	0.0472	35122	8.9	inHg	1080603-01
F1	2021-08-26		0.22		SE	144	1.2		ERG	0.0472	110252	6.8	inHg	1090319-01
F1	2021-09-19								ERG		19279	9.1	inHg	1100729-01
F1	2021-10-13		0.27		SW	227	0.3		EPD	0.0288	114334	3.2	inHg	AK87857
F2	2020-01-28		2.87		NNW	327	4.2	passive	ERG	0.0452	SAT002	1.10	inHg	0020526-02
F2	2020-02-03		0.56		SSW	202	1.8	passive	ERG	0.0452	19642	1.0	inHg	0021215-02
F2	2020-02-21		2.80	2	NNW	343	2.2	passive	ERG	0.0452	18832	0.0	inHg	0030234-02
F2	2020-02-27		1.03	2	NW	312	4	passive	ERG	0.0452	19645	0.0	inHg	0030537-01
F2	2020-03-04		2.84	2	SW	272	1.2	passive	ERG	0.0515	SAT130	0.0	inHg	0031135-02
F2	2020-03-22		0.97	2	ENE	78	2.7	passive	ERG	0.0515	SAT070	0.0	inHg	0040113-02
F2	2020-03-28		0.69		SW	220	2.7	passive	ERG	0.0515	SAT123	2.9	inHg	0040816-02
F2	2020-04-15		2.75	2	NNW	322	3.8	passive	ERG	0.0515	SAT025	0.0	inHg	0042219-02
F2	2020-04-21		0.83	2	WNW	291	3	passive	ERG	0.0515	SAT064	0.0	inHg	0050112-02

F2	2020-04-27		3.61	2	NW	324	2.8	passive	ERG	0.0515	SAT007	0.0	inHg	0050616-02
F2	2020-04-27	QA	3.49	2	NW	324	2.8	passive	ERG	0.0515	SAT011	4.5	inHg	0050616-03
F2	2020-05-03			AA	SW	230	2.5	passive	ERG		5115	VOID		0051408-02
F2	2020-05-27		0.33	2	ENE	70	3.2	passive	ERG	0.0515	SAT020	6.2	inHg	0060507-02
F2	2020-06-02		0.95	2	SSW	210	1.1	passive	ERG	0.0515	33327	7.0	inHg	0061732-02
F2	2020-06-08	QA	0.81	2	ESE	120	2.7	passive	ERG	0.0515	SAT069	6.9	inHg	0061732-05
F2	2020-06-14			BI	E	85	1.6	passive	ERG		SAT181	6.2	inHg	0062525-02
F2	2020-06-20		0.89	2	NNW	339	1.1	passive	ERG	0.0515	19284	7.0	inHg	0062612-02
F2	2020-07-02		1.73	2	NW	316	1.5	passive	ERG	0.0515	18830	7.1	inHg	0070930-02
F2	2020-07-08	QA	0.46	2	NNW	333	0.9	passive	ERG	0.0515	33232	0.0	inHg	0071533-03
F2	2020-07-08		0.37	2	NNW	333	0.9	passive	ERG	0.0515	A21053	6.5	inHg	0071533-02
F2	2020-07-20		0.46		NW	318	0.9	passive	ERG	0.0515	33531	2.8	inHg	0072931-02
F2	2020-08-01		0.19		SW	232	2.5	passive	ERG	0.0515	33327	2.2	inHg	0080617-02
F2	2020-08-13	QA	0.68	D-F	W	271	1.1	passive	ERG	0.0515	SAT178	5.3	inHg	0082115-03
F2	2020-08-13		0.50	D-F	W	271	1.1	passive	ERG	0.0515	33506	5.5	inHg	0082115-02
F2	2020-08-19		1.06		NE	54	1.4	passive	ERG	0.0515	19643	2.9	inHg	0082739-02
F2	2020-08-31		0.99	2	WNW	290	1	passive	ERG	0.0515	SAT076	0.0	inHg	0090830-02
F2	2020-09-18	QA	2.31	D-F	NNW	341	1.3	passive	ERG	0.0515	35143	1.0	inHg	0092510-03
F2	2020-09-24		0.23		E	100	2.5	passive	ERG	0.0515	19283	2.2	inHg	0100212-02
F2	2020-10-06		0.31	2	NE	40	0.8	passive	ERG	0.0515	19667	0.0	inHg	0101530-02
F2	2020-10-12		0.61	2	W	276	1.7	passive	ERG	0.0515	33533	0.0	inHg	0102301-02
F2	2020-10-18		0.17	2	E	79	2.1	passive	ERG	0.0515	110342	0.0	inHg	0102915-02
F2	2020-10-24		2.39	2, D-F	N	0	0.6	passive	ERG	0.0515	110257	7.1	inHg	0110528-02
F2	2020-10-24	QA	1.70	D-F	N	0	0.6	passive	ERG	0.0515	110322	4.9	inHg	0110528-04
F2	2020-10-30			AA	NW	319	4	passive	ERG		5013	VOID		0110924-02
F2	2020-11-05			AL	NE	46	0.9	passive	ERG		SAT008	VOID		0111208-02
F2	2020-11-17		1.25		NNW	331	3.5	passive	ERG	0.0515	SAT149	3.6	inHg	0112511-04
F2	2020-11-17	QA	0.99		NNW	330	3.4	passive	ERG	0.0515	33236	2.0	inHg	0112511-05
F2	2020-11-23		1.49		NNW	330	3.4	passive	ERG	0.0515	18808	3.8	inHg	0120412-03
F2	2020-12-11		1.62		SSE	165	0.7	passive	ERG	0.0515	19653	3.8	inHg	0122327-02
F2	2020-12-17	QA	0.89	2	WNW	296	3.2	passive	ERG	0.0515	35131	0.0	inHg	0122407-03
F2	2020-12-17		0.74		WNW	296	3.2	passive	ERG	0.0515	18865	2.3	inHg	0122407-02
F2	2020-12-23		0.19		SE	125	1.8	passive	ERG	0.0515	A21013	5.1	inHg	1010625-02
F2	2020-12-29		0.46	2	E	94	1.1	passive	ERG	0.0515	114366	0.0	inHg	1010524-02
F2	2021-01-04		0.15		NW	318	1.4	passive	ERG	0.0515	A21026	3.8	inHg	1011516-02
F2	2021-01-10	QA	1.62		N	9	0.8	passive	ERG	0.0515	SAT161	3	inHg	1012723-03
F2	2021-01-10		1.28		N	9	0.8	passive	ERG	0.0515	18889	2.3	inHg	1012723-02
F2	2021-01-22		0.25		NNW	329	1	passive	ERG	0.0515	33544	3.9	inHg	1020317-02

F2	2021-01-28		0.82		NW	325	5.5	passive	ERG	0.0515	SAT014	3.3	inHg	1020425-02
F2	2021-02-03		0.27		NW	312	3.5	passive	ERG	0.0472	35143	2.8	inHg	1021020-03
F2	2021-02-09	QA	0.31		NE	41	1	passive	ERG	0.0472	SAT009	1.8	inHg	1021837-03
F2	2021-02-09		0.18		NE	41	1	passive	ERG	0.0472	18874	4.1	inHg	1021837-02
F2	2021-02-21		0.13		SE	136	2.6	passive	ERG	0.0472	SAT070	2.3	inHg	1030327-03
F2	2021-03-05			AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F2	2021-03-11		0.36	2	WNW	302	1.1	passive	ERG	0.0472	18825	6.8	inHg	1031636-02
F2	2021-03-17		0.10	2	E	79	2.5	passive	ERG	0.0472	110335	6.9	inHg	1032433-02
F2	2021-03-23	QA	0.16		E	98	3	passive	ERG	0.0472	110342	5.8	inHg	1040731-01
F2	2021-03-23		0.11	2	E	98	3	passive	ERG	0.0472	110306	7.5	inHg	1040823-02
F2	2021-03-29		0.18	2	NE	41	1.5	passive	ERG	0.0472	114340	8.1	inHg	1041342-01
F2	2021-04-04		0.52	2	NW	321	0.7	passive	ERG	0.0472	SAT180	6.1	inHg	1042216-02
F2	2021-04-16		0.26	2	N	4	0.9	passive	ERG	0.0472	18882	7.8	inHg	1042934-02
F2	2021-04-22	QA	0.19	2	NW	321	1.3	passive	ERG	0.0472	114366	0.0	inHg	1050322-02
F2	2021-04-22		0.18		NW	321	1.3	passive	ERG	0.0472	A21034	5.2	inHg	1043023-01
F2	2021-04-28		0.42	2	SW	232	1.6	passive	ERG	0.0472	A22328	7.9	inHg	1051721-01
F2	2021-05-04		0.27		SW	219	2.2	passive	ERG	0.0472	114348	5.8	inHg	1051941-02
F2	2021-05-10		1.08	2	W	268	2.2	passive	ERG	0.0472	A21098	8.5	inHg	1051941-05
F2	2021-05-16		0.14	2	SW	222	1.4	passive	ERG	0.0472	18822	6.9	inHg	1060324-03
F2	2021-05-22		0.46	2	NE	40	0.5	passive	ERG	0.0472	19646	7.1	inHg	1060324-04
F2	2021-06-03		0.26		SW	232	1.5	passive	ERG	0.0472	19663	8	inHg	1060923-02
F2	2021-06-15		0.37		NNW	328	2.6	passive	ERG	0.0472	A21036	7.8	inHg	1070115-02
F2	2021-06-15	QA	0.20		NNW	328	2.6	passive	ERG	0.0472	114386	8.5	inHg	1070206-01
F2	2021-07-15		0.48	D-F	NW	311	0.9		ERG	0.0472	111219	7.9	inHg	1072937-02
F2	2021-07-15	QA	0.36	D-F	NW	311	0.9		ERG	0.0472	110257	3.2	inHg	1072937-03
F2	2021-07-27		0.39		NNW	338	0.9		ERG	0.0472	A21108	6.9	inHg	1080603-02
F2	2021-08-14	QA	0.55	D-F	ENE	66	1.7		ERG	0.0472	110306	8.2	inHg	1090130-03
F2	2021-08-14		0.36	D-F	ENE	66	1.7		ERG	0.0472	111217	4.1	inHg	1090130-02
F2	2021-08-26		0.24		SE	144	1.2		ERG	0.0472	35151	4.6	inHg	1090319-02
F2	2021-09-07	QA	0.28		ENE	58	1.2		ERG	0.0472	110258	6.9	inHg	1091619-02
F2	2021-09-07		0.26		ENE	58	1.2		ERG	0.0472	114386	3.1	inHg	1091619-01
F2	2021-09-19		0.54		ENE	62	1.3		ERG	0.0472	111219	6.5	inHg	1100617-01
F2	2021-10-01	QA	0.20		SE	131	0.9		EPD	0.0288	114350	6.9	inHg	AK87169
F2	2021-10-01		0.14		SE	131	0.9		EPD	0.0288	114380	7.5	inHg	AK87170
F2	2021-10-13		0.39		SW	227	0.3		EPD	0.0288	110321	4.9	inHg	AK87858
F2	2021-10-31		0.40		NW	317	2.7		EPD	0.0288	111205	0	inHg	AK88026
F3	2020-08-13		1.76		W	271	1.1	passive	ERG	0.0515	18883	4.8	inHg	0082115-04
F3	2020-08-25		0.91	2	ENE	59	1.5	passive	ERG	0.0515	18833	0.0	inHg	0090238-03



F3	2020-08-31	0.99	2	WNW	290	1	passive	ERG	0.0515	A21040	0.0	inHg	0090830-03
F3	2020-09-18	5.91		NNW	341	1.3	passive	ERG	0.0515	19280	5.6	inHg	0092510-02
F3	2020-09-24	1.63	2	E	100	2.5	passive	ERG	0.0515	SAT101	7.5	inHg	0100212-03
F3	2020-10-06	1.08		NE	40	0.8	passive	ERG	0.0515	19282	2.9	inHg	0101530-03
F3	2020-10-12	5.75	2	W	276	1.7	passive	ERG	0.0515	35138	0.0	inHg	0102301-03
F3	2020-10-18	1.03		E	79	2.1	passive	ERG	0.0515	111211	1.8	inHg	0102915-03
F3	2020-10-24	4.79	2	N	0	0.6	passive	ERG	0.0515	111217	12.5	inHg	0110528-03
F3	2020-10-30		AP	NW	319	4	passive	ERG		19276	VOID		No sample ID possible
F4	2021-01-16	0.09		W	272	3.1	passive	ERG	0.0515	33498	3.8	inHg	1012723-06
F4	2021-01-22	0.00	ND, U	NNW	329	1	passive	ERG	0.0515	19663	3.9	inHg	1020317-03
F4	2021-01-28	0.00	ND, U	NW	325	5.5	passive	ERG	0.0515	SAT085	3.3	inHg	1020425-03
F4	2021-02-03	0.00	ND, U	NW	312	3.5	passive	ERG	0.0472	111217	3.1	inHg	1021020-04
F4	2021-02-09	0.11		NE	41	1	passive	ERG	0.0472	114348	4.5	inHg	1021837-04
F4	2021-02-15	QA	0.28	E	83	2.8	passive	ERG	0.0472	SAT033	4.7	inHg	1030327-05
F4	2021-02-15	0.24		E	83	2.8	passive	ERG	0.0472	SAT157	4.7	inHg	1030327-04
F4	2021-02-27	0.11		NE	54	1.6	passive	ERG	0.0472	19660	3.9	inHg	1031122-03
F4	2021-03-05		AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F4	2021-03-17	0.29		E	79	2.5	passive	ERG	0.0472	SAT087	4.1	inHg	1032433-03
F4	2021-03-23	0.13		E	98	3	passive	ERG	0.0472	18824	5.0	inHg	1040823-03
F4	2021-03-29	0.09		NE	41	1.5	passive	ERG	0.0472	18879	5.3	inHg	1041410-02
F4	2021-04-04	0.15		NW	321	0.7	passive	ERG	0.0472	18884	3.5	inHg	1042123-01
F4	2021-04-10	0.70		S	175	2.9	passive	ERG	0.0472	SAT042	5.9	inHg	1042216-05
F4	2021-04-16	0.10		N	4	0.9	passive	ERG	0.0472	2527	5	inHg	1042934-03
F4	2021-04-22	0.09	2	NW	321	1.3	passive	ERG	0.0472	33327	0.0	inHg	1050322-03
F4	2021-04-28	0.40		SW	232	1.6	passive	ERG	0.0472	2240	5.9	inHg	1051247-02
F4	2021-05-04	0.07		SW	219	2.2	passive	ERG	0.0472	19278	5.9	inHg	1051941-03
F4	2021-05-10	0.10		W	268	2.2	passive	ERG	0.0472	18884	4.8	inHg	1051941-06
F4	2021-05-16	0.15		SW	222	1.4	passive	ERG	0.0472	111217	4.7	inHg	1060324-05
F4	2021-05-22	0.22	2	NE	40	0.5	passive	ERG	0.0472	33491	0.0	inHg	1060242-02
F4	2021-06-03	0.20		SW	232	1.5	passive	ERG	0.0472	33498	0	inHg	1060836-04
F4	2021-06-15	0.27		NNW	328	2.6	passive	ERG	0.0472	33529	6.2	inHg	1070115-03
Fulton FB	2020-02-21	0.00	U, ND	NW	312	4	Field Blank	ERG		A21096	Field Blank		0030234-03
Fulton FB	2020-06-23	0.00	U, ND				Field Blank	ERG	0.0515	19300	Field Blank		0062612-03
Fulton FB	2020-07-22	0.00	U, ND	N	8	1.4	Field Blank	ERG	0.0515	A21012	Field Blank		0072931-03
Fulton FB	2020-09-29		AR				Field Blank	ERG		SAT027	Field Blank		0100212-04
Fulton FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	18836	Field Blank		1011329-01
Fulton FB	2021-01-27	0.00	ND, U				Field Blank	ERG	0.0515	5101	Field Blank		1020317-04
Fulton FB	2021-04-27	0.04	U				Field Blank	ERG	0.0472	SAT029	Field Blank		1050524-01

Fulton FB	2021-05-27	0.00	ND, U			Field Blank	ERG	0.0472	33540	Field Blank		1060242-01		
Fulton FB	2021-06-24	0.00	ND, U			Field Blank	ERG	0.0472	A21031	Field Blank		1070115-04		
Fulton FB	2021-07-26	0.12				Field Blank	ERG	0.0472	35108	Field Blank		1072937-04		
Fulton FB	2021-08-24		U			Field Blank	ERG	0.0472	35139	Field Blank		1090130-01		
Fulton FB	2021-09-14		U			Field Blank	ERG	0.0472	18832	Field Blank		1091619-03		
Fulton FB	2021-10-27	0.00				Field Blank	EPD	0.0288	110313	Field Blank		AK88027		
General Coffee	2019-09-30		AN			Xonteck 911	ERG		N4112	20	inHg	9100409-01		
General Coffee	2019-10-12	0.06		ESE	139	0.6	Xonteck 911	ERG	0.0452	2767	19	inHg	9101529-01	
General Coffee	2019-10-24	0.08		E	84	3.3	Xonteck 911	ERG	0.0452	A21071	20	inHg	9110120-01	
General Coffee	2019-11-05	0.17		NE	42	1.5	Xonteck 911	ERG	0.0452	SAT099	19	inHg	9111358-01	
General Coffee	2019-12-23	0.04	U	WNW	320	2.4	Xonteck 911	ERG	0.0452	18870	21	inHg	9122720-01	
General Coffee	2020-01-04	0.36		WNW	320	5.3	Xonteck 911	ERG	0.0452	SAT160	20	inHg	0011011-01	
General Coffee	2020-01-16		AS	2	NW	311	2.8	Xonteck 911	ERG	0.0452	A21083	20	inHg	0012417-01
General Coffee	2020-01-28	0.35		N	0	1.5	Xonteck 911	ERG	0.0452	SAT168	21	inHg	0021033-01	
General Coffee	2020-02-09	0.08		E	88	2.3	Xonteck 911	ERG	0.0452	A21054	23	inHg	0021823-01	
General Coffee	2020-03-04	0.47		E	87	2	Xonteck 911	ERG	0.0515	SAT056	21	psig	0031322-01	
General Coffee	2020-03-16		AF		ESE	101	2.5	Xonteck 911	ERG			Did Not Collect	No sample ID possible	
General Coffee	2020-03-28	0.12		SW	227	3	Xonteck 911	ERG	0.0515	A21072	21	psig	0040215-02	
General Coffee	2020-04-09	0.18		W	281	3.2	Xonteck 911	ERG	0.0515	19645	22	psig	0042017-01	
General Coffee	2020-04-21		AF		WNW	285	2.3	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-04-27	1.07	2	NNW	330	2.6	Xonteck 911	ERG	0.0515	SAT063	23	psig	0050710-01	
General Coffee	2020-05-03	0.63	2, I-02	WSW	245	1.8	Xonteck 911	ERG	0.0515	SAT142	21	psig	0051506-01	
General Coffee	2020-05-27		AF		ENE	60	1.7	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-06-02	0.20	2	ESE	110	1.8	Xonteck 911	ERG	0.0515	33535	19	psig	0061524-01	
General Coffee	2020-06-08	0.48	2	SSW	210	1.5	Xonteck 911	ERG	0.0515	SAT053	21	psig	0061907-01	
General Coffee	2020-06-20	0.52	2	SW	216	0.66	Xonteck 911	ERG	0.0515	SAT074	22	psig	0062610-01	
General Coffee	2020-08-07	0.34	2	S	189	1.2	Xonteck 911	ERG	0.0515	A21009	23	psig	0081411-01	
General Coffee	2020-08-31	1.02	2	W	266	1.2	Xonteck 911	ERG	0.0515	SAT082	21	psig	0091422-01	
General Coffee	2020-09-12	0.20	2	E	86	2.7	Xonteck 911	ERG	0.0515	18879	22	psig	0092511-01	
General Coffee	2020-09-24		AF		SE	138	1.5	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2020-09-30	0.11	2	NNW	336	1	Xonteck 911	ERG	0.0515	18835	22	psig	0100913-01	
General Coffee	2020-10-06	0.21	2	ENE	60	2.8	Xonteck 911	ERG	0.0515	19641	22	psig	0101607-01	
General Coffee	2020-10-18	0.24	2	ENE	67	2.7	Xonteck 911	ERG	0.0515	A21086	21	psig	0102918-01	
General Coffee	2020-10-30	0.22	2	NNW	332	3	Xonteck 911	ERG	0.0515	A21028	23	psig	0110605-01	
General Coffee	2020-11-23	0.05	VB, 2, U	N	357	2.1	Xonteck 911	ERG	0.0515	19284	24	psig	0120409-01	
General Coffee	2020-12-17	0.04	2, VB, U	NW	313	2.3	Xonteck 911	ERG	0.0515	18829	21	psig	0122329-01	
General Coffee	2020-12-29		AF		E	87	1.4	Xonteck 911				Did Not Collect	No sample ID possible	
General Coffee	2021-01-04	0.04	2, VB, U	NW	316	1.3	Xonteck 911	ERG	0.0515	33243	22	psig	1011926-01	

General Coffee	2021-01-10		AF	NNW	346	0.8	Xonteck 911	ERG		Did Not Collect		No sample ID possible		
General Coffee	2021-01-16		AF	W	273	3	Xonteck 911	ERG	18869	Did Not Collect		1012901-01		
General Coffee	2021-02-03		AF	NW	316	2.3	Xonteck 911	ERG		Did Not Collect		No sample ID possible		
General Coffee	2021-02-09		AN	ESE	108	0.8	Xonteck 911	ERG	114340	VOID		1022520-01		
General Coffee	2021-02-15		AF	SSE	147	2.8	Xonteck 911	ERG		Did Not Collect		No sample ID possible		
General Coffee	2021-02-21	0.19		ESE	105	2.7	Xonteck 911	ERG	0.0472	SAT109	19	psig	1030427-01	
General Coffee	2021-02-27	0.00		ND, U, 2	WSW	239	1.3	Xonteck 911	ERG	0.0472	19647	21	psig	1030427-02
General Coffee	2021-03-11	0.06		2	SSE	148	0.9	Xonteck 911	ERG	0.0472	18823	22	psig	1031827-02
General Coffee	2021-03-11		AR	SSE	148	0.9	passive	ERG	19643	VOID			1031827-01	
General Coffee	2021-03-23		AR	E	87	1.5	Xonteck 911	ERG	SAT156	VOID			1040213-01	
General Coffee	2021-06-03	0.18		S	191	0.8	Xonteck 911	ERG	0.0472	SAT085	23	psig	1061030-01	
General Coffee	2021-06-15		AF	W	263	2.8	Xonteck 911						No sample ID possible	
General Coffee	2021-06-17	0.12			ENE	75	1.2	Xonteck 911	ERG	0.0472	9570	19	psig	1062411-01
General Coffee	2021-07-15	0.06		2	SSE	158	0.7	Xonteck 911	ERG		110342	23	psig	1072117-01
General Coffee	2021-07-27	0.11		2	W	278	0.9	Xonteck 911	ERG		18829	23	psig	1081725-01
General Coffee	2021-08-14		AN										No sample ID possible	
General Coffee	2021-08-20	0.08		2	WNW	302	1.3	Xonteck 911	ERG		19658	22	psig	1082630-01
General Coffee	2021-09-25	0.13			NNE	18	0.9	Xonteck 911	ERG		114344	22	psig	1100811-01
General Coffee	2021-10-13	0.08		2	ENE	71	1.0	Xonteck 911	ERG		110314	20	psig	1102225-01
General Coffee	2021-10-25		AF										No sample ID possible	
General Coffee	2021-10-31		AA	NW	306	1.8	Xonteck 911	ERG		35157	0	psig	1111538-01	
NR285	2020-03-10	0.37		2	SW	215	0.3	Xonteck 910	ERG	0.0515	A21033	0	inHg	0031723-01
NR285	2020-03-22	0.37			E	90	0.8	Xonteck 910	ERG	0.0515	A22329	18.7	psig	0040114-03
NR285	2020-05-09	0.07		2	WNW	291	0.3	Xonteck 910	ERG	0.0515	19647	18.1	psig	0051509-01
NR285	2020-06-14	0.26			ESE	119	0.1	Xonteck 910	ERG	0.0515	A21046	18.8	psig	0062523-01
NR285	2021-01-04	0.07			WNW	287	0.3	Xonteck 910	ERG	0.0515	SAT053	18.9	psig	1011328-05
NR285	2021-01-16	0.11			WNW	287	0.8	Xonteck 910	ERG	0.0515	35157	18.2	psig	1012725-03
NR285	2021-01-28	0.00		ND, U, 2	NW	319	1.2	Xonteck 910	ERG	0.0515	19288	12.8	psig	1020518-03
NR285	2021-02-09	0.34			ENE	60	0.1	Xonteck 910	ERG	0.0472	SAT107	18.3	inHg	1021909-02
NR285	2021-02-09	0.08			ENE	60	0.1	passive	ERG	0.0472	114322	2.0	inHg	1021909-01
NR285	2021-02-21	0.24			SE	125	0.8	passive	ERG	0.0472	A21099	1.8	inHg	1030511-05
NR285	2021-02-21	0.08			SE	125	0.8	Xonteck 910	ERG	0.0472	A21044	17.9	psig	1030511-06
NR285	2021-04-22	0.05			WNW	290	0.2	Xonteck 910	ERG	0.0472	19295	19	psig	1050320-01
NR285	2021-05-04	0.08		2	SSW	212	0.1	Xonteck 910	ERG	0.0472	19283	19.5	psig	1051938-01
NR285	2021-05-16	0.54		2	SSW	205	0.2	Xonteck 910	ERG	0.0472	A21012	19	psig	1060326-01
S1	2019-09-24		AN	NW	304	2.5	passive	ERG		SAT004	29.0	inHg	9092733-01	
S1	2019-09-26		AN	NW	313	1.7	passive				VOID		No sample ID possible	
S1	2019-10-06	0.06			E	87	3.8	passive	ERG	0.0452	19653	3.8	inHg	9100921-06

S1	2019-12-23		AN	ENE	67	4.7	passive	ERG		5077	1.2	inHg	0010321-05
S1	2019-12-31	0.05	2, U	W	275	6.2	passive	ERG	0.0452	18808	0.0	inHg	0010716-01
S1	2020-01-22	0.73	2	ENE	78	2.2	passive	ERG	0.0452	SAT014	0.0	inHg	0013009-01
S1	2020-01-28	0.32	2	WNW	301	2.5	passive	ERG	0.0452	SAT086	0.0	inHg	0020525-01
S1	2020-02-15	0.28		E	93	2.4	passive	ERG	0.0452	19668	2.0	inHg	0022612-01
S1	2020-03-10	0.33		SSW	197	2.1	passive	ERG	0.0515	2240	4.2	inHg	0031722-01
S1	2020-03-28	0.18	2	SW	220	2.8	passive	ERG	0.0515	19297	6.9	inHg	0040817-01
S1	2020-04-03	0.13		WNW	284	1.7	passive	ERG	0.0515	18823	4.3	inHg	0041003-01
S1	2020-04-09	0.44		WNW	292	5	passive	ERG	0.0515	SAT082	6.0	inHg	0041620-01
S1	2020-04-15	0.22		NW	320	4.3	passive	ERG	0.0515	SAT096	3.9	inHg	0042217-01
S1	2020-04-27	0.11		WNW	302	3.5	passive	ERG	0.0515	18827	4.0	inHg	0050617-01
S1	2020-05-15	0.11		SE	130	3.2	passive	ERG	0.0515	18870	5.9	inHg	0052846-01
S1	2020-05-21	0.07		E	85	1.7	passive	ERG	0.0515	19280	4.9	inHg	0052917-02
S1	2020-05-27	0.70		E	90	3.2	passive	ERG	0.0515	SAT111	5.8	inHg	0060506-01
S1	2020-06-02	0.57		S	185	1.7	passive	ERG	0.0515	SAT048	5.5	inHg	0061733-01
S1	2020-06-08	0.18		ESE	120	4.4	passive	ERG	0.0515	SAT044	6.0	inHg	0061733-05
S1	2020-06-26	0.44		W	275	3.5	passive	ERG	0.0515	19289	5.5	inHg	0070604-01
S1	2020-07-02	0.14	2	WNW	301	2.1	passive	ERG	0.0515	19660	6.5	inHg	0070929-01
S1	2020-07-14	0.15		WSW	253	1.3	passive	ERG	0.0515	18870	6.0	inHg	0072413-01
S1	2020-07-20	1.10		WSW	258	1	passive	ERG	0.0515	SAT152	2.9	inHg	0072930-01
S1	2020-07-26	0.18	2	NNW	340	0.9	passive	ERG	0.0515	19662	0.0	inHg	0080535-01
S1	2020-08-13	0.56		ESE	109	1.7	passive	ERG	0.0515	A22330	2.1	inHg	0082116-01
S1	2020-08-25	1.11		E	97	1.2	passive	ERG	0.0515	SAT033	1.9	inHg	0090237-01
S1	2020-08-31	0.58		WSW	238	0.7	passive	ERG	0.0515	A21001	2.1	inHg	0090831-01
S1	2020-09-12	2.01		ESE	105	2.6	passive	ERG	0.0515	SAT011	2.9	inHg	0092336-04
S1	2020-09-30	0.09	2	WNW	283	1.8	passive	ERG	0.0515	110335	0.0	inHg	0100832-01
S1	2020-10-06	0.16		E	87	1.2	passive	ERG	0.0515	19658	1.8	inHg	0101529-01
S1	2020-10-12	1.10		WNW	283	1.9	passive	ERG	0.0515	A21006	2.0	inHg	0102302-01
S1	2020-10-18	0.15		E	94	2.4	passive	ERG	0.0515	114329	1.1	inHg	0102914-01
S1	2020-10-24	0.11	2	N	3	1.1	passive	ERG	0.0515	114348	10.4	inHg	0110518-01
S1	2020-11-11	0.22		S	170	1.3	passive	ERG	0.0515	SAT061	3.5	inHg	0112512-01
S1	2020-12-05	0.07		WNW	291	3.5	passive	ERG	0.0515	19290	1.0	inHg	0121638-01
S1	2020-12-17	0.44	2	WNW	293	4.8	passive	ERG	0.0515	35147	0.0	inHg	0122408-01
S1	2020-12-23	0.10		ESE	114	3.3	passive	ERG	0.0515	19642	2.1	inHg	1010627-01
S1	2020-12-29	0.09		E	100	2	passive	ERG	0.0515	110322	2.1	inHg	1010523-01
S1	2021-01-04	0.07		SSW	292	1.9	passive	ERG	0.0515	19278	1.7	inHg	1011515-01
S1	2021-01-16	0.10		W	268	4.4	passive	ERG	0.0515	19340	1.0	inHg	1012724-06
S1	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19277	0.0	inHg	1020318-01

S1	2021-01-28	0.50		NW	317	6.6	passive	ERG	0.0515	SAT058	1.6	inHg	1020424-01
S1	2021-02-03	0.39	2	NW	308	4.2	passive	ERG	0.0472	SAT069	0.0	inHg	1021021-01
S1	2021-02-03	QA	2	NW	308	4.2	passive	ERG	0.0472	114336	0.0	inHg	1021021-02
S1	2021-02-09	0.08		ENE	69	1.5	passive	ERG	0.0472	9570	2.1	inHg	1021828-01
S1	2021-02-15	0.30		E	98	3.7	passive	ERG	0.0472	SAT184	2.8	inHg	1030328-01
S1	2021-02-21	0.28	2	ESE	122	4.3	passive	ERG	0.0472	SAT039	0.0	inHg	1030328-06
S1	2021-02-27	0.13	2	ESE	107	2.4	passive	ERG	0.0472	19289	0.0	inHg	1031031-01
S1	2021-03-05		AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S1	2021-03-11	0.12		SSW	194	1.6	passive	ERG	0.0472	18817	5.9	inHg	1031638-01
S1	2021-03-17	0.27	2	ESE	103	3.1	passive	ERG	0.0472	213	8.2	inHg	1032431-01
S1	2021-03-23	0.13	2	ESE	110	4.3	passive	ERG	0.0472	18836	8.6	inHg	1040821-01
S1	2021-03-29		AA	NNW	343	2.1	passive	ERG	0.0472	18836	VOID		1041340-01
S1	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	33235	5.8	inHg	1042122-01
S1	2021-04-10	0.17		SSE	161	3.8	passive	ERG	0.0472	19654	6.0	inHg	1042219-04
S1	2021-04-16	0.24	2	NNW	333	2.2	passive	ERG	0.0472	A21055	0.0	inHg	1042935-01
S1	2021-04-22	0.16	2	WNW	290	1.7	passive	ERG	0.0472	A21036	6.2	inHg	1043024-01
S1	2021-04-28	0.14		SSW	204	1.7	passive	ERG	0.0472	114322	6.0	inHg	1051246-01
S1	2021-05-04	0.20		SSW	200	2.5	passive	ERG	0.0472	33503	5.2	inHg	1051939-01
S1	2021-05-10	0.09	2	W	278	3	passive	ERG	0.0472	114386	6.4	inHg	1051939-05
S1	2021-05-16	0.22		SSW	198	1.2	passive	ERG	0.0472	19654	5.1	inHg	1060325-01
S1	2021-05-22	0.20	2	ENE	69	1.1	passive	ERG	0.0472	19294	6.1	inHg	1060325-02
S1	2021-06-03	0.22		SSW	212	2.4	passive	ERG	0.0472	19281	5.8	inHg	1060837-01
S1	2021-06-15	0.00	ND, CE, U	NW	310	4	passive	ERG	0.0472	A21070	7.4	inHg	1070113-02
S1	2021-06-27	0.32		SE	126	2.4	passive	ERG	0.0472	A21000	5.8	inHg	1072322-01
S1	2021-07-15	0.18		WSW	252	1.3		ERG	0.0472	33535	9.8	inHg	1072938-01
S2	2019-10-18	0.07		E	85	2.3	passive	ERG	0.0452	18882	2.1	inHg	9102414-02
S2	2019-10-24	0.05		E	85	1.8	passive	ERG	0.0452	19300	3.2	inHg	9103068-02
S2	2019-11-23	0.39		WSW	244	4.2	passive	ERG	0.0452	SAT049	3.1	inHg	9112712-02
S2	2019-12-11	0.03	U, 2	NW	320	3.1	passive	ERG	0.0452	19299	0.0	inHg	9121840-02
S2	2019-12-17	0.36	2	WNW	294	6.1	passive	ERG	0.0452	SAT091	0.0	inHg	0010321-02
S2	2019-12-23		AF	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S2	2019-12-31		AF	W	275	6.2	passive				Did Not Collect		No sample ID possible
S2	2020-01-04		AF	WNW	285	7.3	passive				Did Not Collect		No sample ID possible
S2	2020-01-22	0.10	2	ENE	78	2.2	passive	ERG	0.0452	SAT126	0.0	inHg	0013009-02
S2	2020-01-28	0.40	2	WNW	301	2.5	passive	ERG	0.0452	SAT076	0.0	inHg	0020525-02
S2	2020-02-03	0.78	2	SSW	211	1.9	passive	ERG	0.0452	SAT048	0.0	inHg	0021216-02
S2	2020-02-09		AO	ESE	103	3	passive	ERG		19276	VOID		0021825-02
S2	2020-02-15	0.80	2	E	93	2.4	passive	ERG	0.0452	SAT025	9.4	inHg	0022612-02

S2	2020-02-21		AN	NW	321	2.7	passive	ERG		18836	22.8	inHg	0030235-02
S2	2020-03-10	0.24		SSW	197	2.1	passive	ERG	0.0515	18877	3.2	inHg	0031722-02
S2	2020-04-03	0.09		WNW	284	1.7	passive	ERG	0.0515	19296	4.1	inHg	0041003-02
S2	2020-05-03		BI	WSW	255	2.6	passive	ERG		18879	5.7	inHg	0051409-02
S2	2020-05-09		BI	NW	320	3.6	passive	ERG		19297	2.0	inHg	0051505-01
S2	2020-05-15	0.57		SE	130	3.2	passive	ERG	0.0515	SAT183	5.3	inHg	0052846-02
S2	2020-05-27	0.80		NNW	330	2.6	passive	ERG	0.0515	35141	3.8	inHg	0060506-02
S2	2020-06-08	0.65		ESE	120	4.4	passive	ERG	0.0515	19662	4.8	inHg	0061733-06
S2	2020-06-20	0.59		NW	321	1.5	passive	ERG	0.0515	SAT103	5.2	inHg	0062611-02
S2	2020-07-08	0.18		W	280	1	passive	ERG	0.0515	19644	4.7	inHg	0071532-02
S2	2020-07-14	0.40		WSW	253	1.3	passive	ERG	0.0515	SAT024	5.8	inHg	0072413-02
S2	2020-07-20	0.31	2	WSW	258	1	passive	ERG	0.0515	19651	0.0	inHg	0072930-02
S2	2020-07-26	0.22		NNW	340	0.9	passive	ERG	0.0515	SAT044	1.8	inHg	0080535-02
S2	2020-08-07	1.53	2	NE	50	1.7	passive	ERG	0.0515	SAT029	0.0	inHg	0081932-02
S2	2020-08-19	0.78		SE	125	1.9	passive	ERG	0.0515	SAT182	3.9	inHg	0082740-02
S2	2020-08-25	0.77	2	E	97	1.2	passive	ERG	0.0515	33266	14.0	inHg	0090237-02
S2	2020-08-31	0.60	2	WSW	238	0.7	passive	ERG	0.0515	18870	0.0	inHg	0090831-02
S2	2020-09-12	0.17		ESE	105	2.6	passive	ERG	0.0515	19288	2.8	inHg	0092336-05
S2	2020-09-24	0.58	3	ESE	104	4.1	passive	ERG	0.0515	A21095	2.8	inHg	0100211-02
S2	2020-10-06	0.10	3	E	87	1.2	passive	ERG	0.0515	33238	1.7	inHg	0101529-02
S2	2020-10-12	0.33	3	WNW	283	1.9	passive	ERG	0.0515	A21011	2.9	inHg	0102302-02
S2	2020-10-18	0.12	3	E	94	2.4	passive	ERG	0.0515	110252	1.2	inHg	0102914-02
S2	2020-10-24	0.13	2, 3	N	3	1.1	passive	ERG	0.0515	110258	9.8	inHg	0110518-02
S2	2020-10-30	0.15	2, 3	NW	310	4.8	passive	ERG	0.0515	18833	0.0	inHg	0110923-01
S2	2020-11-17	0.09	3	NW	314	4.7	passive	ERG	0.0515	33243	1.2	inHg	0112512-06
S2	2020-11-23	0.18	3	NW	316	3.5	passive	ERG	0.0515	35148	1.2	inHg	0120410-03
S2	2020-12-11	0.08	3	SSE	148	1	passive	ERG	0.0515	19648	2.1	inHg	0122325-02
S2	2020-12-17	0.05	2, 3, U	WNW	293	4.8	passive	ERG	0.0515	18835	0.0	inHg	0122408-02
S2	2020-12-23	0.05	3	ESE	114	3.3	passive	ERG	0.0515	AQL0397	1.9	inHg	1010627-02
S2	2020-12-29	0.25	3	E	100	2	passive	ERG	0.0515	SAT097	2.2	inHg	1010523-02
S2	2021-01-04	0.17	3	SSW	292	1.9	passive	ERG	0.0515	A21106	1.4	inHg	1011515-02
S2	2021-01-16	0.04	3, VB, U	W	268	4.4	passive	ERG	0.0515	19293	1.1	inHg	1012724-07
S2	2021-01-22	0.00	ND, U, 2, 3	NNW	329	1	passive	ERG	0.0515	A21034	0.0	inHg	1020318-02
S2	2021-01-28	0.00	ND, U, 3	NW	317	6.6	passive	ERG	0.0515	SAT151	1.8	inHg	1020424-02
S2	2021-02-03	0.00	ND, U, 3, 2	NW	308	4.2	passive	ERG	0.0472	114344	0.0	inHg	1021021-03
S2	2021-02-09	0.06	3	ENE	69	1.5	passive	ERG	0.0472	111211	2.9	inHg	1021828-02
S2	2021-02-27	0.07	3	ESE	107	2.4	passive	ERG	0.0472	33235	2.8	inHg	1031120-01
S2	2021-03-05		AF	NW	322	3.2	passive		0.0472		Did Not Collect		No sample ID possible

S2	2021-03-17			0.16	2, 3	ESE	103	3.1	passive	ERG	0.0472	110252	6.8	inHg	1032431-02
S2	2021-03-23			0.20	3	ESE	110	4.3	passive	ERG	0.0472	18872	3.7	inHg	1040821-02
S2	2021-04-10			0.09	3	SSE	161	3.8	passive	ERG	0.0472	111217	4.5	inHg	1042219-05
S2	2021-04-16			0.08	3	NNW	333	2.2	passive	ERG	0.0472	19280	4.6	inHg	1042935-02
S2	2021-04-22			0.08	3	WNW	290	1.7	passive	ERG	0.0472	19288	1.8	inHg	1043024-02
S2	2021-04-28			0.30	3	SSW	204	1.7	passive	ERG	0.0472	44	5.0	inHg	1051246-02
S2	2021-05-04			0.30	3	SSW	200	2.5	passive	ERG	0.0472	A21106	4.2	inHg	1051939-02
S2	2021-05-10			0.09	3	W	278	3	passive	ERG	0.0472	18833	4.3	inHg	1051939-06
S2	2021-05-16			0.10	3	SSW	198	1.2	passive	ERG	0.0472	19657	3.8	inHg	1060325-03
S2	2021-05-22			0.13	3	ENE	69	1.1	passive	ERG	0.0472	19665	4	inHg	1060241-02
S2	2021-05-28			0.11	3	SW	232	3.2	passive	ERG	0.0472	111211	4.8	inHg	1060925-02
S2	2021-06-03			0.10	3	SSW	212	2.4	passive	ERG	0.0472	110342	5.2	inHg	1060837-02
S2	2021-06-15	QA		0.20		NW	310	4	passive	ERG	0.0472	111219	5.3	inHg	1070208-01
S2	2021-06-15			0.13		NW	310	4	passive	ERG	0.0472	110322	7.2	inHg	1070113-03
S2	2021-06-27			0.12		SE	126	2.4	passive	ERG	0.0472	19279	5.9	inHg	1072322-02
S2	2021-07-15			0.17		WSW	252	1.3		ERG	0.0472	110258	6.9	inHg	1072938-02
S2	2021-07-15	QA		0.15		WSW	252	1.3		ERG	0.0472	9570	9.8	inHg	1072938-03
S2	2021-07-27			0.18		NE	37	1.5		ERG	0.0472	19282	6.2	inHg	1080604-02
S2	2021-08-02			0.33		NW	313	1.9		ERG	0.0472	33534	7.1	inHg	1081308-01
S2	2021-08-26			0.34		SE	124	1.0		ERG	0.0472	19284	6	inHg	1090320-01
S2	2021-09-07			0.79		ENE	72	2.3		ERG	0.0472	A21007	6.1	inHg	1091620-01
S2	2021-09-07	QA		0.18		ENE	72	2.3		ERG	0.0472	19665	4.2	inHg	1091620-02
S2	2021-09-19		SC		D	E	96	1.8		ERG	09434508196721	35141	8.9	inHg	1100727-01
S2	2021-10-01			0.35		ESE	106	1.2		EPD	0.0288	114384	6.1	inHg	AK87166
S2	2021-10-01	QA		0.34		ESE	106	1.2		EPD	0.0288	114321	5.9	inHg	AK87165
S2	2021-10-13			0.32		ESE	102	0.4		EPD	0.0288	110307	0	inHg	AK87852
S2	2021-10-31			0.10		NW	307	3.7		EPD	0.0288	114324	10.3	inHg	AK88022
S3	2019-09-24			0.54		NW, W	304	2.5	passive	ERG	0.0452	18834	3.0	inHg	9092733-03
S3	2019-09-26			0.10		NW	313	1.7	passive	ERG	0.0452	18879	6.0	inHg	9100318-04
S3	2019-09-30			0.06	2	N	7	0.9	passive	ERG	0.0452	19650	7.0	inHg	9100318-05
S3	2019-10-12			0.21	2	NW	304	2.2	passive	ERG	0.0452	SAT058	6.8	inHg	9101802-03
S3	2019-10-24			0.06		E	85	1.8	passive	ERG	0.0452	A21104	6.0	inHg	9103068-03
S3	2019-12-17			0.08	2	WNW	294	6.1	passive	ERG	0.0452	19654	0.0	inHg	0010321-03
S3	2019-12-23		AN			ENE	67	4.7	passive	ERG		5139	0.0	inHg	0010321-06
S3	2019-12-31			0.03	2, U	W	275	6.2	passive	ERG	0.0452	18879	0.0	inHg	0010716-02
S3	2020-01-16		AF			NW	311	5.4	passive	ERG		5034	VOID		0012315-03
S3	2020-01-22			0.61		ENE	78	2.2	passive	ERG	0.0452	SAT033	3.8	inHg	0013009-03
S3	2020-02-03			0.42		SSW	211	1.9	passive	ERG	0.0452	SAT127	4.3	inHg	0021216-03

S3	2020-02-09	0.68		ESE	103	3	passive	ERG	0.0452	SAT176	3.2	inHg	0021825-03
S3	2020-03-28	0.28	2	SW	220	2.8	passive	ERG	0.0515	19647	7.1	inHg	0040817-03
S3	2020-04-09	0.19	2	WNW	292	5	passive	ERG	0.0515	19282	6.5	inHg	0041620-03
S3	2020-04-15	0.38	2	NW	320	4.3	passive	ERG	0.0515	SAT018	0.0	inHg	0042217-03
S3	2020-04-21	0.97	2	WNW	288	4.4	passive	ERG	0.0515	SAT038	5.4	inHg	0050113-03
S3	2020-04-27	0.42	2	WNW	302	3.5	passive	ERG	0.0515	SAT099	5.1	inHg	0050617-05
S3	2020-05-15	0.20	2	SE	130	3.2	passive	ERG	0.0515	33554	6.9	inHg	0052846-03
S3	2020-05-21	0.50		E	85	1.7	passive	ERG	0.0515	A21106	5.8	inHg	0052917-04
S3	2020-05-27	0.14		E	90	3.2	passive	ERG	0.0515	2527	5.7	inHg	0060506-03
S3	2020-06-08	0.39	2	ESE	120	4.4	passive	ERG	0.0515	A21055	6.6	inHg	0061733-07
S3	2020-06-14	0.17		ENE	70	1.7	passive	ERG	0.0515	110335	6.0	inHg	0062524-03
S3	2020-06-20	0.18	2	NW	321	1.5	passive	ERG	0.0515	18865	6.9	inHg	0062611-03
S3	2020-07-08	0.44	2	W	280	1	passive	ERG	0.0515	SAT009	6.1	inHg	0071532-03
S3	2020-07-14	0.27	2	WSW	253	1.3	passive	ERG	0.0515	18864	6.8	inHg	0072413-03
S3	2020-07-20	0.89		WSW	258	1	passive	ERG	0.0515	19291	2.3	inHg	0072930-03
S3	2020-08-07	1.49		NE	50	1.7	passive	ERG	0.0515	SAT014	2.6	inHg	0081932-03
S3	2020-08-13	0.91		ESE	109	1.7	passive	ERG	0.0515	19663	5.9	inHg	0082116-03
S3	2020-08-19	2.46	2	SE	125	1.9	passive	ERG	0.0515	19279	8.1	inHg	0082740-03
S3	2020-08-25	1.81	2	E	97	1.2	passive	ERG	0.0515	SAT118	0.0	inHg	0090237-03
S3	2020-08-31	0.35		WSW	238	0.7	passive	ERG	0.0515	18828	1.8	inHg	0090831-03
S3	2020-09-06	0.85		ENE	57	1.7	passive	ERG	0.0515	SAT061	1.3	inHg	0092336-03
S3	2020-09-12	1.67		ESE	105	2.6	passive	ERG	0.0515	SAT056	2.9	inHg	0092336-06
S3	2020-09-18	0.26		NNW	331	2.4	passive	ERG	0.0515	33233	2.5	inHg	0092509-03
S3	2020-09-24	0.47		ESE	104	4.1	passive	ERG	0.0515	A21073	2.6	inHg	0100211-03
S3	2020-10-06	0.38		E	87	1.2	passive	ERG	0.0515	A21083	3.2	inHg	0101529-03
S3	2020-10-12	2.51		WNW	283	1.9	passive	ERG	0.0515	35131	4.8	inHg	0102302-03
S3	2020-10-18	0.11	2	E	94	2.4	passive	ERG	0.0515	213	0.0	inHg	0102914-03
S3	2020-10-24	0.22	2	N	3	1.1	passive	ERG	0.0515	19666	11.0	inHg	0110518-03
S3	2020-11-05	0.27		E	93	0.8	passive	ERG	0.0515	SAT174	2.9	inHg	0111209-03
S3	2020-11-11	0.52		S	170	1.3	passive	ERG	0.0515	SAT156	5.8	inHg	0112512-03
S3	2020-11-17	0.27		NW	314	4.7	passive	ERG	0.0515	35117	3.3	inHg	0112512-07
S3	2020-11-23	0.06		NW	316	3.5	passive	ERG	0.0515	33309	3.2	inHg	0120410-05
S3	2020-12-17	0.08		WNW	293	4.8	passive	ERG	0.0515	110314	1.9	inHg	0122408-03
S3	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	114340	3.2	inHg	1010627-03
S3	2020-12-29	0.28		E	100	2	passive	ERG	0.0515	SAT076	3.9	inHg	1010523-03
S3	2021-01-04	0.28		SSW	292	1.9	passive	ERG	0.0515	A21047	3.7	inHg	1011515-03
S3	2021-01-10	0.18		ENE	60	1.5	passive	ERG	0.0515	SAT068	1.5	inHg	1012724-03
S3	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19658	0.0	inHg	1020318-03



S3	2021-01-28		0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	35119	2.8	inHg	1020424-03
S3	2021-02-03		0.00	ND, U	NW	308	4.2	passive	ERG	0.0472	110335	2.3	inHg	1021021-04
S3	2021-02-09		0.29		ENE	69	1.5	passive	ERG	0.0472	SAT076	3.8	inHg	1021828-04
S3	2021-02-15		0.50	D-F, 2	E	98	3.7	passive	ERG	0.0472	SAT114	6.8	inHg	1030328-03
S3	2021-02-21		0.56		ESE	122	4.3	passive	ERG	0.0472	SAT075	5.9	inHg	1030328-08
S3	2021-03-05			AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S3	2021-03-17		0.20		ESE	103	3.1	passive	ERG	0.0472	110322	5.2	inHg	1032431-03
S3	2021-03-29		0.09		NNW	343	2.1	passive	ERG	0.0472	18870	4.8	inHg	1041340-02
S3	2021-04-04		0.13		WNW	291	1.7	passive	ERG	0.0472	19643	2.1	inHg	1042219-02
S3	2021-04-10		0.15		SSE	161	3.8	passive	ERG	0.0472	114386	4.5	inHg	1042219-06
S3	2021-04-16		0.37		NNW	333	2.2	passive	ERG	0.0472	A21109	4.1	inHg	1042935-04
S3	2021-04-22		0.09		WNW	290	1.7	passive	ERG	0.0472	33512	2.0	inHg	1050323-01
S3	2021-04-28		0.17		SSW	204	1.7	passive	ERG	0.0472	110308	5.0	inHg	1051246-05
S3	2021-05-04		0.14		SSW	200	2.5	passive	ERG	0.0472	114340	4.9	inHg	1051939-04
S3	2021-05-10		0.33		W	278	3	passive	ERG	0.0472	110305	4.8	inHg	1051939-07
S3	2021-05-16		0.94		SSW	198	1.2	passive	ERG	0.0472	A21017	4.1	inHg	1060325-04
S3	2021-05-22		0.99		ENE	69	1.1	passive	ERG	0.0472	A21078	3.7	inHg	1060241-03
S3	2021-05-28		0.25		SW	232	3.2	passive	ERG	0.0472	19664	4.9	inHg	1060837-03
S3	2021-06-15		0.22		NW	310	4	passive	ERG	0.0472	110305	3.9	inHg	1070113-04
S3	2021-06-27		0.15		SE	126	2.4	passive	ERG	0.0472	18823	4.8	inHg	1072322-03
S3	2021-07-15		0.23		WSW	252	1.3		ERG	0.0472	114348	5.4	inHg	1072938-04
S3	2021-07-27		0.24		NE	37	1.5		ERG	0.0472	33498	7.5	inHg	1080604-03
S3	2021-08-02		0.44		NW	313	1.9		ERG	0.0472	A21053	4.8	inHg	1081308-02
S3	2021-08-26		0.30		SE	124	1.0		ERG	0.0472	33506	7.1	inHg	1090320-02
S4	2019-10-06		0.06		E	87	3.8	passive	ERG	0.0452	A21078	1.9	inHg	9100921-10
S4	2019-10-24		0.00	U, ND	E	85	1.8	passive	ERG	0.0452	19646	2.0	inHg	9103068-04
S4	2019-11-20	QA	0.26	2	NW	310	3.2	passive	ERG	0.0452	9570	0.0	inHg	9112204-05
S4	2019-11-23		0.10		WSW	244	4.2	passive	ERG	0.0452	A21108	2.8	inHg	9112712-04
S4	2019-12-17		0.36	2	WNW	294	6.1	passive	ERG	0.0452	19648	0.0	inHg	0010321-04
S4	2019-12-23			AN	ENE	67	4.7	passive	ERG		A21096	0.0	inHg	0010321-07
S4	2019-12-31		0.22	2, U	W	275	6.2	passive	ERG	0.0452	A21037	0.0	inHg	0010716-03
S4	2020-01-04		1.58	2	WNW	285	7.3	passive	ERG	0.0452	A21002	4.1	inHg	0011422-03
S4	2020-01-22	QA	0.18		ENE	78	2.2	passive	ERG	0.0452	A21025	2.0	inHg	0013009-05
S4	2020-01-22		0.16		ENE	78	2.2	passive	ERG	0.0452	SAT078	2.1	inHg	0013009-04
S4	2020-01-28		0.49	2	WNW	301	2.5	passive	ERG	0.0452	SAT173	0.0	inHg	0020525-04
S4	2020-02-03		0.38		SSW	211	1.9	passive	ERG	0.0452	19664	3.9	inHg	0021216-04
S4	2020-02-09		0.34		ESE	103	3	passive	ERG	0.0452	A21042	2.2	inHg	0021825-04
S4	2020-02-15		0.45		E	93	2.4	passive	ERG	0.0452	A21051	4.0	inHg	0022612-04

S4	2020-02-15	QA	0.42		E	93	2.4	passive	ERG	0.0452	49	2.2	inHg	0022527-01
S4	2020-03-04		0.62		WSW	241	1.6	passive	ERG	0.0515	A21094	3.2	inHg	0031013-02
S4	2020-03-10		0.30		SSW	197	2.1	passive	ERG	0.0515	A21040	3.5	inHg	0031722-03
S4	2020-03-28		0.40		SW	220	2.8	passive	ERG	0.0515	A21084	2.3	inHg	0040817-04
S4	2020-04-09	QA	0.72	2	WNW	292	5	passive	ERG	0.0515	SAT081	0.0	inHg	0041620-05
S4	2020-04-09		0.68		WNW	292	5	passive	ERG	0.0515	A21017	1.2	inHg	0041620-04
S4	2020-04-15		0.27	2	NW	320	4.3	passive	ERG	0.0515	A21083	0.0	inHg	0042217-04
S4	2020-04-21	QA	0.96	2	WNW	288	4.4	passive	ERG	0.0515	SAT182	4.3	inHg	0050113-05
S4	2020-04-21		0.29	2	WNW	288	4.4	passive	ERG	0.0515	18832	0.0	inHg	0050113-04
S4	2020-04-27		0.89	2	WNW	302	3.5	passive	ERG	0.0515	SAT173	0.0	inHg	0050617-03
S4	2020-05-03		1.16		WSW	255	2.6	passive	ERG	0.0515	SAT058	2.5	inHg	0051409-04
S4	2020-05-09	QA	0.72		NW	320	3.6	passive	ERG	0.0515	SAT071	1.2	inHg	0051505-04
S4	2020-05-15		0.29		SE	130	3.2	passive	ERG	0.0515	A21025	1.9	inHg	0052846-04
S4	2020-05-21		0.26		E	85	1.7	passive	ERG	0.0515	A22328	1.0	inHg	0052917-05
S4	2020-05-27		1.18	2	E	90	3.2	passive	ERG	0.0515	SAT131	0.0	inHg	0060506-04
S4	2020-06-02		0.90		S	185	1.7	passive	ERG	0.0515	SAT018	1.2	inHg	0061733-04
S4	2020-06-08	QA	0.20	2	ESE	120	4.4	passive	ERG	0.0515	19288	0.0	inHg	0061733-09
S4	2020-06-14		0.15	2	ENE	70	1.7	passive	ERG	0.0515	A21010	0.0	inHg	0062524-04
S4	2020-06-20		0.49		NW	321	1.5	passive	ERG	0.0515	A21095	1.4	inHg	0062611-04
S4	2020-07-08	QA	0.60	2	W	280	1	passive	ERG	0.0515	A21036	0.0	inHg	0071532-05
S4	2020-07-08		0.44	2	W	280	1	passive	ERG	0.0515	A21082	0.0	inHg	0071532-04
S4	2020-07-14		0.86	2	WSW	253	1.3	passive	ERG	0.0515	53	0.0	inHg	0072413-04
S4	2020-07-26		0.53		NNW	340	0.9	passive	ERG	0.0515	49	4.7	inHg	0080535-04
S4	2020-08-07	QA	0.87	2, D-F	NE	50	1.7	passive	ERG	0.0515	SAT156	0.0	inHg	0081932-05
S4	2020-08-07		0.59	D-F	NE	50	1.7	passive	ERG	0.0515	35131	4.0	inHg	0081932-04
S4	2020-08-13		0.74	2	ESE	109	1.7	passive	ERG	0.0515	A21056	7.8	inHg	0082116-04
S4	2020-08-19			AO	SE	125	1.9	passive	ERG	0.0515	A21069	17.1	inHg	0082740-04
S4	2020-08-25			DA	E	97	1.2	passive	ERG	0.0515	A21084	11.8	inHg	0090237-04
S4	2020-08-31			AA	WSW	238	0.7	passive	ERG	0.0515	A21077	16.8	inHg	0090831-04
S4	2020-09-06			AN	ENE	57	1.7	passive	ERG		SAT173	29.2	inHg	0092336-08
S4	2020-09-12		1.19	2	ESE	105	2.6	passive	ERG	0.0515	A21102	0.0	inHg	0092336-07
S4	2020-09-18	QA	1.22		NNW	331	2.4	passive	ERG	0.0515	44	5.0	inHg	0092509-05
S4	2020-09-18		0.00	2, ND, U	NNW	331	2.4	passive	ERG	0.0515	9570	0.0	inHg	0092509-04
S4	2020-09-24		0.37		ESE	104	4.1	passive	ERG	0.0515	A21088	1.0	inHg	0100211-04
S4	2020-10-06		0.17		E	87	1.2	passive	ERG	0.0515	18873	1.9	inHg	0101529-04
S4	2020-10-18		0.00	U, ND	E	94	2.4	passive	ERG	0.0515	114366	1.6	inHg	0102914-04
S4	2020-10-24		0.33		N	3	1.1	passive	ERG	0.0515	A21021	5.0	inHg	0110518-04
S4	2020-10-30		0.35		NW	310	4.8	passive	ERG	0.0515	A21106	1.6	inHg	0110923-03

S4	2020-10-30	QA	0.10		NW	310	4.8	passive	ERG	0.0515	19660	3.5	inHg	0110923-04
S4	2020-11-05		0.19		E	93	0.8	passive	ERG	0.0515	A21055	1.3	inHg	0111209-04
S4	2020-11-17		0.16	2	NW	314	4.7	passive	ERG	0.0515	A21050	0.0	inHg	0112512-08
S4	2020-11-17	QA	0.15	2	NW	314	4.7	passive	ERG	0.0515	A21026	0.0	inHg	0112512-09
S4	2020-11-23		0.06		NW	316	3.5	passive	ERG	0.0515	A21044	1.9	inHg	0120410-07
S4	2020-11-29		0.11		ESE	103	2.8	passive	ERG	0.0515	A21074	4.6	inHg	0120410-08
S4	2020-12-05			AL	WNW	291	3.5	passive	ERG		SAT148	26.9	inHg	0121714-01
S4	2020-12-11		0.59		SSE	148	1	passive	ERG	0.0515	A21006	2.8	inHg	0122325-04
S4	2020-12-17		0.17		WNW	293	4.8	passive	ERG	0.0515	A21058	4.8	inHg	0122408-04
S4	2020-12-23		0.15		ESE	114	3.3	passive	ERG	0.0515	35139	2.1	inHg	1010627-04
S4	2020-12-29		0.14		E	100	2	passive	ERG	0.0515	114344	2.9	inHg	1010523-04
S4	2021-01-04		0.13		SSW	292	1.9	passive	ERG	0.0515	A21050	2.2	inHg	1011515-04
S4	2021-01-10		0.18	2	ENE	60	1.5	passive	ERG	0.0515	A21099	0.0	inHg	1012724-04
S4	2021-01-10	QA	0.13	2	ENE	60	1.5	passive	ERG	0.0515	SAT020	0.0	inHg	1012724-05
S4	2021-01-16		0.07		W	268	4.4	passive	ERG	0.0515	19647	2.1	inHg	1012724-09
S4	2021-01-28		0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	A21109	2.3	inHg	1020424-04
S4	2021-02-03		0.07		NW	308	4.2	passive	ERG	0.0472	110322	1.9	inHg	1021021-05
S4	2021-02-09		0.23		ENE	69	1.5	passive	ERG	0.0472	213	2.0	inHg	1021828-05
S4	2021-02-15		0.38	D-F	E	98	3.7	passive	ERG	0.0472	SAT145	2.8	inHg	1030328-05
S4	2021-02-21	QA	0.37	2	ESE	122	4.3	passive	ERG	0.0472	SAT185	0.0	inHg	1030328-09
S4	2021-02-27	QA	0.29	2	ESE	107	2.4	passive	ERG	0.0472	A21031	0.0	inHg	1031031-02
S4	2021-02-27		0.20		ESE	107	2.4	passive	ERG	0.0472	A21065	4.1	inHg	1031120-03
S4	2021-03-05			AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S4	2021-03-11		0.25		SSW	194	1.6	passive	ERG	0.0472	A21053	5.2	inHg	1031638-04
S4	2021-03-17		0.22		ESE	103	3.1	passive	ERG	0.0472	A21101	4.2	inHg	1032431-04
S4	2021-03-29		0.25		NNW	343	2.1	passive	ERG	0.0472	A21098	5.9	inHg	1041340-05
S4	2021-04-04		0.12		WNW	291	1.7	passive	ERG	0.0472	18828	3.9	inHg	1042219-03
S4	2021-04-10		0.33		SSE	161	3.8	passive	ERG	0.0472	A21108	5.9	inHg	1042219-07
S4	2021-04-22	QA	0.50	D-F	WNW	290	1.7	passive	ERG	0.0472	18880	5.8	inHg	1043024-03
S4	2021-04-22		0.32	2, D-F	WNW	290	1.7	passive	ERG	0.0472	111219	6.1	inHg	1050719-01
S4	2021-04-28		0.27	2	SSW	204	1.7	passive	ERG	0.0472	A21026	6.5	inHg	1051246-04
S4	2021-05-04		0.49		SSW	200	2.5	passive	ERG	0.0472	A22304	5.8	inHg	1051939-03
S4	2021-05-10		0.17	2	W	278	3	passive	ERG	0.0472	110258	6.1	inHg	1051939-08
S4	2021-05-16		0.11		SSW	198	1.2	passive	ERG	0.0472	19647	5.8	inHg	1060325-05
S4	2021-05-22		0.11		ENE	69	1.1	passive	ERG	0.0472	19295	5.1	inHg	1060325-06
S4	2021-06-03		0.12		SSW	212	2.4	passive	ERG	0.0472	A21089	6.3	inHg	1060837-04
S4	2021-06-15		0.15		NW	310	4	passive	ERG	0.0472	110257	5.3	inHg	1070113-05
S4	2021-06-27		0.08		SE	126	2.4	passive	ERG	0.0472	33490	4.7	inHg	1072322-04

S5	2019-09-24	2.04		NW	304	2.5	passive	ERG	0.0452	19300	2.0	inHg	9092730-01
S5	2019-09-25		AN				passive	ERG		SAT059	VOID		9100921-07
S5	2019-09-30	0.32		N	7	0.9	passive	ERG	0.0452	A21101	2.0	inHg	9100921-01
S6	2019-12-23		AN	ENE	67	4.7	passive	ERG		SAT021	0.0	inHg	0010324-02
S6	2019-12-23		AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S6	2020-06-20	0.24	2	NW	321	1.5	passive	ERG	0.0515	18883	8.1	inHg	0062611-05
S6	2020-07-20	0.30		WSW	258	1	passive	ERG	0.0515	19277	1.6	inHg	0072930-05
S6	2020-11-23	0.00	2, U, ND	NW	316	3.5	passive	ERG	0.0515	19644	0.0	inHg	0120410-09
S6	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	18874	1.3	inHg	1010722-01
S6	2021-06-27	0.25		SE	126	2.4	passive	ERG	0.0472	33532	8	inHg	1072322-05
S6	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	110335	6.1	inHg	1090320-03
S6	2021-10-13	0.36		ESE	102	0.4		EPD	0.0288	114394	0	inHg	AK87854
S7	2019-12-23		AN	ENE	67	4.7	passive	ERG		5024	VOID		0010324-03
S7	2019-12-23		AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S7	2019-12-31	0.17	2	W	275	6.2	passive	ERG	0.0452	SAT014	0.0	inHg	0010716-05
S7	2020-01-04		AF	WNW	285	7.3	passive	ERG		SAT176	25.1	inHg	0011422-05
S7	2020-01-22	0.10	U	ENE	78	2.2	passive	ERG	0.0452	18831	1.0	inHg	0012928-01
S7	2020-03-28	0.34	2	SW	220	2.8	passive	ERG	0.0515	18876	8.1	inHg	0040817-06
S7	2020-04-27	0.41		WNW	302	3.5	passive	ERG	0.0515	18878	4.8	inHg	0050617-04
S7	2020-07-20	0.68	2	WSW	258	1	passive	ERG	0.0515	SAT003	0.0	inHg	0072930-06
S7	2020-08-19		AF	SE	125	1.9	passive				Did Not Collect		No sample ID possible
S7	2020-09-24	0.37		ESE	104	4.1	passive	ERG	0.0515	SAT179	4.9	inHg	0100211-05
S7	2020-10-30	0.20		NW	310	4.8	passive	ERG	0.0515	A21040	3.5	inHg	0110604-02
S7	2020-11-23	0.09		NW	316	3.5	passive	ERG	0.0515	33503	2.0	inHg	0120410-10
S7	2020-12-23		AN				passive	ERG	0.0515	A21103	29.6	inHg	1010523-05
S7	2021-01-28	0.00	2, ND, U	NW	317	6.6	passive	ERG	0.0515	114386	0.0	inHg	1020424-05
S7	2021-02-27	0.09		ESE	107	2.4	passive	ERG	0.0472	A21074	1.5	inHg	1031120-04
S7	2021-03-29	0.13	2	NNW	343	2.1	passive	ERG	0.0472	18881	6.1	inHg	1041340-04
S7	2021-04-28	0.49	2	SSW	204	1.7	passive	ERG	0.0472	SAT012	7.0	inHg	1051246-03
S7	2021-06-27	0.99		SE	126	2.4	passive	ERG	0.0472	A21105	7.5	inHg	1072322-06
S7	2021-07-27	1.31		WSW	252	1.3		ERG	0.0472	35135	10.2	inHg	1080604-04
S7	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	A21010	8.8	inHg	1090320-04
S7	2021-10-13	0.29		ESE	102	0.4		EPD	0.0288	110326	0	inHg	AK87853
South DeKalb	2019-06-14		AS	SSE	166	0.1	ATEC	EPA					E192601-01
South DeKalb	2019-08-13	0.10		SW	225	0.1	ATEC	ERG	0.0452	114308	14	psig	9082209-03
South DeKalb	2019-08-16	0.11		WNW	288	0.2	ATEC	ERG	0.0452	S/N00013	12	psig	9082209-01
South DeKalb	2019-09-04	0.10		NE	35	0.1	ATEC	ERG	0.0452	110335	8	psig	9091129-01
South DeKalb	2019-09-19	0.09	2	ESE	105	0.7	passive	ERG	0.0452	18826	11.2	psig	9092560-01

South DeKalb	2019-09-20	0.16		ESE	107	0.4	ATEC	ERG	0.0452	114369	12	psig	9092609-01	
South DeKalb	2019-09-30	0.24		W	264	0.1	passive	ERG	0.0452	A21046	0.7	inHg	9100319-01	
South DeKalb	2019-10-06	0.14		ENE	78	0.6	passive	ERG	0.0452	SAT158	2.5	inHg	9100923-02	
South DeKalb	2019-10-19	0.10		ENE	69	0.8	passive	ERG	0.0452	A21013	2.2	inHg	9102508-01	
South DeKalb	2019-10-24		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-10-27		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-10-30	0.13		SE	127	0.1	passive	ERG	0.0452	A21009	4.6	inHg	9110119-01	
South DeKalb	2019-11-01		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-11-03		AF				passive					Did Not Collect	No sample ID possible	
South DeKalb	2019-11-05		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2019-11-08	0.14		NW	306	0.3	passive	ERG	0.0452	A21025	3.1	inHg	9111413-01	
South DeKalb	2019-11-13	0.13		E	93	0.6	passive	ERG	0.0452	SAT123	1.9	inHg	9111510-01	
South DeKalb	2019-11-23	0.08	2, U	WSW	251	0.5	passive	ERG	0.0452	19277	0.0	inHg	9120424-02	
South DeKalb	2019-12-11	0.03	U	NW	323	0.4	passive	ERG	0.0452	18864	3.2	inHg	9121842-01	
South DeKalb	2019-12-23		AN	ENE	65	1.5	passive	ERG		9570	VOID		0010324-01	
South DeKalb	2020-01-04	0.16	2	WNW	292	1.3	passive	ERG	0.0452	A21084	0.0	inHg	0010908-01	
South DeKalb	2020-01-07	0.04	2, VB, U	WNW	285	1.1	passive	ERG	0.0452	A21058	0.0	inHg	0011706-01	
South DeKalb	2020-01-10		AF				passive	ERG				Did Not Collect	No sample ID possible	
South DeKalb	2020-01-22	0.42		E	86	0.4	passive	ERG	0.0452	A21100	2.9	inHg	0020428-01	
South DeKalb	2020-01-28		AN	WNW	293	0.5	passive	ERG		18828	28.9	inHg	0020523-01	
South DeKalb	2020-02-03	0.32		SW	224	0.4	passive	ERG	0.0452	A21058	5.3	inHg	0021217-01	
South DeKalb	2020-02-03	QA	0.27	SW	224	0.4	passive	ERG	0.0452	A21032	2.9	inHg	0021312-01	
South DeKalb	2020-02-09		SC	ESE	104	0.8	passive	ERG	0.0452	A21070	3.2	inHg	0022018-01	
South DeKalb	2020-02-15	0.08		E	97	0.5	passive	EPD		110327	3.9	inHg	AK41088	
South DeKalb	2020-02-21	0.17		N	357	0.2	passive	ERG	0.0452	18870	3.3	inHg	0022815-01	
South DeKalb	2020-03-04	0.21		NW	319	0.1	passive	ERG	0.0515	19284	4.7	inHg	0031323-01	
South DeKalb	2020-03-10	QA	0.24	SW	215	0.3	ATEC	ERG	0.0515	SAT117	13.2	inHg	0031837-01	
South DeKalb	2020-03-10		0.18	SW	215	0.3	passive	EPD		110315	4	inHg	AK42365	
South DeKalb	2020-03-16		0.46	E	84	0.9	passive	ERG	0.0515	SAT016	4.5	inHg	0032320-01	
South DeKalb	2020-03-22	QA	0.30	E	90	0.8	ATEC	ERG	0.0515	A21101	12.9	psi	0040114-02	
South DeKalb	2020-03-22		0.15	E	90	0.8	passive	ERG	0.0515	SAT120	3.3	inHg	0040114-01	
South DeKalb	2020-03-22		AL	E	90	0.8	passive	EPD		114331	VOID		AK42363	
South DeKalb	2020-03-28	0.37	2	SW	235	0.6	passive	ERG	0.0515	44	6.2	inHg	0040815-01	
South DeKalb	2020-03-28		0.18	SW	235	0.6	passive	EPD		110304	4	inHg	AK42362	
South DeKalb	2020-04-03	QA	0.47	2	W	278	0.3	passive	ERG	0.0515	SAT042	0.0	inHg	0041004-02
South DeKalb	2020-04-09		0.15	WNW	291	1	passive	ERG	0.0515	18873	5.5	inHg	0041708-01	
South DeKalb	2020-04-15		0.16	2	NW	306	0.5	passive	ERG	0.0515	A21035	0.0	inHg	0042221-01
South DeKalb	2020-04-15		AA	NW	306	0.5	ATEC	ERG	0.0515	A21042	27.56		0042221-02	

South DeKalb	2020-04-21	0.84	2	WNW	287	0.8	passive	ERG	0.0515	A21071	13.1	inHg	0050115-01
South DeKalb	2020-05-09	0.16	2	WNW	291	0.3	passive	ERG	0.0515	SAT130	4.1	inHg	0051507-01
South DeKalb	2020-05-15	0.50	2	SE	127	0.4	passive	ERG	0.0515	A21097	0.0	inHg	0052849-01
South DeKalb	2020-05-21	0.20		ESE	111	0.2	passive	ERG	0.0515	A21013	5.0	inHg	0052916-01
South DeKalb	2020-05-27		AO	E	93	0.5	passive	ERG		A21080	18.2	inHg	0060509-01
South DeKalb	2020-05-29	0.21		WNW	291	0.3	passive	EPD		35450	4	inHg	AK46103
South DeKalb	2020-06-02	0.53		S	177	0.2	passive	ERG	0.0515	A21001	1.5	inHg	0061041-01
South DeKalb	2020-06-02	QA		S	177	0.2	passive	ERG	0.0515	33297	4.0	inHg	0061041-02
South DeKalb	2020-06-02		AQ	S	177	0.2	passive	EPD		35013	VOID		AK46849
South DeKalb	2020-06-08	1.15		ESE	110	0.7	passive	ERG	0.0515	35117	3.0	inHg	0061734-01
South DeKalb	2020-06-08	0.87		ESE	110	0.7	passive	EPD		35007	5	inHg	AK46850
South DeKalb	2020-06-20	0.82		WNW	295	0.2	passive	ERG	0.0515	A21047	2.0	inHg	0070605-01
South DeKalb	2020-06-20		AF	WNW	295	0.2	passive	EPD		35448	VOID		AK46935
South DeKalb	2020-06-26	0.60		WNW	289	0.7	passive	ERG	0.0515	A21071	2.9	inHg	0070841-01
South DeKalb	2020-06-26	0.10		WNW	289	0.7	passive	EPD		35457	5	inHg	AK46934
South DeKalb	2020-07-08	0.99		SW	233	0.05	passive	EPD		35471	3.9	inHg	AK46936
South DeKalb	2020-07-08	0.82		SW	233	0.05	passive	ERG	0.0515	SAT016	2.1	inHg	0071714-01
South DeKalb	2020-07-14	0.63		W	263	0.1	passive	EPD		35644	5	inHg	AK49486
South DeKalb	2020-07-20	3.76		WSW	251	0.1	passive	ERG	0.0515	A21050	2.0	inHg	0072932-01
South DeKalb	2020-07-20	0.17		WSW	251	0.1	passive	EPD		35009	2	inHg	AK49485
South DeKalb	2020-07-26	1.19		SW	214	0.1	passive	EPD		35733	1.5	inHg	AK49487
South DeKalb	2020-07-26	0.51		SW	214	0.1	passive	ERG	0.0515	SAT064	2.8	inHg	0080537-01
South DeKalb	2020-07-26		AF	SW	214	0.1	passive	EPD		35771	VOID		AK49488
South DeKalb	2020-08-01	QA		SSW	211	0.3	passive	ERG	0.0515	A21065	1.5	inHg	0081409-03
South DeKalb	2020-08-07	0.95		SSE	168	0.1	passive	ERG	0.0515	A21098	1.0	inHg	0081409-02
South DeKalb	2020-08-07	0.72		SSE	168	0.1	passive	EPD		35007	1.7	inHg	AK51529
South DeKalb	2020-08-13	0.34		W	272	0.1	passive	EPD		35651	5	inHg	AK55445
South DeKalb	2020-08-19	5.72		SE	129	0.2	passive	EPD		35872	1.5	inHg	AK57040
South DeKalb	2020-08-19	0.74		SE	129	0.2	passive	ERG	0.0515	33503	3.3	inHg	0082741-01
South DeKalb	2020-08-25	1.08		E	85	0.1	passive	EPD		35013	1	inHg	AK51531
South DeKalb	2020-08-25	0.41		E	85	0.1	passive	ERG	0.0515	19660	1.7	inHg	0090240-01
South DeKalb	2020-08-31	0.97	2	WSW	255	0.1	passive	ERG	0.0515	A21028	0.0	inHg	0090414-01
South DeKalb	2020-08-31	0.75		WSW	255	0.1	passive	EPD		35799	2	inHg	AK52474
South DeKalb	2020-09-06	1.55	2	E	95	0.1	passive	ERG	0.0515	53	0.0	inHg	0091632-01
South DeKalb	2020-10-06	0.23		ESE	108	0.1	passive	EPD		35792	1	inHg	AK57552
South DeKalb	2020-10-12	1.36		W	281	0.3	passive	EPD		35827	1	inHg	AK57553
South DeKalb	2020-10-12	0.24		W	281	0.3	passive	ERG	0.0515	18876	1.8	inHg	0101606-01
South DeKalb	2020-10-18	0.17	2	ESE	107	0.3	passive	ERG	0.0515	114344	0.0	inHg	0102917-01

South DeKalb	2020-10-18	0.09		ESE	107	0.3	passive	EPD		35648	0	inHg	AK60669	
South DeKalb	2020-10-24	0.86		SE	140	0.1	passive	EPD		35457	9	inHg	AK60670	
South DeKalb	2020-10-24	0.70	2	SE	140	0.1	passive	ERG	0.0515	A21089	9.5	inHg	0103007-01	
South DeKalb	2020-10-30	3.72		WNW	296	0.8	passive	EPD		35651	0	inHg	AK60671	
South DeKalb	2020-10-30		AF	WNW	296	0.8	passive	EPA					0111124-01	
South DeKalb	2020-11-05	2.26		ESE	110	0.1	passive	EPD		35872	0	inHg	AK62779	
South DeKalb	2020-11-05	QA	0.18	ESE	110	0.1	passive	ERG	0.0515	A21015	3.8	inHg	0111825-03	
South DeKalb	2020-11-11	0.17		ESE	106	0.1	passive	EPD		35009	1.5	inHg	AK62780	
South DeKalb	2020-11-17	1.11		NW	307	0.5	passive	EPD		35821	0.4	psi	AK62781	
South DeKalb	2020-11-17	0.13		NW	307	0.5	passive	ERG	0.0515	A21025	3.0	inHg	0112514-01	
South DeKalb	2020-11-23	0.17		NW	312	0.5	passive	EPD		35815	0.4	psi	AK64351	
South DeKalb	2020-11-29		AF	E	89	0.7	passive	EPD		35771	VOID		AK64352	
South DeKalb	2020-12-05	0.57		WNW	292	0.7	passive	EPD		35806	0	inHg	AK64347	
South DeKalb	2020-12-11	0.38		ESE	118	0.1	passive	EPD		35701	0	inHg	AK64348	
South DeKalb	2020-12-11	QA	0.22	ESE	118	0.1	passive	ERG	0.0515	35136	4	inHg	0122328-02	
South DeKalb	2020-12-11	0.14		ESE	118	0.1	passive	ERG	0.0515	A21036	1.9	inHg	0122328-01	
South DeKalb	2020-12-17	0.09		WNW	293	1	passive	EPD		35872	0.8	psi	AK65737	
South DeKalb	2020-12-23	0.24		ESE	109	0.6	passive	EPD		35792	0.8	psi	AK65736	
South DeKalb	2020-12-23	0.10		ESE	109	0.6	ATEC	ERG	0.0515	110305	10	psig	1010721-01	
South DeKalb	2020-12-23	0.09		ESE	109	0.6	passive	ERG	0.0515	114348	3.8	inHg	1010628-01	
South DeKalb	2020-12-29	0.14		E	98	0.2	passive	EPD		35457	3	inHg	AK65735	
South DeKalb	2020-12-29	0.09		E	98	0.2	passive	ERG	0.0515	114329	3.9	inHg	1011328-02	
South DeKalb	2020-12-29		AK	E	98	0.2	ATEC	ERG		SAT007	VOID		1011328-01	
South DeKalb	2021-01-04	0.08		WNW	287	0.3	passive	ERG	0.0515	35152	2.1	inHg	1011328-03	
South DeKalb	2021-01-04	0.13	J, Q-2	WNW	287	0.3	passive	EPA					1011328-03	
South DeKalb	2021-01-04	QA	SC	CE	WNW	287	0.3	passive	EPA	0.0515	35124	VOID	1011328-04	
South DeKalb	2021-01-04	QA	SC		WNW	287	0.3	passive	EPA				1011328-04	
South DeKalb	2021-01-10	0.17	2	SE	130	0.1	passive	ERG	0.0515	A21001	0	inHg	1012128-02	
South DeKalb	2021-01-10	0.05		SE	130	0.1	passive	EPD		35651	0.6	psi	AK65738	
South DeKalb	2021-01-10		U, ND	SE	130	0.1	ATEC	ERG	0.0515	33309	11.9	psig	1012128-01	
South DeKalb	2021-01-16	0.13	2	WNW	287	0.8	passive	ERG	0.0515	A21108	0	inHg	1012725-01	
South DeKalb	2021-01-16	0.09		WNW	287	0.8	passive	EPD		86335	1	psi	AK66956	
South DeKalb	2021-01-16	0.05	2	WNW	287	0.8	ATEC	ERG	0.0515	33496	12.4	psig	1012725-02	
South DeKalb	2021-01-22	0.09		W	271	0.3	passive	EPD		114321	0	inHg	AK66957	
South DeKalb	2021-01-22	0.00	2, ND, U	W	271	0.3	passive	ERG	0.0515	SAT078	0.0	inHg	1012902-01	
South DeKalb	2021-01-28	0.26	2, 1, 6	NW	319	1.2	ATEC	ERG	0.0515	SAT025	12.9	psig	1020518-02	
South DeKalb	2021-01-28	0.08		NW	319	1.2	passive	EPD		111205	0.6	psi	AK67640	
South DeKalb	2021-02-03	QA	0.06	2	WNW	302	0.8	passive	ERG	0.0472	110342	0.0	inHg	1021209-02

South DeKalb	2021-02-03		AF	WNW	302	0.8	ATEC	ERG		114370	Did Not Collect		AK67641	
South DeKalb	2021-02-09	0.08		ENE	60	0.1	passive	EPD		114393	0	inHg	AK67642	
South DeKalb	2021-02-09	0.26	U	ENE	60	0.1	passive	EPA					AK67642	
South DeKalb	2021-02-09		AF	ENE	60	0.1	ATEC	ERG			Did Not Collect		No sample ID possible	
South DeKalb	2021-02-15	0.19	1, 6	E	94	0.9	passive	ERG	0.0472	35135	4.9	inHg	1022212-01	
South DeKalb	2021-02-15	0.06		E	94	0.9	passive	EPD		114379	6	inHg	AK68474	
South DeKalb	2021-02-15	0.04	1, 6, VB, U	E	94	0.9	ATEC	ERG	0.0472	2767	12.9	psig	1022212-02	
South DeKalb	2021-02-15	0.33	U	E	94	0.9	passive	EPA					AK68474	
South DeKalb	2021-02-15	0.31		E	94	0.9	passive	EPA					1022212-01	
South DeKalb	2021-02-21	0.57		SE	125	0.8	passive	EPD		SAT092	10.4	psi	AK71360	
South DeKalb	2021-02-21	0.26		SE	125	0.8	passive	EPD		114309	9	inHg	AK68475	
South DeKalb	2021-02-21	0.22	1, 6	SE	125	0.8	ATEC	ERG	0.0472	SAT092	12.8	psig	1030511-02	
South DeKalb	2021-02-21	0.12	1, 6	SE	125	0.8	passive	ERG	0.0472	18828	5.0	inHg	1030511-01	
South DeKalb	2021-02-21	0.28	J, Q-2	SE	125	0.8	passive	EPA					AK68475	
South DeKalb	2021-02-21	0.23	U	SE	125	0.8	passive	EPA					1030511-01	
South DeKalb	2021-02-27	0.50		E	90	0.4	passive	EPD		SAT002	1.5	inHg	AK71361	
South DeKalb	2021-02-27	0.13	2	E	90	0.4	passive	ERG	0.0472	SAT002	0.0	inHg	1030511-04	
South DeKalb	2021-02-27	0.09		E	90	0.4	passive	EPD		114321	0	inHg	AK69585	
South DeKalb	2021-02-27	0.08	1, 6	E	90	0.4	ATEC	ERG	0.0472	33540	13.0	psig	1030511-03	
South DeKalb	2021-02-27	0.11	1, 6, J, Q-2	E	90	0.4	ATEC	EPA					1030511-03	
South DeKalb	2021-03-05		AF	NW	318	0.3	passive	EPD		101	VOID		AK69586	
South DeKalb	2021-03-05		AF	NW	318	0.3	passive				Did Not Collect		No sample ID possible	
South DeKalb	2021-03-11	0.30		SSE	162	0.2	passive	EPD		114375	1	inHg	AK69587	
South DeKalb	2021-03-11	QA	0.23	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	SAT101	12.4	psig	1031637-02
South DeKalb	2021-03-11	0.22		SSE	162	0.2	passive	ERG	0.0472	A21006	1.3	inHg	1031637-03	
South DeKalb	2021-03-11	0.17	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	A21056	13.2	psig	1031637-01	
South DeKalb	2021-03-17	0.15		E	100	0.7	passive	EPD		114380	1	inHg	AK69588	
South DeKalb	2021-03-17	0.07	1, 6	E	100	0.7	ATEC	ERG	0.0472	9570	13.2	psig	1032327-02	
South DeKalb	2021-03-17	0.05	2	E	100	0.7	passive	ERG	0.0472	110314	0.0	inHg	1032327-01	
South DeKalb	2021-03-23	QA	0.19	2	E	100	0.8	passive	ERG	0.0472	111219	6.2	inHg	1032613-02
South DeKalb	2021-03-23	0.14		E	100	0.8	passive	EPD		114321	4	inHg	AK71208	
South DeKalb	2021-03-23	0.11		E	100	0.8	passive	ERG	0.0472	114366	6	inHg	1032613-01	
South DeKalb	2021-03-23	0.29	U	E	100	0.8	passive	EPA					AK71208	
South DeKalb	2021-03-23		AF	E	100	0.8	ATEC	ERG		110258	Did Not Collect		1032613-03	
South DeKalb	2021-03-29	0.36		E	82	0.1	passive	EPD		114378	4	inHg	AK71209	
South DeKalb	2021-03-29	0.10	1, 6	E	82	0.1	ATEC	ERG	0.0472	SAT061	12.4	psig	1040132-01	
South DeKalb	2021-03-29	0.07		E	82	0.1	passive	ERG	0.0472	114322	3.1	inHg	1040132-02	
South DeKalb	2021-04-04	0.32		W	281	0.3	passive	EPD		114370	0.3	psi	AK71210	



South DeKalb	2021-04-04	QA	0.15		W	281	0.3	passive	ERG	0.0472	33315	5.2	inHg	1040822-03	
South DeKalb	2021-04-04		0.09		W	281	0.3	passive	ERG	0.0472	18889	2.5	inHg	1040822-02	
South DeKalb	2021-04-04			AF	W	281	0.3	ATEC				Did Not Collect		No sample ID possible	
South DeKalb	2021-04-07		0.12		1, 6	SW	229	0.2	ATEC	ERG	0.0472	19284	13.4	psig	1041341-01
South DeKalb	2021-04-10		0.19			SE	143	0.4	passive	EPD		114350	6	inHg	AK72185
South DeKalb	2021-04-10		0.19			SE	143	0.4	passive	EPD		SAT130	10.2	psi	AK74308
South DeKalb	2021-04-10		0.10		2, 1, 6	SE	143	0.4	ATEC	ERG	0.0472	SAT130	11.6	psig	1041341-03
South DeKalb	2021-04-16		0.34			S	182	0.1	passive	EPD		114360	5	inHg	AK72184
South DeKalb	2021-04-16		0.18		1, 6	S	182	0.1	ATEC	ERG	0.0472	SAT020	12.6	psig	1042121-02
South DeKalb	2021-04-16		0.09			S	182	0.1	passive	ERG	0.0472	9570	3.9	inHg	1042121-01
South DeKalb	2021-04-22		0.26			WNW	290	0.2	passive	EPD		114309	0.4	psi	AK72186
South DeKalb	2021-04-22		0.07		1, 6	WNW	290	0.2	ATEC	ERG	0.0472	110322	12.4	psig	1042837-02
South DeKalb	2021-04-22		0.06		2	WNW	290	0.2	passive	ERG	0.0472	18865	0.0	inHg	1042837-01
South DeKalb	2021-04-28		0.31			SSW	192	0.2	passive	EPD		111212	6	inHg	AK72188
South DeKalb	2021-05-04		0.80			SSW	212	0.1	passive	EPD		A21047	9	psi	AK77550
South DeKalb	2021-05-04	QA	0.27		D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21013	13.5	inHg	1051245-02
South DeKalb	2021-05-04	QA	0.34		J, Q-2	SSW	212	0.1	passive	EPA					1051245-02
South DeKalb	2021-05-04			AL		SSW	212	0.1	passive	EPD		114321	VOID		AK73452
South DeKalb	2021-05-10		0.58			W	278	0.4	passive	EPD		33235	7.6	psi	AK77552
South DeKalb	2021-05-10		0.23			W	278	0.4	passive	EPD		18879	7	inHg	AK77551
South DeKalb	2021-05-10		0.21			W	278	0.4	passive	ERG	0.0472	18879	5.8	inHg	1051940-01
South DeKalb	2021-05-10	QA	0.15		1, 6	W	278	0.4	ATEC	ERG	0.0472	18881	12.4	psig	1051940-02
South DeKalb	2021-05-10		0.10		1, 6	W	278	0.4	ATEC	ERG	0.0472	33235	10.2	psig	1051940-03
South DeKalb	2021-05-10	QA	0.3		1, 6	W	278	0.4	ATEC	EPA					105940-02
South DeKalb	2021-05-10			AL		W	278	0.4	passive	EPD		114378	VOID		AK73453
South DeKalb	2021-05-16		0.55			SSW	205	0.2	passive	ERG	0.0472	19656	5.5	inHg	1052113-01
South DeKalb	2021-05-16		0.13		1, 6	SSW	205	0.2	ATEC	ERG	0.0472	19648	9.8	psig	1052014-01
South DeKalb	2021-05-16			AL		SSW	205	0.2	passive	EPD		114375	VOID		AK73454
South DeKalb	2021-05-22		0.62			SE	146	0.1	passive	EPD		101	6	inHg	AK73456
South DeKalb	2021-05-22		0.26		1, 6	SE	146	0.1	ATEC	ERG	0.0472	18873	9.8	psig	1060326-03
South DeKalb	2021-05-22		0.17		2	SE	146	0.1	passive	ERG	0.0472	19288	6.2	inHg	1060326-02
South DeKalb	2021-05-28		0.48		2	SW	234	0.5	passive	ERG	0.0472	33507	7.1	inHg	1060416-01
South DeKalb	2021-05-28		0.42			SW	234	0.5	passive	EPD		114309	6	inHg	AK75225
South DeKalb	2021-05-28		0.16		1, 6, 2	SW	234	0.5	ATEC	ERG	0.0472	114366	9.6	psig	1060416-02
South DeKalb	2021-06-03		0.27			WSW	238	0.1	passive	EPD	0.0288	114384	6	inHg	AK75226
South DeKalb	2021-06-03		0.21			WSW	238	0.1	passive	ERG	0.0472	110306	6.0	inHg	1060835-01
South DeKalb	2021-06-03	QA	0.09			WSW	238	0.1	passive	ERG	0.0472	19299	7.8	inHg	1060835-02
South DeKalb	2021-06-03			AF		WSW	238	0.1	ATEC						No sample ID possible

South DeKalb	2021-06-05	QA	0.18		SE	137	0.2	ATEC	ERG	0.0472	110308	9.6	psig	1061035-01
South DeKalb	2021-06-05		0.15	1, 6	SE	137	0.2	ATEC	ERG	0.0472	19649	13.2	psig	1061035-02
South DeKalb	2021-06-07		0.23					passive	EPD	0.0288	114360	6.2	inHg	AK75227
South DeKalb	2021-06-07		0.17					passive	EPD	0.0288	114350	5.5	inHg	AK75228
South DeKalb	2021-06-09		0.19		SSW	204	0.1	passive	EPD	0.0288	GL065	9	inHg	AK75229
South DeKalb	2021-06-09		0.17		SSW	204	0.1	passive	ERG	0.0472	18824	2.5	inHg	1061822-01
South DeKalb	2021-06-09		0.09	1, 6	SSW	204	0.1	ATEC	ERG	0.0472	19658	10	psig	1061822-02
South DeKalb	2021-06-10		0.23					passive	EPD	0.0288	114377	6.9	inHg	AK76054
South DeKalb	2021-06-10			AL				passive	EPD	0.0288	110316	VOID		AK76055
South DeKalb	2021-06-15		0.38		WNW	289	0.4	passive	EPD	0.0288	110343	6.5	inHg	AK75230
South DeKalb	2021-06-15		0.30		WNW	289	0.4	passive	ERG	0.0472	114340	3	inHg	1062364-01
South DeKalb	2021-06-15		0.13	1, 6	WNW	289	0.4	ATEC	ERG	0.0472	114344	9.8	psig	1062364-02
South DeKalb	2021-06-16		0.25					passive	EPD	0.0288	117224	4	inHg	AK76057
South DeKalb	2021-06-16		0.21					passive	EPD	0.0288	114345	6	inHg	AK76056
South DeKalb	2021-06-21		0.23		SW	235	0.4	passive	ERG	0.0472	114348	3.8	inHg	1062930-02
South DeKalb	2021-06-21		0.18		SW	235	0.4	passive	EPD	0.0288	111212	6.5	inHg	AK76932
South DeKalb	2021-06-21		0.08		SW	235	0.4	ATEC	ERG	0.0472	19643	10	psig	1062930-01
South DeKalb	2021-06-22		0.34					passive	EPD	0.0288	114328	3.5	inHg	AK76058
South DeKalb	2021-06-22		0.19					passive	EPD	0.0288	114311	6	inHg	AK76059
South DeKalb	2021-06-27		0.19		ESE	120	0.4	ATEC	ERG	0.0472	SAT037	9.8	psig	1070114-02
South DeKalb	2021-06-27		0.14		ESE	120	0.4	passive	EPD	0.0288	114321	6.5	inHg	AK76933
South DeKalb	2021-06-28		0.34					passive	EPD	0.0288	114378	3.7	inHg	AK76934
South DeKalb	2021-06-28		0.15					passive	EPD	0.0288	114375	6	inHg	AK76935
South DeKalb	2021-07-01		0.29					passive	EPD	0.0288	114384	3.9	inHg	AK77722
South DeKalb	2021-07-01		0.13					passive	EPD	0.0288	114380	7	inHg	AK76937
South DeKalb	2021-07-03		0.25	D-F	W	272	0.1	passive	ERG	0.0472	A21035	3.2	inHg	1070816-01
South DeKalb	2021-07-03		0.17		W	272	0.1	passive	EPD	0.0288	101	6.5	inHg	AK76936
South DeKalb	2021-07-03		0.14		W	272	0.1	ATEC	ERG	0.0472	18817	9.8	psig	1070816-03
South DeKalb	2021-07-09		0.23		WNW	289	0.3	passive	ERG	0.0472	111211	14	inHg	1072323-01
South DeKalb	2021-07-09		0.16		WNW	289	0.3	ATEC	ERG	0.0472	110308	9.6	psig	1072323-03
South DeKalb	2021-07-09	QA	0.08		WNW	289	0.3	ATEC	ERG	0.0472	110335	9.4	psig	1072323-05
South DeKalb	2021-07-09			AL	WNW	289	0.3	passive	EPD	0.0288	114350	VOID		AK77723
South DeKalb	2021-07-15		0.90		WNW	284	0.1	passive	EPD	0.0288	GL065	7.5	inHg	AK77725
South DeKalb	2021-07-15		0.56		WNW	284	0.1	passive	ERG	0.0472	110314	2	inHg	1072323-02
South DeKalb	2021-07-15		0.17		WNW	284	0.1	ATEC	ERG	0.0472	110252	9.6	psig	1072323-04
South DeKalb	2021-07-21		0.90		WSW	243	0.1	passive	EPD	0.0288	114360	7.5	inHg	AK77727
South DeKalb	2021-07-21		0.60		WSW	243	0.1	passive	ERG	0.0262	114366	2.8	inHg	1072939-01
South DeKalb	2021-07-21		0.13		WSW	243	0.1	ATEC	ERG	0.0472	19643	10.2	psig	1072939-02

South DeKalb	2021-07-27		0.51		SE	144	0.1	passive	ERG	0.0472	110305	0	inHg	1080437-01
South DeKalb	2021-07-27		0.22		SE	144	0.1	ATEC	ERG	0.0472	35140	10	psig	1080437-02
South DeKalb	2021-08-02		0.53		W	266	0.1	passive	EPD	0.0288	110343	6.9	inHg	AK79849
South DeKalb	2021-08-02		0.33		W	266	0.1	ATEC	ERG	0.0472	35158	10	psig	1080605-02
South DeKalb	2021-08-08		0.59		S	174	0.1	passive	EPD	0.0288	114342	7.5	inHg	AK79850
South DeKalb	2021-08-08		0.31	I-02	S	174	0.1	passive	ERG	0.0472	19668	7.1	inHg	1081128-01
South DeKalb	2021-08-14		0.19		SSW	196	0.1	ATEC	ERG	0.0472	114344	9.6	psig	1081922-02
South DeKalb	2021-08-14			AN	SSW	196	0.1	passive	EPD	0.0288	110329	15.7	inHg	AK79851
South DeKalb	2021-08-20		0.29		W	280	0.2	ATEC	ERG	0.0472	35134	9.8	psig	1082708-02
South DeKalb	2021-08-20		0.26		W	280	0.2	passive	EPD	0.0288	114321	7.8	inHg	AK82457
South DeKalb	2021-08-26		0.23		SE	137	0.2	ATEC	ERG	0.0472	44	9.4	psig	1090937-01
South DeKalb	2021-08-26		0.21		SE	137	0.2	passive	EPD	0.0288	114375	6.9	inHg	AK82458
South DeKalb	2021-08-26		0.15		SE	137	0.2	passive	ERG	0.0472	110308	8.7	inHg	1090937-03
South DeKalb	2021-09-01		0.19		W	281	0.7	passive	EPD	0.0288	114380	5.5	inHg	AK82459
South DeKalb	2021-09-01		0.12		W	281	0.7	ATEC	ERG	0.0472	111211	9.6	psig	1090937-02
South DeKalb	2021-09-07		0.18		E	94	0.1	ATEC	ERG	0.0472	110305	9.8	psig	1091311-03
South DeKalb	2021-09-07		0.13		E	94	0.1	passive	ERG	0.0472	9570	7.8	inHg	1091311-02
South DeKalb	2021-09-07	QA	0.11		E	94	0.1	ATEC	ERG	0.0472	114366	9.4	psig	1091311-01
South DeKalb	2021-09-07			AF	E	94	0.1	passive	EPD	0.0288	114384	27	inHg	AK82461
South DeKalb	2021-09-13		0.29		W	278	0.1	passive	EPD	0.0288	110343	7.1	inHg	AK84722
South DeKalb	2021-09-13		0.17		W	278	0.1	passive	ERG	0.0472	114322	5.8	inHg	1092020-01
South DeKalb	2021-09-13		0.16		W	278	0.1	ATEC	ERG	0.0472	114348	9.4	psig	1092020-02
South DeKalb	2021-09-19		1.69		ESE	103	0.2	passive	ERG	0.0472	A21095	10.2	inHg	1092308-01
South DeKalb	2021-09-19		0.39		ESE	103	0.2	ATEC	ERG	0.0472	35135	14.5	inHg	1092308-02
South DeKalb	2021-09-19			AF	ESE	103	0.2	passive	EPD	0.0288	114350	22	inHg	AK84717
South DeKalb	2021-09-22		0.25		W	270	0.2	ATEC	ERG	0.0472	19282	14.5	inHg	1092940-02
South DeKalb	2021-09-25		0.33		W	280	0.1	passive	EPD	0.0288	86335	1.5	inHg	AK84718
South DeKalb	2021-10-01		0.41		SE	132	0.1	ATEC	EPD	0.0288	110343	10.6	psig	AK87171
South DeKalb	2021-10-01		0.30		SE	132	0.1	passive	EPD	0.0288	114377	5.9	inHg	AK84720
South DeKalb	2021-10-09		0.31		NW	326	0.0	passive	EPD	0.0288	110327	4	inHg	AK87159
South DeKalb	2021-10-09		0.15		NW	326	0.0	passive	ERG	0.0472	110305	5.9	inHg	1101516-01
South DeKalb	2021-10-09		0.11		NW	326	0.0	ATEC	ERG	0.0472	110252	9.2	psig	1101516-02
South DeKalb	2021-10-19		0.39		SSW	193	0.1	passive	EPD	0.0288	GL065	2.9	inHg	AK87161
South DeKalb	2021-10-19		0.14		SSW	193	0.1	ATEC	ERG	0.0472	18818	5.4	psig	1102730-01
South DeKalb	2021-10-19		0.11		SSW	193	0.1	passive	ERG	0.0472	19656	4.8	inHg	1102628-01
South DeKalb	2021-10-21		0.36		SSW	202	0.1	passive	EPD	0.0288	114320	3	inHg	AK87160
South DeKalb	2021-10-25		0.29		W	259	0.3	passive	EPD	0.0288	114368	3	inHg	AK87162
South DeKalb	2021-10-28	QA	0.22		E	99	0.6	ATEC	ERG	0.0472	A21026	9.8	psig	1110507-04

South DeKalb	2021-10-31	QA	0.16	WNW	286	0.5	passive	ERG	0.0472	A21031	4.2	inHg	1110507-02
South DeKalb	2021-10-31		0.14	WNW	286	0.5	passive	ERG	0.0472	A21025	2.9	inHg	1110507-03
South DeKalb	2021-10-31		0.12	WNW	286	0.5	passive	EPD	0.0288	114353	4	inHg	AK88029

### Ethylene Oxide Data - 0" Hg Ending Pressure Data Removed

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Wind Direction	Wind Direction (degrees)	Wind Speed	Sampler Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Final Canister Pressure Units	Sample ID
C1	2019-10-03		1.08			WNW	300	0.6	passive	ERG	0.0452	18865	4.00	inHg	9100922-01
C1	2019-10-06		0.14			E	85	2.3	passive	ERG	0.0452	SAT145	3.1	inHg	9100922-05
C1	2019-10-12		1.61		LK	WNW	290	1	passive	ERG	0.0452	5050	4.9	inHg	9101803-01
C1	2019-10-27		2.57		LK, 2	WNW	290	2	passive	ERG	0.0452	5004	7.5	inHg	9103069-01
C1	2019-10-30		0.35		2	SE	130	1.2	passive	ERG	0.0452	SAT014	6.2	inHg	9110118-01
C1	2019-11-01		0.17			NW	320	1.9	passive	ERG	0.0452	A21046	5.0	inHg	9110553-01
C1	2019-11-03		0.20		LK, 2	NW	320	0.6	passive	ERG	0.0452	5145	6.1	inHg	9110635-01
C1	2019-11-05		0.11			NNE	30	0.6	passive	ERG	0.0452	SAT072	5.9	inHg	9110810-01
C1	2019-11-08		0.41		2	NNW	330	1.9	passive	ERG	0.0452	19664	6.3	inHg	9111412-01
C1	2019-11-15		0.67		LK	NE	50	1.3	passive	ERG	0.0452	AZ50	5.5	inHg	9112026-01
C2	2019-10-03		0.60		LK	WNW	300	0.6	passive	ERG	0.0452	N4102	5.1	inHg	9100922-02
C2	2019-10-06		0.16			E	85	2.3	passive	ERG	0.0452	SAT177	4.8	inHg	9100922-06
C2	2019-10-27		0.32		LK, 2	WNW	290	2	passive	ERG	0.0452	5117	7.6	inHg	9103069-02
C2	2019-10-30		0.33			SE	130	1.2	passive	ERG	0.0452	SAT029	5.1	inHg	9110118-02
C2	2019-11-01		0.22		LK	NW	320	1.9	passive	ERG	0.0452	SAT135	5.0	inHg	9110553-02
C2	2019-11-03		0.24		LK	NW	320	0.6	passive	ERG	0.0452	A21096	5.5	inHg	9110716-01
C2	2019-11-05		0.17		LK	NNE	30	0.6	passive	ERG	0.0452	SAT176	6.0	inHg	9110810-02
C2	2019-11-08		0.05			NNW	330	1.9	passive	ERG	0.0452	110335	6.0	inHg	9111412-02
C2	2019-11-13		0.17		LK	E	90	2	passive	ERG	0.0452	5082	5.9	inHg	9111509-01
C2	2019-11-15		0.25		LK	NE	50	1.3	passive	ERG	0.0452	5069	6.0	inHg	9112026-02
C2	2019-11-20		1.02		2	NNW	315	1	passive	ERG	0.0452	SAT063	6.1	inHg	9112711-01
C2	2019-11-23		0.42		2	W	285	1.5	passive	ERG	0.0452	SAT069	15.8	inHg	9112711-02
C2	2019-11-29		0.44		LK, 2	ENE	75	0.1	passive	ERG	0.0452	AZ43	7.4	inHg	9120610-01
C2	2019-12-05		0.76		2	NW	315	0.9	passive	ERG	0.0452	2767	6.9	inHg	9121207-01
C2	2019-12-08		0.19		LK, 2	E	90	3.3	passive	ERG	0.0452	18818	6.1	inHg	9121207-02
C2	2019-12-31		0.29		LK	W	275	2.9	passive	ERG	0.0452	5045	1.0	inHg	0010717-01
C2	2020-01-04			AF		WNW	290	4.3	passive	ERG		18830	26.8	inHg	0010907-01
C2	2020-01-07		0.49			WNW	285	2.8	passive	ERG	0.0452	SAT113	1.0	inHg	0011618-01
C2	2020-01-14			AF		NW	320	0.3	passive	ERG		5081	26.2	inHg	0011705-01
C2	2020-01-16		0.60			E	88	2.8	passive	ERG	0.0452	SAT156	3.5	inHg	0012927-01
C2	2020-01-19		0.14		LK	NW	310	4.9	passive	ERG	0.0452	SAT138	2.5	inHg	0012317-01
C2	2020-01-22		0.43		LK	ENE	75	1.7	passive	ERG	0.0452	5024	2.1	inHg	0012927-05
C2	2020-01-25		0.84		LK	WNW	290	2.6	passive	ERG	0.0452	5132	2.3	inHg	0013008-01
C2	2020-01-28		1.01		LK	NW	315	1.3	passive	ERG	0.0452	5083	3.5	inHg	0020524-01

C2	2020-01-30		AA	LK	ENE	75	1.5	passive	ERG	0.0452	5062	3.2	inHg	0020524-05
C2	2020-02-03	0.33			WSW	245	0.6	passive	ERG	0.0452	19649	3.2	inHg	0021311-01
C2	2020-02-09	0.70			E	80	1.3	passive	ERG	0.0452	SAT085	1.1	inHg	0021921-01
C2	2020-02-15	0.15			E	92	0.4	passive	ERG	0.0452	18889	3.2	inHg	0022425-01
C2	2020-02-21	0.48		LK	NE	45	0.5	passive	ERG	0.0452	5145	2.5	inHg	0022816-01
C2	2020-02-27	0.41			NW	315	3.8	passive	ERG	0.0452	SAT008	1.6	inHg	0030604-01
C2	2020-03-04	0.32		LK	NE	45	0.1	passive	ERG	0.0515	5100	4.8	inHg	0031012-01
C2	2020-03-10	0.55			SW	240	0.6	passive	ERG	0.0515	SAT108	1.3	inHg	0031836-01
C2	2020-03-16	0.09			E	85	2.8	passive	ERG	0.0515	18874	1.8	inHg	0032321-01
C2	2020-03-22	0.36		LK	ENE	80	2.9	passive	ERG	0.0515	5136	1.6	inHg	0040115-01
C2	2020-03-28	0.53		LK	WSW	245	1.1	passive	ERG	0.0515	5124	5.0	inHg	0040814-03
C2	2020-04-03	0.33			NW	310	0.6	passive	ERG	0.0515	18885	1.8	inHg	0041001-01
C2	2020-04-09	0.63		LK	WNW	290	3.3	passive	ERG	0.0515	5046	4.6	inHg	0041707-01
C2	2020-04-15	0.74		LK	NW	315	2.9	passive	ERG	0.0515	AZ38	1.7	inHg	0042218-01
C2	2020-04-21	1.31		LK, 2	WNW	285	2.2	passive	ERG	0.0515	5089	3.8	inHg	0050114-01
C2	2020-04-27	0.98		2	NW	310	2.2	passive	ERG	0.0515	19656	2.6	inHg	0050615-01
C2	2020-05-03	0.67		LK	W	270	1.2	passive	ERG	0.0515	5045	4.9	inHg	0051324-01
C2	2020-05-09	0.29		LK	NW	310	2.1	passive	ERG	0.0515	5099	3.2	inHg	0051504-01
C2	2020-05-15		BI		SSE	148	0.3	passive	ERG		5141	4.1	inHg	0052848-01
C2	2020-05-21	0.44		LK	NE	58	0.5	passive	ERG	0.0515	5017	2.9	inHg	0052918-03
C2	2020-05-27	0.50			E	80	2.6	passive	ERG	0.0515	SAT160	3.5	inHg	0060508-01
C2	2020-06-02	0.43		LK	SW	238	0.2	passive	ERG	0.0515	5072	3.9	inHg	0061042-01
C2	2020-06-08		BI		ESE	120	1.1	passive	ERG		SAT177	3.9	inHg	0061731-01
C2	2020-06-20	1.04		LK	NNW	330	0.8	passive	ERG	0.0515	SAT028	3.2	inHg	0070602-01
C2	2020-06-26	1.14		LK	WNW	285	2.2	passive	ERG	0.0515	5033	4.7	inHg	0070840-01
C2	2020-07-02	0.27			NNW	335	1.2	passive	ERG	0.0515	19280	4.2	inHg	0070928-01
C2	2020-07-08	0.82		LK	NE	45	0.6	passive	ERG	0.0515	5128	4.5	inHg	0071703-01
C2	2020-07-14	0.72		LK	NW	320	0.2	passive	ERG	0.0515	SAT035	3.1	inHg	0072412-01
C2	2020-07-26	13.86		LK	W	268	0.05	passive	ERG	0.0515	35158	3.1	inHg	0080534-01
C2	2020-08-01	0.20		LK	SW	214	0.5	passive	ERG	0.0515	SAT053	2.1	inHg	0081410-01
C2	2020-08-07	0.19			ENE	60	0.1	passive	ERG	0.0515	33533	1.9	inHg	0081410-05
C2	2020-08-31	0.15			W	278	0.1	passive	ERG	0.0515	19276	2.7	inHg	0090413-01
C2	2020-09-06	0.14			ENE	64	0.2	passive	ERG	0.0515	33554	2.0	inHg	0091711-01
C2	2020-09-12	0.45		LK	E	85	1.8	passive	ERG	0.0515	5014	4.1	inHg	0092335-01
C2	2020-09-18	4.77		LK	NNW	30	0.8	passive	ERG	0.0515	35128	2.7	inHg	0093025-01
C2	2020-09-24	0.28		LK	E	90	1.6	passive	ERG	0.0515	5101	2.1	inHg	0093025-05
C2	2020-10-06	0.39			E	85	0.6	passive	ERG	0.0515	SAT080	1.8	inHg	0101528-01
C2	2020-10-18	0.11			ENE	75	2.3	passive	ERG	0.0515	114340	1.0	inHg	0102916-01

C2	2020-10-24		0.39		SSE	165	0.2	passive	ERG	0.0515	111219	2.9	inHg	0103006-01
C2	2020-10-30		0.13		NW	310	4.1	passive	ERG	0.0515	33554	1.6	inHg	0111125-01
C2	2020-11-05		0.21		ENE	65	1	passive	ERG	0.0515	SAT118	1.1	inHg	0111824-01
C2	2020-11-11		0.20		E	80	0.2	passive	ERG	0.0515	18836	2.8	inHg	0111824-05
C2	2020-11-17		0.28	LK	NW	315	3.4	passive	ERG	0.0515	A21069	1.5	inHg	0112513-01
C2	2020-11-23		0.35		NW	315	2.3	passive	ERG	0.0515	SAT152	1.1	inHg	0120411-01
C2	2020-11-29		0.00	VB, U, ND	E	84	0.7	passive	ERG	0.0515	SAT015	3.9	inHg	0121016-01
C2	2020-12-11		0.15		ESE	115	0.2	passive	ERG	0.0515	18870	2.6	inHg	0122326-01
C2	2020-12-23		0.10		E	92	1.7	passive	ERG	0.0515	110257	1.8	inHg	1010626-01
C2	2020-12-29		0.18		ENE	75	0.8	passive	ERG	0.0515	114322	2.0	inHg	1011326-02
C2	2021-01-04		0.19		WNW	295	1.2	passive	ERG	0.0515	A21028	1.7	inHg	1011326-06
C2	2021-01-10		0.06		ENE	70	0.5	passive	ERG	0.0515	18824	1.2	inHg	1012127-01
C2	2021-01-16		0.05	VB, U	WNW	285	2.3	passive	ERG	0.0515	19657	1.0	inHg	1012726-01
C2	2021-01-28		0.31	LK	NW	315	5.6	passive	ERG	0.0515	A21033	1.8	inHg	1020519-01
C2	2021-02-03		0.09	2	NW	310	3.6	passive	ERG	0.0472	110305	1.4	inHg	1021208-01
C2	2021-02-09		0.37		ENE	65	0.6	passive	ERG	0.0472	SAT016	3.3	inHg	1021908-05
C2	2021-02-15		0.08	2	E	85	2.4	passive	ERG	0.0472	19649	10.3	inHg	1022211-01
C2	2021-02-21		0.09		ESE	105	2.1	passive	ERG	0.0472	33240	4.8	inHg	1030510-01
C2	2021-02-27		0.12		ENE	70	1	passive	ERG	0.0472	19294	1.7	inHg	1031121-01
C2	2021-03-11		0.29		S	185	0.6	passive	ERG	0.0472	18835	2.0	inHg	1031639-01
C2	2021-03-17		0.14		E	85	1.5	passive	ERG	0.0472	110305	2.9	inHg	1032432-01
C2	2021-03-23		0.14		E	80	2.3	passive	ERG	0.0472	111211	2.3	inHg	1040729-01
C2	2021-03-29		0.30		N	0	1.6	passive	ERG	0.0472	A21042	1.9	inHg	1041343-03
C2	2021-04-04		1.07	LK	WNW	285	0.8	passive	ERG	0.0472	SAT165	1.2	inHg	1042215-01
C2	2021-04-10		0.52		SSE	160	1.1	passive	ERG	0.0472	A21012	1.9	inHg	1042215-05
C2	2021-04-16		0.47		NE	45	0.7	passive	ERG	0.0472	A21005	2.0	inHg	1042933-01
C2	2021-04-28		0.17		SSW	205	0.4	passive	ERG	0.0472	110335	4.1	inHg	1050523-01
C2	2021-05-04		0.30	LK	W	265	1.2	passive	ERG	0.0472	SAT081	5.4	inHg	1051942-01
C2	2021-05-10		0.69	LK, 2	WNW	290	1.3	passive	ERG	0.0472	A21071	7.2	inHg	1051942-05
C2	2021-05-16		0.45		SW	225	0.4	passive	ERG	0.0472	33533	4.6	inHg	1060323-01
C2	2021-05-22		0.44		ENE	70	0.5	passive	ERG	0.0472	18827	3.9	inHg	1060323-02
C2	2021-05-28		0.23	LK	WSW	245	1.1	passive	ERG	0.0472	18868	4.7	inHg	1060415-01
C2	2021-06-03		0.17		SW	230	0.4	passive	ERG	0.0472	110335	4.90	inHg	1060924-01
C2	2021-06-15		0.23		NW	310	2.4	passive	ERG	0.0472	A21065	5.70	inHg	1070116-01
C2	2021-06-15	QA	0.11		NW	310	2.4	passive	ERG	0.0472	110258	5.80	inHg	1070116-02
C2	2021-06-27		0.27		ESE	120	1	passive	ERG	0.0472	SAT182	4.60	inHg	1072320-01
C2	2021-07-15		0.11		WNW	290	0.4		ERG	0.0472	110322	7.30	inHg	1072936-01
C2	2021-07-15	QA	0.11		WNW	290	0.4		ERG	0.0472	114322	6.80	inHg	1072936-02

C2	2021-07-27		0.96		NW	320	0.5		ERG	0.0472	A21012	8.20	inHg	1080602-01
C2	2021-08-02			AA	N	7	0.5		ERG		35112	0.2	inHg	1081306-01
C2	2021-08-14		2.39	D-F, LK	N	10	0.9		ERG	0.0472	SAT058	5.50	inHg	1090127-02
C2	2021-08-14	QA	0.59	D-F, LK	N	10	0.9		ERG	0.0472	A21032	10.90	inHg	1090127-03
C2	2021-08-26		0.12		ESE	105	0.3		ERG	0.0472	110342	5.10	inHg	1090318-01
C2	2021-09-07	QA	0.24		ENE	62	0.8		ERG	0.0472	110257	7.20	inHg	1091621-02
C2	2021-09-07		0.16		ENE	62	0.8		ERG	0.0472	110322	5.80	inHg	1091621-01
C2	2021-09-19		0.45	LK	E	85	0.2		ERG	0.0472	A21108	5.90	inHg	1100812-01
C2	2021-10-01		0.23		SE	131	0.1		EPD	0.0288	114375	6.70	inHg	AK87168
C2	2021-10-01	QA	0.20		SE	131	0.1		EPD	0.0288	110329	5.10	inHg	AK87167
C2	2021-10-13		0.11		E	99	0.1		EPD	0.0288	114391	5.80	inHg	AK87855
C2	2021-10-31		0.24		WNW	293	0.6		EPD	0.0288	110303	6.20	inHg	AK88024
C3	2019-10-03		0.49		WNW	300	0.6	passive	ERG	0.0452	SAT033	6.0	inHg	9100922-03
C3	2019-10-06		0.17	LK	E	85	2.3	passive	ERG	0.0452	A21069	5.5	inHg	9100922-07
C3	2019-10-12		0.59	2	WNW	290	1	passive	ERG	0.0452	SAT166	6.5	inHg	9101803-02
C3	2019-10-18		0.57		E	85	1.3	passive	ERG	0.0452	SAT084	3.8	inHg	9102507-01
C3	2019-10-24		0.06		E	90	1.6	passive	ERG	0.0452	18869	5.5	inHg	9103069-03
C3	2019-10-27		0.36	LK, 2	WNW	290	2	passive	ERG	0.0452	5069	7.1	inHg	9103069-04
C3	2019-10-30		0.35		SE	130	1.2	passive	ERG	0.0452	18831	5.1	inHg	9110118-03
C3	2019-11-01		0.13		NW	320	1.9	passive	ERG	0.0452	SAT155	3.8	inHg	9110553-03
C3	2019-11-03		0.22		NW	320	0.6	passive	ERG	0.0452	44	5.0	inHg	9110635-02
C3	2019-11-08		0.37		NNW	330	1.9	passive	ERG	0.0452	SAT161	5.6	inHg	9111412-03
C3	2019-11-13		0.50	LK	E	90	2	passive	ERG	0.0452	5132	5.8	inHg	9111509-02
C3	2019-11-15		0.23		NE	50	1.3	passive	ERG	0.0452	19283	4.4	inHg	9112026-03
C3	2019-11-20		0.58	LK, 2	NNW	315	1	passive	ERG	0.0452	5007	6.8	inHg	9112711-03
C3	2019-11-23		0.29		W	285	1.5	passive	ERG	0.0452	SAT054	5.6	inHg	9112711-04
C3	2019-11-29		0.29	LK	ENE	75	0.1	passive	ERG	0.0452	AZ45	5.6	inHg	9120610-02
C3	2019-12-05		0.48	LK, 2	NW	315	0.9	passive	ERG	0.0452	5100	6.1	inHg	9121207-03
C3	2019-12-08		0.18	LK	E	90	3.3	passive	ERG	0.0452	19663	4.8	inHg	9121207-04
C3	2019-12-11		0.18	LK	NNW	335	2.7	passive	ERG	0.0452	AZ52	4.9	inHg	9121841-02
C3	2019-12-14		0.23	LK	WNW	290	2.3	passive	ERG	0.0452	19293	4.2	inHg	9121841-07
C3	2019-12-17		0.38	LK, 2	WNW	300	3.4	passive	ERG	0.0452	SAT164	7.1	inHg	9122019-02
C3	2019-12-23			AF	ENE	70	5.1	passive	ERG		SAT097	28.0	inHg	0010322-06
C3	2020-01-10		0.09		E	80	2.4	passive	ERG	0.0452	18824	2.9	inHg	0011423-05
C3	2020-01-14		0.47	LK, 2	NW	320	0.3	passive	ERG	0.0452	SAT184	14.5	inHg	0011705-02
C3	2020-01-28		0.16		NW	315	1.3	passive	ERG	0.0452	18868	3.4	inHg	0020524-02
C3	2020-01-30		0.17		ENE	75	1.5	passive	ERG	0.0452	19278	4.0	inHg	0021214-01
C3	2020-02-03		0.08		WSW	245	0.6	passive	ERG	0.0452	19647	4.1	inHg	0021311-02



C3	2020-02-09	0.54		E	80	1.3	passive	ERG	0.0452	SAT182	1.8	inHg	0021921-02
C3	2020-02-15	0.29		E	92	0.4	passive	ERG	0.0452	SAT096	2.1	inHg	0022425-02
C3	2020-02-21	0.49		NE	45	0.5	passive	ERG	0.0452	2527	1.2	inHg	0022816-02
C3	2020-02-27	0.18	LK	NW	315	3.8	passive	ERG	0.0452	5103	3.0	inHg	0030604-02
C3	2020-03-04	0.52		NE	45	0.1	passive	ERG	0.0515	SAT107	5.0	inHg	0031012-02
C3	2020-03-10	0.09		SW	240	0.6	passive	ERG	0.0515	19298	2.9	inHg	0031836-02
C3	2020-03-16	0.66		E	85	2.8	passive	ERG	0.0515	SAT013	3.2	inHg	0032321-02
C3	2020-03-22	0.21	2	ENE	80	2.9	passive	ERG	0.0515	19641	2.1	inHg	0040115-02
C3	2020-03-28	0.11		WSW	245	1.1	passive	ERG	0.0515	19649	5.3	inHg	0040814-02
C3	2020-04-03	0.29		NW	310	0.6	passive	ERG	0.0515	18831	3.4	inHg	0041001-02
C3	2020-04-09	0.16		WNW	290	3.3	passive	ERG	0.0515	18824	4.9	inHg	0041707-02
C3	2020-04-21	0.15	2	WNW	285	2.2	passive	ERG	0.0515	19665	3.6	inHg	0050114-02
C3	2020-04-27	0.45		NW	310	2.2	passive	ERG	0.0515	SAT107	3.8	inHg	0050615-02
C3	2020-05-03	0.28	LK	W	270	1.2	passive	ERG	0.0515	5105	5.9	inHg	0051324-02
C3	2020-05-09	0.24		NW	310	2.1	passive	ERG	0.0515	SAT024	3.6	inHg	0051504-04
C3	2020-05-15	0.85		SSE	148	0.3	passive	ERG	0.0515	SAT158	4.1	inHg	0052918-02
C3	2020-05-21	0.15		NE	58	0.5	passive	ERG	0.0515	18836	3.6	inHg	0052918-04
C3	2020-05-27	0.40	LK	E	80	2.6	passive	ERG	0.0515	5015	5.1	inHg	0060508-02
C3	2020-06-02	0.50	LK	SW	238	0.2	passive	ERG	0.0515	5137	5.1	inHg	0061042-02
C3	2020-06-08	0.57	LK	ESE	120	1.1	passive	ERG	0.0515	5115	5.3	inHg	0061731-02
C3	2020-06-14	0.50		ENE	70	1.2	passive	ERG	0.0515	SAT123	4.8	inHg	0061908-02
C3	2020-06-20	1.07		NNW	330	0.8	passive	ERG	0.0515	SAT114	4.9	inHg	0070602-02
C3	2020-06-26	1.04	LK	WNW	285	2.2	passive	ERG	0.0515	5013	5.8	inHg	0070840-02
C3	2020-07-02	0.27	LK, 2	NNW	335	1.2	passive	ERG	0.0515	5141	6.1	inHg	0070928-02
C3	2020-07-08	0.75	LK	NE	45	0.6	passive	ERG	0.0515	5083	5.8	inHg	0071703-03
C3	2020-07-14	0.52		NW	320	0.2	passive	ERG	0.0515	SAT096	4.9	inHg	0072412-02
C3	2020-07-26	0.53		W	268	0.05	passive	ERG	0.0515	SAT015	2.9	inHg	0080534-02
C3	2020-08-01	0.35	LK	SW	214	0.5	passive	ERG	0.0515	SAT149	3.1	inHg	0081410-02
C3	2020-08-07	0.38		ENE	60	0.1	passive	ERG	0.0515	SAT100	2.0	inHg	0081325-01
C3	2020-09-06	0.17		ENE	64	0.2	passive	ERG	0.0515	19298	1.9	inHg	0091631-01
C3	2020-09-12	1.05	LK	E	85	1.8	passive	ERG	0.0515	5124	4.0	inHg	0092335-02
C3	2020-09-18	0.63		NNW	30	0.8	passive	ERG	0.0515	SAT075	1.9	inHg	0093025-02
C3	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	18869	1.0	inHg	0100833-02
C3	2020-10-06	1.08	LK	E	85	0.6	passive	ERG	0.0515	5027	2.3	inHg	0101528-02
C3	2020-10-24	0.26		SSE	165	0.2	passive	ERG	0.0515	114336	2.3	inHg	0103006-02
C3	2020-11-11	0.13		E	80	0.2	passive	ERG	0.0515	18880	1.8	inHg	0111824-06
C3	2020-11-29	0.39		E	84	0.7	passive	ERG	0.0515	SAT016	1.1	inHg	0121016-02
C3	2020-12-05	0.36	LK	WNW	290	3.1	passive	ERG	0.0515	5106	1.4	inHg	0121104-02

C3	2020-12-11	0.21	LK	ESE	115	0.2	passive	ERG	0.0515	5072	2.8	inHg	0122326-02
C3	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110258	1.3	inHg	1010626-02
C3	2020-12-29	0.73		ENE	75	0.8	passive	ERG	0.0515	SAT099	2.3	inHg	1011326-03
C3	2021-01-04	0.11		WNW	295	1.2	passive	ERG	0.0515	18880	1.7	inHg	1011326-07
C3	2021-01-16	0.33	LK	WNW	285	2.3	passive	ERG	0.0515	AZ37	1.6	inHg	1012726-03
C3	2021-01-22	0.70		WNW	300	0.7	passive	ERG	0.0515	SAT013	1.1	inHg	1012903-02
C3	2021-01-28	0.19		NW	315	5.6	passive	ERG	0.0515	44	1.8	inHg	1020519-02
C3	2021-02-03	0.00	ND, U	NW	310	3.6	passive	ERG	0.0472	110258	1.5	inHg	1021208-03
C3	2021-02-09	QA		ENE	65	0.6	passive	ERG	0.0472	SAT097	2.1	inHg	1021908-02
C3	2021-02-09	0.16		ENE	65	0.6	passive	ERG	0.0472	SAT117	3.1	inHg	1021908-01
C3	2021-02-15		BI	E	85	2.4	passive	ERG	0.0472	SAT020	2.5	inHg	1022211-02
C3	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	18876	2.0	inHg	1030510-02
C3	2021-02-27	0.20		ENE	70	1	passive	ERG	0.0472	SAT151	1.3	inHg	1031121-02
C3	2021-03-11	0.15		S	185	0.6	passive	ERG	0.0472	19279	3.9	inHg	1031639-02
C3	2021-03-17	0.10		E	85	1.5	passive	ERG	0.0472	114344	3.2	inHg	1032432-02
C3	2021-03-23	0.35	LK	E	80	2.3	passive	ERG	0.0472	A21047	2.3	inHg	1040824-01
C3	2021-03-29	0.08		N	0	1.6	passive	ERG	0.0472	19646	2.4	inHg	1041343-05
C3	2021-04-10	0.12	2	SSE	160	1.1	passive	ERG	0.0472	110258	10.1	inHg	1042215-06
C3	2021-04-16	0.27	LK, 2	NE	45	0.7	passive	ERG	0.0472	SAT157	6.9	inHg	1042933-02
C3	2021-04-28	0.11		SSW	205	0.4	passive	ERG	0.0472	110306	4.9	inHg	1050523-02
C3	2021-05-04	0.11		W	265	1.2	passive	ERG	0.0472	110257	4.7	inHg	1051942-02
C3	2021-05-10	0.19		WNW	290	1.3	passive	ERG	0.0472	33534	4.2	inHg	1051942-06
C3	2021-05-16	0.81		SW	225	0.4	passive	ERG	0.0472	A21000	4.2	inHg	1060323-03
C3	2021-05-22	1.95	LK	ENE	70	0.5	passive	ERG	0.0472	SAT088	3.0	inHg	1060323-04
C3	2021-05-28	0.14	LK	WSW	245	1.1	passive	ERG	0.0472	33266	5.1	inHg	1060415-02
C3	2021-06-03	0.19		SW	230	0.4	passive	ERG	0.0472	18831	5.20	inHg	1060924-02
C3	2021-06-15	0.12		NW	310	2.4	passive	ERG	0.0472	19653	4.80	inHg	1070116-03
C3	2021-06-27	0.64	LK	ESE	120	1	passive	ERG	0.0472	A22329	3.40	inHg	1072320-02
C3	2021-07-15	0.23		WNW	290	0.4		ERG	0.0472	18876	8.10	inHg	1072936-03
C3	2021-07-27	0.46		NW	320	0.5		ERG	0.0472	35160	9.10	inHg	1080602-02
C3	2021-08-02	0.12		N	7	0.5		ERG	0.0472	19283	5.90	inHg	1081306-02
C3	2021-08-14	0.23		N	10	0.9		ERG	0.0472	A21074	4.90	inHg	1090127-04
C3	2021-08-26	0.52		ESE	105	0.3		ERG	0.0472	A21058	5.10	inHg	1090318-02
C4	2019-10-03	1.88		WNW	300	0.6	passive	ERG	0.0452	18869	5.1	inHg	9100922-04
C4	2019-10-06	1.65	LK	E	85	2.3	passive	ERG	0.0452	N4088	4.8	inHg	9100922-08
C4	2019-10-12	0.00	U, ND	WNW	290	1	passive	ERG	0.0452	SAT016	2.9	inHg	9101803-03
C4	2019-10-18	0.76		E	85	1.3	passive	ERG	0.0452	SAT106	3.5	inHg	9102507-03
C4	2019-10-24	2.19		ENE	90	1.6	passive	ERG	0.0452	A21036	4.1	inHg	9103069-05

C4	2019-10-27		0.19		WNW	290	2	passive	ERG	0.0452	A21077	5.1	inHg	9103069-06
C4	2019-10-30		0.33		SE	130	1.2	passive	ERG	0.0452	18833	4.9	inHg	9110118-04
C4	2019-10-30	QA	0.17	2	SE	130	1.2	passive	ERG	0.0452	18865	7.0	inHg	9110118-05
C4	2019-11-01		0.06		NW	320	1.9	passive	ERG	0.0452	19642	2.0	inHg	9110553-04
C4	2019-11-03		0.18		NW	320	0.6	passive	ERG	0.0452	A21101	2.6	inHg	9110635-03
C4	2019-11-05		0.18		NNE	30	0.6	passive	ERG	0.0452	SAT074	3.0	inHg	9110810-03
C4	2019-11-08		0.16		NNW	330	1.9	passive	ERG	0.0452	SAT138	3.9	inHg	9111412-04
C4	2019-11-20		1.00		NNW	315	1	passive	ERG	0.0452	SAT091	3.4	inHg	9112711-05
C4	2019-11-23		0.48	2	W	285	1.5	passive	ERG	0.0452	19649	12.2	inHg	9112711-06
C4	2019-11-29			AN	ENE	75	0.1	passive	ERG		5079	29.3	inHg	9120610-03
C4	2020-01-10		0.66		E	80	2.4	passive	ERG	0.0452	SAT011	2.1	inHg	0011423-06
C4	2020-01-14			AF	NW	320	0.3	passive	ERG		18822	25.1	inHg	0011705-03
C4	2020-01-22		0.78	2	ENE	75	1.7	passive	ERG	0.0452	19656	6.8	inHg	0012927-07
C4	2020-01-25			AA	WNW	290	2.6	passive	ERG	0.0452	18879	6.9	inHg	0013117-02
C4	2020-01-28		0.55	2	NW	315	1.3	passive	ERG	0.0452	SAT081	7.8	inHg	0020524-03
C4	2020-01-30		0.61	2	ENE	75	1.5	passive	ERG	0.0452	A21102	8.4	inHg	0020524-06
C4	2020-02-03		0.17	2	WSW	245	0.6	passive	ERG	0.0452	33535	8.2	inHg	0021311-03
C4	2020-02-09		0.97	2	E	80	1.3	passive	ERG	0.0452	SAT140	6.2	inHg	0021921-03
C4	2020-02-15	QA	0.82		E	92	0.4	passive	ERG	0.0452	SAT036	2.0	inHg	0022108-01
C4	2020-02-27		0.16	2, LK	NW	315	3.8	passive	ERG	0.0452	A21036	7.8	inHg	0030604-03
C4	2020-03-04		0.65	LK, 2	NE	45	0.1	passive	ERG	0.0515	5006	9.6	inHg	0031012-03
C4	2020-03-10		0.38	LK, 2	SW	240	1.4	passive	ERG	0.0515	SAT035	7.8	inHg	0031836-03
C4	2020-03-16		1.04	2	ENE	85	6.1	passive	ERG	0.0515	A21103	7.8	inHg	0032321-03
C4	2020-03-22		1.02	LK, 2	ENE	80	2.8	passive	ERG	0.0515	5114	8.1	inHg	0040115-03
C4	2020-03-22	QA	0.79		ENE	80	2.8	passive	ERG	0.0515	A22330	1.2	inHg	0040115-04
C4	2020-03-28		0.44	2	WSW	245	1.1	passive	ERG	0.0515	SAT155	9.8	inHg	0040814-05
C4	2020-04-03		0.17	2	NW	310	0.6	passive	ERG	0.0515	19279	8.2	inHg	0041001-03
C4	2020-04-09		0.56	2	WNW	290	3.3	passive	ERG	0.0515	SAT114	9.5	inHg	0041707-03
C4	2020-04-09	QA	0.33		WNW	290	3.3	passive	ERG	0.0515	SAT144	3.6	inHg	0041707-04
C4	2020-04-15		0.29	2	NW	315	2.9	passive	ERG	0.0515	SAT089	7.8	inHg	0042218-03
C4	2020-04-21		0.68	2	WNW	285	2.2	passive	ERG	0.0515	A21067	8.1	inHg	0050114-03
C4	2020-04-21	QA	0.44	2	WNW	285	2.2	passive	ERG	0.0515	49	1.6	inHg	0050114-04
C4	2020-04-27		0.09	6, 2	NW	310	2.2	passive	ERG	0.0515	19648	8.2	inHg	0050615-03
C4	2020-05-03			AA	W	270	1.2	passive	ERG	0.0515	19663	9.7	inHg	0051324-03
C4	2020-05-15			AA	SSE	148	0.3	passive	ERG	0.0515	18828	8.7	inHg	0052848-02
C4	2020-05-21			AN	NE	58	0.5	passive	ERG		SAT009	19.8	inHg	0052918-05
C4	2020-05-27		0.26	2	E	80	2.6	passive	ERG	0.0515	19340	8.9	inHg	0060508-03
C4	2020-06-02		0.89	2	SW	238	0.2	passive	ERG	0.0515	SAT127	8.8	inHg	0061042-03

C4	2020-06-08	QA	0.35	2	ESE	120	1.1	passive	ERG	0.0515	SAT171	7.9	inHg	0061731-04
C4	2020-06-08		0.20	2	ESE	120	1.1	passive	ERG	0.0515	18872	9.2	inHg	0061731-03
C4	2020-06-14		0.87	2	ENE	70	1.2	passive	ERG	0.0515	SAT012	9.0	inHg	0061908-03
C4	2020-06-20		0.73	2	NNW	330	0.8	passive	ERG	0.0515	35131	9.0	inHg	0070602-03
C4	2020-06-26		0.35	LK, 2	WNW	285	2.2	passive	ERG	0.0515	5094	9.9	inHg	0070840-03
C4	2020-07-02		0.24	2	NNW	335	1.2	passive	ERG	0.0515	18833	9.5	inHg	0070928-03
C4	2020-07-08		1.44	2	NE	45	0.6	passive	ERG	0.0515	SAT170	9.1	inHg	0071703-02
C4	2020-07-08	QA	0.15	2	NE	45	0.6	passive	ERG	0.0515	19645	7.0	inHg	0071703-05
C4	2020-07-14		0.21	2	NW	320	0.2	passive	ERG	0.0515	19646	8.9	inHg	0072412-03
C4	2020-07-26		1.51		W	268	0.05	passive	ERG	0.0515	A21086	2.0	inHg	0080534-03
C4	2020-08-01		0.99	LK	SW	214	0.5	passive	ERG	0.0515	5009	5.4	inHg	0081410-03
C4	2020-08-07		0.64	D-F	ENE	60	0.1	passive	ERG	0.0515	SAT004	3.9	inHg	0081410-06
C4	2020-08-07	QA	0.29	D-F	ENE	60	0.1	passive	ERG	0.0515	19641	3.1	inHg	0081325-02
C4	2020-08-13		0.17		S	190	0.1	passive	ERG	0.0515	33236	4.0	inHg	0082118-01
C4	2020-08-19			AN	ESE	108	0.2	passive	ERG		SAT181	29.7	inHg	0082742-01
C4	2020-08-25		0.55	LK	ENE	67	0.3	passive	ERG	0.0515	5045	4.1	inHg	0090239-01
C4	2020-08-31		0.51		W	278	0.1	passive	ERG	0.0515	A22328	3.9	inHg	0090413-03
C4	2020-09-12	QA	2.69	D-F, LK	E	85	1.8	passive	ERG	0.0515	SAT150	2.6	inHg	0092335-05
C4	2020-09-12		0.99	LK, D-F	E	85	1.8	passive	ERG	0.0515	5079	5.9	inHg	0092335-03
C4	2020-09-18		0.26		NNW	30	0.8	passive	ERG	0.0515	A21039	3.9	inHg	0093025-03
C4	2020-09-24		0.20		E	90	1.6	passive	ERG	0.0515	A21074	3.2	inHg	0093025-07
C4	2020-09-30		0.14		WNW	300	1	passive	ERG	0.0515	2527	2.9	inHg	0100833-03
C4	2020-10-06		0.76	LK	E	85	0.6	passive	ERG	0.0515	5065	3.9	inHg	0101528-03
C4	2020-10-12		0.18		WNW	285	0.6	passive	ERG	0.0515	19648	3.0	inHg	0101605-01
C4	2020-10-18		0.28		ENE	75	2.3	passive	ERG	0.0515	114322	2.0	inHg	0102916-03
C4	2020-10-24	QA	0.95	D-F	SSE	165	0.2	passive	ERG	0.0515	114386	5.8	inHg	0103006-04
C4	2020-10-24		0.66	D-F	SSE	165	0.2	passive	ERG	0.0515	19298	3.5	inHg	0103006-03
C4	2020-10-30		0.20		NW	310	4.1	passive	ERG	0.0515	A21080	1.6	inHg	0111125-03
C4	2020-11-05		0.83	LK	ENE	65	1	passive	ERG	0.0515	SAT088	1.9	inHg	0111824-03
C4	2020-11-11		0.29		E	80	0.2	passive	ERG	0.0515	18864	3.2	inHg	0111824-07
C4	2020-11-17	QA	0.15		NW	315	3.4	passive	ERG	0.0515	35156	3.8	inHg	0112513-05
C4	2020-11-23		0.20	LK	NW	315	2.3	passive	ERG	0.0515	5085	2.6	inHg	0120411-03
C4	2020-11-29		0.45	LK	E	84	0.7	passive	ERG	0.0515	5136	3.9	inHg	0121016-03
C4	2020-12-11			AN	ESE	115	0.2	passive	ERG		19295	19.5	inHg	0122326-03
C4	2020-12-17	QA	0.09	2	WNW	295	3.5	passive	ERG	0.0515	111217	2.9	inHg	0123026-04
C4	2020-12-29			AF	ENE	75	0.8	passive	ERG		110342	29.2	inHg	1011326-04
C4	2021-01-04		0.08		WNW	295	1.2	passive	ERG	0.0515	33232	3.8	inHg	1011326-08
C4	2021-01-10	QA	0.05		ENE	70	0.5	passive	ERG	0.0515	18882	4.2	inHg	1012127-04

C4	2021-01-16	0.28		WNW	285	2.3	passive	ERG	0.0515	SAT177	3.0	inHg	1012726-02	
C4	2021-01-22	0.63		WNW	300	0.7	passive	ERG	0.0515	SAT012	3.1	inHg	1012903-03	
C4	2021-02-09	0.14		ENE	65	0.6	passive	ERG	0.0472	110306	6.0	inHg	1021908-03	
C4	2021-02-15	0.58	D-F, LK	E	85	2.4	passive	ERG	0.0472	SAT073	5.1	inHg	1022211-03	
C4	2021-02-15	QA	0.33	D-F, LK	E	85	2.4	passive	ERG	0.0472	A21086	1.9	inHg	1022211-04
C4	2021-02-21	0.40		ESE	105	2.1	passive	ERG	0.0472	A21078	4.5	inHg	1030510-03	
C4	2021-02-27	0.21		ENE	70	1	passive	ERG	0.0472	18831	4.1	inHg	1031121-03	
C4	2021-03-11	0.73	LK	S	185	0.6	passive	ERG	0.0472	SAT127	4.7	inHg	1031639-03	
C4	2021-03-17	0.20		E	85	1.5	passive	ERG	0.0472	114386	5.9	inHg	1032432-03	
C4	2021-03-23	0.35		E	80	2.3	passive	ERG	0.0472	A21013	5.1	inHg	1040729-02	
C4	2021-03-23	QA	0.23	2	E	80	2.3	passive	ERG	0.0472	110257	7.1	inHg	1040824-02
C4	2021-03-29	0.14		N	0	1.6	passive	ERG	0.0472	19283	4.8	inHg	1041343-02	
C4	2021-04-04	0.32	LK	WNW	285	0.8	passive	ERG	0.0472	SAT174	4.0	inHg	1042215-03	
C4	2021-04-10	0.25	2	SSE	160	1.1	passive	ERG	0.0472	110305	6.2	inHg	1042215-07	
C4	2021-04-16	0.09		NE	45	0.7	passive	ERG	0.0472	110252	4.9	inHg	1042933-03	
C4	2021-04-22	QA	0.38	NNW	345	2	passive	ERG	0.0472	2767	3.2	inHg	1050321-02	
C4	2021-04-22	0.15		NNW	345	2	passive	ERG	0.0472	A21022	3.3	inHg	1043022-02	
C4	2021-04-28	0.28		SSW	205	0.4	passive	ERG	0.0472	33516	4.5	inHg	1050523-03	
C4	2021-05-04	0.61		W	265	1.2	passive	ERG	0.0472	49	5.2	inHg	1051942-03	
C4	2021-05-10	0.10	2	WNW	290	1.3	passive	ERG	0.0472	33532	1.00	inHg	1051942-07	
C4	2021-05-16	0.29	2	SW	225	0.4	passive	ERG	0.0472	19300	6.7	inHg	1060323-05	
C4	2021-05-22	2.13	LK	ENE	70	0.5	passive	ERG	0.0472	A21091	6.0	inHg	1060323-06	
C4	2021-05-28	0.17	2	WSW	245	1.1	passive	ERG	0.0472	33314	6.1	inHg	1060415-03	
C4	2021-05-28	QA	0.09	2	WSW	245	1.1	passive	ERG	0.0472	19291	7.7	inHg	1060746-01
C4	2021-06-03	0.29		SW	230	0.4	passive	ERG	0.0472	19666	4.90	inHg	1060834-01	
C4	2021-06-15	0.29		NW	310	2.4	passive	ERG	0.0472	33531	8.00	inHg	1070116-04	
C4	2021-06-27	0.10		ESE	120	1	passive	ERG	0.0472	18873	5.00	inHg	1072320-03	
C4	2021-09-07	0.12		ENE	62	0.8		ERG	0.0472	114340	6.00	inHg	1091621-03	
C4	2021-09-19	0.40	LK	E	85	0.2		ERG	0.0472	33534	9.30	inHg	1100728-01	
C5	2019-10-30	0.36	LK, 2	SE	130	1.2	passive	ERG	0.0452	A21082	2.0	inHg	9110118-06	
C5	2019-11-03	0.22		NW	320	0.6	passive	ERG	0.0452	A21045	1.1	inHg	9110635-04	
C5	2019-11-05	0.09		NNE	30	0.6	passive	ERG	0.0452	18822	1.9	inHg	9110810-04	
C5	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	19643	2.2	inHg	9111412-05	
C5	2019-11-13	0.18		E	90	2	passive	ERG	0.0452	19276	0.5	inHg	9111509-03	
C5	2019-11-20	0.81		NNW	315	1	passive	ERG	0.0452	19652	0.1	inHg	9112711-07	
C5	2019-11-20	QA	0.76	NNW	315	1	passive	ERG	0.0452	18875	3.9	inHg	9112711-09	
C5	2019-11-23	0.12	2	W	285	1.5	passive	ERG	0.0452	19666	6.6	inHg	9112711-08	
C5	2019-11-29	0.14	LK, 2	ENE	75	0.1	passive	ERG	0.0452	18832	6.2	inHg	9120610-04	

C5	2019-12-05	0.61		NW	315	0.9	passive	ERG	0.0452	2527	4.0	inHg	9121207-07
C5	2019-12-08	0.11	LK	E	90	3.3	passive	ERG	0.0452	19298	6.0	inHg	9121207-08
C5	2019-12-14	0.14	LK	WNW	290	2.3	passive	ERG	0.0452	A21101	5.1	inHg	9121841-09
C5	2019-12-17	0.35	LK, 2	WNW	300	3.4	passive	ERG	0.0452	5114	7.1	inHg	9122019-04
C5	2019-12-31	0.14	LK	W	275	2.9	passive	ERG	0.0452	5062	1.0	inHg	0010717-04
C5	2020-01-04		AN	WNW	290	4.3	passive	ERG		SAT155	18.3	inHg	0010907-04
C5	2020-01-10	0.26	LK	E	80	2.4	passive	ERG	0.0452	SAT118	1.6	inHg	0011423-07
C5	2020-01-14		AF	NW	320	0.3	passive	ERG		SAT060	25.0	inHg	0011705-04
C5	2020-01-19	0.56	LK	NW	310	4.9	passive	ERG	0.0452	5059	1.2	inHg	0012317-04
C5	2020-01-28	0.77		NW	315	1.3	passive	ERG	0.0452	SAT097	4.3	inHg	0020524-04
C5	2020-01-30	0.36	LK	ENE	75	1.5	passive	ERG	0.0452	5117	5.2	inHg	0020524-07
C5	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	SAT120	5.2	inHg	0021311-04
C5	2020-03-04	0.32	LK	NE	45	0.1	passive	ERG	0.0515	A21044	4.2	inHg	0031012-04
C5	2020-03-10	0.63	LK	SW	240	1.4	passive	ERG	0.0515	AZ40	3.0	inHg	0031836-04
C5	2020-03-22	0.35		ENE	80	2.8	passive	ERG	0.0515	18880	2.2	inHg	0040115-05
C5	2020-03-28	0.38		WSW	245	1.1	passive	ERG	0.0515	A21081	5.1	inHg	0040814-01
C5	2020-04-03	0.39		NW	310	0.6	passive	ERG	0.0515	19657	3.7	inHg	0041001-04
C5	2020-04-09	0.57	2	WNW	290	3.3	passive	ERG	0.0515	SAT061	4.8	inHg	0041707-05
C5	2020-04-15	0.34		NW	315	2.9	passive	ERG	0.0515	19662	3.1	inHg	0042218-04
C5	2020-04-21	0.70	LK, 2	WNW	285	2.2	passive	ERG	0.0515	SAT164	3.2	inHg	0050114-05
C5	2020-04-27	0.35	2	NW	310	2.2	passive	ERG	0.0515	A21005	4.7	inHg	0050615-04
C5	2020-05-03	0.36		W	270	1.2	passive	ERG	0.0515	SAT117	4.8	inHg	0051324-04
C5	2020-05-09	0.82		NW	310	2.1	passive	ERG	0.0515	SAT185	3.2	inHg	0051504-03
C5	2020-05-15	0.30		SSE	148	0.3	passive	ERG	0.0515	53	3.9	inHg	0052848-03
C5	2020-05-21	0.70		NE	85	0.5	passive	ERG	0.0515	SAT169	2.9	inHg	0052918-06
C5	2020-05-27	0.54		E	80	2.6	passive	ERG	0.0515	SAT057	4.1	inHg	0060508-04
C5	2020-06-02	0.57	LK	SW	238	0.2	passive	ERG	0.0515	5042	5.1	inHg	0061042-04
C5	2020-06-08	0.14		ESE	120	1.1	passive	ERG	0.0515	33275	4.8	inHg	0061731-05
C5	2020-06-14	0.62		ENE	70	1.2	passive	ERG	0.0515	SAT092	4.5	inHg	0061908-04
C5	2020-06-20	0.51		NNW	330	0.8	passive	ERG	0.0515	19654	4.7	inHg	0070602-04
C5	2020-06-26	1.23	LK	WNW	285	2.2	passive	ERG	0.0515	5048	5.2	inHg	0070840-04
C5	2020-07-02	0.65		NNW	335	1.2	passive	ERG	0.0515	SAT033	5.2	inHg	0070928-04
C5	2020-07-08	1.13	LK	NE	45	0.6	passive	ERG	0.0515	5130	5.1	inHg	0071703-04
C5	2020-07-14	0.54		NW	320	0.2	passive	ERG	0.0515	SAT087	4.8	inHg	0072412-04
C5	2020-07-26	0.64		W	268	0.05	passive	ERG	0.0515	A21022	2.9	inHg	0080618-01
C5	2020-08-01	1.21		SW	214	0.5	passive	ERG	0.0515	SAT038	2.9	inHg	0081410-04
C5	2020-08-07	1.18		ENE	60	0.1	passive	ERG	0.0515	SAT042	2.1	inHg	0081410-07
C5	2020-08-31	0.19		W	278	0.1	passive	ERG	0.0515	18837	2.1	inHg	0090413-04

C5	2020-09-06		0.26		ENE	64	0.2	passive	ERG	0.0515	A21103	2.4	inHg	0092126-01
C5	2020-09-12		0.59	LK	E	85	1.8	passive	ERG	0.0515	5050	4.9	inHg	0092335-04
C5	2020-09-18		1.18		NNW	30	0.8	passive	ERG	0.0515	SAT002	2.9	inHg	0093025-04
C5	2020-09-24		0.45		E	90	1.6	passive	ERG	0.0515	SAT003	1.9	inHg	0093025-08
C5	2020-09-30		0.40	LK	WNW	300	1	passive	ERG	0.0515	AZ50	1.5	inHg	0100833-04
C5	2020-10-06		0.28	LK	E	85	0.6	passive	ERG	0.0515	5044	3.1	inHg	0101528-04
C5	2020-10-24		0.33		SSE	165	0.2	passive	ERG	0.0515	110306	2.9	inHg	0111210-01
C5	2020-10-30		0.39	LK	NW	310	4.1	passive	ERG	0.0515	SAT159	1.1	inHg	0111125-04
C5	2020-11-05		0.48	LK	ENE	65	1	passive	ERG	0.0515	AZ52	1.5	inHg	0111824-04
C5	2020-11-11		0.67		E	80	0.2	passive	ERG	0.0515	SAT005	2.2	inHg	0111824-08
C5	2020-11-17		0.10		NW	315	3.4	passive	ERG	0.0515	19663	1.0	inHg	0112513-04
C5	2020-11-23		0.20		NW	315	2.3	passive	ERG	0.0515	SAT179	1.3	inHg	0120411-04
C5	2020-11-29		0.43	LK	E	84	0.7	passive	ERG	0.0515	5064	2.9	inHg	0121016-04
C5	2020-12-05		0.07		WNW	290	3.1	passive	ERG	0.0515	19667	1.5	inHg	0121104-04
C5	2020-12-11		0.18		ESE	115	0.2	passive	ERG	0.0515	A21011	2.8	inHg	0122326-04
C5	2020-12-29		0.25	2	ENE	75	0.8	passive	ERG	0.0515	110306	6.4	inHg	1011326-05
C5	2021-01-16		0.04	VB, U	WNW	285	2.3	passive	ERG	0.0515	33266	1.2	inHg	1012726-04
C5	2021-01-22		0.41		WNW	300	0.7	passive	ERG	0.0515	SAT003	1.1	inHg	1012903-04
C5	2021-01-28		0.30	LK	NW	315	5.6	passive	ERG	0.0515	5125	1.9	inHg	1020519-04
C5	2021-02-03		0.08		NW	310	3.6	passive	ERG	0.0472	114366	1.0	inHg	1021208-05
C5	2021-02-09		0.27		ENE	65	0.6	passive	ERG	0.0472	110257	3.2	inHg	1021908-04
C5	2021-02-15		0.00	ND, U	E	85	2.4	passive	ERG	0.0472	19293	2.3	inHg	1022211-05
C5	2021-02-21	QA	0.18		ESE	105	2.1	passive	ERG	0.0472	SAT118	1.2	inHg	1030510-05
C5	2021-02-21		0.06		ESE	105	2.1	passive	ERG	0.0472	19657	2.0	inHg	1030510-04
C5	2021-02-27		0.00	ND, U	ENE	70	1	passive	ERG	0.0472	19284	1.2	inHg	1031029-01
C5	2021-03-11		0.12		S	185	0.6	passive	ERG	0.0472	A21039	1.7	inHg	1031639-04
C5	2021-03-17		0.08		E	85	1.5	passive	ERG	0.0472	111217	2.9	inHg	1032432-04
C5	2021-03-23		0.41	LK	E	80	2.3	passive	ERG	0.0472	SAT018	2.0	inHg	1040824-03
C5	2021-04-22		0.10	2	NNW	345	2	passive	ERG	0.0472	18830	6.9	inHg	1050321-03
C5	2021-05-04		0.49		W	265	1.2	passive	ERG	0.0472	A21099	4.0	inHg	1051942-04
C5	2021-05-10		0.18		WNW	290	1.3	passive	ERG	0.0472	A21025	3.8	inHg	1051942-08
C5	2021-05-16		0.12		SW	225	0.4	passive	ERG	0.0472	19287	3.9	inHg	1060323-07
C5	2021-05-22		0.83		ENE	70	0.5	passive	ERG	0.0472	A21095	2.9	inHg	1060323-08
C5	2021-05-28		1.39		WSW	245	1.1	passive	ERG	0.0472	18828	4.0	inHg	1060415-04
C5	2021-06-03		0.09		SW	230	0.4	passive	ERG	0.0472	33275	4.20	inHg	1060924-03
C5	2021-06-15		0.14		NW	310	2.4	passive	ERG	0.0472	114322	5.20	inHg	1070116-05
C5	2021-06-27		0.38		ESE	120	1	passive	ERG	0.0472	A21054	4.90	inHg	1072320-04
C5	2021-07-15		0.14		WNW	290	0.4		ERG	0.0472	114340	5.20	inHg	1072936-04

C5	2021-07-27	0.21		NW	320	0.5		ERG	0.0472	18832	5.80	inHg	1080602-03
C7	2019-10-30	0.16		SE	130	1.2	passive	ERG	0.0452	18834	5.0	inHg	9110118-07
C7	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	18879	1.5	inHg	9110553-06
C7	2019-11-03	0.35	LK	NW	320	0.6	passive	ERG	0.0452	5086	3.0	inHg	9110635-05
C7	2019-11-05	0.20		NNE	30	0.6	passive	ERG	0.0452	SAT071	3.1	inHg	9110810-05
C7	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	SAT106	3.2	inHg	9111412-06
C7	2019-11-15	0.12		NE	50	1.3	passive	ERG	0.0452	18821	2.0	inHg	9112026-06
C7	2020-02-27	0.28	LK	NW	315	3.8	passive	ERG	0.0452	5146	1.6	inHg	0030604-05
C7	2020-03-28	0.60	2	WSW	245	1.1	passive	ERG	0.0515	SAT185	4.2	inHg	0040814-04
C7	2020-04-27	0.87	2	NW	310	2.2	passive	ERG	0.0515	SAT157	2.0	inHg	0050615-05
C7	2020-05-27	0.37		E	80	2.6	passive	ERG	0.0515	SAT100	2.5	inHg	0060508-05
C7	2020-06-20	1.67	2	NNW	330	0.8	passive	ERG	0.0515	SAT165	6.8	inHg	0070602-05
C7	2020-09-24	0.41	LK	E	90	1.6	passive	ERG	0.0515	5051	1.0	inHg	0093025-09
C7	2020-10-30	0.59	LK	NW	310	4.1	passive	ERG	0.0515	5081	5.1	inHg	0111125-05
C7	2020-12-23	0.09		E	92	1.7	passive	ERG	0.0515	114336	3.8	inHg	1010525-01
C7	2021-01-28	1.37		NW	315	5.6	passive	ERG	0.0515	SAT166	2.0	inHg	1020519-05
C7	2021-02-27	0.08	2	ENE	70	1	passive	ERG	0.0472	33533	0.5	inHg	1031121-04
C7	2021-04-28	0.71		SSW	205	0.4	passive	ERG	0.0472	SAT043	6	inHg	1050523-05
C7	2021-05-22	0.93	LK, 2	ENE	70	0.5	passive	ERG	0.0472	A21067	6.8	inHg	1060323-09
C7	2021-06-27	0.21		ESE	120	1.0	passive	ERG	0.0472	35136	6.90	inHg	1072221-01
C7	2021-07-27	0.22		NW	320	0.5		ERG	0.0472	19642	11.10	inHg	1080602-04
C7	2021-08-26	1.01		ESE	105	0.3		ERG	0.0472	A21105	9.80	inHg	1090318-03
C7	2021-09-19	0.33		E	85	0.2		ERG	0.0472	18810	5.80	inHg	1100728-02
C7	2021-10-13	0.15		E	99	0.1		EPD	0.0288	110328	4.90	inHg	AK87856
C8	2019-10-30	0.22	2	SE	130	1.2	passive	ERG	0.0452	SAT081	7.0	inHg	9110118-08
C8	2019-11-01	0.10	U	NW	320	1.9	passive	ERG	0.0452	SAT100	5.0	inHg	9110553-07
C8	2019-11-03	0.22	LK, 2	NW	320	0.6	passive	ERG	0.0452	SAT059	3.1	inHg	9110635-06
C8	2019-11-05	0.22	LK, 2	NNE	30	0.6	passive	ERG	0.0452	5089	7.1	inHg	9110810-06
C8	2019-11-08	0.08	2	NNW	330	1.9	passive	ERG	0.0452	19284	6.7	inHg	9111412-07
C8	2019-11-15	0.08		NE	50	1.3	passive	ERG	0.0452	19288	5.8	inHg	9112026-07
C9	2019-10-30	0.24		SE	130	1.2	passive	ERG	0.0452	19651	3.5	inHg	9110118-09
C9	2019-11-01		AF	NW	320	1.9	passive	ERG		SAT145	29.8	inHg	9110553-08
C9	2019-11-03	0.26	LK	NW	320	0.6	passive	ERG	0.0452	5034	2.1	inHg	9110635-07
C9	2019-11-05	0.18		NNE	30	0.6	passive	ERG	0.0452	SAT152	2.5	inHg	9110810-07
C9	2019-11-08	0.06		NNW	330	1.9	passive	ERG	0.0452	19641	3.0	inHg	9111412-08
C9	2019-11-15	0.44	LK	NE	50	1.3	passive	ERG	0.0452	SAT159	1.8	inHg	9112026-08
F1	2020-01-16	0.17		NW	321	4.2	passive	ERG	0.0452	18884	4.3	inHg	0012318-01
F1	2020-01-22	0.29	LK	ENE	65	1.6	passive	ERG	0.0452	5126	2.8	inHg	0013007-01



F1	2020-01-28	0.82	LK	NNW	327	1.5	passive	ERG	0.0452	5125	4.2	inHg	0020526-01
F1	2020-02-03	0.35		SSW	202	1.8	passive	ERG	0.0452	SAT087	3.1	inHg	0021215-01
F1	2020-02-09	0.44	LK, 2	ESE	109	2.4	passive	ERG	0.0452	SAT021	10.8	inHg	0021824-01
F1	2020-02-15	0.39		E	99	2.1	passive	ERG	0.0452	A21083	2.0	inHg	0022613-01
F1	2020-02-21	0.64		NNW	343	2.2	passive	ERG	0.0452	A21022	3.2	inHg	0030234-01
F1	2020-02-27		AL	NW	312	4	passive	ERG		18828	19.2	inHg	0030606-01
F1	2020-03-04	0.86		SW	272	1.2	passive	ERG	0.0515	SAT163	4.6	inHg	0031135-01
F1	2020-03-16	0.37	2	E	83	3	passive	ERG	0.0515	19289	12.0	inHg	0032319-01
F1	2020-03-22	0.31		ENE	78	2.7	passive	ERG	0.0515	18829	1.8	inHg	0040113-01
F1	2020-03-28		AN	SW	220	2.7	passive	ERG		SAT023	17.5	inHg	0040816-01
F1	2020-04-03	1.62	LK, 2	WNW	284	1.3	passive	ERG	0.0515	5048	6.9	inHg	0041002-01
F1	2020-04-09	0.90	2	WNW	295	4.5	passive	ERG	0.0515	18837	7.1	inHg	0041619-01
F1	2020-04-15	0.59	LK, 2	NNW	322	3.8	passive	ERG	0.0515	5072	6.4	inHg	0042219-01
F1	2020-04-21	0.64	2	WNW	291	3	passive	ERG	0.0515	19668	6.1	inHg	0050112-01
F1	2020-04-27	1.50	2	NW	324	2.8	passive	ERG	0.0515	SAT043	5.8	inHg	0050616-01
F1	2020-05-09	1.30	LK	NNW	335	3.2	passive	ERG	0.0515	AZ41	5.1	inHg	0051508-02
F1	2020-05-15	0.57	LK, 2	SSE	155	2.6	passive	ERG	0.0515	5110	7.9	inHg	0052847-01
F1	2020-05-21	1.10	2	ENE	70	1.4	passive	ERG	0.0515	SAT017	6.2	inHg	0052919-02
F1	2020-05-27	0.62	2	ENE	70	3.2	passive	ERG	0.0515	35126	6.1	inHg	0060507-01
F1	2020-06-02	0.40	LK, 2	SSW	210	1.1	passive	ERG	0.0515	5117	7.5	inHg	0061732-01
F1	2020-06-08	1.14	2	ESE	120	2.7	passive	ERG	0.0515	SAT037	6.9	inHg	0061732-03
F1	2020-06-14	0.29	2	E	85	1.6	passive	ERG	0.0515	18879	6.2	inHg	0062525-01
F1	2020-06-20	0.48	2	NNW	339	1.1	passive	ERG	0.0515	18827	7.2	inHg	0062612-01
F1	2020-06-26	1.17	2	W	269	2.5	passive	ERG	0.0515	SAT039	6.6	inHg	0070603-01
F1	2020-07-02	1.19	2, LK	NW	316	1.5	passive	ERG	0.0515	35110	6.9	inHg	0070930-01
F1	2020-07-08	0.39	2	NNW	333	0.9	passive	ERG	0.0515	A21080	6.8	inHg	0071533-01
F1	2020-07-14	1.43	LK, 2	WNW	293	0.6	passive	ERG	0.0515	AZ45	6.9	inHg	0072414-01
F1	2020-07-20	0.72		NW	318	0.9	passive	ERG	0.0515	18829	2.1	inHg	0072931-01
F1	2020-07-26	1.57	LK	WSW	239	1.1	passive	ERG	0.0515	5086	2.7	inHg	0080536-01
F1	2020-08-01	0.78		SW	232	2.5	passive	ERG	0.0515	SAT057	1.6	inHg	0080617-01
F1	2020-08-07	2.17	LK	NNW	339	1.4	passive	ERG	0.0515	SAT123	1.0	inHg	0081933-01
F1	2020-08-13	1.60		W	271	1.1	passive	ERG	0.0515	SAT068	5.8	inHg	0082115-01
F1	2020-09-12	0.11		E	90	2.3	passive	ERG	0.0515	19278	1.6	inHg	0092333-04
F1	2020-09-18	0.65	LK	NNW	341	1.3	passive	ERG	0.0515	5132	1.2	inHg	0092838-01
F1	2020-09-24	0.40		E	100	2.5	passive	ERG	0.0515	2240	1.9	inHg	0100212-01
F1	2020-11-11	0.41		SSE	167	0.9	passive	ERG	0.0515	18872	1.9	inHg	0112511-01
F1	2020-11-29	0.38	LK	E	83	1.8	passive	ERG	0.0515	5009	2.9	inHg	0120412-02
F1	2020-12-23	0.14		SE	125	1.8	passive	ERG	0.0515	11211	1.2	inHg	1010625-01

F1	2020-12-29	0.20		E	94	1.1	passive	ERG	0.0515	110252	1.1	inHg	1010524-01
F1	2021-01-04	0.09		NW	318	1.4	passive	ERG	0.0515	33531	1.1	inHg	1011516-01
F1	2021-02-09	0.15		NE	41	1	passive	ERG	0.0472	SAT179	1	inHg	1021837-01
F1	2021-02-15	0.00	ND, U	E	83	2.8	passive	ERG	0.0472	114329	4.5	inHg	1030327-01
F1	2021-02-21	0.22	2	SE	136	2.6	passive	ERG	0.0472	A21073	0.5	inHg	1031122-01
F1	2021-03-11	0.13		WNW	302	1.1	passive	ERG	0.0472	19654	5.8	inHg	1031636-01
F1	2021-03-17	0.17		E	79	2.5	passive	ERG	0.0472	110308	3.9	inHg	1032433-01
F1	2021-03-23	0.43	LK	E	98	3	passive	ERG	0.0472	A21076	4.5	inHg	1040823-01
F1	2021-03-29	0.14		NE	41	1.5	passive	ERG	0.0472	A21021	5.2	inHg	1041410-01
F1	2021-04-04	0.22		NW	321	0.7	passive	ERG	0.0472	33535	1.2	inHg	1042216-01
F1	2021-04-10	0.12		S	175	2.9	passive	ERG	0.0472	19287	5.1	inHg	1042216-03
F1	2021-04-16	0.07		N	4	0.9	passive	ERG	0.0472	18821	4.7	inHg	1042934-01
F1	2021-04-28	0.52	2	SW	232	1.6	passive	ERG	0.0472	A21052	6.2	inHg	1051247-01
F1	2021-05-04	0.18	2	SW	219	2.2	passive	ERG	0.0472	A21058	6.2	inHg	1051941-01
F1	2021-05-10	0.46	2	W	268	2.2	passive	ERG	0.0472	18876	6.7	inHg	1051941-04
F1	2021-05-16	0.57		SW	222	1.4	passive	ERG	0.0472	A21053	5.2	inHg	1060324-01
F1	2021-05-22	0.39		NE	40	0.5	passive	ERG	0.0472	33240	5.3	inHg	1060324-02
F1	2021-05-28	0.28	2	SW	219	2.8	passive	ERG	0.0472	110314	6.2	inHg	1060836-01
F1	2021-06-03	0.24		SW	232	1.5	passive	ERG	0.0472	19277	6.20	inHg	1060836-02
F1	2021-06-15	0.41		NNW	328	2.6	passive	ERG	0.0472	19640	6.50	inHg	1070115-01
F1	2021-06-27	0.41		SE	126	1.9	passive	ERG	0.0472	19650	6.10	inHg	1072321-01
F1	2021-07-15	0.57		NW	311	0.9		ERG	0.0472	19640	8.30	inHg	1072937-01
F1	2021-07-27		SC	NW	338	0.9		ERG	0.0472	35122	8.90	inHg	1080603-01
F1	2021-08-26	0.22		SE	144	1.2		ERG	0.0472	110252	6.80	inHg	1090319-01
F1	2021-09-19							ERG		19279	9.10	inHg	1100729-01
F1	2021-10-13	0.27		SW	227	0.3		EPD	0.0288	114334	3.20	inHg	AK87857
F2	2020-01-28	2.87		NNW	327	4.2	passive	ERG	0.0452	SAT002	1.10	inHg	0020526-02
F2	2020-02-03	0.56		SSW	202	1.8	passive	ERG	0.0452	19642	1.0	inHg	0021215-02
F2	2020-02-15	1.13	LK	E	99	2.1	passive	ERG	0.0452	5086	1.5	inHg	0022613-02
F2	2020-03-10	0.82	LK	SW	218	1.9	passive	ERG	0.0515	5132	1.0	inHg	0031834-02
F2	2020-03-16	0.80	LK	E	83	3	passive	ERG	0.0515	5045	1.0	inHg	0032319-02
F2	2020-03-28	0.69		SW	220	2.7	passive	ERG	0.0515	SAT123	2.9	inHg	0040816-02
F2	2020-04-09	1.30	LK	WNW	295	4.5	passive	ERG	0.0515	AZ37	1.6	inHg	0041619-02
F2	2020-04-27	QA	2	NW	324	2.8	passive	ERG	0.0515	SAT011	4.5	inHg	0050616-03
F2	2020-05-09	2.30	LK, 2	NNW	335	3.2	passive	ERG	0.0515	5076	6.5	inHg	0051508-01
F2	2020-05-15	0.45	LK, 2	SSE	155	2.6	passive	ERG	0.0515	5080	8.0	inHg	0052847-02
F2	2020-05-21	0.58	LK, 2	ENE	70	1.4	passive	ERG	0.0515	504	7.0	inHg	0052919-03
F2	2020-05-27	0.33	2	ENE	70	3.2	passive	ERG	0.0515	SAT020	6.2	inHg	0060507-02

F2	2020-06-02		0.95	2	SSW	210	1.1	passive	ERG	0.0515	33327	7.0	inHg	0061732-02
F2	2020-06-08		0.83	LK, 2	ESE	120	2.7	passive	ERG	0.0515	5050	7.8	inHg	0061732-04
F2	2020-06-08	QA	0.81	2	ESE	120	2.7	passive	ERG	0.0515	SAT069	6.9	inHg	0061732-05
F2	2020-06-14			BI	E	85	1.6	passive	ERG		SAT181	6.2	inHg	0062525-02
F2	2020-06-20		0.89	2	NNW	339	1.1	passive	ERG	0.0515	19284	7.0	inHg	0062612-02
F2	2020-06-26		1.72	LK, 2	W	269	2.5	passive	ERG	0.0515	5090	7.5	inHg	0070603-02
F2	2020-07-02		1.73	2	NW	316	1.5	passive	ERG	0.0515	18830	7.1	inHg	0070930-02
F2	2020-07-08		0.37	2	NNW	333	0.9	passive	ERG	0.0515	A21053	6.5	inHg	0071533-02
F2	2020-07-14		0.52	LK, 2	WNW	293	0.6	passive	ERG	0.0515	5055	7.4	inHg	0072414-02
F2	2020-07-20		0.46		NW	318	0.9	passive	ERG	0.0515	33531	2.8	inHg	0072931-02
F2	2020-07-26		0.86	LK	WSW	239	1.1	passive	ERG	0.0515	5054	3.4	inHg	0080536-02
F2	2020-08-01		0.19		SW	232	2.5	passive	ERG	0.0515	33327	2.2	inHg	0080617-02
F2	2020-08-13	QA	0.68	D-F	W	271	1.1	passive	ERG	0.0515	SAT178	5.3	inHg	0082115-03
F2	2020-08-13		0.50	D-F	W	271	1.1	passive	ERG	0.0515	33506	5.5	inHg	0082115-02
F2	2020-08-19		1.06		NE	54	1.4	passive	ERG	0.0515	19643	2.9	inHg	0082739-02
F2	2020-08-25		0.35	LK	ENE	59	1.5	passive	ERG	0.0515	5035	2.1	inHg	0090238-02
F2	2020-09-12		1.64	LK	E	90	2.3	passive	ERG	0.0515	AZ37	1.9	inHg	0092333-05
F2	2020-09-18		3.61	LK, D-F	NNW	341	1.3	passive	ERG	0.0515	5135	1.7	inHg	0092510-01
F2	2020-09-18	QA	2.31	D-F	NNW	341	1.3	passive	ERG	0.0515	35143	1.0	inHg	0092510-03
F2	2020-09-24		0.23		E	100	2.5	passive	ERG	0.0515	19283	2.2	inHg	0100212-02
F2	2020-10-24		2.39	2, D-F	N	0	0.6	passive	ERG	0.0515	110257	7.1	inHg	0110528-02
F2	2020-10-24	QA	1.70	D-F	N	0	0.6	passive	ERG	0.0515	110322	4.9	inHg	0110528-04
F2	2020-11-11		1.03	LK	SSE	167	0.9	passive	ERG	0.0515	SAT035	5.9	inHg	0112511-02
F2	2020-11-17		1.25		NNW	331	3.5	passive	ERG	0.0515	SAT149	3.6	inHg	0112511-04
F2	2020-11-17	QA	0.99		NNW	330	3.4	passive	ERG	0.0515	33236	2.0	inHg	0112511-05
F2	2020-11-23		1.49		NNW	330	3.4	passive	ERG	0.0515	18808	3.8	inHg	0120412-03
F2	2020-11-29		1.15	LK	E	83	1.8	passive	ERG	0.0515	SAT112	4.8	inHg	0120412-04
F2	2020-12-05		1.03	LK	WNW	302	2.2	passive	ERG	0.0515	5022	4.2	inHg	0121642-02
F2	2020-12-11		1.62		SSE	165	0.7	passive	ERG	0.0515	19653	3.8	inHg	0122327-02
F2	2020-12-17		0.74		WNW	296	3.2	passive	ERG	0.0515	18865	2.3	inHg	0122407-02
F2	2020-12-23		0.19		SE	125	1.8	passive	ERG	0.0515	A21013	5.1	inHg	1010625-02
F2	2021-01-04		0.15		NW	318	1.4	passive	ERG	0.0515	A21026	3.8	inHg	1011516-02
F2	2021-01-10	QA	1.62		N	9	0.8	passive	ERG	0.0515	SAT161	3	inHg	1012723-03
F2	2021-01-10		1.28		N	9	0.8	passive	ERG	0.0515	18889	2.3	inHg	1012723-02
F2	2021-01-16		0.39	LK	W	272	3.1	passive	ERG	0.0515	AZ45	3	inHg	1012723-05
F2	2021-01-22		0.25		NNW	329	1	passive	ERG	0.0515	33544	3.9	inHg	1020317-02
F2	2021-01-28		0.82		NW	325	5.5	passive	ERG	0.0515	SAT014	3.3	inHg	1020425-02
F2	2021-02-03		0.27		NW	312	3.5	passive	ERG	0.0472	35143	2.8	inHg	1021020-03

F2	2021-02-09	QA	0.31		NE	41	1	passive	ERG	0.0472	SAT009	1.8	inHg	1021837-03
F2	2021-02-09		0.18		NE	41	1	passive	ERG	0.0472	18874	4.1	inHg	1021837-02
F2	2021-02-15		0.26	LK	E	83	2.8	passive	ERG	0.0472	SAT159	4.6	inHg	1030327-02
F2	2021-02-21		0.13		SE	136	2.6	passive	ERG	0.0472	SAT070	2.3	inHg	1030327-03
F2	2021-02-27		0.54	LK	NE	54	1.6	passive	ERG	0.0472	SAT110	3.7	inHg	1031122-02
F2	2021-03-11		0.36	2	WNW	302	1.1	passive	ERG	0.0472	18825	6.8	inHg	1031636-02
F2	2021-03-17		0.10	2	E	79	2.5	passive	ERG	0.0472	110335	6.9	inHg	1032433-02
F2	2021-03-23	QA	0.16		E	98	3	passive	ERG	0.0472	110342	5.8	inHg	1040731-01
F2	2021-03-23		0.11	2	E	98	3	passive	ERG	0.0472	110306	7.5	inHg	1040823-02
F2	2021-03-29		0.18	2	NE	41	1.5	passive	ERG	0.0472	114340	8.1	inHg	1041342-01
F2	2021-04-04		0.52	2	NW	321	0.7	passive	ERG	0.0472	SAT180	6.1	inHg	1042216-02
F2	2021-04-10		0.52	LK, 2	S	175	2.9	passive	ERG	0.0472	AZ52	8	inHg	1042216-04
F2	2021-04-16		0.26	2	N	4	0.9	passive	ERG	0.0472	18882	7.8	inHg	1042934-02
F2	2021-04-22		0.18		NW	321	1.3	passive	ERG	0.0472	A21034	5.2	inHg	1043023-01
F2	2021-04-28		0.42	2	SW	232	1.6	passive	ERG	0.0472	A22328	7.9	inHg	1051721-01
F2	2021-05-04		0.27		SW	219	2.2	passive	ERG	0.0472	114348	5.8	inHg	1051941-02
F2	2021-05-10		1.08	2	W	268	2.2	passive	ERG	0.0472	A21098	8.5	inHg	1051941-05
F2	2021-05-16		0.14	2	SW	222	1.4	passive	ERG	0.0472	18822	6.9	inHg	1060324-03
F2	2021-05-22		0.46	2	NE	40	0.5	passive	ERG	0.0472	19646	7.1	inHg	1060324-04
F2	2021-05-28		0.33	LK	SW	219	2.8	passive	ERG	0.0472	19296	4.3	inHg	1060836-03
F2	2021-05-28	QA	0.21	LK	SW	219	2.8	passive	ERG	0.0472	A21109	5.1	inHg	1060923-01
F2	2021-06-03		0.26		SW	232	1.5	passive	ERG	0.0472	19663	8.00	inHg	1060923-02
F2	2021-06-15		0.37		NNW	328	2.6	passive	ERG	0.0472	A21036	7.80	inHg	1070115-02
F2	2021-06-15	QA	0.20		NNW	328	2.6	passive	ERG	0.0472	114386	8.50	inHg	1070206-01
F2	2021-06-27		0.57	LK	SE	126	1.9	passive	ERG	0.0472	SAT028	7.80	inHg	1072321-02
F2	2021-07-15		0.48	D-F	NW	311	0.9		ERG	0.0472	111219	7.90	inHg	1072937-02
F2	2021-07-15	QA	0.36	D-F	NW	311	0.9		ERG	0.0472	110257	3.20	inHg	1072937-03
F2	2021-07-27		0.39		NNW	338	0.9		ERG	0.0472	A21108	6.90	inHg	1080603-02
F2	2021-08-02		1.12	LK	NNW	345	1.3		ERG	0.0472	A21095	6.90	inHg	1081307-01
F2	2021-08-14	QA	0.55	D-F	ENE	66	1.7		ERG	0.0472	110306	8.20	inHg	1090130-03
F2	2021-08-14		0.36	D-F	ENE	66	1.7		ERG	0.0472	111217	4.10	inHg	1090130-02
F2	2021-08-26		0.24		SE	144	1.2		ERG	0.0472	35151	4.60	inHg	1090319-02
F2	2021-09-07	QA	0.28		ENE	58	1.2		ERG	0.0472	110258	6.90	inHg	1091619-02
F2	2021-09-07		0.26		ENE	58	1.2		ERG	0.0472	114386	3.10	inHg	1091619-01
F2	2021-09-19		0.54		ENE	62	1.3		ERG	0.0472	111219	6.50	inHg	1100617-01
F2	2021-10-01	QA	0.20		SE	131	0.9		EPD	0.0288	114350	6.90	inHg	AK87169
F2	2021-10-01		0.14		SE	131	0.9		EPD	0.0288	114380	7.50	inHg	AK87170
F2	2021-10-13		0.39		SW	227	0.3		EPD	0.0288	110321	4.90	inHg	AK87858

F3	2020-08-13	1.76		W	271	1.1	passive	ERG	0.0515	18883	4.8	inHg	0082115-04
F3	2020-08-19	3.67	LK, 2	NE	54	1.4	passive	ERG	0.0515	5103	13.8	inHg	0082739-03
F3	2020-09-18	5.91		NNW	341	1.3	passive	ERG	0.0515	19280	5.6	inHg	0092510-02
F3	2020-09-24	1.63	2	E	100	2.5	passive	ERG	0.0515	SAT101	7.5	inHg	0100212-03
F3	2020-09-30	0.45	LK	W	267	1.6	passive	ERG	0.0515	5077	3.1	inHg	0100834-03
F3	2020-10-06	1.08		NE	40	0.8	passive	ERG	0.0515	19282	2.9	inHg	0101530-03
F3	2020-10-18	1.03		E	79	2.1	passive	ERG	0.0515	111211	1.8	inHg	0102915-03
F3	2020-10-24	4.79	2	N	0	0.6	passive	ERG	0.0515	111217	12.5	inHg	0110528-03
F4	2021-01-16	0.09		W	272	3.1	passive	ERG	0.0515	33498	3.8	inHg	1012723-06
F4	2021-01-22	0.00	ND, U	NNW	329	1	passive	ERG	0.0515	19663	3.9	inHg	1020317-03
F4	2021-01-28	0.00	ND, U	NW	325	5.5	passive	ERG	0.0515	SAT085	3.3	inHg	1020425-03
F4	2021-02-03	0.00	ND, U	NW	312	3.5	passive	ERG	0.0472	111217	3.1	inHg	1021020-04
F4	2021-02-09	0.11		NE	41	1	passive	ERG	0.0472	114348	4.5	inHg	1021837-04
F4	2021-02-15	0.28	QA	E	83	2.8	passive	ERG	0.0472	SAT033	4.7	inHg	1030327-05
F4	2021-02-15	0.24		E	83	2.8	passive	ERG	0.0472	SAT157	4.7	inHg	1030327-04
F4	2021-02-21	0.43	LK	SE	136	2.6	passive	ERG	0.0472	SAT142	2	inHg	1030327-06
F4	2021-02-27	0.11		NE	54	1.6	passive	ERG	0.0472	19660	3.9	inHg	1031122-03
F4	2021-03-11	0.33	LK	WNW	302	1.1	passive	ERG	0.0472	SAT058	5.8	inHg	1031636-03
F4	2021-03-17	0.29		E	79	2.5	passive	ERG	0.0472	SAT087	4.1	inHg	1032433-03
F4	2021-03-23	0.13		E	98	3	passive	ERG	0.0472	18824	5.0	inHg	1040823-03
F4	2021-03-29	0.09		NE	41	1.5	passive	ERG	0.0472	18879	5.3	inHg	1041410-02
F4	2021-04-04	0.15		NW	321	0.7	passive	ERG	0.0472	18884	3.5	inHg	1042123-01
F4	2021-04-10	0.70		S	175	2.9	passive	ERG	0.0472	SAT042	5.9	inHg	1042216-05
F4	2021-04-16	0.10		N	4	0.9	passive	ERG	0.0472	2527	5	inHg	1042934-03
F4	2021-04-28	0.40		SW	232	1.6	passive	ERG	0.0472	2240	5.9	inHg	1051247-02
F4	2021-05-04	0.07		SW	219	2.2	passive	ERG	0.0472	19278	5.9	inHg	1051941-03
F4	2021-05-10	0.10		W	268	2.2	passive	ERG	0.0472	18884	4.8	inHg	1051941-06
F4	2021-05-16	0.15		SW	222	1.4	passive	ERG	0.0472	111217	4.7	inHg	1060324-05
F4	2021-05-28	0.21	LK	SW	219	2.8	passive	ERG	0.0472	19652	2.8	inHg	1060923-03
F4	2021-06-15	0.27		NNW	328	2.6	passive	ERG	0.0472	33529	6.20	inHg	1070115-03
F4	2021-06-27	1.55	LK	SE	126	1.9	passive	ERG	0.0472	35131	5.00	inHg	1072321-03
General Coffee	2019-09-19	0.62	LK	E	80	3.9	Xonteck 911	ERG	0.0452	N4075	20	inHg	9092734-01
General Coffee	2019-09-30		AN				Xonteck 911	ERG		N4112	20	inHg	9100409-01
General Coffee	2019-10-12	0.06		ESE	139	0.6	Xonteck 911	ERG	0.0452	2767	19	inHg	9101529-01
General Coffee	2019-10-24	0.08		E	84	3.3	Xonteck 911	ERG	0.0452	A21071	20	inHg	9110120-01
General Coffee	2019-11-05	0.17		NE	42	1.5	Xonteck 911	ERG	0.0452	SAT099	19	inHg	9111358-01
General Coffee	2019-11-19	0.12	LK	W	285	1.7	Xonteck 911	ERG	0.0452	5136	22	inHg	9112612-01
General Coffee	2019-11-29	0.15	LK	ENE	64	0.1	Xonteck 911	ERG	0.0452	SAT135	23	inHg	9120613-01

General Coffee	2019-12-11	0.27	LK	NNE	19	4.1	Xonteck 911	ERG	0.0452	5022	21	inHg	9122020-01	
General Coffee	2019-12-23	0.04	U	WNW	320	2.4	Xonteck 911	ERG	0.0452	18870	21	inHg	9122720-01	
General Coffee	2020-01-04	0.36		WNW	320	5.3	Xonteck 911	ERG	0.0452	SAT160	20	inHg	0011011-01	
General Coffee	2020-01-16		AS	2	NW	311	2.8	Xonteck 911	ERG	0.0452	A21083	20	inHg	0012417-01
General Coffee	2020-01-28	0.35			N	0	1.5	Xonteck 911	ERG	0.0452	SAT168	21	inHg	0021033-01
General Coffee	2020-02-09	0.08			E	88	2.3	Xonteck 911	ERG	0.0452	A21054	23	inHg	0021823-01
General Coffee	2020-02-21	0.08	LK		NE	35	5.5	Xonteck 911	ERG	0.0452	A21035	22	inHg	0030237-01
General Coffee	2020-03-04	0.47			E	87	2	Xonteck 911	ERG	0.0515	SAT056	21	psig	0031322-01
General Coffee	2020-03-22	0.14	LK		ENE	69	3	Xonteck 911	ERG	0.0515	5035	21	psig	0040215-01
General Coffee	2020-03-28	0.12			SW	227	3	Xonteck 911	ERG	0.0515	A21072	21	psig	0040215-02
General Coffee	2020-04-09	0.18			W	281	3.2	Xonteck 911	ERG	0.0515	19645	22	psig	0042017-01
General Coffee	2020-04-27	1.07	2		NNW	330	2.6	Xonteck 911	ERG	0.0515	SAT063	23	psig	0050710-01
General Coffee	2020-05-03	0.63		2, I-02	WSW	245	1.8	Xonteck 911	ERG	0.0515	SAT142	21	psig	0051506-01
General Coffee	2020-05-15	0.57		LK, 2	ESE	115	2.2	Xonteck 911	ERG	0.0515	5064	22	psig	0052201-01
General Coffee	2020-06-02	0.20		2	ESE	110	1.8	Xonteck 911	ERG	0.0515	33535	19	psig	0061524-01
General Coffee	2020-06-08	0.48		2	SSW	210	1.5	Xonteck 911	ERG	0.0515	SAT053	21	psig	0061907-01
General Coffee	2020-06-20	0.52		2	SW	216	0.66	Xonteck 911	ERG	0.0515	SAT074	22	psig	0062610-01
General Coffee	2020-07-02		SC	LK, 2	W	267	1.8	Xonteck 911	ERG	0.0515	35124	21	psig	0071020-01
General Coffee	2020-07-14	1.52		LK, 2	W	258	1.2	Xonteck 911	ERG	0.0515	AZ38	22	psig	0072337-01
General Coffee	2020-07-26	0.38		LK, 2	E	99	1.5	Xonteck 911	ERG	0.0515	5136	21	psig	0080616-01
General Coffee	2020-08-07	0.34		2	S	189	1.2	Xonteck 911	ERG	0.0515	A21009	23	psig	0081411-01
General Coffee	2020-08-19	0.18		LK	SSE	154	0.5	Xonteck 911	ERG	0.0515	5141	20	psig	0082819-01
General Coffee	2020-08-31	1.02		2	W	266	1.2	Xonteck 911	ERG	0.0515	SAT082	21	psig	0091422-01
General Coffee	2020-09-12	0.20		2	E	86	2.7	Xonteck 911	ERG	0.0515	18879	22	psig	0092511-01
General Coffee	2020-09-30	0.11		2	NNW	336	1	Xonteck 911	ERG	0.0515	18835	22	psig	0100913-01
General Coffee	2020-10-06	0.21		2	ENE	60	2.8	Xonteck 911	ERG	0.0515	19641	22	psig	0101607-01
General Coffee	2020-10-18	0.24		2	ENE	67	2.7	Xonteck 911	ERG	0.0515	A21086	21	psig	0102918-01
General Coffee	2020-10-30	0.22		2	NNW	332	3	Xonteck 911	ERG	0.0515	A21028	23	psig	0110605-01
General Coffee	2020-11-11	2.78		LK, 2	ESE	122	1.7	Xonteck 911	ERG	0.0515	35103	22	psig	0112316-01
General Coffee	2020-11-23	0.05		VB, 2, U	N	357	2.1	Xonteck 911	ERG	0.0515	19284	24	psig	0120409-01
General Coffee	2020-12-17	0.04		2, VB, U	NW	313	2.3	Xonteck 911	ERG	0.0515	18829	21	psig	0122329-01
General Coffee	2021-01-04	0.04		2, VB, U	NW	316	1.3	Xonteck 911	ERG	0.0515	33243	22	psig	1011926-01
General Coffee	2021-01-22	0.99		LK, 2	N	8	1.5	Xonteck 911	ERG	0.0515	SAT101	22	psig	1012901-02
General Coffee	2021-02-21	0.19			ESE	105	2.7	Xonteck 911	ERG	0.0472	SAT109	19	psig	1030427-01
General Coffee	2021-02-27	0.00		ND, U, 2	WSW	239	1.3	Xonteck 911	ERG	0.0472	19647	21	psig	1030427-02
General Coffee	2021-03-11	0.06		2	SSE	148	0.9	Xonteck 911	ERG	0.0472	18823	22	psig	1031827-02
General Coffee	2021-04-04	0.50		LK, 2	WSW	238	0.5	Xonteck 911	ERG	0.0472	SAT125	23	psig	1041610-01
General Coffee	2021-04-16	0.53		LK, 2	NNE	21	1.4	Xonteck 911	ERG	0.0472	AZ50	23	psig	1042306-01

General Coffee	2021-04-28	0.39	LK, 2	NW	307	3.8	Xonteck 911	ERG	0.0472	A21007	22	psig	1051017-01
General Coffee	2021-05-10	0.79	LK, 2	WSW	240	2.6	Xonteck 911	ERG	0.0472	SAT077	21	psig	1052114-01
General Coffee	2021-05-22	0.25	LK, 2	E	88	1.7	Xonteck 911	ERG	0.0472	N4114	22	psig	1052813-01
General Coffee	2021-06-03	0.18		S	191	0.8	Xonteck 911	ERG	0.0472	SAT085	23.00	psig	1061030-01
General Coffee	2021-06-17	0.12		ENE	75	1.2	Xonteck 911	ERG	0.0472	9570	19.00	psig	1062411-01
General Coffee	2021-06-27	0.32	LK	ESE	108	2	Xonteck 911	ERG	0.0472	SAT109	23.00	psig	1070111-01
General Coffee	2021-07-15	0.06	2	SSE	158	0.7	Xonteck 911	ERG		110342	23.00	psig	1072117-01
General Coffee	2021-07-27	0.11	2	W	278	0.9	Xonteck 911	ERG		18829	23.00	psig	1081725-01
General Coffee	2021-08-20	0.08	2	WNW	302	1.3	Xonteck 911	ERG		19658	22.00	psig	1082630-01
General Coffee	2021-09-13	0.5	LK	NE	51	0.7	Xonteck 911	ERG		SAT068	22.00	psig	1100430-01
General Coffee	2021-09-25	0.13		NNE	18	0.9	Xonteck 911	ERG		114344	22.00	psig	1100811-01
General Coffee	2021-10-13	0.08	2	ENE	71	1.0	Xonteck 911	ERG		110314	20.00	psig	1102225-01
NR285	2020-03-22	0.37		E	90	0.8	Xonteck 910	ERG	0.0515	A22329	18.70	psig	0040114-03
NR285	2020-05-09	0.07	2	WNW	291	0.3	Xonteck 910	ERG	0.0515	19647	18.10	psig	0051509-01
NR285	2020-06-14	0.26		ESE	119	0.1	Xonteck 910	ERG	0.0515	A21046	18.80	psig	0062523-01
NR285	2021-01-04	0.07		WNW	287	0.3	Xonteck 910	ERG	0.0515	SAT053	18.90	psig	1011328-05
NR285	2021-01-16	0.11		WNW	287	0.8	Xonteck 910	ERG	0.0515	35157	18.20	psig	1012725-03
NR285	2021-01-28	0.00	ND, U, 2	NW	319	1.2	Xonteck 910	ERG	0.0515	19288	12.8	psig	1020518-03
NR285	2021-02-09	0.34		ENE	60	0.1	Xonteck 910	ERG	0.0472	SAT107	18.3	inHg	1021909-02
NR285	2021-02-09	0.08		ENE	60	0.1	passive	ERG	0.0472	114322	2.0	inHg	1021909-01
NR285	2021-02-21	0.24		SE	125	0.8	passive	ERG	0.0472	A21099	1.8	inHg	1030511-05
NR285	2021-02-21	0.08		SE	125	0.8	Xonteck 910	ERG	0.0472	A21044	17.9	psig	1030511-06
NR285	2021-04-22	0.05		WNW	290	0.2	Xonteck 910	ERG	0.0472	19295	19	psig	1050320-01
NR285	2021-05-04	0.08	2	SSW	212	0.1	Xonteck 910	ERG	0.0472	19283	19.5	psig	1051938-01
NR285	2021-05-16	0.54	2	SSW	205	0.2	Xonteck 910	ERG	0.0472	A21012	19	psig	1060326-01
S1	2019-09-24		AN	NW	304	2.5	passive	ERG		SAT004	29.0	inHg	9092733-01
S1	2019-09-30	0.19	LK	N	7	0.9	passive	ERG	0.0452	18831	4.1	inHg	9100318-01
S1	2019-10-03	0.31	LK	WNW	303	0.8	passive	ERG	0.0452	18833	5.0	inHg	9100921-02
S1	2019-10-06	0.06		E	87	3.8	passive	ERG	0.0452	19653	3.8	inHg	9100921-06
S1	2019-10-12	0.21	LK	NW	304	2.2	passive	ERG	0.0452	5013	5.3	inHg	9101802-01
S1	2019-10-18	0.12	LK	E	85	2.3	passive	ERG	0.0452	5017	4.0	inHg	9102414-01
S1	2019-10-24	0.10	LK	E	85	1.8	passive	ERG	0.0452	A21069	4.0	inHg	9103068-01
S1	2019-11-20	0.27	LK, 2	NW	310	3.2	passive	ERG	0.0452	SAT003	6.5	inHg	9112204-01
S1	2019-11-23	0.36	LK, 2	WSW	244	4.2	passive	ERG	0.0452	AZ39	8.0	inHg	9112712-01
S1	2019-11-29	0.16	LK, 2	NW	317	1.3	passive	ERG	0.0452	SAT155	7.0	inHg	9120611-01
S1	2019-12-05	0.16	LK	WNW	295	2.1	passive	ERG	0.0452	19668	3.2	inHg	9121206-01
S1	2019-12-11	0.22	LK	NW	320	3.1	passive	ERG	0.0452	SAT079	4.9	inHg	9121840-01
S1	2019-12-17	0.37	LK, 2	WNW	294	6.1	passive	ERG	0.0452	5019	8.2	inHg	0010321-01

S1	2019-12-23		AN	ENE	67	4.7	passive	ERG		5077	1.2	inHg	0010321-05
S1	2020-01-10	0.30	LK	ESE	104	5.5	passive	ERG	0.0452	5020	1.4	inHg	0011617-01
S1	2020-01-16	0.70	LK	NW	311	5.4	passive	ERG	0.0452	5051	2.4	inHg	0012315-01
S1	2020-02-03	0.85	LK	SSW	211	1.9	passive	ERG	0.0452	5080	1.0	inHg	0021216-01
S1	2020-02-09	0.77	LK, 2	ESE	103	3	passive	ERG	0.0452	5129	10.2	inHg	0021825-01
S1	2020-02-15	0.28		E	93	2.4	passive	ERG	0.0452	19668	2.0	inHg	0022612-01
S1	2020-03-10	0.33		SSW	197	2.1	passive	ERG	0.0515	2240	4.2	inHg	0031722-01
S1	2020-03-28	0.18	2	SW	220	2.8	passive	ERG	0.0515	19297	6.9	inHg	0040817-01
S1	2020-04-03	0.13		WNW	284	1.7	passive	ERG	0.0515	18823	4.3	inHg	0041003-01
S1	2020-04-09	0.44		WNW	292	5	passive	ERG	0.0515	SAT082	6.0	inHg	0041620-01
S1	2020-04-15	0.22		NW	320	4.3	passive	ERG	0.0515	SAT096	3.9	inHg	0042217-01
S1	2020-04-21	0.86	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5086	5.8	inHg	0050113-01
S1	2020-04-27	0.11		WNW	302	3.5	passive	ERG	0.0515	18827	4.0	inHg	0050617-01
S1	2020-05-03	0.57	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5065	7.2	inHg	0051409-01
S1	2020-05-09	1.21	LK	NW	320	3.6	passive	ERG	0.0515	5040	4.7	inHg	0051830-01
S1	2020-05-15	0.11		SE	130	3.2	passive	ERG	0.0515	18870	5.9	inHg	0052846-01
S1	2020-05-21	0.07		E	85	1.7	passive	ERG	0.0515	19280	4.9	inHg	0052917-02
S1	2020-05-27	0.70		E	90	3.2	passive	ERG	0.0515	SAT111	5.8	inHg	0060506-01
S1	2020-06-02	0.57		S	185	1.7	passive	ERG	0.0515	SAT048	5.5	inHg	0061733-01
S1	2020-06-08	0.18		ESE	120	4.4	passive	ERG	0.0515	SAT044	6.0	inHg	0061733-05
S1	2020-06-14	1.29	LK, 2	ENE	70	1.7	passive	ERG	0.0515	5051	6.2	inHg	0062524-01
S1	2020-06-20	0.40	LK, 2	NW	321	1.5	passive	ERG	0.0515	5127	6.8	inHg	0062611-01
S1	2020-06-26	0.44		W	275	3.5	passive	ERG	0.0515	19289	5.5	inHg	0070604-01
S1	2020-07-02	0.14	2	WNW	301	2.1	passive	ERG	0.0515	19660	6.5	inHg	0070929-01
S1	2020-07-08	0.33	LK	W	280	1	passive	ERG	0.0515	5032	7.0	inHg	0071532-01
S1	2020-07-14	0.15		WSW	253	1.3	passive	ERG	0.0515	18870	6.0	inHg	0072413-01
S1	2020-07-20	1.10		WSW	258	1	passive	ERG	0.0515	SAT152	2.9	inHg	0072930-01
S1	2020-08-01	0.67	LK	SW	216	2.9	passive	ERG	0.0515	SAT067	2.3	inHg	0081226-01
S1	2020-08-07	1.03	LK	NE	50	1.7	passive	ERG	0.0515	5090	2.9	inHg	0081932-01
S1	2020-08-13	0.56		ESE	109	1.7	passive	ERG	0.0515	A22330	2.1	inHg	0082116-01
S1	2020-08-19	1.10	LK, 2	SE	125	1.9	passive	ERG	0.0515	AZ53	10.0	inHg	0082740-01
S1	2020-08-25	1.11		E	97	1.2	passive	ERG	0.0515	SAT033	1.9	inHg	0090237-01
S1	2020-08-31	0.58		WSW	238	0.7	passive	ERG	0.0515	A21001	2.1	inHg	0090831-01
S1	2020-09-06	0.52	LK	ENE	57	1.7	passive	ERG	0.0515	AZ41	1.2	inHg	0092336-01
S1	2020-09-12	2.01		ESE	105	2.6	passive	ERG	0.0515	SAT011	2.9	inHg	0092336-04
S1	2020-09-18	0.48	LK	NNW	331	2.4	passive	ERG	0.0515	5043	3.5	inHg	0092509-01
S1	2020-09-24	0.40	LK	ESE	104	4.1	passive	ERG	0.0515	5128	3.2	inHg	0100211-01
S1	2020-10-06	0.16		E	87	1.2	passive	ERG	0.0515	19658	1.8	inHg	0101529-01



S1	2020-10-12	1.10		WNW	283	1.9	passive	ERG	0.0515	A21006	2.0	inHg	0102302-01
S1	2020-10-18	0.15		E	94	2.4	passive	ERG	0.0515	114329	1.1	inHg	0102914-01
S1	2020-10-24	0.11	2	N	3	1.1	passive	ERG	0.0515	114348	10.4	inHg	0110518-01
S1	2020-11-11	0.22		S	170	1.3	passive	ERG	0.0515	SAT061	3.5	inHg	0112512-01
S1	2020-11-29	0.28	LK	ESE	103	2.8	passive	ERG	0.0515	5145	2.8	inHg	0120410-02
S1	2020-12-05	0.07		WNW	291	3.5	passive	ERG	0.0515	19290	1.0	inHg	0121638-01
S1	2020-12-11	0.16	LK	SSE	148	1	passive	ERG	0.0515	5054	2.3	inHg	0122325-01
S1	2020-12-23	0.10		ESE	114	3.3	passive	ERG	0.0515	19642	2.1	inHg	1010627-01
S1	2020-12-29	0.09		E	100	2	passive	ERG	0.0515	110322	2.1	inHg	1010523-01
S1	2021-01-04	0.07		SSW	292	1.9	passive	ERG	0.0515	19278	1.7	inHg	1011515-01
S1	2021-01-16	0.10		W	268	4.4	passive	ERG	0.0515	19340	1.0	inHg	1012724-06
S1	2021-01-28	0.50		NW	317	6.6	passive	ERG	0.0515	SAT058	1.6	inHg	1020424-01
S1	2021-02-09	0.08		ENE	69	1.5	passive	ERG	0.0472	9570	2.1	inHg	1021828-01
S1	2021-02-15	0.30		E	98	3.7	passive	ERG	0.0472	SAT184	2.8	inHg	1030328-01
S1	2021-03-11	0.12		SSW	194	1.6	passive	ERG	0.0472	18817	5.9	inHg	1031638-01
S1	2021-03-17	0.27	2	ESE	103	3.1	passive	ERG	0.0472	213	8.2	inHg	1032431-01
S1	2021-03-23	0.13	2	ESE	110	4.3	passive	ERG	0.0472	18836	8.6	inHg	1040821-01
S1	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	33235	5.8	inHg	1042122-01
S1	2021-04-10	0.17		SSE	161	3.8	passive	ERG	0.0472	19654	6.0	inHg	1042219-04
S1	2021-04-22	0.16	2	WNW	290	1.7	passive	ERG	0.0472	A21036	6.2	inHg	1043024-01
S1	2021-04-28	0.14		SSW	204	1.7	passive	ERG	0.0472	114322	6.0	inHg	1051246-01
S1	2021-05-04	0.20		SSW	200	2.5	passive	ERG	0.0472	33503	5.2	inHg	1051939-01
S1	2021-05-10	0.09	2	W	278	3	passive	ERG	0.0472	114386	6.4	inHg	1051939-05
S1	2021-05-16	0.22		SSW	198	1.2	passive	ERG	0.0472	19654	5.1	inHg	1060325-01
S1	2021-05-22	0.20	2	ENE	69	1.1	passive	ERG	0.0472	19294	6.1	inHg	1060325-02
S1	2021-05-28	0.44	LK	SW	232	3.2	passive	ERG	0.0472	A21073	4	inHg	1060925-01
S1	2021-06-03	0.22		SSW	212	2.4	passive	ERG	0.0472	19281	5.80	inHg	1060837-01
S1	2021-06-15	0.00	ND, CE, U	NW	310	4	passive	ERG	0.0472	A21070	7.40	inHg	1070113-02
S1	2021-06-27	0.32		SE	126	2.4	passive	ERG	0.0472	A21000	5.80	inHg	1072322-01
S1	2021-07-15	0.18		WSW	252	1.3		ERG	0.0472	33535	9.80	inHg	1072938-01
S1	2021-07-27	0.67	LK	NE	37	1.5		ERG	0.0472	A21106	5.10	inHg	1080604-01
S2	2019-09-24	0.33	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	SAT023	6.5	inHg	9092733-02
S2	2019-09-26	0.22	LK, 2	NW	313	1.7	passive	ERG	0.0452	A21104	6.1	inHg	9100318-02
S2	2019-10-03	0.40	LK	WNW	303	0.8	passive	ERG	0.0452	SAT135	4.9	inHg	9100921-04
S2	2019-10-06	0.12	LK	E	87	3.8	passive	ERG	0.0452	5005	5.9	inHg	9100921-09
S2	2019-10-12	0.27	LK	NW	304	2.2	passive	ERG	0.0452	5040	4.8	inHg	9101802-02
S2	2019-10-18	0.07		E	85	2.3	passive	ERG	0.0452	18882	2.1	inHg	9102414-02
S2	2019-10-24	0.05		E	85	1.8	passive	ERG	0.0452	19300	3.2	inHg	9103068-02

S2	2019-11-20	0.19	LK	NW	310	3.2	passive	ERG	0.0452	5005	2.9	inHg	9112204-02
S2	2019-11-23	0.39		WSW	244	4.2	passive	ERG	0.0452	SAT049	3.1	inHg	9112712-02
S2	2019-11-29	0.16	LK	NW	317	1.3	passive	ERG	0.0452	SAT086	3.1	inHg	9120611-02
S2	2020-01-10	0.32	LK	ESE	104	5.5	passive	ERG	0.0452	AZ51	2.2	inHg	0011617-02
S2	2020-01-16	0.26	LK	NW	311	5.4	passive	ERG	0.0452	5146	4.1	inHg	0012315-02
S2	2020-02-15	0.80	2	E	93	2.4	passive	ERG	0.0452	SAT025	9.4	inHg	0022612-02
S2	2020-02-21		AN	NW	321	2.7	passive	ERG		18836	22.8	inHg	0030235-02
S2	2020-02-27	0.15	LK	WNW	301	5.1	passive	ERG	0.0452	19663	2.2	inHg	0030536-02
S2	2020-03-04	0.41	LK	WSW	241	1.6	passive	ERG	0.0515	SAT179	4.1	inHg	0031136-01
S2	2020-03-10	0.24		SSW	197	2.1	passive	ERG	0.0515	18877	3.2	inHg	0031722-02
S2	2020-03-28	0.78	LK	SW	220	2.8	passive	ERG	0.0515	SAT159	6.0	inHg	0040817-02
S2	2020-04-03	0.09		WNW	284	1.7	passive	ERG	0.0515	19296	4.1	inHg	0041003-02
S2	2020-04-09	0.54	LK	WNW	292	5	passive	ERG	0.0515	5023	6.0	inHg	0041620-02
S2	2020-04-15	0.48	LK	NW	320	4.3	passive	ERG	0.0515	5079	3.8	inHg	0042217-02
S2	2020-04-21	0.41	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5101	4.9	inHg	0050113-02
S2	2020-04-27	1.26	LK, 2	WNW	302	3.5	passive	ERG	0.0515	5000	4.2	inHg	0050617-02
S2	2020-05-03		BI	WSW	255	2.6	passive	ERG		18879	5.7	inHg	0051409-02
S2	2020-05-09		BI	NW	320	3.6	passive	ERG		19297	2.0	inHg	0051505-01
S2	2020-05-15	0.57		SE	130	3.2	passive	ERG	0.0515	SAT183	5.3	inHg	0052846-02
S2	2020-05-21	0.78	LK	E	85	1.7	passive	ERG	0.0515	SAT184	4.1	inHg	0052917-03
S2	2020-05-27	0.80		NNW	330	2.6	passive	ERG	0.0515	35141	3.8	inHg	0060506-02
S2	2020-06-02	0.76	LK	S	185	1.7	passive	ERG	0.0515	5073	5.8	inHg	0061733-02
S2	2020-06-08	0.65		ESE	120	4.4	passive	ERG	0.0515	19662	4.8	inHg	0061733-06
S2	2020-06-14	1.04	LK	ENE	70	1.7	passive	ERG	0.0515	SAT159	4.0	inHg	0062524-02
S2	2020-06-20	0.59		NW	321	1.5	passive	ERG	0.0515	SAT103	5.2	inHg	0062611-02
S2	2020-06-26	0.51	LK	W	275	3.5	passive	ERG	0.0515	5077	5.2	inHg	0070604-02
S2	2020-07-02	0.20	LK	WNW	301	2.1	passive	ERG	0.0515	SAT051	5.6	inHg	0070929-02
S2	2020-07-08	0.18		W	280	1	passive	ERG	0.0515	19644	4.7	inHg	0071532-02
S2	2020-07-14	0.40		WSW	253	1.3	passive	ERG	0.0515	SAT024	5.8	inHg	0072413-02
S2	2020-07-26	0.22		NNW	340	0.9	passive	ERG	0.0515	SAT044	1.8	inHg	0080535-02
S2	2020-08-13	0.99	LK	ESE	109	1.7	passive	ERG	0.0515	5082	2.8	inHg	0082116-02
S2	2020-08-19	0.78		SE	125	1.9	passive	ERG	0.0515	SAT182	3.9	inHg	0082740-02
S2	2020-08-25	0.77	2	E	97	1.2	passive	ERG	0.0515	33266	14.0	inHg	0090237-02
S2	2020-09-06	0.74	LK	ENE	57	1.7	passive	ERG	0.0515	5105	1.2	inHg	0092336-02
S2	2020-09-12	0.17		ESE	105	2.6	passive	ERG	0.0515	19288	2.8	inHg	0092336-05
S2	2020-09-18	1.29	LK	NNW	331	2.4	passive	ERG	0.0515	SAT109	2.1	inHg	0092509-02
S2	2020-09-24	0.58	3	ESE	104	4.1	passive	ERG	0.0515	A21095	2.8	inHg	0100211-02
S2	2020-09-30	0.82	3, LK	WNW	283	1.8	passive	ERG	0.0515	5063	2.8	inHg	0100832-02

S2	2020-10-06		0.10	3	E	87	1.2	passive	ERG	0.0515	33238	1.7	inHg	0101529-02
S2	2020-10-12		0.33	3	WNW	283	1.9	passive	ERG	0.0515	A21011	2.9	inHg	0102302-02
S2	2020-10-18		0.12	3	E	94	2.4	passive	ERG	0.0515	110252	1.2	inHg	0102914-02
S2	2020-10-24		0.13	2, 3	N	3	1.1	passive	ERG	0.0515	110258	9.8	inHg	0110518-02
S2	2020-11-11		6.47	3, LK	S	170	1.3	passive	ERG	0.0515	35118	3.6	inHg	0112512-02
S2	2020-11-17		0.09	3	NW	314	4.7	passive	ERG	0.0515	33243	1.2	inHg	0112512-06
S2	2020-11-23		0.18	3	NW	316	3.5	passive	ERG	0.0515	35148	1.2	inHg	0120410-03
S2	2020-11-29		0.28	3, LK	ESE	103	2.8	passive	ERG	0.0515	5125	3.8	inHg	0120410-04
S2	2020-12-05		0.19	3, LK	WNW	291	3.5	passive	ERG	0.0515	SAT039	1.2	inHg	0121638-02
S2	2020-12-11		0.08	3	SSE	148	1	passive	ERG	0.0515	19648	2.1	inHg	0122325-02
S2	2020-12-23		0.05	3	ESE	114	3.3	passive	ERG	0.0515	AQL0397	1.9	inHg	1010627-02
S2	2020-12-29		0.25	3	E	100	2	passive	ERG	0.0515	SAT097	2.2	inHg	1010523-02
S2	2021-01-04		0.17	3	SSW	292	1.9	passive	ERG	0.0515	A21106	1.4	inHg	1011515-02
S2	2021-01-16		0.04	3, VB, U	W	268	4.4	passive	ERG	0.0515	19293	1.1	inHg	1012724-07
S2	2021-01-28		0.00	ND, U, 3	NW	317	6.6	passive	ERG	0.0515	SAT151	1.8	inHg	1020424-02
S2	2021-02-09		0.06	3	ENE	69	1.5	passive	ERG	0.0472	111211	2.9	inHg	1021828-02
S2	2021-02-15		0.14	3, LK	E	98	3.7	passive	ERG	0.0472	AZ41	2.9	inHg	1030328-02
S2	2021-02-27		0.07	3	ESE	107	2.4	passive	ERG	0.0472	33235	2.8	inHg	1031120-01
S2	2021-03-11		0.38	3, LK	SSW	194	1.6	passive	ERG	0.0472	5004	4.6	inHg	1031638-02
S2	2021-03-17		0.16	2, 3	ESE	103	3.1	passive	ERG	0.0472	110252	6.8	inHg	1032431-02
S2	2021-03-23		0.20	3	ESE	110	4.3	passive	ERG	0.0472	18872	3.7	inHg	1040821-02
S2	2021-03-29		0.40	3, LK	NNW	343	2.1	passive	ERG	0.0472	A21071	4.2	inHg	1041340-03
S2	2021-04-04		0.55	3, LK	WNW	291	1.7	passive	ERG	0.0472	SAT175	2.2	inHg	1042219-01
S2	2021-04-10		0.09	3	SSE	161	3.8	passive	ERG	0.0472	111217	4.5	inHg	1042219-05
S2	2021-04-16		0.08	3	NNW	333	2.2	passive	ERG	0.0472	19280	4.6	inHg	1042935-02
S2	2021-04-22		0.08	3	WNW	290	1.7	passive	ERG	0.0472	19288	1.8	inHg	1043024-02
S2	2021-04-28		0.30	3	SSW	204	1.7	passive	ERG	0.0472	44	5.0	inHg	1051246-02
S2	2021-05-04		0.30	3	SSW	200	2.5	passive	ERG	0.0472	A21106	4.2	inHg	1051939-02
S2	2021-05-10		0.09	3	W	278	3	passive	ERG	0.0472	18833	4.3	inHg	1051939-06
S2	2021-05-16		0.10	3	SSW	198	1.2	passive	ERG	0.0472	19657	3.8	inHg	1060325-03
S2	2021-05-22		0.13	3	ENE	69	1.1	passive	ERG	0.0472	19665	4	inHg	1060241-02
S2	2021-05-28		0.11	3	SW	232	3.2	passive	ERG	0.0472	111211	4.8	inHg	1060925-02
S2	2021-06-03		0.10	3	SSW	212	2.4	passive	ERG	0.0472	110342	5.20	inHg	1060837-02
S2	2021-06-15	QA	0.20		NW	310	4	passive	ERG	0.0472	111219	5.30	inHg	1070208-01
S2	2021-06-15		0.13		NW	310	4	passive	ERG	0.0472	110322	7.20	inHg	1070113-03
S2	2021-06-27		0.12		SE	126	2.4	passive	ERG	0.0472	19279	5.90	inHg	1072322-02
S2	2021-07-15		0.17		WSW	252	1.3		ERG	0.0472	110258	6.90	inHg	1072938-02
S2	2021-07-15	QA	0.15		WSW	252	1.3		ERG	0.0472	9570	9.80	inHg	1072938-03

S2	2021-07-27		0.18		NE	37	1.5		ERG	0.0472	19282	6.20	inHg	1080604-02	
S2	2021-08-02		0.33		NW	313	1.9		ERG	0.0472	33534	7.10	inHg	1081308-01	
S2	2021-08-14		0.66	LK	E	101	1.8		ERG	0.0472	SAT137	7.90	inHg	1090124-02	
S2	2021-08-14	QA	0.52	LK	E	101	1.8		ERG	0.0472	SAT081	6.80	inHg	1090124-03	
S2	2021-08-26		0.34		SE	124	1.0		ERG	0.0472	19284	6.00	inHg	1090320-01	
S2	2021-09-07		0.79		ENE	72	2.3		ERG	0.0472	A21007	6.10	inHg	1091620-01	
S2	2021-09-07	QA	0.18		ENE	72	2.3		ERG	0.0472	19665	4.20	inHg	1091620-02	
S2	2021-09-19			SC	D	E	96	1.8		ERG	J9434508196721	35141	8.90	inHg	1100727-01
S2	2021-10-01		0.35		ESE	106	1.2		EPD	0.0288	114384	6.10	inHg	AK87166	
S2	2021-10-01	QA	0.34		ESE	106	1.2		EPD	0.0288	114321	5.90	inHg	AK87165	
S2	2021-10-31		0.10		NW	307	3.7		EPD	0.0288	114324	10.30	inHg	AK88022	
S3	2019-09-24		0.54		NW, W	304	2.5	passive	ERG	0.0452	18834	3.0	inHg	9092733-03	
S3	2019-09-26		0.10		NW	313	1.7	passive	ERG	0.0452	18879	6.0	inHg	9100318-04	
S3	2019-09-30		0.06	2	N	7	0.9	passive	ERG	0.0452	19650	7.0	inHg	9100318-05	
S3	2019-10-03		0.17	LK, 2	WNW	303	0.8	passive	ERG	0.0452	19289	7.1	inHg	9100921-03	
S3	2019-10-06		0.23	LK, 2	E	87	3.8	passive	ERG	0.0452	N4087	6.5	inHg	9100921-05	
S3	2019-10-12		0.21	2	NW	304	2.2	passive	ERG	0.0452	SAT058	6.8	inHg	9101802-03	
S3	2019-10-18		0.18	LK	E	85	2.3	passive	ERG	0.0452	SAT110	6.0	inHg	9102414-03	
S3	2019-10-24		0.06		E	85	1.8	passive	ERG	0.0452	A21104	6.0	inHg	9103068-03	
S3	2019-11-20		0.33	LK	NW	310	3.2	passive	ERG	0.0452	SAT012	5.9	inHg	9112204-03	
S3	2019-11-23		0.41	LK, 2	WSW	244	4.2	passive	ERG	0.0452	AZ47	6.5	inHg	9112712-03	
S3	2019-11-29		0.25	LK, 2	NW	317	1.3	passive	ERG	0.0452	5045	7.1	inHg	9120611-03	
S3	2019-12-05		0.03	LK, U, 2	WNW	295	2.1	passive	ERG	0.0452	18883	6.2	inHg	9121206-03	
S3	2020-01-10		0.12	LK	ESE	104	5.5	passive	ERG	0.0452	SAT031	1.1	inHg	0011617-03	
S3	2020-01-22		0.61		ENE	78	2.2	passive	ERG	0.0452	SAT033	3.8	inHg	0013009-03	
S3	2020-01-28		0.73	LK, 2	WNW	301	2.5	passive	ERG	0.0452	5046	6.8	inHg	0020525-03	
S3	2020-02-03		0.42		SSW	211	1.9	passive	ERG	0.0452	SAT127	4.3	inHg	0021216-03	
S3	2020-02-09		0.68		ESE	103	3	passive	ERG	0.0452	SAT176	3.2	inHg	0021825-03	
S3	2020-02-15		0.43	LK, 2	E	93	2.4	passive	ERG	0.0452	5072	6.1	inHg	0022612-03	
S3	2020-02-21		0.19	LK	NW	321	2.7	passive	ERG	0.0452	19665	3.8	inHg	0030235-03	
S3	2020-02-27		0.31	LK	WNW	301	5.1	passive	ERG	0.0452	A21095	3.0	inHg	0030605-01	
S3	2020-03-04		0.44	LK, 2	WSW	241	1.6	passive	ERG	0.0515	5044	6.5	inHg	0031136-02	
S3	2020-03-10		0.21	LK	SSW	197	2.1	passive	ERG	0.0515	SAT051	5.1	inHg	0031835-01	
S3	2020-03-28		0.28	2	SW	220	2.8	passive	ERG	0.0515	19647	7.1	inHg	0040817-03	
S3	2020-04-03		0.62	LK, 2	WNW	284	1.7	passive	ERG	0.0515	5022	6.7	inHg	0041003-03	
S3	2020-04-09		0.19	2	WNW	292	5	passive	ERG	0.0515	19282	6.5	inHg	0041620-03	
S3	2020-04-21		0.97	2	WNW	288	4.4	passive	ERG	0.0515	SAT038	5.4	inHg	0050113-03	
S3	2020-04-27		0.42	2	WNW	302	3.5	passive	ERG	0.0515	SAT099	5.1	inHg	0050617-05	

S3	2020-05-03	0.95	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5062	7.9	inHg	0051409-03
S3	2020-05-09	0.47	LK	NW	320	3.6	passive	ERG	0.0515	5085	5.8	inHg	0051505-02
S3	2020-05-15	0.20	2	SE	130	3.2	passive	ERG	0.0515	33554	6.9	inHg	0052846-03
S3	2020-05-21	0.50		E	85	1.7	passive	ERG	0.0515	A21106	5.8	inHg	0052917-04
S3	2020-05-27	0.14		E	90	3.2	passive	ERG	0.0515	2527	5.7	inHg	0060506-03
S3	2020-06-02	0.83	LK, 2	S	185	1.7	passive	ERG	0.0515	5043	6.9	inHg	0061733-03
S3	2020-06-08	0.39	2	ESE	120	4.4	passive	ERG	0.0515	A21055	6.6	inHg	0061733-07
S3	2020-06-14	0.17		ENE	70	1.7	passive	ERG	0.0515	110335	6.0	inHg	0062524-03
S3	2020-06-20	0.18	2	NW	321	1.5	passive	ERG	0.0515	18865	6.9	inHg	0062611-03
S3	2020-06-26	1.55	LK, 2	W	275	3.5	passive	ERG	0.0515	5081	6.4	inHg	0070604-03
S3	2020-07-02	0.76	LK, 2	WNW	301	2.1	passive	ERG	0.0515	SAT110	7.0	inHg	0070929-03
S3	2020-07-08	0.44	2	W	280	1	passive	ERG	0.0515	SAT009	6.1	inHg	0071532-03
S3	2020-07-14	0.27	2	WSW	253	1.3	passive	ERG	0.0515	18864	6.8	inHg	0072413-03
S3	2020-07-20	0.89		WSW	258	1	passive	ERG	0.0515	19291	2.3	inHg	0072930-03
S3	2020-07-26	1.26	LK	NNW	340	0.9	passive	ERG	0.0515	5142	4.1	inHg	0080535-03
S3	2020-08-01	0.59	LK	SW	216	2.9	passive	ERG	0.0515	18872	2.5	inHg	0081226-03
S3	2020-08-07	1.49		NE	50	1.7	passive	ERG	0.0515	SAT014	2.6	inHg	0081932-03
S3	2020-08-13	0.91		ESE	109	1.7	passive	ERG	0.0515	19663	5.9	inHg	0082116-03
S3	2020-08-19	2.46	2	SE	125	1.9	passive	ERG	0.0515	19279	8.1	inHg	0082740-03
S3	2020-08-31	0.35		WSW	238	0.7	passive	ERG	0.0515	18828	1.8	inHg	0090831-03
S3	2020-09-06	0.85		ENE	57	1.7	passive	ERG	0.0515	SAT061	1.3	inHg	0092336-03
S3	2020-09-12	1.67		ESE	105	2.6	passive	ERG	0.0515	SAT056	2.9	inHg	0092336-06
S3	2020-09-18	0.26		NNW	331	2.4	passive	ERG	0.0515	33233	2.5	inHg	0092509-03
S3	2020-09-24	0.47		ESE	104	4.1	passive	ERG	0.0515	A21073	2.6	inHg	0100211-03
S3	2020-09-30	0.83	LK	WNW	283	1.8	passive	ERG	0.0515	5075	4.7	inHg	0100832-03
S3	2020-10-06	0.38		E	87	1.2	passive	ERG	0.0515	A21083	3.2	inHg	0101529-03
S3	2020-10-12	2.51		WNW	283	1.9	passive	ERG	0.0515	35131	4.8	inHg	0102302-03
S3	2020-10-24	0.22	2	N	3	1.1	passive	ERG	0.0515	19666	11.0	inHg	0110518-03
S3	2020-11-05	0.27		E	93	0.8	passive	ERG	0.0515	SAT174	2.9	inHg	0111209-03
S3	2020-11-11	0.52		S	170	1.3	passive	ERG	0.0515	SAT156	5.8	inHg	0112512-03
S3	2020-11-17	0.27		NW	314	4.7	passive	ERG	0.0515	35117	3.3	inHg	0112512-07
S3	2020-11-23	0.06		NW	316	3.5	passive	ERG	0.0515	33309	3.2	inHg	0120410-05
S3	2020-11-29	0.27	LK	ESE	103	2.8	passive	ERG	0.0515	5110	5.1	inHg	0120410-06
S3	2020-12-05	0.24	LK	WNW	291	3.5	passive	ERG	0.0515	SAT158	2.4	inHg	0121638-03
S3	2020-12-11	0.26	LK	SSE	148	1	passive	ERG	0.0515	5086	4.9	inHg	0122325-03
S3	2020-12-17	0.08		WNW	293	4.8	passive	ERG	0.0515	110314	1.9	inHg	0122408-03
S3	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	114340	3.2	inHg	1010627-03
S3	2020-12-29	0.28		E	100	2	passive	ERG	0.0515	SAT076	3.9	inHg	1010523-03

S3	2021-01-04	0.28		SSW	292	1.9	passive	ERG	0.0515	A21047	3.7	inHg	1011515-03	
S3	2021-01-10	0.18		ENE	60	1.5	passive	ERG	0.0515	SAT068	1.5	inHg	1012724-03	
S3	2021-01-16	0.11	LK	W	268	4.4	passive	ERG	0.0515	35118	2.5	inHg	1012724-08	
S3	2021-01-28	0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	35119	2.8	inHg	1020424-03	
S3	2021-02-03	0.00	ND, U	NW	308	4.2	passive	ERG	0.0472	110335	2.3	inHg	1021021-04	
S3	2021-02-09	0.29		ENE	69	1.5	passive	ERG	0.0472	SAT076	3.8	inHg	1021828-04	
S3	2021-02-15	0.50	D-F, 2	E	98	3.7	passive	ERG	0.0472	SAT114	6.8	inHg	1030328-03	
S3	2021-02-15	QA	0.37	D-F, LK	E	98	3.7	passive	ERG	0.0472	SAT150	1.0	inHg	1030328-04
S3	2021-02-21	0.56		ESE	122	4.3	passive	ERG	0.0472	SAT075	5.9	inHg	1030328-08	
S3	2021-02-27	0.75	LK	ESE	107	2.4	passive	ERG	0.0472	AZ38	2.8	inHg	1031120-02	
S3	2021-03-11	0.68	LK	SSW	194	1.6	passive	ERG	0.0472	AZ39	3.7	inHg	1031638-03	
S3	2021-03-17	0.20		ESE	103	3.1	passive	ERG	0.0472	110322	5.2	inHg	1032431-03	
S3	2021-03-23	0.37	LK	ESE	110	4.3	passive	ERG	0.0472	SAT081	3.6	inHg	1040821-03	
S3	2021-03-29	0.09		NNW	343	2.1	passive	ERG	0.0472	18870	4.8	inHg	1041340-02	
S3	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	19643	2.1	inHg	1042219-02	
S3	2021-04-10	0.15		SSE	161	3.8	passive	ERG	0.0472	114386	4.5	inHg	1042219-06	
S3	2021-04-16	0.37		NNW	333	2.2	passive	ERG	0.0472	A21109	4.1	inHg	1042935-04	
S3	2021-04-22	0.09		WNW	290	1.7	passive	ERG	0.0472	33512	2.0	inHg	1050323-01	
S3	2021-04-28	0.17		SSW	204	1.7	passive	ERG	0.0472	110308	5.0	inHg	1051246-05	
S3	2021-05-04	0.14		SSW	200	2.5	passive	ERG	0.0472	114340	4.9	inHg	1051939-04	
S3	2021-05-10	0.33		W	278	3	passive	ERG	0.0472	110305	4.8	inHg	1051939-07	
S3	2021-05-16	0.94		SSW	198	1.2	passive	ERG	0.0472	A21017	4.1	inHg	1060325-04	
S3	2021-05-22	0.99		ENE	69	1.1	passive	ERG	0.0472	A21078	3.7	inHg	1060241-03	
S3	2021-05-28	0.25		SW	232	3.2	passive	ERG	0.0472	19664	4.9	inHg	1060837-03	
S3	2021-06-03	0.87	LK	SSW	212	2.4	passive	ERG	0.0472	A21002	5.20	inHg	1060925-03	
S3	2021-06-15	0.22		NW	310	4	passive	ERG	0.0472	110305	3.90	inHg	1070113-04	
S3	2021-06-27	0.15		SE	126	2.4	passive	ERG	0.0472	18823	4.80	inHg	1072322-03	
S3	2021-07-15	0.23		WSW	252	1.3		ERG	0.0472	114348	5.40	inHg	1072938-04	
S3	2021-07-27	0.24		NE	37	1.5		ERG	0.0472	33498	7.50	inHg	1080604-03	
S3	2021-08-02	0.44		NW	313	1.9		ERG	0.0472	A21053	4.80	inHg	1081308-02	
S3	2021-08-14	0.37	LK	E	101	1.8		ERG	0.0472	SAT030	6.90	inHg	1090124-04	
S3	2021-08-26	0.30		SE	124	1.0		ERG	0.0472	33506	7.10	inHg	1090320-02	
S4	2019-09-24	0.37	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	5117	8.1	inHg	9092733-04	
S4	2019-09-26	0.71	LK, 2	NW	313	1.7	passive	ERG	0.0452	5026	8.1	inHg	9100318-06	
S4	2019-09-30	0.25	LK	N	7	0.9	passive	ERG	0.0452	SAT081	2.1	inHg	9100318-07	
S4	2019-10-03	1.15	LK	WNW	303	0.8	passive	ERG	0.0452	N4120	2.9	inHg	9100921-08	
S4	2019-10-06	0.06		E	87	3.8	passive	ERG	0.0452	A21078	1.9	inHg	9100921-10	
S4	2019-10-12	0.21	LK	NW	304	2.2	passive	ERG	0.0452	5012	1.9	inHg	9101802-04	

S4	2019-10-18		0.15	LK	E	85	2.3	passive	ERG	0.0452	5138	2.0	inHg	9102414-04
S4	2019-10-24		0.00	U, ND	E	85	1.8	passive	ERG	0.0452	19646	2.0	inHg	9103068-04
S4	2019-11-20		0.15	LK	NW	310	3.2	passive	ERG	0.0452	A22329	2.0	inHg	9112204-04
S4	2019-11-23		0.10		WSW	244	4.2	passive	ERG	0.0452	A21108	2.8	inHg	9112712-04
S4	2019-11-29		0.12	LK	NW	317	1.3	passive	ERG	0.0452	5129	3.2	inHg	9120611-04
S4	2019-12-05		0.16	LK, 2	WNW	295	2.1	passive	ERG	0.0452	5044	1.0	inHg	9121206-04
S4	2020-01-04		1.58	2	WNW	285	7.3	passive	ERG	0.0452	A21002	4.1	inHg	0011422-03
S4	2020-01-10		0.55	LK	ESE	104	5.5	passive	ERG	0.0452	SAT087	4.6	inHg	0011617-04
S4	2020-01-16		0.43	LK	NW	311	5.4	passive	ERG	0.0452	SAT157	5.5	inHg	0012315-04
S4	2020-01-22	QA	0.18		ENE	78	2.2	passive	ERG	0.0452	A21025	2.0	inHg	0013009-05
S4	2020-01-22		0.16		ENE	78	2.2	passive	ERG	0.0452	SAT078	2.1	inHg	0013009-04
S4	2020-02-03		0.38		SSW	211	1.9	passive	ERG	0.0452	19664	3.9	inHg	0021216-04
S4	2020-02-09		0.34		ESE	103	3	passive	ERG	0.0452	A21042	2.2	inHg	0021825-04
S4	2020-02-15		0.45		E	93	2.4	passive	ERG	0.0452	A21051	4.0	inHg	0022612-04
S4	2020-02-15	QA	0.42		E	93	2.4	passive	ERG	0.0452	49	2.2	inHg	0022527-01
S4	2020-02-21		0.15	LK	NW	321	2.7	passive	ERG	0.0452	A21011	2.3	inHg	0030235-04
S4	2020-02-27		0.33	LK	WNW	301	5.1	passive	ERG	0.0452	A21067	1.7	inHg	0030536-03
S4	2020-03-04		0.62		WSW	241	1.6	passive	ERG	0.0515	A21094	3.2	inHg	0031013-02
S4	2020-03-10		0.30		SSW	197	2.1	passive	ERG	0.0515	A21040	3.5	inHg	0031722-03
S4	2020-03-28		0.40		SW	220	2.8	passive	ERG	0.0515	A21084	2.3	inHg	0040817-04
S4	2020-03-28	QA	0.36	LK, 2	SW	220	2.8	passive	ERG	0.0515	5080	6.2	inHg	0040817-05
S4	2020-04-03		0.40	LK	WNW	284	1.7	passive	ERG	0.0515	5116	1.2	inHg	0041003-04
S4	2020-04-09		0.68		WNW	292	5	passive	ERG	0.0515	A21017	1.2	inHg	0041620-04
S4	2020-04-21	QA	0.96	2	WNW	288	4.4	passive	ERG	0.0515	SAT182	4.3	inHg	0050113-05
S4	2020-05-03		1.16		WSW	255	2.6	passive	ERG	0.0515	SAT058	2.5	inHg	0051409-04
S4	2020-05-09	QA	0.72		NW	320	3.6	passive	ERG	0.0515	SAT071	1.2	inHg	0051505-04
S4	2020-05-09		0.53	LK	NW	320	3.6	passive	ERG	0.0515	5124	1.0	inHg	0051505-03
S4	2020-05-15		0.29		SE	130	3.2	passive	ERG	0.0515	A21025	1.9	inHg	0052846-04
S4	2020-05-21		0.26		E	85	1.7	passive	ERG	0.0515	A22328	1.0	inHg	0052917-05
S4	2020-06-02		0.90		S	185	1.7	passive	ERG	0.0515	SAT018	1.2	inHg	0061733-04
S4	2020-06-08		0.71	LK	ESE	120	4.4	passive	ERG	0.0515	5106	1.8	inHg	0061733-08
S4	2020-06-20		0.49		NW	321	1.5	passive	ERG	0.0515	A21095	1.4	inHg	0062611-04
S4	2020-06-26		0.78	LK	W	275	3.5	passive	ERG	0.0515	5091	1.0	inHg	0070604-04
S4	2020-07-02		0.85	LK	WNW	301	2.1	passive	ERG	0.0515	A21015	1.2	inHg	0070929-04
S4	2020-07-26		0.53		NNW	340	0.9	passive	ERG	0.0515	49	4.7	inHg	0080535-04
S4	2020-08-01		0.83	LK	SW	216	2.9	passive	ERG	0.0515	5106	5.1	inHg	0081226-04
S4	2020-08-07		0.59	D-F	NE	50	1.7	passive	ERG	0.0515	35131	4.0	inHg	0081932-04
S4	2020-08-13		0.74	2	ESE	109	1.7	passive	ERG	0.0515	A21056	7.8	inHg	0082116-04

S4	2020-08-19		AO	SE	125	1.9	passive	ERG	0.0515	A21069	17.1	inHg	0082740-04
S4	2020-08-25		DA	E	97	1.2	passive	ERG	0.0515	A21084	11.8	inHg	0090237-04
S4	2020-08-31		AA	WSW	238	0.7	passive	ERG	0.0515	A21077	16.8	inHg	0090831-04
S4	2020-09-06		AN	ENE	57	1.7	passive	ERG		SAT173	29.2	inHg	0092336-08
S4	2020-09-18	QA		NNW	331	2.4	passive	ERG	0.0515	44	5.0	inHg	0092509-05
S4	2020-09-24			ESE	104	4.1	passive	ERG	0.0515	A21088	1.0	inHg	0100211-04
S4	2020-09-30		LK	WNW	283	1.8	passive	ERG	0.0515	5093	2.8	inHg	0100832-04
S4	2020-10-06			E	87	1.2	passive	ERG	0.0515	18873	1.9	inHg	0101529-04
S4	2020-10-12		LK	WNW	283	1.9	passive	ERG	0.0515	22325	3.1	inHg	0102302-04
S4	2020-10-18		U, ND	E	94	2.4	passive	ERG	0.0515	114366	1.6	inHg	0102914-04
S4	2020-10-24			N	3	1.1	passive	ERG	0.0515	A21021	5.0	inHg	0110518-04
S4	2020-10-30			NW	310	4.8	passive	ERG	0.0515	A21106	1.6	inHg	0110923-03
S4	2020-10-30	QA		NW	310	4.8	passive	ERG	0.0515	19660	3.5	inHg	0110923-04
S4	2020-11-05			E	93	0.8	passive	ERG	0.0515	A21055	1.3	inHg	0111209-04
S4	2020-11-11		LK	S	170	1.3	passive	ERG	0.0515	SAT023	4.8	inHg	0112512-04
S4	2020-11-23			NW	316	3.5	passive	ERG	0.0515	A21044	1.9	inHg	0120410-07
S4	2020-11-29			ESE	103	2.8	passive	ERG	0.0515	A21074	4.6	inHg	0120410-08
S4	2020-12-05		AL	WNW	291	3.5	passive	ERG		SAT148	26.9	inHg	0121714-01
S4	2020-12-11			SSE	148	1	passive	ERG	0.0515	A21006	2.8	inHg	0122325-04
S4	2020-12-17			WNW	293	4.8	passive	ERG	0.0515	A21058	4.8	inHg	0122408-04
S4	2020-12-23			ESE	114	3.3	passive	ERG	0.0515	35139	2.1	inHg	1010627-04
S4	2020-12-29			E	100	2	passive	ERG	0.0515	114344	2.9	inHg	1010523-04
S4	2021-01-04			SSW	292	1.9	passive	ERG	0.0515	A21050	2.2	inHg	1011515-04
S4	2021-01-16			W	268	4.4	passive	ERG	0.0515	19647	2.1	inHg	1012724-09
S4	2021-01-22		LK	NNW	329	1	passive	ERG	0.0515	5040	2.9	inHg	1020318-04
S4	2021-01-28		ND, U	NW	317	6.6	passive	ERG	0.0515	A21109	2.3	inHg	1020424-04
S4	2021-02-03			NW	308	4.2	passive	ERG	0.0472	110322	1.9	inHg	1021021-05
S4	2021-02-09			ENE	69	1.5	passive	ERG	0.0472	213	2.0	inHg	1021828-05
S4	2021-02-15		D-F	E	98	3.7	passive	ERG	0.0472	SAT145	2.8	inHg	1030328-05
S4	2021-02-27			ESE	107	2.4	passive	ERG	0.0472	A21065	4.1	inHg	1031120-03
S4	2021-03-11			SSW	194	1.6	passive	ERG	0.0472	A21053	5.2	inHg	1031638-04
S4	2021-03-17			ESE	103	3.1	passive	ERG	0.0472	A21101	4.2	inHg	1032431-04
S4	2021-03-23		LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT029	5.0	inHg	1040821-04
S4	2021-03-23	QA	LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT043	4.9	inHg	1040821-05
S4	2021-03-29			NNW	343	2.1	passive	ERG	0.0472	A21098	5.9	inHg	1041340-05
S4	2021-04-04			WNW	291	1.7	passive	ERG	0.0472	18828	3.9	inHg	1042219-03
S4	2021-04-10			SSE	161	3.8	passive	ERG	0.0472	A21108	5.9	inHg	1042219-07
S4	2021-04-16		LK	NNW	333	2.2	passive	ERG	0.0472	A21033	5.2	inHg	1042935-03



S4	2021-04-22	QA	0.50	D-F	WNW	290	1.7	passive	ERG	0.0472	18880	5.8	inHg	1043024-03
S4	2021-04-22		0.32	2, D-F	WNW	290	1.7	passive	ERG	0.0472	111219	6.1	inHg	1050719-01
S4	2021-04-28		0.27	2	SSW	204	1.7	passive	ERG	0.0472	A21026	6.5	inHg	1051246-04
S4	2021-05-04		0.49		SSW	200	2.5	passive	ERG	0.0472	A22304	5.8	inHg	1051939-03
S4	2021-05-10		0.17	2	W	278	3	passive	ERG	0.0472	110258	6.1	inHg	1051939-08
S4	2021-05-16		0.11		SSW	198	1.2	passive	ERG	0.0472	19647	5.8	inHg	1060325-05
S4	2021-05-22		0.11		ENE	69	1.1	passive	ERG	0.0472	19295	5.1	inHg	1060325-06
S4	2021-05-28		0.35	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21005	6.2	inHg	1060925-04
S4	2021-05-28	QA	0.25	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21104	6.3	inHg	1060837-05
S4	2021-06-03		0.12		SSW	212	2.4	passive	ERG	0.0472	A21089	6.30	inHg	1060837-04
S4	2021-06-15		0.15		NW	310	4	passive	ERG	0.0472	110257	5.30	inHg	1070113-05
S4	2021-06-27		0.08		SE	126	2.4	passive	ERG	0.0472	33490	4.70	inHg	1072322-04
S5	2019-09-24		2.04		NW	304	2.5	passive	ERG	0.0452	19300	2.0	inHg	9092730-01
S5	2019-09-30		0.32		N	7	0.9	passive	ERG	0.0452	A21101	2.0	inHg	9100921-01
S6	2019-12-31		0.14	LK	W	275	6.2	passive	ERG	0.0452	5059	1.2	inHg	0010716-04
S6	2020-05-15		0.86	LK	SE	130	3.2	passive	ERG	0.0515	SAT088	3.5	inHg	0052846-05
S6	2020-06-20		0.24	2	NW	321	1.5	passive	ERG	0.0515	18883	8.1	inHg	0062611-05
S6	2020-07-20		0.30		WSW	258	1	passive	ERG	0.0515	19277	1.6	inHg	0072930-05
S6	2020-12-23		0.06		ESE	114	3.3	passive	ERG	0.0515	18874	1.3	inHg	1010722-01
S6	2021-06-27		0.25		SE	126	2.4	passive	ERG	0.0472	33532	8.00	inHg	1072322-05
S6	2021-07-27		0.50	LK	WSW	252	1.3		ERG	0.0472	A21097	8.20	inHg	1080604-05
S6	2021-08-26		0.13		SE	124	1.0		ERG	0.0472	110335	6.10	inHg	1090320-03
S6	2021-09-19		0.26	LK	E	96	1.8		ERG	0.0472	19340	6.80	inHg	1100727-02
S7	2020-01-04			AF	WNW	285	7.3	passive	ERG		SAT176	25.1	inHg	0011422-05
S7	2020-01-22		0.10	U	ENE	78	2.2	passive	ERG	0.0452	18831	1.0	inHg	0012928-01
S7	2020-02-27		0.15	LK	WNW	301	5.1	passive	ERG	0.0452	18884	2.4	inHg	0030605-02
S7	2020-03-28		0.34	2	SW	220	2.8	passive	ERG	0.0515	18876	8.1	inHg	0040817-06
S7	2020-04-27		0.41		WNW	302	3.5	passive	ERG	0.0515	18878	4.8	inHg	0050617-04
S7	2020-05-15		1.46	LK, 2	SE	130	3.2	passive	ERG	0.0515	5075	8.9	inHg	0052846-06
S7	2020-05-27		1.09	LK, 2	E	90	3.2	passive	ERG	0.0515	SAT109	7.1	inHg	0060506-05
S7	2020-09-24		0.37		ESE	104	4.1	passive	ERG	0.0515	SAT179	4.9	inHg	0100211-05
S7	2020-10-30		0.20		NW	310	4.8	passive	ERG	0.0515	A21040	3.5	inHg	0110604-02
S7	2020-11-23		0.09		NW	316	3.5	passive	ERG	0.0515	33503	2.0	inHg	0120410-10
S7	2020-12-23			AN				passive	ERG	0.0515	A21103	29.6	inHg	1010523-05
S7	2021-02-27		0.09		ESE	107	2.4	passive	ERG	0.0472	A21074	1.5	inHg	1031120-04
S7	2021-03-29		0.13	2	NNW	343	2.1	passive	ERG	0.0472	18881	6.1	inHg	1041340-04
S7	2021-04-28		0.49	2	SSW	204	1.7	passive	ERG	0.0472	SAT012	7.0	inHg	1051246-03
S7	2021-05-22		0.24	LK	ENE	69	1.1	passive	ERG	0.0472	33544	5.8	inHg	1060325-07

S7	2021-06-27	0.99		SE	126	2.4	passive	ERG	0.0472	A21105	7.50	inHg	1072322-06	
S7	2021-07-27	1.31		WSW	252	1.3		ERG	0.0472	35135	10.20	inHg	1080604-04	
S7	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	A21010	8.80	inHg	1090320-04	
S7	2021-09-19	0.28	LK	E	96	1.8		ERG	0.0472	33498	6.10	inHg	1100727-03	
South DeKalb	2019-08-13	0.10		SW	225	0.1	ATEC	ERG	0.0452	114308	14	psig	9082209-03	
South DeKalb	2019-08-16	QA	0.20	LK	WNW	288	0.2	ATEC	ERG	0.0452	S/N00012	12	psig	9082209-02
South DeKalb	2019-08-16	0.11		WNW	288	0.2	ATEC	ERG	0.0452	S/N00013	12	psig	9082209-01	
South DeKalb	2019-09-04	0.10		NE	35	0.1	ATEC	ERG	0.0452	110335	8	psig	9091129-01	
South DeKalb	2019-09-19	0.09	2	ESE	105	0.7	passive	ERG	0.0452	18826	11.2	psig	9092560-01	
South DeKalb	2019-09-20	0.16		ESE	107	0.4	ATEC	ERG	0.0452	114369	12	psig	9092609-01	
South DeKalb	2019-09-24	0.35	LK,2	WNW	303	0.2	passive	ERG	0.0452	5004	7.2	inHg	9092728-01	
South DeKalb	2019-09-26	0.33	LK, 2	NW	324	0.1	passive	ERG	0.0452	5063	6.3	inHg	9100319-02	
South DeKalb	2019-09-30	0.24		W	264	0.1	passive	ERG	0.0452	A21046	0.7	inHg	9100319-01	
South DeKalb	2019-10-03	0.29	LK	WNW	297	0.1	passive	ERG	0.0452	SAT099	2.2	inHg	9100923-01	
South DeKalb	2019-10-06	0.14		ENE	78	0.6	passive	ERG	0.0452	SAT158	2.5	inHg	9100923-02	
South DeKalb	2019-10-12	0.33	LK	WNW	286	0.3	passive	ERG	0.0452	A21103	3.0	inHg	9102315-01	
South DeKalb	2019-10-19	0.10		ENE	69	0.8	passive	ERG	0.0452	A21013	2.2	inHg	9102508-01	
South DeKalb	2019-10-30	0.13		SE	127	0.1	passive	ERG	0.0452	A21009	4.6	inHg	9110119-01	
South DeKalb	2019-11-08	0.14		NW	306	0.3	passive	ERG	0.0452	A21025	3.1	inHg	9111413-01	
South DeKalb	2019-11-13	0.13		E	93	0.6	passive	ERG	0.0452	SAT123	1.9	inHg	9111510-01	
South DeKalb	2019-11-15	0.26	LK	N	2	0.1	passive	ERG	0.0452	5133	2.2	inHg	9111924-01	
South DeKalb	2019-11-20	0.75	LK	WNW	298	0.2	passive	ERG	0.0452	5026	3.8	inHg	9120424-01	
South DeKalb	2019-12-05	0.16	LK	WNW	296	0.2	passive	ERG	0.0452	49	3.6	inHg	9121208-01	
South DeKalb	2019-12-08	0.05	LK	E	92	1.5	passive	ERG	0.0452	A21054	4.1	inHg	9121208-02	
South DeKalb	2019-12-11	0.03	U	NW	323	0.4	passive	ERG	0.0452	18864	3.2	inHg	9121842-01	
South DeKalb	2019-12-14	0.22	LK	WNW	288	0.8	passive	ERG	0.0452	SAT075	3.2	inHg	9121842-02	
South DeKalb	2019-12-17	0.15	LK	WNW	292	0.6	passive	ERG	0.0452	5015	5.6	inHg	9122018-01	
South DeKalb	2019-12-31	0.13	LK	WNW	287	1.2	passive	ERG	0.0452	5004	1.4	inHg	0010718-02	
South DeKalb	2020-01-16	0.24	LK	NW	306	0.6	passive	ERG	0.0452	SAT178	5.7	inHg	0012314-01	
South DeKalb	2020-01-22	0.42		E	86	0.4	passive	ERG	0.0452	A21100	2.9	inHg	0020428-01	
South DeKalb	2020-01-28	QA	0.46	LK	WNW	293	0.5	passive	ERG	0.0452	5018	3.3	inHg	0020523-02
South DeKalb	2020-01-28		AN	WNW	293	0.5	passive	ERG		18828	28.9	inHg	0020523-01	
South DeKalb	2020-02-03	0.32		SW	224	0.4	passive	ERG	0.0452	A21058	5.3	inHg	0021217-01	
South DeKalb	2020-02-03	QA	0.27	SW	224	0.4	passive	ERG	0.0452	A21032	2.9	inHg	0021312-01	
South DeKalb	2020-02-09		SC	ESE	104	0.8	passive	ERG	0.0452	A21070	3.2	inHg	0022018-01	
South DeKalb	2020-02-15	0.47	LK	E	97	0.5	passive	ERG	0.0452	SAT164	4.1	inHg	0022424-01	
South DeKalb	2020-02-15	0.08		E	97	0.5	passive	EPD		110327	3.9	inHg	AK41088	
South DeKalb	2020-02-21	0.17		N	357	0.2	passive	ERG	0.0452	18870	3.3	inHg	0022815-01	

South DeKalb	2020-03-04	QA	0.86	LK	NW	319	0.1	passive	ERG	0.0515	SAT137	5.8	inHg	0031323-02
South DeKalb	2020-03-04		0.21		NW	319	0.1	passive	ERG	0.0515	19284	4.7	inHg	0031323-01
South DeKalb	2020-03-10	QA	0.24		SW	215	0.3	ATEC	ERG	0.0515	SAT117	13.2	inHg	0031837-01
South DeKalb	2020-03-10		0.18		SW	215	0.3	passive	EPD		110315	4	inHg	AK42365
South DeKalb	2020-03-16		0.46		E	84	0.9	passive	ERG	0.0515	SAT016	4.5	inHg	0032320-01
South DeKalb	2020-03-22	QA	0.30		E	90	0.8	ATEC	ERG	0.0515	A21101	12.9	psi	0040114-02
South DeKalb	2020-03-22		0.15		E	90	0.8	passive	ERG	0.0515	SAT120	3.3	inHg	0040114-01
South DeKalb	2020-03-28		0.37	2	SW	235	0.6	passive	ERG	0.0515	44	6.2	inHg	0040815-01
South DeKalb	2020-03-28		0.18		SW	235	0.6	passive	EPD		110304	4.00	inHg	AK42362
South DeKalb	2020-04-03		1.00	LK	W	278	0.3	passive	ERG	0.0515	5029	4.9	inHg	0041004-01
South DeKalb	2020-04-09		0.15		WNW	291	1	passive	ERG	0.0515	18873	5.5	inHg	0041708-01
South DeKalb	2020-04-15			AA	NW	306	0.5	ATEC	ERG	0.0515	A21042	27.56		0042221-02
South DeKalb	2020-04-21		0.84	2	WNW	287	0.8	passive	ERG	0.0515	A21071	13.1	inHg	0050115-01
South DeKalb	2020-04-27		0.92	LK, 2	WNW	291	0.5	passive	ERG	0.0515	5121	6.3	inHg	0050618-01
South DeKalb	2020-05-03	QA	0.60	LK	WSW	255	0.4	passive	ERG	0.0515	22325	4.1	inHg	0051325-02
South DeKalb	2020-05-03		0.40	LK, 2	WSW	255	0.4	passive	ERG	0.0515	5102	7.1	inHg	0051325-01
South DeKalb	2020-05-09		0.16	2	WNW	291	0.3	passive	ERG	0.0515	SAT130	4.1	inHg	0051507-01
South DeKalb	2020-05-21		0.20		ESE	111	0.2	passive	ERG	0.0515	A21013	5.0	inHg	0052916-01
South DeKalb	2020-05-27			AO	E	93	0.5	passive	ERG		A21080	18.2	inHg	0060509-01
South DeKalb	2020-05-29		0.21		WNW	291	0.3	passive	EPD		35450	4	inHg	AK46103
South DeKalb	2020-06-02		0.53		S	177	0.2	passive	ERG	0.0515	A21001	1.5	inHg	0061041-01
South DeKalb	2020-06-02	QA	0.14		S	177	0.2	passive	ERG	0.0515	33297	4.0	inHg	0061041-02
South DeKalb	2020-06-08		1.15		ESE	110	0.7	passive	ERG	0.0515	35117	3.0	inHg	0061734-01
South DeKalb	2020-06-08		0.87		ESE	110	0.7	passive	EPD		35007	5	inHg	AK46850
South DeKalb	2020-06-14		0.39	LK	ESE	119	0.1	passive	ERG	0.0515	5119	3.8	inHg	0061906-01
South DeKalb	2020-06-20		0.82		WNW	295	0.2	passive	ERG	0.0515	A21047	2.0	inHg	0070605-01
South DeKalb	2020-06-26		0.60		WNW	289	0.7	passive	ERG	0.0515	A21071	2.9	inHg	0070841-01
South DeKalb	2020-06-26		0.10		WNW	289	0.7	passive	EPD		35457	5	inHg	AK46934
South DeKalb	2020-07-02	QA	0.93	LK	WNW	283	0.1	passive	ERG	0.0515	SAT151	4.9	inHg	0070931-02
South DeKalb	2020-07-02		0.80	LK	WNW	283	0.1	passive	ERG	0.0515	5006	3.7	inHg	0070931-01
South DeKalb	2020-07-08		0.99		SW	233	0.05	passive	EPD		35471	3.90	inHg	AK46936
South DeKalb	2020-07-08		0.82		SW	233	0.05	passive	ERG	0.0515	SAT016	2.1	inHg	0071714-01
South DeKalb	2020-07-14		1.08	LK	W	263	0.1	passive	ERG	0.0515	5104	3.2	inHg	0072415-01
South DeKalb	2020-07-14		0.63		W	263	0.1	passive	EPD		35644	5	inHg	AK49486
South DeKalb	2020-07-20		3.76		WSW	251	0.1	passive	ERG	0.0515	A21050	2.0	inHg	0072932-01
South DeKalb	2020-07-20		0.17		WSW	251	0.1	passive	EPD		35009	2	inHg	AK49485
South DeKalb	2020-07-26		1.19		SW	214	0.1	passive	EPD		35733	1.5	inHg	AK49487
South DeKalb	2020-07-26		0.51		SW	214	0.1	passive	ERG	0.0515	SAT064	2.8	inHg	0080537-01

South DeKalb	2020-08-01	QA	0.46		SSW	211	0.3	passive	ERG	0.0515	A21065	1.5	inHg	0081409-03
South DeKalb	2020-08-07		0.95		SSE	168	0.1	passive	ERG	0.0515	A21098	1.0	inHg	0081409-02
South DeKalb	2020-08-07		0.72		SSE	168	0.1	passive	EPD		35007	1.70	inHg	AK51529
South DeKalb	2020-08-13		2.91	LK	W	272	0.1	passive	ERG	0.0515	SAT077	5.5	inHg	0082119-01
South DeKalb	2020-08-13		0.34		W	272	0.1	passive	EPD		35651	5	inHg	AK55445
South DeKalb	2020-08-19		5.72		SE	129	0.2	passive	EPD		35872	1.5	inHg	AK57040
South DeKalb	2020-08-19		0.74		SE	129	0.2	passive	ERG	0.0515	33503	3.3	inHg	0082741-01
South DeKalb	2020-08-25		1.08		E	85	0.1	passive	EPD		35013	1	inHg	AK51531
South DeKalb	2020-08-25		0.41		E	85	0.1	passive	ERG	0.0515	19660	1.7	inHg	0090240-01
South DeKalb	2020-08-31		0.75		WSW	255	0.1	passive	EPD		35799	2	inHg	AK52474
South DeKalb	2020-09-12		0.62	LK	ESE	103	0.5	passive	ERG	0.0515	5062	4.2	inHg	0092334-01
South DeKalb	2020-09-18	QA	0.33	LK, 2, D-F	WNW	292	0.1	passive	ERG	0.0515	19300	1.1	inHg	0093026-03
South DeKalb	2020-09-24		0.38	LK	E	101	0.6	passive	ERG	0.0515	5072	1.6	inHg	0093026-02
South DeKalb	2020-10-06	QA	0.70	LK, D-F, 2	ESE	108	0.1	passive	ERG	0.0515	5066	6.1	inHg	0101531-02
South DeKalb	2020-10-06		0.53	LK, D-F	ESE	108	0.1	passive	ERG	0.0515	5073	2.3	inHg	0101531-01
South DeKalb	2020-10-06		0.23		ESE	108	0.1	passive	EPD		35792	1	inHg	AK57552
South DeKalb	2020-10-12		1.36		W	281	0.3	passive	EPD		35827	1	inHg	AK57553
South DeKalb	2020-10-12		0.24		W	281	0.3	passive	ERG	0.0515	18876	1.8	inHg	0101606-01
South DeKalb	2020-10-24		0.86		SE	140	0.1	passive	EPD		35457	9	inHg	AK60670
South DeKalb	2020-10-24		0.70	2	SE	140	0.1	passive	ERG	0.0515	A21089	9.5	inHg	0103007-01
South DeKalb	2020-11-05	QA	0.18		ESE	110	0.1	passive	ERG	0.0515	A21015	3.8	inHg	0111825-03
South DeKalb	2020-11-11		0.46	LK	ESE	106	0.1	passive	ERG	0.0515	SAT151	5.0	inHg	0111825-02
South DeKalb	2020-11-11		0.17		ESE	106	0.1	passive	EPD		35009	1.5	inHg	AK62780
South DeKalb	2020-11-17		1.11		NW	307	0.5	passive	EPD		35821	0.4	psi	AK62781
South DeKalb	2020-11-17		0.13		NW	307	0.5	passive	ERG	0.0515	A21025	3.0	inHg	0112514-01
South DeKalb	2020-11-23		0.22	LK	NW	312	0.5	passive	ERG	0.0515	5006	5.5	inHg	0120413-01
South DeKalb	2020-11-23		0.17		NW	312	0.5	passive	EPD		35815	0.4	psi	AK64351
South DeKalb	2020-11-29		0.31	LK	E	89	0.7	passive	ERG	0.0515	5100	5.1	inHg	0121015-01
South DeKalb	2020-12-11	QA	0.22		ESE	118	0.1	passive	ERG	0.0515	35136	4	inHg	0122328-02
South DeKalb	2020-12-11		0.14		ESE	118	0.1	passive	ERG	0.0515	A21036	1.9	inHg	0122328-01
South DeKalb	2020-12-17		0.29	LK	WNW	293	1	passive	ERG	0.0515	22325	1.8	inHg	0123027-01
South DeKalb	2020-12-17		0.09		WNW	293	1	passive	EPD		35872	0.8	psi	AK65737
South DeKalb	2020-12-23		0.24		ESE	109	0.6	passive	EPD		35792	0.8	psi	AK65736
South DeKalb	2020-12-23		0.10		ESE	109	0.6	ATEC	ERG	0.0515	110305	10	psig	1010721-01
South DeKalb	2020-12-23		0.09		ESE	109	0.6	passive	ERG	0.0515	114348	3.8	inHg	1010628-01
South DeKalb	2020-12-29		0.14		E	98	0.2	passive	EPD		35457	3	inHg	AK65735
South DeKalb	2020-12-29		0.09		E	98	0.2	passive	ERG	0.0515	114329	3.9	inHg	1011328-02
South DeKalb	2021-01-04		0.08		WNW	287	0.3	passive	ERG	0.0515	35152	2.1	inHg	1011328-03

South DeKalb	2021-01-10	0.05		SE	130	0.1	passive	EPD		35651	0.6	psi	AK65738	
South DeKalb	2021-01-10		U, ND	SE	130	0.1	ATEC	ERG	0.0515	33309	11.9	psig	1012128-01	
South DeKalb	2021-01-16	0.09		WNW	287	0.8	passive	EPD		86335	1	psi	AK66956	
South DeKalb	2021-01-16	0.05	2	WNW	287	0.8	ATEC	ERG	0.0515	33496	12.4	psig	1012725-02	
South DeKalb	2021-01-22	0.26	LK, 2, 1, 6	W	271	0.3	ATEC	ERG	0.0515	SAT129	12.8	psig	1012902-02	
South DeKalb	2021-01-28	0.26	2, 1, 6	NW	319	1.2	ATEC	ERG	0.0515	SAT025	12.9	psig	1020518-02	
South DeKalb	2021-01-28	0.08		NW	319	1.2	passive	EPD		111205	0.6	psi	AK67640	
South DeKalb	2021-02-09	0.39	LK, 2	ENE	60	0.1	passive	ERG	0.0472	SAT112	6.2	inHg	1021909-03	
South DeKalb	2021-02-15	0.19	1, 6	E	94	0.9	passive	ERG	0.0472	35135	4.9	inHg	1022212-01	
South DeKalb	2021-02-15	0.06		E	94	0.9	passive	EPD		114379	6	inHg	AK68474	
South DeKalb	2021-02-15	0.04	1, 6, VB, U	E	94	0.9	ATEC	ERG	0.0472	2767	12.9	psig	1022212-02	
South DeKalb	2021-02-21	0.57		SE	125	0.8	passive	EPD		SAT092	10.4	psi	AK71360	
South DeKalb	2021-02-21	0.26		SE	125	0.8	passive	EPD		114309	9	inHg	AK68475	
South DeKalb	2021-02-21	0.22	1, 6	SE	125	0.8	ATEC	ERG	0.0472	SAT092	12.8	psig	1030511-02	
South DeKalb	2021-02-21	0.12	1, 6	SE	125	0.8	passive	ERG	0.0472	18828	5.0	inHg	1030511-01	
South DeKalb	2021-02-27	0.50		E	90	0.4	passive	EPD		SAT002	1.5	inHg	AK71361	
South DeKalb	2021-02-27	0.08	1, 6	E	90	0.4	ATEC	ERG	0.0472	33540	13.0	psig	1030511-03	
South DeKalb	2021-03-11	0.30		SSE	162	0.2	passive	EPD		114375	1	inHg	AK69587	
South DeKalb	2021-03-11	QA	0.23	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	SAT101	12.4	psig	1031637-02
South DeKalb	2021-03-11	0.22		SSE	162	0.2	passive	ERG	0.0472	A21006	1.3	inHg	1031637-03	
South DeKalb	2021-03-11	0.17	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	A21056	13.2	psig	1031637-01	
South DeKalb	2021-03-17	0.15		E	100	0.7	passive	EPD		114380	1	inHg	AK69588	
South DeKalb	2021-03-17	0.07	1, 6	E	100	0.7	ATEC	ERG	0.0472	9570	13.2	psig	1032327-02	
South DeKalb	2021-03-23	QA	0.19	2	E	100	0.8	passive	ERG	0.0472	111219	6.2	inHg	1032613-02
South DeKalb	2021-03-23	0.14		E	100	0.8	passive	EPD		114321	4	inHg	AK71208	
South DeKalb	2021-03-23	0.11		E	100	0.8	passive	ERG	0.0472	114366	6	inHg	1032613-01	
South DeKalb	2021-03-29	0.36		E	82	0.1	passive	EPD		114378	4	inHg	AK71209	
South DeKalb	2021-03-29	0.10	1, 6	E	82	0.1	ATEC	ERG	0.0472	SAT061	12.4	psig	1040132-01	
South DeKalb	2021-03-29	0.07		E	82	0.1	passive	ERG	0.0472	114322	3.1	inHg	1040132-02	
South DeKalb	2021-03-31	3.09	LK, 1, 6	WSW	258	0.1	ATEC	ERG	0.0472	A21007	12.6	psig	1040822-01	
South DeKalb	2021-04-04	0.32		W	281	0.3	passive	EPD		114370	0.3	psi	AK71210	
South DeKalb	2021-04-04	QA	0.15		W	281	0.3	passive	ERG	0.0472	33315	5.2	inHg	1040822-03
South DeKalb	2021-04-04	0.09		W	281	0.3	passive	ERG	0.0472	18889	2.5	inHg	1040822-02	
South DeKalb	2021-04-07	QA	0.29	LK, 1, 6	SW	229	0.2	ATEC	ERG	0.0472	SAT057	12.8	psig	1041411-01
South DeKalb	2021-04-07	0.12	1, 6	SW	229	0.2	ATEC	ERG	0.0472	19284	13.4	psig	1041341-01	
South DeKalb	2021-04-10	0.31	LK	SE	143	0.4	passive	ERG	0.0472	SAT073	5.9	inHg	1041341-02	
South DeKalb	2021-04-10	0.19		SE	143	0.4	passive	EPD		114350	6	inHg	AK72185	
South DeKalb	2021-04-10	0.19		SE	143	0.4	passive	EPD		SAT130	10.2	psi	AK74308	

South DeKalb	2021-04-10	0.10	2, 1, 6	SE	143	0.4	ATEC	ERG	0.0472	SAT130	11.6	psig	1041341-03	
South DeKalb	2021-04-16	0.34		S	182	0.1	passive	EPD		114360	5	inHg	AK72184	
South DeKalb	2021-04-16	0.18	1, 6	S	182	0.1	ATEC	ERG	0.0472	SAT020	12.6	psig	1042121-02	
South DeKalb	2021-04-16	0.09		S	182	0.1	passive	ERG	0.0472	9570	3.9	inHg	1042121-01	
South DeKalb	2021-04-22	0.26		WNW	290	0.2	passive	EPD		114309	0.4	psi	AK72186	
South DeKalb	2021-04-22	0.07	1, 6	WNW	290	0.2	ATEC	ERG	0.0472	110322	12.4	psig	1042837-02	
South DeKalb	2021-04-28	0.56	LK, 1, 6, D-F	SSW	192	0.2	ATEC	ERG	0.0472	SAT075	12.7	psig	1050525-02	
South DeKalb	2021-04-28	0.36	LK, D-F	SSW	192	0.2	passive	ERG	0.0472	SAT018	5.9	inHg	1050525-01	
South DeKalb	2021-04-28	0.31		SSW	192	0.2	passive	EPD		111212	6	inHg	AK72188	
South DeKalb	2021-05-04	0.80		SSW	212	0.1	passive	EPD		A21047	9	psi	AK77550	
South DeKalb	2021-05-04	0.68	LK, D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21096	9.00	inHg	1051245-01	
South DeKalb	2021-05-04	0.29	LK, 1, 6	SSW	212	0.1	ATEC	ERG	0.0472	A21047	10	psig	1051245-03	
South DeKalb	2021-05-04	QA	0.27	D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21013	13.5	inHg	1051245-02
South DeKalb	2021-05-10	0.58		W	278	0.4	passive	EPD		33235	7.6	psi	AK77552	
South DeKalb	2021-05-10	0.23		W	278	0.4	passive	EPD		18879	7	inHg	AK77551	
South DeKalb	2021-05-10	0.21		W	278	0.4	passive	ERG	0.0472	18879	5.8	inHg	1051940-01	
South DeKalb	2021-05-10	QA	0.15	1, 6	W	278	0.4	ATEC	ERG	0.0472	18881	12.4	psig	1051940-02
South DeKalb	2021-05-10	0.10	1, 6	W	278	0.4	ATEC	ERG	0.0472	33235	10.2	psig	1051940-03	
South DeKalb	2021-05-16	0.55		SSW	205	0.2	passive	ERG	0.0472	19656	5.5	inHg	1052113-01	
South DeKalb	2021-05-16	0.13	1, 6	SSW	205	0.2	ATEC	ERG	0.0472	19648	9.8	psig	1052014-01	
South DeKalb	2021-05-22	0.62		SE	146	0.1	passive	EPD		101	6	inHg	AK73456	
South DeKalb	2021-05-22	0.26	1, 6	SE	146	0.1	ATEC	ERG	0.0472	18873	9.8	psig	1060326-03	
South DeKalb	2021-05-22	0.17	2	SE	146	0.1	passive	ERG	0.0472	19288	6.2	inHg	1060326-02	
South DeKalb	2021-05-28	0.48	2	SW	234	0.5	passive	ERG	0.0472	33507	7.1	inHg	1060416-01	
South DeKalb	2021-05-28	0.42		SW	234	0.5	passive	EPD		114309	6	inHg	AK75225	
South DeKalb	2021-05-28	0.16	1, 6, 2	SW	234	0.5	ATEC	ERG	0.0472	114366	9.6	psig	1060416-02	
South DeKalb	2021-06-03	0.27		WSW	238	0.1	passive	EPD	0.0288	114384	6	inHg	AK75226	
South DeKalb	2021-06-03	0.21		WSW	238	0.1	passive	ERG	0.0472	110306	6.0	inHg	1060835-01	
South DeKalb	2021-06-03	QA	0.09	WSW	238	0.1	passive	ERG	0.0472	19299	7.80	inHg	1060835-02	
South DeKalb	2021-06-05	QA	0.18	SE	137	0.2	ATEC	ERG	0.0472	110308	9.60	psig	1061035-01	
South DeKalb	2021-06-05	0.15	1, 6	SE	137	0.2	ATEC	ERG	0.0472	19649	13.2	psig	1061035-02	
South DeKalb	2021-06-07	0.23					passive	EPD	0.0288	114360	6.20	inHg	AK75227	
South DeKalb	2021-06-07	0.17					passive	EPD	0.0288	114350	5.5	inHg	AK75228	
South DeKalb	2021-06-09	0.19		SSW	204	0.1	passive	EPD	0.0288	GL065	9	inHg	AK75229	
South DeKalb	2021-06-09	0.17		SSW	204	0.1	passive	ERG	0.0472	18824	2.5	inHg	1061822-01	
South DeKalb	2021-06-09	0.09	1, 6	SSW	204	0.1	ATEC	ERG	0.0472	19658	10	psig	1061822-02	
South DeKalb	2021-06-10	0.23					passive	EPD	0.0288	114377	6.90	inHg	AK76054	
South DeKalb	2021-06-15	0.38		WNW	289	0.4	passive	EPD	0.0288	110343	6.5	inHg	AK75230	

South DeKalb	2021-06-15	0.30		WNW	289	0.4	passive	ERG	0.0472	114340	3	inHg	1062364-01	
South DeKalb	2021-06-15	0.13	1, 6	WNW	289	0.4	ATEC	ERG	0.0472	114344	9.8	psig	1062364-02	
South DeKalb	2021-06-16	0.25					passive	EPD	0.0288	117224	4.00	inHg	AK76057	
South DeKalb	2021-06-16	0.21					passive	EPD	0.0288	114345	6	inHg	AK76056	
South DeKalb	2021-06-21	0.23		SW	235	0.4	passive	ERG	0.0472	114348	3.80	inHg	1062930-02	
South DeKalb	2021-06-21	0.18		SW	235	0.4	passive	EPD	0.0288	111212	6.5	inHg	AK76932	
South DeKalb	2021-06-21	0.08		SW	235	0.4	ATEC	ERG	0.0472	19643	10.00	psig	1062930-01	
South DeKalb	2021-06-22	0.34					passive	EPD	0.0288	114328	3.50	inHg	AK76058	
South DeKalb	2021-06-22	0.19					passive	EPD	0.0288	114311	6	inHg	AK76059	
South DeKalb	2021-06-27	0.28	LK	ESE	120	0.4	passive	ERG	0.0472	A21107	3.10	inHg	1070114-01	
South DeKalb	2021-06-27	0.19		ESE	120	0.4	ATEC	ERG	0.0472	SAT037	9.80	psig	1070114-02	
South DeKalb	2021-06-27	0.14		ESE	120	0.4	passive	EPD	0.0288	114321	6.5	inHg	AK76933	
South DeKalb	2021-06-28	0.34					passive	EPD	0.0288	114378	3.70	inHg	AK76934	
South DeKalb	2021-06-28	0.15					passive	EPD	0.0288	114375	6	inHg	AK76935	
South DeKalb	2021-07-01	0.29					passive	EPD	0.0288	114384	3.90	inHg	AK77722	
South DeKalb	2021-07-01	0.13					passive	EPD	0.0288	114380	7	inHg	AK76937	
South DeKalb	2021-07-03	QA	0.50	D-F, LK	W	272	0.1	passive	ERG	0.0472	A21091	12.20	inHg	1070816-02
South DeKalb	2021-07-03	0.25		D-F	W	272	0.1	passive	ERG	0.0472	A21035	3.20	inHg	1070816-01
South DeKalb	2021-07-03	0.17			W	272	0.1	passive	EPD	0.0288	101	6.5	inHg	AK76936
South DeKalb	2021-07-03	0.14			W	272	0.1	ATEC	ERG	0.0472	18817	9.80	psig	1070816-03
South DeKalb	2021-07-09	0.23			WNW	289	0.3	passive	ERG	0.0472	111211	14.00	inHg	1072323-01
South DeKalb	2021-07-09	0.16			WNW	289	0.3	ATEC	ERG	0.0472	110308	9.60	psig	1072323-03
South DeKalb	2021-07-09	QA	0.08		WNW	289	0.3	ATEC	ERG	0.0472	110335	9.40	psig	1072323-05
South DeKalb	2021-07-15	0.90			WNW	284	0.1	passive	EPD	0.0288	GL065	7.5	inHg	AK77725
South DeKalb	2021-07-15	0.56			WNW	284	0.1	passive	ERG	0.0472	110314	2.00	inHg	1072323-02
South DeKalb	2021-07-15	0.17			WNW	284	0.1	ATEC	ERG	0.0472	110252	9.60	psig	1072323-04
South DeKalb	2021-07-21	0.90			WSW	243	0.1	passive	EPD	0.0288	114360	7.5	inHg	AK77727
South DeKalb	2021-07-21	0.60			WSW	243	0.1	passive	ERG	0.0262	114366	2.80	inHg	1072939-01
South DeKalb	2021-07-21	0.13			WSW	243	0.1	ATEC	ERG	0.0472	19643	10.20	psig	1072939-02
South DeKalb	2021-07-27	0.22			SE	144	0.1	ATEC	ERG	0.0472	35140	10.00	psig	1080437-02
South DeKalb	2021-08-02	QA	0.80	LK	W	266	0.1	passive	ERG	0.0472	SAT068	6.90	inHg	1080605-01
South DeKalb	2021-08-02	0.53			W	266	0.1	passive	EPD	0.0288	110343	6.90	inHg	AK79849
South DeKalb	2021-08-02	0.46		LK	W	266	0.1	passive	ERG	0.0472	A21073	7.10	inHg	1080542-01
South DeKalb	2021-08-02	0.33			W	266	0.1	ATEC	ERG	0.0472	35158	10.00	psig	1080605-02
South DeKalb	2021-08-08	0.59			S	174	0.1	passive	EPD	0.0288	114342	7.50	inHg	AK79850
South DeKalb	2021-08-08	QA	0.40	D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21067	9.60	psig	1081128-03
South DeKalb	2021-08-08	0.31		I-02	S	174	0.1	passive	ERG	0.0472	19668	7.10	inHg	1081128-01
South DeKalb	2021-08-08	0.31		D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21076	9.80	psig	1081128-02

South DeKalb	2021-08-14	1.56	LK	SSW	196	0.1	passive	ERG	0.0472	SAT039	8.20	inHg	1081922-01
South DeKalb	2021-08-14	0.19		SSW	196	0.1	ATEC	ERG	0.0472	114344	9.60	psig	1081922-02
South DeKalb	2021-08-14		AN	SSW	196	0.1	passive	EPD	0.0288	110329	15.70	inHg	AK79851
South DeKalb	2021-08-20	0.67	LK	W	280	0.2	passive	ERG	0.0472	A21051	7.80	inHg	1082708-01
South DeKalb	2021-08-20	0.29		W	280	0.2	ATEC	ERG	0.0472	35134	9.80	psig	1082708-02
South DeKalb	2021-08-20	0.26		W	280	0.2	passive	EPD	0.0288	114321	7.80	inHg	AK82457
South DeKalb	2021-08-26	0.23		SE	137	0.2	ATEC	ERG	0.0472	44	9.40	psig	1090937-01
South DeKalb	2021-08-26	0.21		SE	137	0.2	passive	EPD	0.0288	114375	6.90	inHg	AK82458
South DeKalb	2021-08-26	0.15		SE	137	0.2	passive	ERG	0.0472	110308	8.70	inHg	1090937-03
South DeKalb	2021-09-01	QA	LK	W	281	0.7	passive	ERG	0.0472	A21081	6.00	inHg	1090937-05
South DeKalb	2021-09-01	0.22	LK	W	281	0.7	passive	ERG	0.0472	A21072	7.20	inHg	1090937-04
South DeKalb	2021-09-01	0.19		W	281	0.7	passive	EPD	0.0288	114380	5.50	inHg	AK82459
South DeKalb	2021-09-01	0.12		W	281	0.7	ATEC	ERG	0.0472	111211	9.60	psig	1090937-02
South DeKalb	2021-09-07	0.18		E	94	0.1	ATEC	ERG	0.0472	110305	9.80	psig	1091311-03
South DeKalb	2021-09-07	0.13		E	94	0.1	passive	ERG	0.0472	9570	7.80	inHg	1091311-02
South DeKalb	2021-09-07	QA		E	94	0.1	ATEC	ERG	0.0472	114366	9.40	psig	1091311-01
South DeKalb	2021-09-07		AF	E	94	0.1	passive	EPD	0.0288	114384	27.00	inHg	AK82461
South DeKalb	2021-09-13	0.29		W	278	0.1	passive	EPD	0.0288	110343	7.10	inHg	AK84722
South DeKalb	2021-09-13	0.17		W	278	0.1	passive	ERG	0.0472	114322	5.80	inHg	1092020-01
South DeKalb	2021-09-13	0.16		W	278	0.1	ATEC	ERG	0.0472	114348	9.40	psig	1092020-02
South DeKalb	2021-09-19	1.69		ESE	103	0.2	passive	ERG	0.0472	A21095	10.20	inHg	1092308-01
South DeKalb	2021-09-19	0.39		ESE	103	0.2	ATEC	ERG	0.0472	35135	14.50	inHg	1092308-02
South DeKalb	2021-09-19		AF	ESE	103	0.2	passive	EPD	0.0288	114350	22.00	inHg	AK84717
South DeKalb	2021-09-22	0.25		W	270	0.2	ATEC	ERG	0.0472	19282	14.50	inHg	1092940-02
South DeKalb	2021-09-25	0.33		W	280	0.1	passive	EPD	0.0288	86335	1.50	inHg	AK84718
South DeKalb	2021-09-25	0.21	LK	W	280	0.1	ATEC	ERG	0.0472	SAT061	9.60	psig	1093009-01
South DeKalb	2021-09-25	0.47	LK	W	280	0.1	passive	ERG	0.0472	A21106	7.00	inHg	1092940-01
South DeKalb	2021-10-01	0.41		SE	132	0.1	ATEC	EPD	0.0288	110343	10.60	psig	AK87171
South DeKalb	2021-10-01	0.30		SE	132	0.1	passive	EPD	0.0288	114377	5.90	inHg	AK84720
South DeKalb	2021-10-09	0.31		NW	326	0.0	passive	EPD	0.0288	110327	4.00	inHg	AK87159
South DeKalb	2021-10-09	0.15		NW	326	0.0	passive	ERG	0.0472	110305	5.90	inHg	1101516-01
South DeKalb	2021-10-09	0.11		NW	326	0.0	ATEC	ERG	0.0472	110252	9.20	psig	1101516-02
South DeKalb	2021-10-19	0.39		SSW	193	0.1	passive	EPD	0.0288	GL065	2.90	inHg	AK87161
South DeKalb	2021-10-19	0.14		SSW	193	0.1	ATEC	ERG	0.0472	18818	5.40	psig	1102730-01
South DeKalb	2021-10-19	0.11		SSW	193	0.1	passive	ERG	0.0472	19656	4.80	inHg	1102628-01
South DeKalb	2021-10-21	0.36		SSW	202	0.1	passive	EPD	0.0288	114320	3.00	inHg	AK87160
South DeKalb	2021-10-21	0.17	LK	SSW	202	0.1	passive	ERG	0.0472	SAT062	4.80	inHg	1102730-02
South DeKalb	2021-10-25	0.45	LK	W	259	0.3	ATEC	ERG	0.0472	SAT025	12.40	psig	1110507-01



South DeKalb	2021-10-25		0.29		W	259	0.3	passive	EPD	0.0288	114368	3.00	inHg	AK87162
South DeKalb	2021-10-28		0.39	LK	E	99	0.6	ATEC	ERG	0.0472	A21032	12.80	psig	1110507-05
South DeKalb	2021-10-28	QA	0.22		E	99	0.6	ATEC	ERG	0.0472	A21026	9.80	psig	1110507-04
South DeKalb	2021-10-31		0.39	LK	WNW	286	0.5	ATEC	ERG	0.0472	A21069	12.80	psig	1110507-06
South DeKalb	2021-10-31	QA	0.16		WNW	286	0.5	passive	ERG	0.0472	A21031	4.20	inHg	1110507-02
South DeKalb	2021-10-31		0.14		WNW	286	0.5	passive	ERG	0.0472	A21025	2.90	inHg	1110507-03
South DeKalb	2021-10-31		0.12		WNW	286	0.5	passive	EPD	0.0288	114353	4.00	inHg	AK88029

### Ethylene Oxide Data - Sites C1, C8, C9, and S5 Removed

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Wind Direction	Wind Direction (degrees)	Wind Speed	Sampler Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Final Canister Pressure Units	Sample ID	
C2	2019-10-03		0.60		LK	WNW	300	0.6	passive	ERG	0.0452	N4102	5.1	inHg	9100922-02	
C2	2019-10-06		0.16			E	85	2.3	passive	ERG	0.0452	SAT177	4.8	inHg	9100922-06	
C2	2019-10-12				AF				passive	ERG	0.0452	SAT147	VOID		9101803-04	
C2	2019-10-18		0.47		LK, 2	E	85	1.3	passive	ERG	0.0452	5082	0.0	inHg	9102507-04	
C2	2019-10-24				AF				passive	ERG			Did Not Collect		No sample ID possible	
C2	2019-10-27		0.32		LK, 2	WNW	290	2	passive	ERG	0.0452	5117	7.6	inHg	9103069-02	
C2	2019-10-30		0.33			SE	130	1.2	passive	ERG	0.0452	SAT029	5.1	inHg	9110118-02	
C2	2019-11-01		0.22		LK	NW	320	1.9	passive	ERG	0.0452	SAT135	5.0	inHg	9110553-02	
C2	2019-11-03		0.24		LK	NW	320	0.6	passive	ERG	0.0452	A21096	5.5	inHg	9110716-01	
C2	2019-11-05		0.17		LK	NNE	30	0.6	passive	ERG	0.0452	SAT176	6.0	inHg	9110810-02	
C2	2019-11-08		0.05			NNW	330	1.9	passive	ERG	0.0452	110335	6.0	inHg	9111412-02	
C2	2019-11-13		0.17		LK	E	90	2	passive	ERG	0.0452	5082	5.9	inHg	9111509-01	
C2	2019-11-15		0.25		LK	NE	50	1.3	passive	ERG	0.0452	5069	6.0	inHg	9112026-02	
C2	2019-11-20		1.02		2	NNW	315	1	passive	ERG	0.0452	SAT063	6.1	inHg	9112711-01	
C2	2019-11-23		0.42		2	W	285	1.5	passive	ERG	0.0452	SAT069	15.8	inHg	9112711-02	
C2	2019-11-29		0.44		LK, 2	ENE	75	0.1	passive	ERG	0.0452	AZ43	7.4	inHg	9120610-01	
C2	2019-12-05		0.76		2	NW	315	0.9	passive	ERG	0.0452	2767	6.9	inHg	9121207-01	
C2	2019-12-08		0.19		LK, 2	E	90	3.3	passive	ERG	0.0452	18818	6.1	inHg	9121207-02	
C2	2019-12-11		0.05		LK, 2	NNW	335	2.7	passive	ERG	0.0452	19290	0.0	inHg	9121841-01	
C2	2019-12-14		0.40		LK, 2	WNW	290	2.3	passive	ERG	0.0452	5115	0.0	inHg	9121841-06	
C2	2019-12-17		0.21		2, LK	WNW	300	3.4	passive	ERG	0.0452	5033	0.0	inHg	9122019-01	
C2	2019-12-19		0.21		2	NNE	45	0.8	passive	ERG	0.0452	SAT070	0.0	inHg	0010322-01	
C2	2019-12-23				AN	ENE	70	5.1	passive	ERG		SAT017	0.0	inHg	0010322-05	
C2	2019-12-31		0.29		LK	W	275	2.9	passive	ERG	0.0452	5045	1.0	inHg	0010717-01	
C2	2020-01-04				AF	WNW	290	4.3	passive	ERG		18830	26.8	inHg	0010907-01	
C2	2020-01-07		0.49			WNW	285	2.8	passive	ERG	0.0452	SAT113	1.0	inHg	0011618-01	
C2	2020-01-10		0.37		2, LK	E	80	2.4	passive	ERG	0.0452	SAT050	0.0	inHg	0011423-04	
C2	2020-01-14				AF	NW	320	0.3	passive	ERG		5081	26.2	inHg	0011705-01	
C2	2020-01-16		0.60			E	88	2.8	passive	ERG	0.0452	SAT156	3.5	inHg	0012927-01	
C2	2020-01-19		0.14		LK	NW	310	4.9	passive	ERG	0.0452	SAT138	2.5	inHg	0012317-01	
C2	2020-01-22		0.43		LK	ENE	75	1.7	passive	ERG	0.0452	5024	2.1	inHg	0012927-05	
C2	2020-01-25		0.84		LK	WNW	290	2.6	passive	ERG	0.0452	5132	2.3	inHg	0013008-01	
C2	2020-01-28		1.01		LK	NW	315	1.3	passive	ERG	0.0452	5083	3.5	inHg	0020524-01	
C2	2020-01-30				AA	LK	ENE	75	1.5	passive	ERG	0.0452	5062	3.2	inHg	0020524-05

C2	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	19649	3.2	inHg	0021311-01
C2	2020-02-09	0.70		E	80	1.3	passive	ERG	0.0452	SAT085	1.1	inHg	0021921-01
C2	2020-02-15	0.15		E	92	0.4	passive	ERG	0.0452	18889	3.2	inHg	0022425-01
C2	2020-02-21	0.48	LK	NE	45	0.5	passive	ERG	0.0452	5145	2.5	inHg	0022816-01
C2	2020-02-27	0.41		NW	315	3.8	passive	ERG	0.0452	SAT008	1.6	inHg	0030604-01
C2	2020-03-04	0.32	LK	NE	45	0.1	passive	ERG	0.0515	5100	4.8	inHg	0031012-01
C2	2020-03-10	0.55		SW	240	0.6	passive	ERG	0.0515	SAT108	1.3	inHg	0031836-01
C2	2020-03-16	0.09		E	85	2.8	passive	ERG	0.0515	18874	1.8	inHg	0032321-01
C2	2020-03-22	0.36	LK	ENE	80	2.9	passive	ERG	0.0515	5136	1.6	inHg	0040115-01
C2	2020-03-28	0.53	LK	WSW	245	1.1	passive	ERG	0.0515	5124	5.0	inHg	0040814-03
C2	2020-04-03	0.33		NW	310	0.6	passive	ERG	0.0515	18885	1.8	inHg	0041001-01
C2	2020-04-09	0.63	LK	WNW	290	3.3	passive	ERG	0.0515	5046	4.6	inHg	0041707-01
C2	2020-04-15	0.74	LK	NW	315	2.9	passive	ERG	0.0515	AZ38	1.7	inHg	0042218-01
C2	2020-04-21	1.31	LK, 2	WNW	285	2.2	passive	ERG	0.0515	5089	3.8	inHg	0050114-01
C2	2020-04-27	0.98	2	NW	310	2.2	passive	ERG	0.0515	19656	2.6	inHg	0050615-01
C2	2020-05-03	0.67	LK	W	270	1.2	passive	ERG	0.0515	5045	4.9	inHg	0051324-01
C2	2020-05-09	0.29	LK	NW	310	2.1	passive	ERG	0.0515	5099	3.2	inHg	0051504-01
C2	2020-05-15		BI	SSE	148	0.3	passive	ERG		5141	4.1	inHg	0052848-01
C2	2020-05-21	0.44	LK	NE	58	0.5	passive	ERG	0.0515	5017	2.9	inHg	0052918-03
C2	2020-05-27	0.50		E	80	2.6	passive	ERG	0.0515	SAT160	3.5	inHg	0060508-01
C2	2020-06-02	0.43	LK	SW	238	0.2	passive	ERG	0.0515	5072	3.9	inHg	0061042-01
C2	2020-06-08		BI	ESE	120	1.1	passive	ERG		SAT177	3.9	inHg	0061731-01
C2	2020-06-14	0.51	LK, 2	ENE	70	1.2	passive	ERG	0.0515	SAT023	0.0	inHg	0061908-01
C2	2020-06-20	1.04	LK	NNW	330	0.8	passive	ERG	0.0515	SAT028	3.2	inHg	0070602-01
C2	2020-06-26	1.14	LK	WNW	285	2.2	passive	ERG	0.0515	5033	4.7	inHg	0070840-01
C2	2020-07-02	0.27		NNW	335	1.2	passive	ERG	0.0515	19280	4.2	inHg	0070928-01
C2	2020-07-08	0.82	LK	NE	45	0.6	passive	ERG	0.0515	5128	4.5	inHg	0071703-01
C2	2020-07-14	0.72	LK	NW	320	0.2	passive	ERG	0.0515	SAT035	3.1	inHg	0072412-01
C2	2020-07-20	0.29	2	E	80	0.1	passive	ERG	0.0515	18868	0.0	inHg	0072412-05
C2	2020-07-26	13.86	LK	W	268	0.05	passive	ERG	0.0515	35158	3.1	inHg	0080534-01
C2	2020-08-01	0.20	LK	SW	214	0.5	passive	ERG	0.0515	SAT053	2.1	inHg	0081410-01
C2	2020-08-07	0.19		ENE	60	0.1	passive	ERG	0.0515	33533	1.9	inHg	0081410-05
C2	2020-08-13		AF	S	190	0.1	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-19		AF	ESE	108	0.2	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-25		AF	ENE	67	0.3	passive	ERG				Did Not Collect	No sample ID possible
C2	2020-08-31	0.15		W	278	0.1	passive	ERG	0.0515	19276	2.7	inHg	0090413-01
C2	2020-09-06	0.14		ENE	64	0.2	passive	ERG	0.0515	33554	2.0	inHg	0091711-01
C2	2020-09-12	0.45	LK	E	85	1.8	passive	ERG	0.0515	5014	4.1	inHg	0092335-01

C2	2020-09-18	4.77	LK	NNW	30	0.8	passive	ERG	0.0515	35128	2.7	inHg	0093025-01
C2	2020-09-24	0.28	LK	E	90	1.6	passive	ERG	0.0515	5101	2.1	inHg	0093025-05
C2	2020-09-30	0.27	2	WNW	300	1	passive	ERG	0.0515	18820	0.0	inHg	0100833-01
C2	2020-10-06	0.39		E	85	0.6	passive	ERG	0.0515	SAT080	1.8	inHg	0101528-01
C2	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible
C2	2020-10-18	0.11		ENE	75	2.3	passive	ERG	0.0515	114340	1.0	inHg	0102916-01
C2	2020-10-24	0.39		SSE	165	0.2	passive	ERG	0.0515	111219	2.9	inHg	0103006-01
C2	2020-10-30	0.13		NW	310	4.1	passive	ERG	0.0515	33554	1.6	inHg	0111125-01
C2	2020-11-05	0.21		ENE	65	1	passive	ERG	0.0515	SAT118	1.1	inHg	0111824-01
C2	2020-11-11	0.20		E	80	0.2	passive	ERG	0.0515	18836	2.8	inHg	0111824-05
C2	2020-11-17	0.28	LK	NW	315	3.4	passive	ERG	0.0515	A21069	1.5	inHg	0112513-01
C2	2020-11-23	0.35		NW	315	2.3	passive	ERG	0.0515	SAT152	1.1	inHg	0120411-01
C2	2020-11-29	0.00	VB, U, ND	E	84	0.7	passive	ERG	0.0515	SAT015	3.9	inHg	0121016-01
C2	2020-12-05	0.34	2	WNW	290	3.1	passive	ERG	0.0515	33540	0.0	inHg	0121104-01
C2	2020-12-11	0.15		ESE	115	0.2	passive	ERG	0.0515	18870	2.6	inHg	0122326-01
C2	2020-12-17	0.23	2, LK	WNW	295	3.5	passive	ERG	0.0515	35119	0.0	inHg	0123026-01
C2	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110257	1.8	inHg	1010626-01
C2	2020-12-29	0.18		ENE	75	0.8	passive	ERG	0.0515	114322	2.0	inHg	1011326-02
C2	2021-01-04	0.19		WNW	295	1.2	passive	ERG	0.0515	A21028	1.7	inHg	1011326-06
C2	2021-01-10	0.06		ENE	70	0.5	passive	ERG	0.0515	18824	1.2	inHg	1012127-01
C2	2021-01-16	0.05	VB, U	WNW	285	2.3	passive	ERG	0.0515	19657	1.0	inHg	1012726-01
C2	2021-01-22	0.37	2, LK	WNW	300	0.7	passive	ERG	0.0515	A21056	0.0	inHg	1012903-01
C2	2021-01-28	0.31	LK	NW	315	5.6	passive	ERG	0.0515	A21033	1.8	inHg	1020519-01
C2	2021-02-03	QA	2	NW	310	3.6	passive	ERG	0.0472	110252	0.0	inHg	1021208-02
C2	2021-02-03	0.09	2	NW	310	3.6	passive	ERG	0.0472	110305	1.4	inHg	1021208-01
C2	2021-02-09	0.37		ENE	65	0.6	passive	ERG	0.0472	SAT016	3.3	inHg	1021908-05
C2	2021-02-15	0.08	2	E	85	2.4	passive	ERG	0.0472	19649	10.3	inHg	1022211-01
C2	2021-02-21	0.09		ESE	105	2.1	passive	ERG	0.0472	33240	4.8	inHg	1030510-01
C2	2021-02-27	0.12		ENE	70	1	passive	ERG	0.0472	19294	1.7	inHg	1031121-01
C2	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C2	2021-03-11	0.29		S	185	0.6	passive	ERG	0.0472	18835	2.0	inHg	1031639-01
C2	2021-03-17	0.14		E	85	1.5	passive	ERG	0.0472	110305	2.9	inHg	1032432-01
C2	2021-03-23	0.14		E	80	2.3	passive	ERG	0.0472	111211	2.3	inHg	1040729-01
C2	2021-03-29	0.30		N	0	1.6	passive	ERG	0.0472	A21042	1.9	inHg	1041343-03
C2	2021-04-04	1.07	LK	WNW	285	0.8	passive	ERG	0.0472	SAT165	1.2	inHg	1042215-01
C2	2021-04-10	0.52		SSE	160	1.1	passive	ERG	0.0472	A21012	1.9	inHg	1042215-05
C2	2021-04-16	0.47		NE	45	0.7	passive	ERG	0.0472	A21005	2.0	inHg	1042933-01
C2	2021-04-22	0.12	2	NNW	345	2	passive	ERG	0.0472	18868	0.0	inHg	1043022-01

C2	2021-04-28		0.17		SSW	205	0.4	passive	ERG	0.0472	110335	4.1	inHg	1050523-01
C2	2021-05-04		0.30	LK	W	265	1.2	passive	ERG	0.0472	SAT081	5.4	inHg	1051942-01
C2	2021-05-10		0.69	LK, 2	WNW	290	1.3	passive	ERG	0.0472	A21071	7.2	inHg	1051942-05
C2	2021-05-16		0.45		SW	225	0.4	passive	ERG	0.0472	33533	4.6	inHg	1060323-01
C2	2021-05-22		0.44		ENE	70	0.5	passive	ERG	0.0472	18827	3.9	inHg	1060323-02
C2	2021-05-28		0.23	LK	WSW	245	1.1	passive	ERG	0.0472	18868	4.7	inHg	1060415-01
C2	2021-06-03		0.17		SW	230	0.4	passive	ERG	0.0472	110335	4.90	inHg	1060924-01
C2	2021-06-15		0.23		NW	310	2.4	passive	ERG	0.0472	A21065	5.70	inHg	1070116-01
C2	2021-06-15	QA	0.11		NW	310	2.4	passive	ERG	0.0472	110258	5.80	inHg	1070116-02
C2	2021-06-27		0.27		ESE	120	1	passive	ERG	0.0472	SAT182	4.60	inHg	1072320-01
C2	2021-07-15		0.11		WNW	290	0.4		ERG	0.0472	110322	7.30	inHg	1072936-01
C2	2021-07-15	QA	0.11		WNW	290	0.4		ERG	0.0472	114322	6.80	inHg	1072936-02
C2	2021-07-27		0.96		NW	320	0.5		ERG	0.0472	A21012	8.20	inHg	1080602-01
C2	2021-08-02			AA	N	7	0.5		ERG		35112	0.2	inHg	1081306-01
C2	2021-08-14		2.39	D-F, LK	N	10	0.9		ERG	0.0472	SAT058	5.50	inHg	1090127-02
C2	2021-08-14	QA	0.59	D-F, LK	N	10	0.9		ERG	0.0472	A21032	10.90	inHg	1090127-03
C2	2021-08-26		0.12		ESE	105	0.3		ERG	0.0472	110342	5.10	inHg	1090318-01
C2	2021-09-07	QA	0.24		ENE	62	0.8		ERG	0.0472	110257	7.20	inHg	1091621-02
C2	2021-09-07		0.16		ENE	62	0.8		ERG	0.0472	110322	5.80	inHg	1091621-01
C2	2021-09-19		0.45	LK	E	85	0.2		ERG	0.0472	A21108	5.90	inHg	1100812-01
C2	2021-10-01		0.23		SE	131	0.1		EPD	0.0288	114375	6.70	inHg	AK87168
C2	2021-10-01	QA	0.20		SE	131	0.1		EPD	0.0288	110329	5.10	inHg	AK87167
C2	2021-10-13		0.11		E	99	0.1		EPD	0.0288	114391	5.80	inHg	AK87855
C2	2021-10-31		0.24		WNW	293	0.6		EPD	0.0288	110303	6.20	inHg	AK88024
C3	2019-10-03		0.49		WNW	300	0.6	passive	ERG	0.0452	SAT033	6.0	inHg	9100922-03
C3	2019-10-06		0.17	LK	E	85	2.3	passive	ERG	0.0452	A21069	5.5	inHg	9100922-07
C3	2019-10-12		0.59	2	WNW	290	1	passive	ERG	0.0452	SAT166	6.5	inHg	9101803-02
C3	2019-10-18		0.57		E	85	1.3	passive	ERG	0.0452	SAT084	3.8	inHg	9102507-01
C3	2019-10-24		0.06		E	90	1.6	passive	ERG	0.0452	18869	5.5	inHg	9103069-03
C3	2019-10-27		0.36	LK, 2	WNW	290	2	passive	ERG	0.0452	5069	7.1	inHg	9103069-04
C3	2019-10-30		0.35		SE	130	1.2	passive	ERG	0.0452	18831	5.1	inHg	9110118-03
C3	2019-11-01		0.13		NW	320	1.9	passive	ERG	0.0452	SAT155	3.8	inHg	9110553-03
C3	2019-11-03		0.22		NW	320	0.6	passive	ERG	0.0452	44	5.0	inHg	9110635-02
C3	2019-11-05			AF	NNE	30	0.6	passive	ERG				Did Not Collect	No sample ID possible
C3	2019-11-08		0.37		NNW	330	1.9	passive	ERG	0.0452	SAT161	5.6	inHg	9111412-03
C3	2019-11-13		0.50	LK	E	90	2	passive	ERG	0.0452	5132	5.8	inHg	9111509-02
C3	2019-11-15		0.23		NE	50	1.3	passive	ERG	0.0452	19283	4.4	inHg	9112026-03
C3	2019-11-20		0.58	LK, 2	NNW	315	1	passive	ERG	0.0452	5007	6.8	inHg	9112711-03

C3	2019-11-23	0.29		W	285	1.5	passive	ERG	0.0452	SAT054	5.6	inHg	9112711-04
C3	2019-11-29	0.29	LK	ENE	75	0.1	passive	ERG	0.0452	AZ45	5.6	inHg	9120610-02
C3	2019-12-05	0.48	LK, 2	NW	315	0.9	passive	ERG	0.0452	5100	6.1	inHg	9121207-03
C3	2019-12-08	0.18	LK	E	90	3.3	passive	ERG	0.0452	19663	4.8	inHg	9121207-04
C3	2019-12-11	0.18	LK	NNW	335	2.7	passive	ERG	0.0452	AZ52	4.9	inHg	9121841-02
C3	2019-12-14	0.23	LK	WNW	290	2.3	passive	ERG	0.0452	19293	4.2	inHg	9121841-07
C3	2019-12-17	0.38	LK, 2	WNW	300	3.4	passive	ERG	0.0452	SAT164	7.1	inHg	9122019-02
C3	2019-12-19	0.66	2	NNE	45	0.8	passive	ERG	0.0452	SAT122	0.0	inHg	0010322-02
C3	2019-12-23		AF	ENE	70	5.1	passive	ERG		SAT097	28.0	inHg	0010322-06
C3	2019-12-31	0.09	2	W	275	2.9	passive	ERG	0.0452	SAT177	0.0	inHg	0010717-02
C3	2020-01-04	0.12	2	WNW	290	4.3	passive	ERG	0.0452	19297	0.0	inHg	0010907-02
C3	2020-01-07	0.49	2, LK	WNW	285	2.8	passive	ERG	0.0452	SAT038	0.0	inHg	0011423-01
C3	2020-01-10	0.09		E	80	2.4	passive	ERG	0.0452	18824	2.9	inHg	0011423-05
C3	2020-01-14	0.47	LK, 2	NW	320	0.3	passive	ERG	0.0452	SAT184	14.5	inHg	0011705-02
C3	2020-01-16		AF	NW	320	2.8	passive	ERG	0.0452	A22329	VOID		0012927-02
C3	2020-01-19	0.47	LK, 2	NW	310	4.9	passive	ERG	0.0452	SAT185	0.0	inHg	0012317-02
C3	2020-01-22	0.40	LK, 2	ENE	75	1.7	passive	ERG	0.0452	5108	0.0	inHg	0012927-06
C3	2020-01-25	0.51	LK, 2	WNW	290	2.6	passive	ERG	0.0452	SAT110	0.0	inHg	0013117-01
C3	2020-01-28	0.16		NW	315	1.3	passive	ERG	0.0452	18868	3.4	inHg	0020524-02
C3	2020-01-30	0.17		ENE	75	1.5	passive	ERG	0.0452	19278	4.0	inHg	0021214-01
C3	2020-02-03	0.08		WSW	245	0.6	passive	ERG	0.0452	19647	4.1	inHg	0021311-02
C3	2020-02-09	0.54		E	80	1.3	passive	ERG	0.0452	SAT182	1.8	inHg	0021921-02
C3	2020-02-15	0.29		E	92	0.4	passive	ERG	0.0452	SAT096	2.1	inHg	0022425-02
C3	2020-02-21	0.49		NE	45	0.5	passive	ERG	0.0452	2527	1.2	inHg	0022816-02
C3	2020-02-27	0.18	LK	NW	315	3.8	passive	ERG	0.0452	5103	3.0	inHg	0030604-02
C3	2020-03-04	0.52		NE	45	0.1	passive	ERG	0.0515	SAT107	5.0	inHg	0031012-02
C3	2020-03-10	0.09		SW	240	0.6	passive	ERG	0.0515	19298	2.9	inHg	0031836-02
C3	2020-03-16	0.66		E	85	2.8	passive	ERG	0.0515	SAT013	3.2	inHg	0032321-02
C3	2020-03-22	0.21	2	ENE	80	2.9	passive	ERG	0.0515	19641	2.1	inHg	0040115-02
C3	2020-03-28	0.11		WSW	245	1.1	passive	ERG	0.0515	19649	5.3	inHg	0040814-02
C3	2020-04-03	0.29		NW	310	0.6	passive	ERG	0.0515	18831	3.4	inHg	0041001-02
C3	2020-04-09	0.16		WNW	290	3.3	passive	ERG	0.0515	18824	4.9	inHg	0041707-02
C3	2020-04-15	0.40	LK, 2	NW	315	2.9	passive	ERG	0.0515	5145	0.0	inHg	0042218-02
C3	2020-04-21	0.15	2	WNW	285	2.2	passive	ERG	0.0515	19665	3.6	inHg	0050114-02
C3	2020-04-27	0.45		NW	310	2.2	passive	ERG	0.0515	SAT107	3.8	inHg	0050615-02
C3	2020-05-03	0.28	LK	W	270	1.2	passive	ERG	0.0515	5105	5.9	inHg	0051324-02
C3	2020-05-09	0.24		NW	310	2.1	passive	ERG	0.0515	SAT024	3.6	inHg	0051504-04
C3	2020-05-15	0.85		SSE	148	0.3	passive	ERG	0.0515	SAT158	4.1	inHg	0052918-02

C3	2020-05-21	0.15		NE	58	0.5	passive	ERG	0.0515	18836	3.6	inHg	0052918-04
C3	2020-05-27	0.40	LK	E	80	2.6	passive	ERG	0.0515	5015	5.1	inHg	0060508-02
C3	2020-06-02	0.50	LK	SW	238	0.2	passive	ERG	0.0515	5137	5.1	inHg	0061042-02
C3	2020-06-08	0.57	LK	ESE	120	1.1	passive	ERG	0.0515	5115	5.3	inHg	0061731-02
C3	2020-06-14	0.50		ENE	70	1.2	passive	ERG	0.0515	SAT123	4.8	inHg	0061908-02
C3	2020-06-20	1.07		NNW	330	0.8	passive	ERG	0.0515	SAT114	4.9	inHg	0070602-02
C3	2020-06-26	1.04	LK	WNW	285	2.2	passive	ERG	0.0515	5013	5.8	inHg	0070840-02
C3	2020-07-02	0.27	LK, 2	NNW	335	1.2	passive	ERG	0.0515	5141	6.1	inHg	0070928-02
C3	2020-07-08	0.75	LK	NE	45	0.6	passive	ERG	0.0515	5083	5.8	inHg	0071703-03
C3	2020-07-14	0.52		NW	320	0.2	passive	ERG	0.0515	SAT096	4.9	inHg	0072412-02
C3	2020-07-20	1.09	LK, 2	E	80	0.1	passive	ERG	0.0515	SAT026	0.0	inHg	0072725-01
C3	2020-07-26	0.53		W	268	0.05	passive	ERG	0.0515	SAT015	2.9	inHg	0080534-02
C3	2020-08-01	0.35	LK	SW	214	0.5	passive	ERG	0.0515	SAT149	3.1	inHg	0081410-02
C3	2020-08-07	0.38		ENE	60	0.1	passive	ERG	0.0515	SAT100	2.0	inHg	0081325-01
C3	2020-08-13		AF	S	190	0.1	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-19		AF	ESE	108	0.2	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-25		AF	ENE	67	0.3	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-08-31	0.30	2	W	278	0.1	passive	ERG	0.0515	A21026	0.0	inHg	0090413-02
C3	2020-09-06	0.17		ENE	64	0.2	passive	ERG	0.0515	19298	1.9	inHg	0091631-01
C3	2020-09-12	1.05	LK	E	85	1.8	passive	ERG	0.0515	5124	4.0	inHg	0092335-02
C3	2020-09-18	0.63		NNW	30	0.8	passive	ERG	0.0515	SAT075	1.9	inHg	0093025-02
C3	2020-09-24	0.13	2	E	90	1.6	passive	ERG	0.0515	19657	0.0	inHg	0093025-06
C3	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	18869	1.0	inHg	0100833-02
C3	2020-10-06	1.08	LK	E	85	0.6	passive	ERG	0.0515	5027	2.3	inHg	0101528-02
C3	2020-10-12		AF	WNW	285	0.6	passive	ERG			Did Not Collect		No sample ID possible
C3	2020-10-18	0.10	2	ENE	75	2.3	passive	ERG	0.0515	AQL0397	0.0	inHg	0102916-02
C3	2020-10-24	0.26		SSE	165	0.2	passive	ERG	0.0515	114336	2.3	inHg	0103006-02
C3	2020-10-30	0.44	2	NW	310	4.1	passive	ERG	0.0515	A21081	0.0	inHg	0111125-02
C3	2020-11-05	0.41	2, LK	ENE	65	1	passive	ERG	0.0515	SAT150	0.0	inHg	0111824-02
C3	2020-11-11	0.13		E	80	0.2	passive	ERG	0.0515	18880	1.8	inHg	0111824-06
C3	2020-11-17	0.08	2	NW	315	3.4	passive	ERG	0.0515	2767	0.0	inHg	0112513-02
C3	2020-11-23	0.35	2, LK	NW	315	2.3	passive	ERG	0.0515	5089	0.0	inHg	0120411-02
C3	2020-11-29	0.39		E	84	0.7	passive	ERG	0.0515	SAT016	1.1	inHg	0121016-02
C3	2020-12-05	0.36	LK	WNW	290	3.1	passive	ERG	0.0515	5106	1.4	inHg	0121104-02
C3	2020-12-11	0.21	LK	ESE	115	0.2	passive	ERG	0.0515	5072	2.8	inHg	0122326-02
C3	2020-12-17	0.12	2	WNW	295	3.5	passive	ERG	0.0515	35160	0.0	inHg	0123026-02
C3	2020-12-23	0.10		E	92	1.7	passive	ERG	0.0515	110258	1.3	inHg	01010626-02
C3	2020-12-29	0.73		ENE	75	0.8	passive	ERG	0.0515	SAT099	2.3	inHg	01011326-03

C3	2021-01-04	0.11		WNW	295	1.2	passive	ERG	0.0515	18880	1.7	inHg	1011326-07
C3	2021-01-10	0.31	2	ENE	70	0.5	passive	ERG	0.0515	SAT173	0.0	inHg	1012127-02
C3	2021-01-16	0.33	LK	WNW	285	2.3	passive	ERG	0.0515	AZ37	1.6	inHg	1012726-03
C3	2021-01-22	0.70		WNW	300	0.7	passive	ERG	0.0515	SAT013	1.1	inHg	1012903-02
C3	2021-01-28	0.19		NW	315	5.6	passive	ERG	0.0515	44	1.8	inHg	1020519-02
C3	2021-02-03	0.00	ND, U	NW	310	3.6	passive	ERG	0.0472	110258	1.5	inHg	1021208-03
C3	2021-02-09	QA	0.40	ENE	65	0.6	passive	ERG	0.0472	SAT097	2.1	inHg	1021908-02
C3	2021-02-09	0.16		ENE	65	0.6	passive	ERG	0.0472	SAT117	3.1	inHg	1021908-01
C3	2021-02-15		BI	E	85	2.4	passive	ERG	0.0472	SAT020	2.5	inHg	1022211-02
C3	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	18876	2.0	inHg	1030510-02
C3	2021-02-27	0.20		ENE	70	1	passive	ERG	0.0472	SAT151	1.3	inHg	1031121-02
C3	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C3	2021-03-11	0.15		S	185	0.6	passive	ERG	0.0472	19279	3.9	inHg	1031639-02
C3	2021-03-17	0.10		E	85	1.5	passive	ERG	0.0472	114344	3.2	inHg	1032432-02
C3	2021-03-23	0.35	LK	E	80	2.3	passive	ERG	0.0472	A21047	2.3	inHg	1040824-01
C3	2021-03-29	0.08		N	0	1.6	passive	ERG	0.0472	19646	2.4	inHg	1041343-05
C3	2021-04-04	2.04	2	WNW	285	0.8	passive	ERG	0.0472	18825	0.0	inHg	1042215-02
C3	2021-04-10	0.12	2	SSE	160	1.1	passive	ERG	0.0472	110258	10.1	inHg	1042215-06
C3	2021-04-16	0.27	LK, 2	NE	45	0.7	passive	ERG	0.0472	SAT157	6.9	inHg	1042933-02
C3	2021-04-22		AA	NNW	345	2	passive	ERG		19650	VOID		1050321-01
C3	2021-04-28	0.11		SSW	205	0.4	passive	ERG	0.0472	110306	4.9	inHg	1050523-02
C3	2021-05-04	0.11		W	265	1.2	passive	ERG	0.0472	110257	4.7	inHg	1051942-02
C3	2021-05-10	0.19		WNW	290	1.3	passive	ERG	0.0472	33534	4.2	inHg	1051942-06
C3	2021-05-16	0.81		SW	225	0.4	passive	ERG	0.0472	A21000	4.2	inHg	1060323-03
C3	2021-05-22	1.95	LK	ENE	70	0.5	passive	ERG	0.0472	SAT088	3.0	inHg	1060323-04
C3	2021-05-28	0.14	LK	WSW	245	1.1	passive	ERG	0.0472	33266	5.1	inHg	1060415-02
C3	2021-06-03	0.19		SW	230	0.4	passive	ERG	0.0472	18831	5.20	inHg	1060924-02
C3	2021-06-15	0.12		NW	310	2.4	passive	ERG	0.0472	19653	4.80	inHg	1070116-03
C3	2021-06-27	0.64	LK	ESE	120	1	passive	ERG	0.0472	A22329	3.40	inHg	1072320-02
C3	2021-07-15	0.23		WNW	290	0.4		ERG	0.0472	18876	8.10	inHg	1072936-03
C3	2021-07-27	0.46		NW	320	0.5		ERG	0.0472	35160	9.10	inHg	1080602-02
C3	2021-08-02	0.12		N	7	0.5		ERG	0.0472	19283	5.90	inHg	1081306-02
C3	2021-08-14	0.23		N	10	0.9		ERG	0.0472	A21074	4.90	inHg	1090127-04
C3	2021-08-26	0.52		ESE	105	0.3		ERG	0.0472	A21058	5.10	inHg	1090318-02
C4	2019-10-03	1.88		WNW	300	0.6	passive	ERG	0.0452	18869	5.1	inHg	9100922-04
C4	2019-10-06	1.65	LK	E	85	2.3	passive	ERG	0.0452	N4088	4.8	inHg	9100922-08
C4	2019-10-12	0.00	U, ND	WNW	290	1	passive	ERG	0.0452	SAT016	2.9	inHg	9101803-03
C4	2019-10-18	0.76		E	85	1.3	passive	ERG	0.0452	SAT106	3.5	inHg	9102507-03



C4	2019-10-24		2.19		ENE	90	1.6	passive	ERG	0.0452	A21036	4.1	inHg	9103069-05
C4	2019-10-27		0.19		WNW	290	2	passive	ERG	0.0452	A21077	5.1	inHg	9103069-06
C4	2019-10-30		0.33		SE	130	1.2	passive	ERG	0.0452	18833	4.9	inHg	9110118-04
C4	2019-10-30	QA	0.17	2	SE	130	1.2	passive	ERG	0.0452	18865	7.0	inHg	9110118-05
C4	2019-11-01		0.06		NW	320	1.9	passive	ERG	0.0452	19642	2.0	inHg	9110553-04
C4	2019-11-03		0.18		NW	320	0.6	passive	ERG	0.0452	A21101	2.6	inHg	9110635-03
C4	2019-11-05		0.18		NNE	30	0.6	passive	ERG	0.0452	SAT074	3.0	inHg	9110810-03
C4	2019-11-08		0.16		NNW	330	1.9	passive	ERG	0.0452	SAT138	3.9	inHg	9111412-04
C4	2019-11-13			AR	E	90	2	passive	ERG		SAT039	0.0	inHg	9111509-04
C4	2019-11-15		0.15	2	NE	50	1.3	passive	ERG	0.0452	18877	0.0	inHg	9112026-04
C4	2019-11-20		1.00		NNW	315	1	passive	ERG	0.0452	SAT091	3.4	inHg	9112711-05
C4	2019-11-23		0.48	2	W	285	1.5	passive	ERG	0.0452	19649	12.2	inHg	9112711-06
C4	2019-11-29			AN	ENE	75	0.1	passive	ERG		5079	29.3	inHg	9120610-03
C4	2019-11-29			AN	ENE	75	0.1	passive			SAT039			9120610-03
C4	2019-11-29			AN	ENE	75	0.1	passive	ERG		5079	VOID		9120610-03-REVIEW
C4	2019-12-05		0.91	LK, 2	NW	315	0.9	passive	ERG	0.0452	SAT089	0.0	inHg	9121207-05
C4	2019-12-08		0.55	2	E	90	3.3	passive	ERG	0.0452	SAT039	0.0	inHg	9121207-06
C4	2019-12-11		0.31	2	NNW	335	2.7	passive	ERG	0.0452	A21039	0.0	inHg	9121841-03
C4	2019-12-11	QA	0.17	2	NNW	335	2.7	passive	ERG	0.0452	A21055	0.0	inHg	9121841-04
C4	2019-12-14		0.20	LK, 2	WNW	290	2.3	passive	ERG	0.0452	5137	0.0	inHg	9121841-08
C4	2019-12-17		0.19	LK, 2	WNW	300	3.4	passive	ERG	0.0452	SAT012	0.0	inHg	9122019-03
C4	2019-12-19		0.28	2	NNE	45	0.8	passive	ERG	0.0452	SAT166	0.0	inHg	0010322-03
C4	2019-12-23			AN	ENE	70	5.1	passive	ERG		A21076	0.0	inHg	0010322-07
C4	2019-12-31		0.13	2	W	275	2.9	passive	ERG	0.0452	SAT170	0.0	inHg	0010717-03
C4	2020-01-04		0.25	2	WNW	290	4.3	passive	ERG	0.0452	A21005	0.0	inHg	0010907-03
C4	2020-01-07		0.18	2, LK	WNW	285	2.8	passive	ERG	0.0452	SAT018	0.0	inHg	0011423-02
C4	2020-01-10		0.66		E	80	2.4	passive	ERG	0.0452	SAT011	2.1	inHg	0011423-06
C4	2020-01-14			AF	NW	320	0.3	passive	ERG		18822	25.1	inHg	0011705-03
C4	2020-01-16			AF	NW	320	2.8	passive	ERG		18832	VOID		0012927-03
C4	2020-01-19		0.33	2, LK	NW	310	4.9	passive	ERG	0.0452	A21067	0.0	inHg	0012317-03
C4	2020-01-22	QA	1.01	2	ENE	75	1.7	passive	ERG	0.0452	SAT020	0.0	inHg	0012927-08
C4	2020-01-22		0.78	2	ENE	75	1.7	passive	ERG	0.0452	19656	6.8	inHg	0012927-07
C4	2020-01-25			AA	WNW	290	2.6	passive	ERG	0.0452	18879	6.9	inHg	0013117-02
C4	2020-01-28		0.55	2	NW	315	1.3	passive	ERG	0.0452	SAT081	7.8	inHg	0020524-03
C4	2020-01-30		0.61	2	ENE	75	1.5	passive	ERG	0.0452	A21102	8.4	inHg	0020524-06
C4	2020-02-03		0.17	2	WSW	245	0.6	passive	ERG	0.0452	33535	8.2	inHg	0021311-03
C4	2020-02-09		0.97	2	E	80	1.3	passive	ERG	0.0452	SAT140	6.2	inHg	0021921-03
C4	2020-02-15		0.85	LK, 2	E	92	0.4	passive	ERG	0.0452	5089	0.0	inHg	0022425-03

C4	2020-02-15	QA	0.82		E	92	0.4	passive	ERG	0.0452	SAT036	2.0	inHg	0022108-01
C4	2020-02-21		0.71	LK, 2	NE	45	0.5	passive	ERG	0.0452	5101	0.0	inHg	0022816-03
C4	2020-02-27		0.16	2, LK	NW	315	3.8	passive	ERG	0.0452	A21036	7.8	inHg	0030604-03
C4	2020-03-04		0.65	LK, 2	NE	45	0.1	passive	ERG	0.0515	5006	9.6	inHg	0031012-03
C4	2020-03-10		0.38	LK, 2	SW	240	1.4	passive	ERG	0.0515	SAT035	7.8	inHg	0031836-03
C4	2020-03-16		1.04	2	ENE	85	6.1	passive	ERG	0.0515	A21103	7.8	inHg	0032321-03
C4	2020-03-22		1.02	LK, 2	ENE	80	2.8	passive	ERG	0.0515	5114	8.1	inHg	0040115-03
C4	2020-03-22	QA	0.79		ENE	80	2.8	passive	ERG	0.0515	A22330	1.2	inHg	0040115-04
C4	2020-03-28		0.44	2	WSW	245	1.1	passive	ERG	0.0515	SAT155	9.8	inHg	0040814-05
C4	2020-04-03		0.17	2	NW	310	0.6	passive	ERG	0.0515	19279	8.2	inHg	0041001-03
C4	2020-04-09		0.56	2	WNW	290	3.3	passive	ERG	0.0515	SAT114	9.5	inHg	0041707-03
C4	2020-04-09	QA	0.33		WNW	290	3.3	passive	ERG	0.0515	SAT144	3.6	inHg	0041707-04
C4	2020-04-15		0.29	2	NW	315	2.9	passive	ERG	0.0515	SAT089	7.8	inHg	0042218-03
C4	2020-04-21		0.68	2	WNW	285	2.2	passive	ERG	0.0515	A21067	8.1	inHg	0050114-03
C4	2020-04-21	QA	0.44	2	WNW	285	2.2	passive	ERG	0.0515	49	1.6	inHg	0050114-04
C4	2020-04-27		0.09	6, 2	NW	310	2.2	passive	ERG	0.0515	19648	8.2	inHg	0050615-03
C4	2020-05-03			AA	W	270	1.2	passive	ERG	0.0515	19663	9.7	inHg	0051324-03
C4	2020-05-09	QA	0.71	2	NW	310	2.1	passive	ERG	0.0515	A22304	0.0	inHg	0051504-05
C4	2020-05-09			AA	NW	310	2.1	passive	ERG	0.0515	A21069	VOID		0051504-02
C4	2020-05-15			AA	SSE	148	0.3	passive	ERG	0.0515	18828	8.7	inHg	0052848-02
C4	2020-05-21			AN	NE	58	0.5	passive	ERG		SAT009	19.8	inHg	0052918-05
C4	2020-05-27		0.26	2	E	80	2.6	passive	ERG	0.0515	19340	8.9	inHg	0060508-03
C4	2020-06-02		0.89	2	SW	238	0.2	passive	ERG	0.0515	SAT127	8.8	inHg	0061042-03
C4	2020-06-08	QA	0.35	2	ESE	120	1.1	passive	ERG	0.0515	SAT171	7.9	inHg	0061731-04
C4	2020-06-08		0.20	2	ESE	120	1.1	passive	ERG	0.0515	18872	9.2	inHg	0061731-03
C4	2020-06-14		0.87	2	ENE	70	1.2	passive	ERG	0.0515	SAT012	9.0	inHg	0061908-03
C4	2020-06-20		0.73	2	NNW	330	0.8	passive	ERG	0.0515	35131	9.0	inHg	0070602-03
C4	2020-06-26		0.35	LK, 2	WNW	285	2.2	passive	ERG	0.0515	5094	9.9	inHg	0070840-03
C4	2020-07-02		0.24	2	NNW	335	1.2	passive	ERG	0.0515	18833	9.5	inHg	0070928-03
C4	2020-07-08		1.44	2	NE	45	0.6	passive	ERG	0.0515	SAT170	9.1	inHg	0071703-02
C4	2020-07-08	QA	0.15	2	NE	45	0.6	passive	ERG	0.0515	19645	7.0	inHg	0071703-05
C4	2020-07-14		0.21	2	NW	320	0.2	passive	ERG	0.0515	19646	8.9	inHg	0072412-03
C4	2020-07-20		0.39	2	E	80	0.1	passive	ERG	0.0515	33314	0.0	inHg	0072412-06
C4	2020-07-26		1.51		W	268	0.05	passive	ERG	0.0515	A21086	2.0	inHg	0080534-03
C4	2020-08-01		0.99	LK	SW	214	0.5	passive	ERG	0.0515	5009	5.4	inHg	0081410-03
C4	2020-08-07		0.64	D-F	ENE	60	0.1	passive	ERG	0.0515	SAT004	3.9	inHg	0081410-06
C4	2020-08-07	QA	0.29	D-F	ENE	60	0.1	passive	ERG	0.0515	19641	3.1	inHg	0081325-02
C4	2020-08-13		0.17		S	190	0.1	passive	ERG	0.0515	33236	4.0	inHg	0082118-01

C4	2020-08-19		AN	ESE	108	0.2	passive	ERG		SAT181	29.7	inHg	0082742-01		
C4	2020-08-25	0.55	LK	ENE	67	0.3	passive	ERG	0.0515	5045	4.1	inHg	0090239-01		
C4	2020-08-31	0.51		W	278	0.1	passive	ERG	0.0515	A22328	3.9	inHg	0090413-03		
C4	2020-09-06	0.71	2	ENE	64	0.2	passive	ERG	0.0515	A21106	0.0	inHg	0091631-02		
C4	2020-09-12	QA	2.69	D-F, LK	E	85	1.8	passive	ERG	0.0515	SAT150	2.6	inHg	0092335-05	
C4	2020-09-12	0.99		LK, D-F	E	85	1.8	passive	ERG	0.0515	5079	5.9	inHg	0092335-03	
C4	2020-09-18	0.26		NNW	30	0.8	passive	ERG	0.0515	A21039	3.9	inHg	0093025-03		
C4	2020-09-24	0.20		E	90	1.6	passive	ERG	0.0515	A21074	3.2	inHg	0093025-07		
C4	2020-09-30	0.14		WNW	300	1	passive	ERG	0.0515	2527	2.9	inHg	0100833-03		
C4	2020-10-06	0.76	LK	E	85	0.6	passive	ERG	0.0515	5065	3.9	inHg	0101528-03		
C4	2020-10-12	0.18		WNW	285	0.6	passive	ERG	0.0515	19648	3.0	inHg	0101605-01		
C4	2020-10-18	0.28		ENE	75	2.3	passive	ERG	0.0515	114322	2.0	inHg	0102916-03		
C4	2020-10-24	QA	0.95	D-F	SSE	165	0.2	passive	ERG	0.0515	114386	5.8	inHg	0103006-04	
C4	2020-10-24	0.66		D-F	SSE	165	0.2	passive	ERG	0.0515	19298	3.5	inHg	0103006-03	
C4	2020-10-30	0.20		NW	310	4.1	passive	ERG	0.0515	A21080	1.6	inHg	0111125-03		
C4	2020-11-05	0.83	LK	ENE	65	1	passive	ERG	0.0515	SAT088	1.9	inHg	0111824-03		
C4	2020-11-11	0.29		E	80	0.2	passive	ERG	0.0515	18864	3.2	inHg	0111824-07		
C4	2020-11-17	0.30	2	NW	315	3.4	passive	ERG	0.0515	A21099	0.0	inHg	0112513-03		
C4	2020-11-17	QA	0.15		NW	315	3.4	passive	ERG	0.0515	35156	3.8	inHg	0112513-05	
C4	2020-11-23	0.20	LK	NW	315	2.3	passive	ERG	0.0515	5085	2.6	inHg	0120411-03		
C4	2020-11-29	0.45	LK	E	84	0.7	passive	ERG	0.0515	5136	3.9	inHg	0121016-03		
C4	2020-12-05	0.25	2, LK	WNW	290	3.1	passive	ERG	0.0515	5051	0.0	inHg	0121104-03		
C4	2020-12-11		AN	ESE	115	0.2	passive	ERG		19295	19.5	inHg	0122326-03		
C4	2020-12-17	QA	0.09	2	WNW	295	3.5	passive	ERG	0.0515	111217	2.9	inHg	0123026-04	
C4	2020-12-17	0.06		2	WNW	295	3.5	passive	ERG	0.0515	19291	0.0	inHg	0123026-03	
C4	2020-12-23		AA	E	92	1.7	passive	ERG	0.0515	110335	VOID		1010626-03		
C4	2020-12-29		AF	ENE	75	0.8	passive	ERG		110342	29.2	inHg	1011326-04		
C4	2021-01-04	0.08		WNW	295	1.2	passive	ERG	0.0515	33232	3.8	inHg	1011326-08		
C4	2021-01-10	QA	0.05		ENE	70	0.5	passive	ERG	0.0515	18882	4.2	inHg	1012127-04	
C4	2021-01-10		BI	ENE	70	0.5	passive	ERG		SAT181	VOID		1012127-03		
C4	2021-01-16	0.28		WNW	285	2.3	passive	ERG	0.0515	SAT177	3.0	inHg	1012726-02		
C4	2021-01-22	0.63		WNW	300	0.7	passive	ERG	0.0515	SAT012	3.1	inHg	1012903-03		
C4	2021-01-28		AA	LK	NW	315	5.6	passive	ERG	0.0515	5110	VOID	1020519-03		
C4	2021-02-03		AA		NW	310	3.6	passive	ERG	0.0472	111219	VOID	1021208-04		
C4	2021-02-09	0.14		ENE	65	0.6	passive	ERG	0.0472	110306	6.0	inHg	1021908-03		
C4	2021-02-15	0.58		D-F, LK	E	85	2.4	passive	ERG	0.0472	SAT073	5.1	inHg	1022211-03	
C4	2021-02-15	QA	0.33		D-F, LK	E	85	2.4	passive	ERG	0.0472	A21086	1.9	inHg	1022211-04
C4	2021-02-21	0.40		ESE	105	2.1	passive	ERG	0.0472	A21078	4.5	inHg	1030510-03		

C4	2021-02-27	0.21		ENE	70	1	passive	ERG	0.0472	18831	4.1	inHg	1031121-03	
C4	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible	
C4	2021-03-11	0.73	LK	S	185	0.6	passive	ERG	0.0472	SAT127	4.7	inHg	1031639-03	
C4	2021-03-17	0.20		E	85	1.5	passive	ERG	0.0472	114386	5.9	inHg	1032432-03	
C4	2021-03-23	0.35		E	80	2.3	passive	ERG	0.0472	A21013	5.1	inHg	1040729-02	
C4	2021-03-23	QA	2	E	80	2.3	passive	ERG	0.0472	110257	7.1	inHg	1040824-02	
C4	2021-03-29	0.14		N	0	1.6	passive	ERG	0.0472	19283	4.8	inHg	1041343-02	
C4	2021-04-04	0.32	LK	WNW	285	0.8	passive	ERG	0.0472	SAT174	4.0	inHg	1042215-03	
C4	2021-04-10	0.25	2	SSE	160	1.1	passive	ERG	0.0472	110305	6.2	inHg	1042215-07	
C4	2021-04-16	0.09		NE	45	0.7	passive	ERG	0.0472	110252	4.9	inHg	1042933-03	
C4	2021-04-22	QA	0.38	NNW	345	2	passive	ERG	0.0472	2767	3.2	inHg	1050321-02	
C4	2021-04-22	0.15		NNW	345	2	passive	ERG	0.0472	A21022	3.3	inHg	1043022-02	
C4	2021-04-28	0.28		SSW	205	0.4	passive	ERG	0.0472	33516	4.5	inHg	1050523-03	
C4	2021-05-04	0.61		W	265	1.2	passive	ERG	0.0472	49	5.2	inHg	1051942-03	
C4	2021-05-10	0.10	2	WNW	290	1.3	passive	ERG	0.0472	33532	1.00	inHg	1051942-07	
C4	2021-05-16	0.29	2	SW	225	0.4	passive	ERG	0.0472	19300	6.7	inHg	1060323-05	
C4	2021-05-22	2.13	LK	ENE	70	0.5	passive	ERG	0.0472	A21091	6.0	inHg	1060323-06	
C4	2021-05-28	0.17	2	WSW	245	1.1	passive	ERG	0.0472	33314	6.1	inHg	1060415-03	
C4	2021-05-28	QA	0.09	2	WSW	245	1.1	passive	ERG	0.0472	19291	7.7	inHg	1060746-01
C4	2021-06-03	0.29		SW	230	0.4	passive	ERG	0.0472	19666	4.90	inHg	1060834-01	
C4	2021-06-15	0.29		NW	310	2.4	passive	ERG	0.0472	33531	8.00	inHg	1070116-04	
C4	2021-06-27	0.10		ESE	120	1	passive	ERG	0.0472	18873	5.00	inHg	1072320-03	
C4	2021-09-07	0.12		ENE	62	0.8		ERG	0.0472	114340	6.00	inHg	1091621-03	
C4	2021-09-19	0.40	LK	E	85	0.2		ERG	0.0472	33534	9.30	inHg	1100728-01	
C5	2019-10-30	0.36	LK, 2	SE	130	1.2	passive	ERG	0.0452	A21082	2.0	inHg	9110118-06	
C5	2019-11-01	0.09	LK, 2	NW	320	1.9	passive	ERG	0.0452	19650	0.0	inHg	9110553-05	
C5	2019-11-03	0.22		NW	320	0.6	passive	ERG	0.0452	A21045	1.1	inHg	9110635-04	
C5	2019-11-05	0.09		NNE	30	0.6	passive	ERG	0.0452	18822	1.9	inHg	9110810-04	
C5	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	19643	2.2	inHg	9111412-05	
C5	2019-11-13	0.18		E	90	2	passive	ERG	0.0452	19276	0.5	inHg	9111509-03	
C5	2019-11-15		AF	NE	50	1.3	passive	ERG		5072	VOID		9112026-05	
C5	2019-11-20	0.81		NNW	315	1	passive	ERG	0.0452	19652	0.1	inHg	9112711-07	
C5	2019-11-20	QA	0.76	NNW	315	1	passive	ERG	0.0452	18875	3.9	inHg	9112711-09	
C5	2019-11-23	0.12	2	W	285	1.5	passive	ERG	0.0452	19666	6.6	inHg	9112711-08	
C5	2019-11-29	0.14	LK, 2	ENE	75	0.1	passive	ERG	0.0452	18832	6.2	inHg	9120610-04	
C5	2019-12-05	0.61		NW	315	0.9	passive	ERG	0.0452	2527	4.0	inHg	9121207-07	
C5	2019-12-08	0.11	LK	E	90	3.3	passive	ERG	0.0452	19298	6.0	inHg	9121207-08	
C5	2019-12-11	0.21	LK, 2	NNW	335	2.7	passive	ERG	0.0452	A21072	0.0	inHg	9121841-05	

C5	2019-12-14	0.14	LK	WNW	290	2.3	passive	ERG	0.0452	A21101	5.1	inHg	9121841-09
C5	2019-12-17	0.35	LK, 2	WNW	300	3.4	passive	ERG	0.0452	5114	7.1	inHg	9122019-04
C5	2019-12-19	0.42	LK, 2	NNE	45	0.8	passive	ERG	0.0452	5127	0.0	inHg	0010322-04
C5	2019-12-23		AN	ENE	70	5.1	passive	ERG		5126	VOID		0010322-08
C5	2019-12-31	0.14	LK	W	275	2.9	passive	ERG	0.0452	5062	1.0	inHg	0010717-04
C5	2020-01-04		AN	WNW	290	4.3	passive	ERG		SAT155	18.3	inHg	0010907-04
C5	2020-01-07	0.22	2, LK	WNW	285	2.8	passive	ERG	0.0452	A21073	0.0	inHg	0011423-03
C5	2020-01-10	0.26	LK	E	80	2.4	passive	ERG	0.0452	SAT118	1.6	inHg	0011423-07
C5	2020-01-14		AF	NW	320	0.3	passive	ERG		SAT060	25.0	inHg	0011705-04
C5	2020-01-16		AF	NW	320	2.8	passive	ERG		5089	VOID		0012927-04
C5	2020-01-19	0.56	LK	NW	310	4.9	passive	ERG	0.0452	5059	1.2	inHg	0012317-04
C5	2020-01-22	0.28	2	ENE	75	1.7	passive	ERG	0.0452	19282	0.0	inHg	0012927-09
C5	2020-01-25	0.18	2	WNW	290	2.6	passive	ERG	0.0452	19641	0.0	inHg	0013008-02
C5	2020-01-28	0.77		NW	315	1.3	passive	ERG	0.0452	SAT097	4.3	inHg	0020524-04
C5	2020-01-30	0.36	LK	ENE	75	1.5	passive	ERG	0.0452	5117	5.2	inHg	0020524-07
C5	2020-02-03	0.33		WSW	245	0.6	passive	ERG	0.0452	SAT120	5.2	inHg	0021311-04
C5	2020-02-09	0.14	2	E	80	1.3	passive	ERG	0.0452	19644	0.0	inHg	0021921-04
C5	2020-02-15	0.72	2	E	92	0.4	passive	ERG	0.0452	A21105	0.0	inHg	0022425-04
C5	2020-02-21	1.13	2	NE	45	0.5	passive	ERG	0.0452	19662	0.0	inHg	0022816-04
C5	2020-02-27	0.21	2, LK	NW	315	3.8	passive	ERG	0.0452	SAT099	0.0	inHg	0030604-04
C5	2020-03-04	0.32	LK	NE	45	0.1	passive	ERG	0.0515	A21044	4.2	inHg	0031012-04
C5	2020-03-10	0.63	LK	SW	240	1.4	passive	ERG	0.0515	AZ40	3.0	inHg	0031836-04
C5	2020-03-16	0.14	2	E	85	6.1	passive	ERG	0.0515	A21010	0.0	inHg	0032321-04
C5	2020-03-22	0.35		ENE	80	2.8	passive	ERG	0.0515	18880	2.2	inHg	0040115-05
C5	2020-03-28	0.38		WSW	245	1.1	passive	ERG	0.0515	A21081	5.1	inHg	0040814-01
C5	2020-04-03	0.39		NW	310	0.6	passive	ERG	0.0515	19657	3.7	inHg	0041001-04
C5	2020-04-09	0.57	2	WNW	290	3.3	passive	ERG	0.0515	SAT061	4.8	inHg	0041707-05
C5	2020-04-15	0.34		NW	315	2.9	passive	ERG	0.0515	19662	3.1	inHg	0042218-04
C5	2020-04-21	0.70	LK, 2	WNW	285	2.2	passive	ERG	0.0515	SAT164	3.2	inHg	0050114-05
C5	2020-04-27	0.35	2	NW	310	2.2	passive	ERG	0.0515	A21005	4.7	inHg	0050615-04
C5	2020-05-03	0.36		W	270	1.2	passive	ERG	0.0515	SAT117	4.8	inHg	0051324-04
C5	2020-05-09	0.82		NW	310	2.1	passive	ERG	0.0515	SAT185	3.2	inHg	0051504-03
C5	2020-05-15	0.30		SSE	148	0.3	passive	ERG	0.0515	53	3.9	inHg	0052848-03
C5	2020-05-21	0.70		NE	85	0.5	passive	ERG	0.0515	SAT169	2.9	inHg	0052918-06
C5	2020-05-27	0.54		E	80	2.6	passive	ERG	0.0515	SAT057	4.1	inHg	0060508-04
C5	2020-06-02	0.57	LK	SW	238	0.2	passive	ERG	0.0515	5042	5.1	inHg	0061042-04
C5	2020-06-08	0.14		ESE	120	1.1	passive	ERG	0.0515	33275	4.8	inHg	0061731-05
C5	2020-06-14	0.62		ENE	70	1.2	passive	ERG	0.0515	SAT092	4.5	inHg	0061908-04

C5	2020-06-20	0.51		NNW	330	0.8	passive	ERG	0.0515	19654	4.7	inHg	0070602-04
C5	2020-06-26	1.23	LK	WNW	285	2.2	passive	ERG	0.0515	5048	5.2	inHg	0070840-04
C5	2020-07-02	0.65		NNW	335	1.2	passive	ERG	0.0515	SAT033	5.2	inHg	0070928-04
C5	2020-07-08	1.13	LK	NE	45	0.6	passive	ERG	0.0515	5130	5.1	inHg	0071703-04
C5	2020-07-14	0.54		NW	320	0.2	passive	ERG	0.0515	SAT087	4.8	inHg	0072412-04
C5	2020-07-20	0.34	2	E	80	0.1	passive	ERG	0.0515	35134	0.0	inHg	0072412-07
C5	2020-07-26	0.64		W	268	0.05	passive	ERG	0.0515	A21022	2.9	inHg	0080618-01
C5	2020-08-01	1.21		SW	214	0.5	passive	ERG	0.0515	SAT038	2.9	inHg	0081410-04
C5	2020-08-07	1.18		ENE	60	0.1	passive	ERG	0.0515	SAT042	2.1	inHg	0081410-07
C5	2020-08-13		AF	S	190	0.1	passive	ERG				Did Not Collect	No sample ID possible
C5	2020-08-19		AF	ESE	108	0.2	passive	ERG				Did Not Collect	No sample ID possible
C5	2020-08-25		AF	ENE	67	0.3	passive	ERG				Did Not Collect	No sample ID possible
C5	2020-08-31	0.19		W	278	0.1	passive	ERG	0.0515	18837	2.1	inHg	0090413-04
C5	2020-09-06	0.26		ENE	64	0.2	passive	ERG	0.0515	A21103	2.4	inHg	0092126-01
C5	2020-09-12	0.59	LK	E	85	1.8	passive	ERG	0.0515	5050	4.9	inHg	0092335-04
C5	2020-09-18	1.18		NNW	30	0.8	passive	ERG	0.0515	SAT002	2.9	inHg	0093025-04
C5	2020-09-24	0.45		E	90	1.6	passive	ERG	0.0515	SAT003	1.9	inHg	0093025-08
C5	2020-09-30	0.40	LK	WNW	300	1	passive	ERG	0.0515	AZ50	1.5	inHg	0100833-04
C5	2020-10-06	0.28	LK	E	85	0.6	passive	ERG	0.0515	5044	3.1	inHg	0101528-04
C5	2020-10-12		AF	WNW	285	0.6	passive	ERG				Did Not Collect	No sample ID possible
C5	2020-10-18	0.15	2	ENE	75	2.3	passive	ERG	0.0515	110308	0.0	inHg	0102916-04
C5	2020-10-24	0.33		SSE	165	0.2	passive	ERG	0.0515	110306	2.9	inHg	0111210-01
C5	2020-10-30	0.39	LK	NW	310	4.1	passive	ERG	0.0515	SAT159	1.1	inHg	0111125-04
C5	2020-11-05	0.48	LK	ENE	65	1	passive	ERG	0.0515	AZ52	1.5	inHg	0111824-04
C5	2020-11-11	0.67		E	80	0.2	passive	ERG	0.0515	SAT005	2.2	inHg	0111824-08
C5	2020-11-17	0.10		NW	315	3.4	passive	ERG	0.0515	19663	1.0	inHg	0112513-04
C5	2020-11-23	0.20		NW	315	2.3	passive	ERG	0.0515	SAT179	1.3	inHg	0120411-04
C5	2020-11-29	0.43	LK	E	84	0.7	passive	ERG	0.0515	5064	2.9	inHg	0121016-04
C5	2020-12-05	0.07		WNW	290	3.1	passive	ERG	0.0515	19667	1.5	inHg	0121104-04
C5	2020-12-11	0.18		ESE	115	0.2	passive	ERG	0.0515	A21011	2.8	inHg	0122326-04
C5	2020-12-17	0.08	2	WNW	295	3.5	passive	ERG	0.0515	110308	0.0	inHg	0123026-05
C5	2020-12-23	0.12	2	E	92	1.7	passive	ERG	0.0515	111219	0.0	inHg	1010626-04
C5	2020-12-29	0.25	2	ENE	75	0.8	passive	ERG	0.0515	110306	6.4	inHg	1011326-05
C5	2021-01-04	0.28	2	WNW	295	1.2	passive	ERG	0.0515	A21076	0.0	inHg	1011326-09
C5	2021-01-10	0.23	2	ENE	70	0.5	passive	ERG	0.0515	SAT067	0.0	inHg	1012127-05
C5	2021-01-16	0.04	VB, U	WNW	285	2.3	passive	ERG	0.0515	33266	1.2	inHg	1012726-04
C5	2021-01-22	0.41		WNW	300	0.7	passive	ERG	0.0515	SAT003	1.1	inHg	1012903-04
C5	2021-01-28	0.30	LK	NW	315	5.6	passive	ERG	0.0515	5125	1.9	inHg	1020519-04

C5	2021-02-03	0.08		NW	310	3.6	passive	ERG	0.0472	114366	1.0	inHg	1021208-05
C5	2021-02-09	0.27		ENE	65	0.6	passive	ERG	0.0472	110257	3.2	inHg	1021908-04
C5	2021-02-15	0.00	ND, U	E	85	2.4	passive	ERG	0.0472	19293	2.3	inHg	1022211-05
C5	2021-02-21	QA	0.18	ESE	105	2.1	passive	ERG	0.0472	SAT118	1.2	inHg	1030510-05
C5	2021-02-21	0.06		ESE	105	2.1	passive	ERG	0.0472	19657	2.0	inHg	1030510-04
C5	2021-02-27	0.00	ND, U	ENE	70	1	passive	ERG	0.0472	19284	1.2	inHg	1031029-01
C5	2021-03-05		AF	NNW	340	1.5	passive	ERG	0.0472		Did Not Collect		No sample ID possible
C5	2021-03-11	0.12		S	185	0.6	passive	ERG	0.0472	A21039	1.7	inHg	1031639-04
C5	2021-03-17	0.08		E	85	1.5	passive	ERG	0.0472	111217	2.9	inHg	1032432-04
C5	2021-03-23	0.41	LK	E	80	2.3	passive	ERG	0.0472	SAT018	2.0	inHg	1040824-03
C5	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21025	VOID		1041343-04
C5	2021-04-04	0.48	2, LK	WNW	285	0.8	passive	ERG	0.0472	SAT067	0.0	inHg	1042215-04
C5	2021-04-10	0.38	2	SSE	160	1.1	passive	ERG	0.0472	A21101	0.0	inHg	1042215-08
C5	2021-04-16	0.09	2	NE	45	0.7	passive	ERG	0.0472	110314	0.0	inHg	1042933-04
C5	2021-04-22	0.10	2	NNW	345	2	passive	ERG	0.0472	18830	6.9	inHg	1050321-03
C5	2021-04-28	0.08	2	SSW	205	0.4	passive	ERG	0.0472	111211	0.0	inHg	1050523-04
C5	2021-05-04	0.49		W	265	1.2	passive	ERG	0.0472	A21099	4.0	inHg	1051942-04
C5	2021-05-10	0.18		WNW	290	1.3	passive	ERG	0.0472	A21025	3.8	inHg	1051942-08
C5	2021-05-16	0.12		SW	225	0.4	passive	ERG	0.0472	19287	3.9	inHg	1060323-07
C5	2021-05-22	0.83		ENE	70	0.5	passive	ERG	0.0472	A21095	2.9	inHg	1060323-08
C5	2021-05-28	1.39		WSW	245	1.1	passive	ERG	0.0472	18828	4.0	inHg	1060415-04
C5	2021-06-03	0.09		SW	230	0.4	passive	ERG	0.0472	33275	4.20	inHg	1060924-03
C5	2021-06-15	0.14		NW	310	2.4	passive	ERG	0.0472	114322	5.20	inHg	1070116-05
C5	2021-06-27	0.38		ESE	120	1	passive	ERG	0.0472	A21054	4.90	inHg	1072320-04
C5	2021-07-15	0.14		WNW	290	0.4		ERG	0.0472	114340	5.20	inHg	1072936-04
C5	2021-07-27	0.21		NW	320	0.5		ERG	0.0472	18832	5.80	inHg	1080602-03
C7	2019-10-30	0.16		SE	130	1.2	passive	ERG	0.0452	18834	5.0	inHg	9110118-07
C7	2019-11-01	0.06		NW	320	1.9	passive	ERG	0.0452	18879	1.5	inHg	9110553-06
C7	2019-11-03	0.35	LK	NW	320	0.6	passive	ERG	0.0452	5086	3.0	inHg	9110635-05
C7	2019-11-05	0.20		NNE	30	0.6	passive	ERG	0.0452	SAT071	3.1	inHg	9110810-05
C7	2019-11-08	0.22		NNW	330	1.9	passive	ERG	0.0452	SAT106	3.2	inHg	9111412-06
C7	2019-11-13		AF	E	90	2	passive				Did Not Collect		No sample ID possible
C7	2019-11-15	0.12		NE	50	1.3	passive	ERG	0.0452	18821	2.0	inHg	9112026-06
C7	2020-02-27	0.28	LK	NW	315	3.8	passive	ERG	0.0452	5146	1.6	inHg	0030604-05
C7	2020-03-28	0.60	2	WSW	245	1.1	passive	ERG	0.0515	SAT185	4.2	inHg	0040814-04
C7	2020-04-27	0.87	2	NW	310	2.2	passive	ERG	0.0515	SAT157	2.0	inHg	0050615-05
C7	2020-05-27	0.37		E	80	2.6	passive	ERG	0.0515	SAT100	2.5	inHg	0060508-05
C7	2020-06-20	1.67	2	NNW	330	0.8	passive	ERG	0.0515	SAT165	6.8	inHg	0070602-05

C7	2020-07-20	1.03	LK, 2	E	80	0.1	passive	ERG	0.0515	5010	0.0	inHg	0072412-08
C7	2020-08-19		AF	ESE	108	0.2	passive				Did Not Collect		No sample ID possible
C7	2020-09-24	0.41	LK	E	90	1.6	passive	ERG	0.0515	5051	1.0	inHg	0093025-09
C7	2020-10-30	0.59	LK	NW	310	4.1	passive	ERG	0.0515	5081	5.1	inHg	0111125-05
C7	2020-11-23		AN	NW	315	2.3	passive	ERG		AZ50	VOID		0120411-05
C7	2020-12-23	0.09		E	92	1.7	passive	ERG	0.0515	114336	3.8	inHg	1010525-01
C7	2021-01-28	1.37		NW	315	5.6	passive	ERG	0.0515	SAT166	2.0	inHg	1020519-05
C7	2021-02-27	0.08	2	ENE	70	1	passive	ERG	0.0472	33533	0.5	inHg	1031121-04
C7	2021-03-29		AA	N	0	1.6	passive	ERG	0.0472	A21058	0.0	inHg	1041343-01
C7	2021-04-28	0.71		SSW	205	0.4	passive	ERG	0.0472	SAT043	6	inHg	1050523-05
C7	2021-05-22	0.93	LK, 2	ENE	70	0.5	passive	ERG	0.0472	A21067	6.8	inHg	1060323-09
C7	2021-06-27	0.21		ESE	120	1.0	passive	ERG	0.0472	35136	6.90	inHg	1072221-01
C7	2021-07-27	0.22		NW	320	0.5		ERG	0.0472	19642	11.10	inHg	1080602-04
C7	2021-08-26	1.01		ESE	105	0.3		ERG	0.0472	A21105	9.80	inHg	1090318-03
C7	2021-09-19	0.33		E	85	0.2		ERG	0.0472	18810	5.80	inHg	1100728-02
C7	2021-10-13	0.15		E	99	0.1		EPD	0.0288	110328	4.90	inHg	AK87856
Cobb FB	2020-01-23	0.00	U, ND	ENE	78	2.2	Field Blank	ERG	0.0452	9570	Field Blank		0013118-01
Cobb FB	2020-02-21	0.00	U, ND	NW	321	2.7	Field Blank	ERG	0.0452	53	Field Blank		0030235-05
Cobb FB	2020-03-25	0.00	U, ND				Field Blank	ERG	0.0515	A21074	Field Blank		0040116-01
Cobb FB	2020-04-24	0.00	U, ND				Field Blank	ERG	0.0515	9570	Field Blank		0050113-06
Cobb FB	2020-05-26	0.00	U, ND				Field Blank	ERG		SAT081	Field Blank		0052917-01
Cobb FB	2020-06-23	0.00	ND, U				Field Blank	ERG	0.0515	33506	Field Blank		0062611-07
Cobb FB	2020-07-22	0.03	U				Field Blank	ERG	0.0515	SAT025	Field Blank		0072930-07
Cobb FB	2020-09-29		AR				Field Blank	ERG		5054	Field Blank		0100211-06
Cobb FB	2020-11-24	0.01	U				Field Blank	ERG	0.0515	2240	Field Blank		0120410-11
Cobb FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	A22304	Field Blank		1011327-01
Cobb FB	2021-01-27	0.00	ND, U				Field Blank	ERG	0.0515	110314	Field Blank		1020318-05
Cobb FB	2021-04-27	0.00	ND, U				Field Blank	ERG	0.0472	114344	Field Blank		1050423-01
Cobb FB	2021-05-27	0.00	ND, U				Field Blank	ERG	0.0472	33506	Field Blank		1060241-01
Cobb FB	2021-06-24	0.00	ND, U				Field Blank	ERG	0.0472	111217	Field Blank		1070113-01
Cobb FB	2021-07-26		U				Field Blank	ERG	0.0472	19299	Field Blank		1072938-05
Cobb FB	2021-08-24		U				Field Blank	ERG	0.0472	110314	Field Blank		1090124-01
Cobb FB	2021-09-13		U				Field Blank	ERG	0.0472	18818	Field Blank		1091620-03
Cobb FB	2021-10-27	0.00					Field Blank	EPD	0.0288	114358	Field Blank		AK88023
Covington FB	2019-10-30	0.00	ND, U	SE	130	1.2	Field Blank	ERG	0.0452	A21032	Field Blank		9110118-10
Covington FB	2019-12-30	0.00	ND, U				Field Blank	ERG	0.0452	A21026	Field Blank		0010322-09
Covington FB	2020-01-27	0.00	U, ND				Field Blank	ERG	0.0452	A21000	Field Blank		0013117-03
Covington FB	2020-02-21	0.00	U, ND				Field Blank	ERG	0.0452	19280	Field Blank		0030236-01



Covington FB	2020-03-25	0.00		U, ND			Field Blank	ERG	0.0515	A21000	Field Blank	0040115-06		
Covington FB	2020-04-24	0.03		U			Field Blank	ERG	0.0515	SAT008	Field Blank	0050114-06		
Covington FB	2020-05-22			AR			Field Blank	ERG		A21073	Field Blank	0052918-01		
Covington FB	2020-06-24	0.00		ND			Field Blank	ERG	0.0515	SAT056	Field Blank	0070602-06		
Covington FB	2020-09-28			AR			Field Blank	ERG		19281	Field Blank	0100213-01		
Covington FB	2020-11-24	0.00		ND, U			Field Blank	ERG	0.0515	SAT043	Field Blank	0120411-06		
Covington FB	2020-12-28	0.00		U, ND			Field Blank	ERG	0.0515	213	Field Blank	1011326-01		
Covington FB	2021-01-26	0.00		ND, U			Field Blank	ERG	0.0515	A21011	Field Blank	1020319-01		
Covington FB	2021-04-27	0.00		ND, U			Field Blank	ERG	0.0472	110342	Field Blank	1050523-06		
Covington FB	2021-05-25	0.00		ND, U			Field Blank	ERG	0.0472	110252	Field Blank	1060324-06		
Covington FB	2021-06-25	0.00		ND, U			Field Blank	ERG	0.0472	SAT125	Field Blank	1070116-06		
Covington FB	2021-07-26			U			Field Blank	ERG	0.0472	114386	Field Blank	1072936-05		
Covington FB	2021-08-25			U			Field Blank	ERG	0.0472	CLS647	Field Blank	1090127-01		
Covington FB	2021-09-07			U			Field Blank	ERG	0.0472	33243	Field Blank	1091621-04		
Covington FB	2021-10-28	0.00					Field Blank	EPD	0.0288	110336	Field Blank	AK88025		
F1	2020-01-16	0.17		NW	321	4.2	passive	ERG	0.0452	18884	4.3	inHg	0012318-01	
F1	2020-01-22	0.29		LK	ENE	65	1.6	passive	ERG	0.0452	5126	2.8	inHg	0013007-01
F1	2020-01-28	0.82		LK	NNW	327	1.5	passive	ERG	0.0452	5125	4.2	inHg	0020526-01
F1	2020-02-03	0.35			SSW	202	1.8	passive	ERG	0.0452	SAT087	3.1	inHg	0021215-01
F1	2020-02-09	0.44		LK, 2	ESE	109	2.4	passive	ERG	0.0452	SAT021	10.8	inHg	0021824-01
F1	2020-02-15	0.39			E	99	2.1	passive	ERG	0.0452	A21083	2.0	inHg	0022613-01
F1	2020-02-21	0.64			NNW	343	2.2	passive	ERG	0.0452	A21022	3.2	inHg	0030234-01
F1	2020-02-27			AL	NW	312	4	passive	ERG		18828	19.2	inHg	0030606-01
F1	2020-03-04	0.86			SW	272	1.2	passive	ERG	0.0515	SAT163	4.6	inHg	0031135-01
F1	2020-03-10			AL	SW	218	1.9	passive	ERG		18875	VOID		0031834-01
F1	2020-03-16	0.37		2	E	83	3	passive	ERG	0.0515	19289	12.0	inHg	0032319-01
F1	2020-03-22	0.31			ENE	78	2.7	passive	ERG	0.0515	18829	1.8	inHg	0040113-01
F1	2020-03-28			AN	SW	220	2.7	passive	ERG		SAT023	17.5	inHg	0040816-01
F1	2020-04-03	1.62		LK, 2	WNW	284	1.3	passive	ERG	0.0515	5048	6.9	inHg	0041002-01
F1	2020-04-09	0.90		2	WNW	295	4.5	passive	ERG	0.0515	18837	7.1	inHg	0041619-01
F1	2020-04-15	0.59		LK, 2	NNW	322	3.8	passive	ERG	0.0515	5072	6.4	inHg	0042219-01
F1	2020-04-21	0.64		2	WNW	291	3	passive	ERG	0.0515	19668	6.1	inHg	0050112-01
F1	2020-04-27	1.50		2	NW	324	2.8	passive	ERG	0.0515	SAT043	5.8	inHg	0050616-01
F1	2020-05-03	0.63		LK, 2	SW	230	2.5	passive	ERG	0.0515	5103	0.0	inHg	0051408-01
F1	2020-05-09	1.30		LK	NNW	335	3.2	passive	ERG	0.0515	AZ41	5.1	inHg	0051508-02
F1	2020-05-15	0.57		LK, 2	SSE	155	2.6	passive	ERG	0.0515	5110	7.9	inHg	0052847-01
F1	2020-05-21	1.10		2	ENE	70	1.4	passive	ERG	0.0515	SAT017	6.2	inHg	0052919-02
F1	2020-05-27	0.62		2	ENE	70	3.2	passive	ERG	0.0515	35126	6.1	inHg	0060507-01

F1	2020-06-02	0.40	LK, 2	SSW	210	1.1	passive	ERG	0.0515	5117	7.5	inHg	0061732-01
F1	2020-06-08	1.14	2	ESE	120	2.7	passive	ERG	0.0515	SAT037	6.9	inHg	0061732-03
F1	2020-06-14	0.29	2	E	85	1.6	passive	ERG	0.0515	18879	6.2	inHg	0062525-01
F1	2020-06-20	0.48	2	NNW	339	1.1	passive	ERG	0.0515	18827	7.2	inHg	0062612-01
F1	2020-06-26	1.17	2	W	269	2.5	passive	ERG	0.0515	SAT039	6.6	inHg	0070603-01
F1	2020-07-02	1.19	2, LK	NW	316	1.5	passive	ERG	0.0515	35110	6.9	inHg	0070930-01
F1	2020-07-08	0.39	2	NNW	333	0.9	passive	ERG	0.0515	A21080	6.8	inHg	0071533-01
F1	2020-07-14	1.43	LK, 2	WNW	293	0.6	passive	ERG	0.0515	AZ45	6.9	inHg	0072414-01
F1	2020-07-20	0.72		NW	318	0.9	passive	ERG	0.0515	18829	2.1	inHg	0072931-01
F1	2020-07-26	1.57	LK	WSW	239	1.1	passive	ERG	0.0515	5086	2.7	inHg	0080536-01
F1	2020-08-01	0.78		SW	232	2.5	passive	ERG	0.0515	SAT057	1.6	inHg	0080617-01
F1	2020-08-07	2.17	LK	NNW	339	1.4	passive	ERG	0.0515	SAT123	1.0	inHg	0081933-01
F1	2020-08-13	1.60		W	271	1.1	passive	ERG	0.0515	SAT068	5.8	inHg	0082115-01
F1	2020-08-19		AO	NE	54	1.4	passive	ERG		5020	VOID		0082739-01
F1	2020-08-25	0.34	2	ENE	59	1.5	passive	ERG	0.0515	A21089	0.0	inHg	0090238-01
F1	2020-08-31	0.23	2	WNW	290	1	passive	ERG	0.0515	18822	0.0	inHg	0090830-01
F1	2020-09-06	0.44	LK, 2	NE	55	1.4	passive	ERG	0.0515	5119	0.0	inHg	0092333-01
F1	2020-09-12	0.11		E	90	2.3	passive	ERG	0.0515	19278	1.6	inHg	0092333-04
F1	2020-09-18	0.65	LK	NNW	341	1.3	passive	ERG	0.0515	5132	1.2	inHg	0092838-01
F1	2020-09-24	0.40		E	100	2.5	passive	ERG	0.0515	2240	1.9	inHg	0100212-01
F1	2020-09-30	0.52	2	W	267	1.6	passive	ERG	0.0515	SAT039	0.0	inHg	0100834-01
F1	2020-10-06	0.25	2	NE	40	0.8	passive	ERG	0.0515	35136	0.0	inHg	0101530-01
F1	2020-10-12	0.23	2	W	276	1.7	passive	ERG	0.0515	19647	0.0	inHg	0102301-01
F1	2020-10-18	0.16	2	E	79	2.1	passive	ERG	0.0515	110305	0.0	inHg	0102915-01
F1	2020-10-24	0.50	2	N	0	0.6	passive	ERG	0.0515	110314	0.0	inHg	0110528-01
F1	2020-10-30	0.26	LK, 2	NW	319	4	passive	ERG	0.0515	SAT026	0.0	inHg	0110924-01
F1	2020-11-05	0.15	2	NE	46	0.9	passive	ERG	0.0515	SAT022	0.0	inHg	0111208-01
F1	2020-11-11	0.41		SSE	167	0.9	passive	ERG	0.0515	18872	1.9	inHg	0112511-01
F1	2020-11-17	0.12	2	NNW	331	3.5	passive	ERG	0.0515	18810	0.0	inHg	0112511-03
F1	2020-11-23	0.09	2	NNW	330	3.4	passive	ERG	0.0515	19645	0.0	inHg	0120412-01
F1	2020-11-29	0.38	LK	E	83	1.8	passive	ERG	0.0515	5009	2.9	inHg	0120412-02
F1	2020-12-05	0.38	2	WNW	302	2.2	passive	ERG	0.0515	19299	0.0	inHg	0121642-01
F1	2020-12-11	0.36	2, LK	SSE	165	0.7	passive	ERG	0.0515	5042	0.0	inHg	0122327-01
F1	2020-12-17	0.37	2	WNW	296	3.2	passive	ERG	0.0515	A21037	0.0	inHg	0122407-01
F1	2020-12-23	0.14		SE	125	1.8	passive	ERG	0.0515	11211	1.2	inHg	1010625-01
F1	2020-12-29	0.20		E	94	1.1	passive	ERG	0.0515	110252	1.1	inHg	1010524-01
F1	2021-01-04	0.09		NW	318	1.4	passive	ERG	0.0515	33531	1.1	inHg	1011516-01
F1	2021-01-10	0.19	2	N	9	0.8	passive	ERG	0.0515	SAT033	0.0	inHg	1012723-01

F1	2021-01-16	0.09	2	W	272	3.1	passive	ERG	0.0515	19649	0.0	inHg	1012723-04
F1	2021-01-22	0.57	LK, 2	NNW	329	1	passive	ERG	0.0515	5004	0.0	inHg	1020317-01
F1	2021-01-28	0.00	ND, U, 2	NW	325	5.5	passive	ERG	0.0515	110308	0.0	inHg	1020425-01
F1	2021-02-03	0.40	LK, 2	NW	312	3.5	passive	ERG	0.0472	5018	0.0	inHg	1021020-01
F1	2021-02-03	QA	2	NW	312	3.5	passive	ERG	0.0472	A21103	0.0	inHg	1021020-02
F1	2021-02-09	0.15		NE	41	1	passive	ERG	0.0472	SAT179	1	inHg	1021837-01
F1	2021-02-15	0.00	ND, U	E	83	2.8	passive	ERG	0.0472	114329	4.5	inHg	1030327-01
F1	2021-02-21	0.22	2	SE	136	2.6	passive	ERG	0.0472	A21073	0.5	inHg	1031122-01
F1	2021-02-27	0.00	U, ND, 2	NE	54	1.6	passive	ERG	0.0472	33490	0.0	inHg	1031030-01
F1	2021-02-27		U	NE	54	1.6		ERG	0.0472	A21073	0	inHg	1031030-01
F1	2021-03-05		AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F1	2021-03-11	0.13		WNW	302	1.1	passive	ERG	0.0472	19654	5.8	inHg	1031636-01
F1	2021-03-17	0.17		E	79	2.5	passive	ERG	0.0472	110308	3.9	inHg	1032433-01
F1	2021-03-23	0.43	LK	E	98	3	passive	ERG	0.0472	A21076	4.5	inHg	1040823-01
F1	2021-03-29	0.14		NE	41	1.5	passive	ERG	0.0472	A21021	5.2	inHg	1041410-01
F1	2021-04-04	0.22		NW	321	0.7	passive	ERG	0.0472	33535	1.2	inHg	1042216-01
F1	2021-04-10	0.12		S	175	2.9	passive	ERG	0.0472	19287	5.1	inHg	1042216-03
F1	2021-04-16	0.07		N	4	0.9	passive	ERG	0.0472	18821	4.7	inHg	1042934-01
F1	2021-04-22		BI	NW	321	1.3	passive	ERG		213	VOID		1050322-01
F1	2021-04-28	0.52	2	SW	232	1.6	passive	ERG	0.0472	A21052	6.2	inHg	1051247-01
F1	2021-05-04	0.18	2	SW	219	2.2	passive	ERG	0.0472	A21058	6.2	inHg	1051941-01
F1	2021-05-10	0.46	2	W	268	2.2	passive	ERG	0.0472	18876	6.7	inHg	1051941-04
F1	2021-05-16	0.57		SW	222	1.4	passive	ERG	0.0472	A21053	5.2	inHg	1060324-01
F1	2021-05-22	0.39		NE	40	0.5	passive	ERG	0.0472	33240	5.3	inHg	1060324-02
F1	2021-05-28	0.28	2	SW	219	2.8	passive	ERG	0.0472	110314	6.2	inHg	1060836-01
F1	2021-06-03	0.24		SW	232	1.5	passive	ERG	0.0472	19277	6.20	inHg	1060836-02
F1	2021-06-15	0.41		NNW	328	2.6	passive	ERG	0.0472	19640	6.50	inHg	1070115-01
F1	2021-06-27	0.41		SE	126	1.9	passive	ERG	0.0472	19650	6.10	inHg	1072321-01
F1	2021-07-15	0.57		NW	311	0.9		ERG	0.0472	19640	8.30	inHg	1072937-01
F1	2021-07-27		SC	NW	338	0.9		ERG	0.0472	35122	8.90	inHg	1080603-01
F1	2021-08-26	0.22		SE	144	1.2		ERG	0.0472	110252	6.80	inHg	1090319-01
F1	2021-09-19							ERG		19279	9.10	inHg	1100729-01
F1	2021-10-13	0.27		SW	227	0.3		EPD	0.0288	114334	3.20	inHg	AK87857
F2	2020-01-28	2.87		NNW	327	4.2	passive	ERG	0.0452	SAT002	1.10	inHg	0020526-02
F2	2020-02-03	0.56		SSW	202	1.8	passive	ERG	0.0452	19642	1.0	inHg	0021215-02
F2	2020-02-09	0.38	LK, 2	ESE	109	2.4	passive	ERG	0.0452	5133	0.0	inHg	0021405-01
F2	2020-02-15	1.13	LK	E	99	2.1	passive	ERG	0.0452	5086	1.5	inHg	0022613-02
F2	2020-02-21	2.80	2	NNW	343	2.2	passive	ERG	0.0452	18832	0.0	inHg	0030234-02

F2	2020-02-27		1.03	2	NW	312	4	passive	ERG	0.0452	19645	0.0	inHg	0030537-01
F2	2020-03-04		2.84	2	SW	272	1.2	passive	ERG	0.0515	SAT130	0.0	inHg	0031135-02
F2	2020-03-10		0.82	LK	SW	218	1.9	passive	ERG	0.0515	5132	1.0	inHg	0031834-02
F2	2020-03-16		0.80	LK	E	83	3	passive	ERG	0.0515	5045	1.0	inHg	0032319-02
F2	2020-03-22		0.97	2	ENE	78	2.7	passive	ERG	0.0515	SAT070	0.0	inHg	0040113-02
F2	2020-03-28		0.69		SW	220	2.7	passive	ERG	0.0515	SAT123	2.9	inHg	0040816-02
F2	2020-04-03		2.37	LK, 2	WNW	284	1.3	passive	ERG	0.0515	5081	0.0	inHg	0041002-02
F2	2020-04-09		1.30	LK	WNW	295	4.5	passive	ERG	0.0515	AZ37	1.6	inHg	0041619-02
F2	2020-04-15		2.75	2	NNW	322	3.8	passive	ERG	0.0515	SAT025	0.0	inHg	0042219-02
F2	2020-04-21		0.83	2	WNW	291	3	passive	ERG	0.0515	SAT064	0.0	inHg	0050112-02
F2	2020-04-27		3.61	2	NW	324	2.8	passive	ERG	0.0515	SAT007	0.0	inHg	0050616-02
F2	2020-04-27	QA	3.49	2	NW	324	2.8	passive	ERG	0.0515	SAT011	4.5	inHg	0050616-03
F2	2020-05-03			AA	SW	230	2.5	passive	ERG		5115	VOID		0051408-02
F2	2020-05-09		2.30	LK, 2	NNW	335	3.2	passive	ERG	0.0515	5076	6.5	inHg	0051508-01
F2	2020-05-15		0.45	LK, 2	SSE	155	2.6	passive	ERG	0.0515	5080	8.0	inHg	0052847-02
F2	2020-05-21		0.58	LK, 2	ENE	70	1.4	passive	ERG	0.0515	504	7.0	inHg	0052919-03
F2	2020-05-27		0.33	2	ENE	70	3.2	passive	ERG	0.0515	SAT020	6.2	inHg	0060507-02
F2	2020-06-02		0.95	2	SSW	210	1.1	passive	ERG	0.0515	33327	7.0	inHg	0061732-02
F2	2020-06-08		0.83	LK, 2	ESE	120	2.7	passive	ERG	0.0515	5050	7.8	inHg	0061732-04
F2	2020-06-08	QA	0.81	2	ESE	120	2.7	passive	ERG	0.0515	SAT069	6.9	inHg	0061732-05
F2	2020-06-14			BI	E	85	1.6	passive	ERG		SAT181	6.2	inHg	0062525-02
F2	2020-06-20		0.89	2	NNW	339	1.1	passive	ERG	0.0515	19284	7.0	inHg	0062612-02
F2	2020-06-26		1.72	LK, 2	W	269	2.5	passive	ERG	0.0515	5090	7.5	inHg	0070603-02
F2	2020-07-02		1.73	2	NW	316	1.5	passive	ERG	0.0515	18830	7.1	inHg	0070930-02
F2	2020-07-08	QA	0.46	2	NNW	333	0.9	passive	ERG	0.0515	33232	0.0	inHg	0071533-03
F2	2020-07-08		0.37	2	NNW	333	0.9	passive	ERG	0.0515	A21053	6.5	inHg	0071533-02
F2	2020-07-14		0.52	LK, 2	WNW	293	0.6	passive	ERG	0.0515	5055	7.4	inHg	0072414-02
F2	2020-07-20		0.46		NW	318	0.9	passive	ERG	0.0515	33531	2.8	inHg	0072931-02
F2	2020-07-26		0.86	LK	WSW	239	1.1	passive	ERG	0.0515	5054	3.4	inHg	0080536-02
F2	2020-08-01		0.19		SW	232	2.5	passive	ERG	0.0515	33327	2.2	inHg	0080617-02
F2	2020-08-07		4.41	LK, 2	NNW	339	1.4	passive	ERG	0.0515	35127	0.0	inHg	0081832-01
F2	2020-08-13	QA	0.68	D-F	W	271	1.1	passive	ERG	0.0515	SAT178	5.3	inHg	0082115-03
F2	2020-08-13		0.50	D-F	W	271	1.1	passive	ERG	0.0515	33506	5.5	inHg	0082115-02
F2	2020-08-19		1.06		NE	54	1.4	passive	ERG	0.0515	19643	2.9	inHg	0082739-02
F2	2020-08-25		0.35	LK	ENE	59	1.5	passive	ERG	0.0515	5035	2.1	inHg	0090238-02
F2	2020-08-31		0.99	2	WNW	290	1	passive	ERG	0.0515	SAT076	0.0	inHg	0090830-02
F2	2020-09-06		1.04	LK, 2	NE	55	1.4	passive	ERG	0.0515	SAT035	0.0	inHg	0092333-02
F2	2020-09-12		1.64	LK	E	90	2.3	passive	ERG	0.0515	AZ37	1.9	inHg	0092333-05

F2	2020-09-18		3.61	LK, D-F	NNW	341	1.3	passive	ERG	0.0515	5135	1.7	inHg	0092510-01
F2	2020-09-18	QA	2.31	D-F	NNW	341	1.3	passive	ERG	0.0515	35143	1.0	inHg	0092510-03
F2	2020-09-24		0.23		E	100	2.5	passive	ERG	0.0515	19283	2.2	inHg	0100212-02
F2	2020-09-30		0.72	2, LK	W	267	1.6	passive	ERG	0.0515	5086	0.0	inHg	0100834-02
F2	2020-10-06		0.31	2	NE	40	0.8	passive	ERG	0.0515	19667	0.0	inHg	0101530-02
F2	2020-10-12		0.61	2	W	276	1.7	passive	ERG	0.0515	33533	0.0	inHg	0102301-02
F2	2020-10-18		0.17	2	E	79	2.1	passive	ERG	0.0515	110342	0.0	inHg	0102915-02
F2	2020-10-24		2.39	2, D-F	N	0	0.6	passive	ERG	0.0515	110257	7.1	inHg	0110528-02
F2	2020-10-24	QA	1.70	D-F	N	0	0.6	passive	ERG	0.0515	110322	4.9	inHg	0110528-04
F2	2020-10-30			AA	NW	319	4	passive	ERG		5013	VOID		0110924-02
F2	2020-11-05			AL	NE	46	0.9	passive	ERG		SAT008	VOID		0111208-02
F2	2020-11-11		1.03	LK	SSE	167	0.9	passive	ERG	0.0515	SAT035	5.9	inHg	0112511-02
F2	2020-11-17		1.25		NNW	331	3.5	passive	ERG	0.0515	SAT149	3.6	inHg	0112511-04
F2	2020-11-17	QA	0.99		NNW	330	3.4	passive	ERG	0.0515	33236	2.0	inHg	0112511-05
F2	2020-11-23		1.49		NNW	330	3.4	passive	ERG	0.0515	18808	3.8	inHg	0120412-03
F2	2020-11-29		1.15	LK	E	83	1.8	passive	ERG	0.0515	SAT112	4.8	inHg	0120412-04
F2	2020-12-05		1.03	LK	WNW	302	2.2	passive	ERG	0.0515	5022	4.2	inHg	0121642-02
F2	2020-12-11		1.62		SSE	165	0.7	passive	ERG	0.0515	19653	3.8	inHg	0122327-02
F2	2020-12-17	QA	0.89	2	WNW	296	3.2	passive	ERG	0.0515	35131	0.0	inHg	0122407-03
F2	2020-12-17		0.74		WNW	296	3.2	passive	ERG	0.0515	18865	2.3	inHg	0122407-02
F2	2020-12-23		0.19		SE	125	1.8	passive	ERG	0.0515	A21013	5.1	inHg	1010625-02
F2	2020-12-29		0.46	2	E	94	1.1	passive	ERG	0.0515	114366	0.0	inHg	1010524-02
F2	2021-01-04		0.15		NW	318	1.4	passive	ERG	0.0515	A21026	3.8	inHg	1011516-02
F2	2021-01-10	QA	1.62		N	9	0.8	passive	ERG	0.0515	SAT161	3	inHg	1012723-03
F2	2021-01-10		1.28		N	9	0.8	passive	ERG	0.0515	18889	2.3	inHg	1012723-02
F2	2021-01-16		0.39	LK	W	272	3.1	passive	ERG	0.0515	AZ45	3	inHg	1012723-05
F2	2021-01-22		0.25		NNW	329	1	passive	ERG	0.0515	33544	3.9	inHg	1020317-02
F2	2021-01-28		0.82		NW	325	5.5	passive	ERG	0.0515	SAT014	3.3	inHg	1020425-02
F2	2021-02-03		0.27		NW	312	3.5	passive	ERG	0.0472	35143	2.8	inHg	1021020-03
F2	2021-02-09	QA	0.31		NE	41	1	passive	ERG	0.0472	SAT009	1.8	inHg	1021837-03
F2	2021-02-09		0.18		NE	41	1	passive	ERG	0.0472	18874	4.1	inHg	1021837-02
F2	2021-02-15		0.26	LK	E	83	2.8	passive	ERG	0.0472	SAT159	4.6	inHg	1030327-02
F2	2021-02-21		0.13		SE	136	2.6	passive	ERG	0.0472	SAT070	2.3	inHg	1030327-03
F2	2021-02-27		0.54	LK	NE	54	1.6	passive	ERG	0.0472	SAT110	3.7	inHg	1031122-02
F2	2021-03-05			AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F2	2021-03-11		0.36	2	WNW	302	1.1	passive	ERG	0.0472	18825	6.8	inHg	1031636-02
F2	2021-03-17		0.10	2	E	79	2.5	passive	ERG	0.0472	110335	6.9	inHg	1032433-02
F2	2021-03-23	QA	0.16		E	98	3	passive	ERG	0.0472	110342	5.8	inHg	1040731-01

F2	2021-03-23		0.11	2	E	98	3	passive	ERG	0.0472	110306	7.5	inHg	1040823-02
F2	2021-03-29		0.18	2	NE	41	1.5	passive	ERG	0.0472	114340	8.1	inHg	1041342-01
F2	2021-04-04		0.52	2	NW	321	0.7	passive	ERG	0.0472	SAT180	6.1	inHg	1042216-02
F2	2021-04-10		0.52	LK, 2	S	175	2.9	passive	ERG	0.0472	AZ52	8	inHg	1042216-04
F2	2021-04-16		0.26	2	N	4	0.9	passive	ERG	0.0472	18882	7.8	inHg	1042934-02
F2	2021-04-22	QA	0.19	2	NW	321	1.3	passive	ERG	0.0472	114366	0.0	inHg	1050322-02
F2	2021-04-22		0.18		NW	321	1.3	passive	ERG	0.0472	A21034	5.2	inHg	1043023-01
F2	2021-04-28		0.42	2	SW	232	1.6	passive	ERG	0.0472	A22328	7.9	inHg	1051721-01
F2	2021-05-04		0.27		SW	219	2.2	passive	ERG	0.0472	114348	5.8	inHg	1051941-02
F2	2021-05-10		1.08	2	W	268	2.2	passive	ERG	0.0472	A21098	8.5	inHg	1051941-05
F2	2021-05-16		0.14	2	SW	222	1.4	passive	ERG	0.0472	18822	6.9	inHg	1060324-03
F2	2021-05-22		0.46	2	NE	40	0.5	passive	ERG	0.0472	19646	7.1	inHg	1060324-04
F2	2021-05-28		0.33	LK	SW	219	2.8	passive	ERG	0.0472	19296	4.3	inHg	1060836-03
F2	2021-05-28	QA	0.21	LK	SW	219	2.8	passive	ERG	0.0472	A21109	5.1	inHg	1060923-01
F2	2021-06-03		0.26		SW	232	1.5	passive	ERG	0.0472	19663	8.00	inHg	1060923-02
F2	2021-06-15		0.37		NNW	328	2.6	passive	ERG	0.0472	A21036	7.80	inHg	1070115-02
F2	2021-06-15	QA	0.20		NNW	328	2.6	passive	ERG	0.0472	114386	8.50	inHg	1070206-01
F2	2021-06-27		0.57	LK	SE	126	1.9	passive	ERG	0.0472	SAT028	7.80	inHg	1072321-02
F2	2021-07-15		0.48	D-F	NW	311	0.9		ERG	0.0472	111219	7.90	inHg	1072937-02
F2	2021-07-15	QA	0.36	D-F	NW	311	0.9		ERG	0.0472	110257	3.20	inHg	1072937-03
F2	2021-07-27		0.39		NNW	338	0.9		ERG	0.0472	A21108	6.90	inHg	1080603-02
F2	2021-08-02		1.12	LK	NNW	345	1.3		ERG	0.0472	A21095	6.90	inHg	1081307-01
F2	2021-08-14	QA	0.55	D-F	ENE	66	1.7		ERG	0.0472	110306	8.20	inHg	1090130-03
F2	2021-08-14		0.36	D-F	ENE	66	1.7		ERG	0.0472	111217	4.10	inHg	1090130-02
F2	2021-08-26		0.24		SE	144	1.2		ERG	0.0472	35151	4.60	inHg	1090319-02
F2	2021-09-07	QA	0.28		ENE	58	1.2		ERG	0.0472	110258	6.90	inHg	1091619-02
F2	2021-09-07		0.26		ENE	58	1.2		ERG	0.0472	114386	3.10	inHg	1091619-01
F2	2021-09-19		0.54		ENE	62	1.3		ERG	0.0472	111219	6.50	inHg	1100617-01
F2	2021-10-01	QA	0.20		SE	131	0.9		EPD	0.0288	114350	6.90	inHg	AK87169
F2	2021-10-01		0.14		SE	131	0.9		EPD	0.0288	114380	7.50	inHg	AK87170
F2	2021-10-13		0.39		SW	227	0.3		EPD	0.0288	110321	4.90	inHg	AK87858
F2	2021-10-31		0.40		NW	317	2.7		EPD	0.0288	111205	0	inHg	AK88026
F3	2020-08-13		1.76		W	271	1.1	passive	ERG	0.0515	18883	4.8	inHg	0082115-04
F3	2020-08-19		3.67	LK, 2	NE	54	1.4	passive	ERG	0.0515	5103	13.8	inHg	0082739-03
F3	2020-08-25		0.91	2	ENE	59	1.5	passive	ERG	0.0515	18833	0.0	inHg	0090238-03
F3	2020-08-31		0.99	2	WNW	290	1	passive	ERG	0.0515	A21040	0.0	inHg	0090830-03
F3	2020-09-06		4.34	2, LK	NE	55	1.4	passive	ERG	0.0515	SAT157	0.0	inHg	0092333-03
F3	2020-09-12		2.87	LK, 2	E	90	2.3	passive	ERG	0.0515	AZ45	0.0	inHg	0092333-06

F3	2020-09-18	5.91		NNW	341	1.3	passive	ERG	0.0515	19280	5.6	inHg	0092510-02
F3	2020-09-24	1.63	2	E	100	2.5	passive	ERG	0.0515	SAT101	7.5	inHg	0100212-03
F3	2020-09-30	0.45	LK	W	267	1.6	passive	ERG	0.0515	5077	3.1	inHg	0100834-03
F3	2020-10-06	1.08		NE	40	0.8	passive	ERG	0.0515	19282	2.9	inHg	0101530-03
F3	2020-10-12	5.75	2	W	276	1.7	passive	ERG	0.0515	35138	0.0	inHg	0102301-03
F3	2020-10-18	1.03		E	79	2.1	passive	ERG	0.0515	111211	1.8	inHg	0102915-03
F3	2020-10-24	4.79	2	N	0	0.6	passive	ERG	0.0515	111217	12.5	inHg	0110528-03
F3	2020-10-30		AP	NW	319	4	passive	ERG		19276	VOID		No sample ID possible
F4	2021-01-16	0.09		W	272	3.1	passive	ERG	0.0515	33498	3.8	inHg	1012723-06
F4	2021-01-22	0.00	ND, U	NNW	329	1	passive	ERG	0.0515	19663	3.9	inHg	1020317-03
F4	2021-01-28	0.00	ND, U	NW	325	5.5	passive	ERG	0.0515	SAT085	3.3	inHg	1020425-03
F4	2021-02-03	0.00	ND, U	NW	312	3.5	passive	ERG	0.0472	111217	3.1	inHg	1021020-04
F4	2021-02-09	0.11		NE	41	1	passive	ERG	0.0472	114348	4.5	inHg	1021837-04
F4	2021-02-15	QA	0.28	E	83	2.8	passive	ERG	0.0472	SAT033	4.7	inHg	1030327-05
F4	2021-02-15	0.24		E	83	2.8	passive	ERG	0.0472	SAT157	4.7	inHg	1030327-04
F4	2021-02-21	0.43	LK	SE	136	2.6	passive	ERG	0.0472	SAT142	2	inHg	1030327-06
F4	2021-02-27	0.11		NE	54	1.6	passive	ERG	0.0472	19660	3.9	inHg	1031122-03
F4	2021-03-05		AF	NW	325	2.2	passive				Did Not Collect		No sample ID possible
F4	2021-03-11	0.33	LK	WNW	302	1.1	passive	ERG	0.0472	SAT058	5.8	inHg	1031636-03
F4	2021-03-17	0.29		E	79	2.5	passive	ERG	0.0472	SAT087	4.1	inHg	1032433-03
F4	2021-03-23	0.13		E	98	3	passive	ERG	0.0472	18824	5.0	inHg	1040823-03
F4	2021-03-29	0.09		NE	41	1.5	passive	ERG	0.0472	18879	5.3	inHg	1041410-02
F4	2021-04-04	0.15		NW	321	0.7	passive	ERG	0.0472	18884	3.5	inHg	1042123-01
F4	2021-04-10	0.70		S	175	2.9	passive	ERG	0.0472	SAT042	5.9	inHg	1042216-05
F4	2021-04-16	0.10		N	4	0.9	passive	ERG	0.0472	2527	5	inHg	1042934-03
F4	2021-04-22	0.09	2	NW	321	1.3	passive	ERG	0.0472	33327	0.0	inHg	1050322-03
F4	2021-04-28	0.40		SW	232	1.6	passive	ERG	0.0472	2240	5.9	inHg	1051247-02
F4	2021-05-04	0.07		SW	219	2.2	passive	ERG	0.0472	19278	5.9	inHg	1051941-03
F4	2021-05-10	0.10		W	268	2.2	passive	ERG	0.0472	18884	4.8	inHg	1051941-06
F4	2021-05-16	0.15		SW	222	1.4	passive	ERG	0.0472	111217	4.7	inHg	1060324-05
F4	2021-05-22	0.22	2	NE	40	0.5	passive	ERG	0.0472	33491	0.0	inHg	1060242-02
F4	2021-05-28	0.21	LK	SW	219	2.8	passive	ERG	0.0472	19652	2.8	inHg	1060923-03
F4	2021-06-03	0.20		SW	232	1.5	passive	ERG	0.0472	33498	0	inHg	1060836-04
F4	2021-06-15	0.27		NNW	328	2.6	passive	ERG	0.0472	33529	6.20	inHg	1070115-03
F4	2021-06-27	1.55	LK	SE	126	1.9	passive	ERG	0.0472	35131	5.00	inHg	1072321-03
Fulton FB	2020-02-21	0.00	U, ND	NW	312	4	Field Blank	ERG		A21096	Field Blank		0030234-03
Fulton FB	2020-05-26	0.03	LK, U				Field Blank	ERG		35118	Field Blank		0052919-01
Fulton FB	2020-06-23	0.00	U, ND				Field Blank	ERG	0.0515	19300	Field Blank		0062612-03

Fulton FB	2020-07-22	0.00	U, ND	N	8	1.4	Field Blank	ERG	0.0515	A21012	Field Blank	0072931-03		
Fulton FB	2020-09-29		AR				Field Blank	ERG		SAT027	Field Blank	0100212-04		
Fulton FB	2020-11-24	0.01	U, LK				Field Blank	ERG	0.0515	SAT037	Field Blank	0120412-05		
Fulton FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	18836	Field Blank	1011329-01		
Fulton FB	2021-01-27	0.00	ND, U				Field Blank	ERG	0.0515	5101	Field Blank	1020317-04		
Fulton FB	2021-04-27	0.04	U				Field Blank	ERG	0.0472	SAT029	Field Blank	1050524-01		
Fulton FB	2021-05-27	0.00	ND, U				Field Blank	ERG	0.0472	33540	Field Blank	1060242-01		
Fulton FB	2021-06-24	0.00	ND, U				Field Blank	ERG	0.0472	A21031	Field Blank	1070115-04		
Fulton FB	2021-07-26	0.12					Field Blank	ERG	0.0472	35108	Field Blank	1072937-04		
Fulton FB	2021-08-24		U				Field Blank	ERG	0.0472	35139	Field Blank	1090130-01		
Fulton FB	2021-09-14		U				Field Blank	ERG	0.0472	18832	Field Blank	1091619-03		
Fulton FB	2021-10-27	0.00					Field Blank	EPD	0.0288	110313	Field Blank	AK88027		
General Coffee	2019-09-19	0.62	LK	E	80	3.9	Xonteck 911	ERG	0.0452	N4075	20	inHg	9092734-01	
General Coffee	2019-09-30		AN				Xonteck 911	ERG		N4112	20	inHg	9100409-01	
General Coffee	2019-10-12	0.06		ESE	139	0.6	Xonteck 911	ERG	0.0452	2767	19	inHg	9101529-01	
General Coffee	2019-10-24	0.08		E	84	3.3	Xonteck 911	ERG	0.0452	A21071	20	inHg	9110120-01	
General Coffee	2019-11-05	0.17		NE	42	1.5	Xonteck 911	ERG	0.0452	SAT099	19	inHg	9111358-01	
General Coffee	2019-11-19	0.12	LK	W	285	1.7	Xonteck 911	ERG	0.0452	5136	22	inHg	9112612-01	
General Coffee	2019-11-29	0.15	LK	ENE	64	0.1	Xonteck 911	ERG	0.0452	SAT135	23	inHg	9120613-01	
General Coffee	2019-12-11	0.27	LK	NNE	19	4.1	Xonteck 911	ERG	0.0452	5022	21	inHg	9122020-01	
General Coffee	2019-12-23	0.04	U	WNW	320	2.4	Xonteck 911	ERG	0.0452	18870	21	inHg	9122720-01	
General Coffee	2020-01-04	0.36		WNW	320	5.3	Xonteck 911	ERG	0.0452	SAT160	20	inHg	0011011-01	
General Coffee	2020-01-16		AS	2	NW	311	2.8	Xonteck 911	ERG	0.0452	A21083	20	inHg	0012417-01
General Coffee	2020-01-28	0.35		N	0	1.5	Xonteck 911	ERG	0.0452	SAT168	21	inHg	0021033-01	
General Coffee	2020-02-09	0.08		E	88	2.3	Xonteck 911	ERG	0.0452	A21054	23	inHg	0021823-01	
General Coffee	2020-02-21	0.08	LK	NE	35	5.5	Xonteck 911	ERG	0.0452	A21035	22	inHg	0030237-01	
General Coffee	2020-03-04	0.47		E	87	2	Xonteck 911	ERG	0.0515	SAT056	21	psig	0031322-01	
General Coffee	2020-03-16		AF	ESE	101	2.5	Xonteck 911	ERG			Did Not Collect		No sample ID possible	
General Coffee	2020-03-22	0.14	LK	ENE	69	3	Xonteck 911	ERG	0.0515	5035	21	psig	0040215-01	
General Coffee	2020-03-28	0.12		SW	227	3	Xonteck 911	ERG	0.0515	A21072	21	psig	0040215-02	
General Coffee	2020-04-09	0.18		W	281	3.2	Xonteck 911	ERG	0.0515	19645	22	psig	0042017-01	
General Coffee	2020-04-21		AF	WNW	285	2.3	Xonteck 911				Did Not Collect		No sample ID possible	
General Coffee	2020-04-27	1.07	2	NNW	330	2.6	Xonteck 911	ERG	0.0515	SAT063	23	psig	0050710-01	
General Coffee	2020-05-03	0.63	2, I-02	WSW	245	1.8	Xonteck 911	ERG	0.0515	SAT142	21	psig	0051506-01	
General Coffee	2020-05-15	0.57	LK, 2	ESE	115	2.2	Xonteck 911	ERG	0.0515	5064	22	psig	0052201-01	
General Coffee	2020-05-27		AF	ENE	60	1.7	Xonteck 911				Did Not Collect		No sample ID possible	
General Coffee	2020-06-02	0.20	2	ESE	110	1.8	Xonteck 911	ERG	0.0515	33535	19	psig	0061524-01	
General Coffee	2020-06-08	0.48	2	SSW	210	1.5	Xonteck 911	ERG	0.0515	SAT053	21	psig	0061907-01	



General Coffee	2020-06-20	0.52		2	SW	216	0.66	Xonteck 911	ERG	0.0515	SAT074	22	psig	0062610-01
General Coffee	2020-07-02		SC	LK, 2	W	267	1.8	Xonteck 911	ERG	0.0515	35124	21	psig	0071020-01
General Coffee	2020-07-14	1.52		LK, 2	W	258	1.2	Xonteck 911	ERG	0.0515	AZ38	22	psig	0072337-01
General Coffee	2020-07-26	0.38		LK, 2	E	99	1.5	Xonteck 911	ERG	0.0515	5136	21	psig	0080616-01
General Coffee	2020-08-07	0.34		2	S	189	1.2	Xonteck 911	ERG	0.0515	A21009	23	psig	0081411-01
General Coffee	2020-08-19	0.18		LK	SSE	154	0.5	Xonteck 911	ERG	0.0515	5141	20	psig	0082819-01
General Coffee	2020-08-31	1.02		2	W	266	1.2	Xonteck 911	ERG	0.0515	SAT082	21	psig	0091422-01
General Coffee	2020-09-12	0.20		2	E	86	2.7	Xonteck 911	ERG	0.0515	18879	22	psig	0092511-01
General Coffee	2020-09-24		AF		SE	138	1.5	Xonteck 911				Did Not Collect		No sample ID possible
General Coffee	2020-09-30	0.11		2	NNW	336	1	Xonteck 911	ERG	0.0515	18835	22	psig	0100913-01
General Coffee	2020-10-06	0.21		2	ENE	60	2.8	Xonteck 911	ERG	0.0515	19641	22	psig	0101607-01
General Coffee	2020-10-18	0.24		2	ENE	67	2.7	Xonteck 911	ERG	0.0515	A21086	21	psig	0102918-01
General Coffee	2020-10-30	0.22		2	NNW	332	3	Xonteck 911	ERG	0.0515	A21028	23	psig	0110605-01
General Coffee	2020-11-11	2.78		LK, 2	ESE	122	1.7	Xonteck 911	ERG	0.0515	35103	22	psig	0112316-01
General Coffee	2020-11-23	0.05		VB, 2, U	N	357	2.1	Xonteck 911	ERG	0.0515	19284	24	psig	0120409-01
General Coffee	2020-12-05	0.19		2, LK	NNW	327	2.4	Xonteck 911	ERG	0.0515	A21073			0121804-01
General Coffee	2020-12-17	0.04		2, VB, U	NW	313	2.3	Xonteck 911	ERG	0.0515	18829	21	psig	0122329-01
General Coffee	2020-12-29		AF		E	87	1.4	Xonteck 911				Did Not Collect		No sample ID possible
General Coffee	2021-01-04	0.04		2, VB, U	NW	316	1.3	Xonteck 911	ERG	0.0515	33243	22	psig	1011926-01
General Coffee	2021-01-10		AF		NNW	346	0.8	Xonteck 911	ERG			Did Not Collect		No sample ID possible
General Coffee	2021-01-16		AF		W	273	3	Xonteck 911	ERG		18869	Did Not Collect		1012901-01
General Coffee	2021-01-22	0.99		LK, 2	N	8	1.5	Xonteck 911	ERG	0.0515	SAT101	22	psig	1012901-02
General Coffee	2021-02-03		AF		NW	316	2.3	Xonteck 911	ERG			Did Not Collect		No sample ID possible
General Coffee	2021-02-09		AN		ESE	108	0.8	Xonteck 911	ERG		114340	VOID		1022520-01
General Coffee	2021-02-15		AF		SSE	147	2.8	Xonteck 911	ERG			Did Not Collect		No sample ID possible
General Coffee	2021-02-21	0.19			ESE	105	2.7	Xonteck 911	ERG	0.0472	SAT109	19	psig	1030427-01
General Coffee	2021-02-27	0.00		ND, U, 2	WSW	239	1.3	Xonteck 911	ERG	0.0472	19647	21	psig	1030427-02
General Coffee	2021-03-11	0.06		2	SSE	148	0.9	Xonteck 911	ERG	0.0472	18823	22	psig	1031827-02
General Coffee	2021-03-11		AR		SSE	148	0.9	passive	ERG		19643	VOID		1031827-01
General Coffee	2021-03-23	0.43		LK, 2	E	87	1.5	passive	ERG	0.0472	SAT183	0.0	inHg	1040213-02
General Coffee	2021-03-23		AR		E	87	1.5	Xonteck 911	ERG		SAT156	VOID		1040213-01
General Coffee	2021-04-04	0.50		LK, 2	WSW	238	0.5	Xonteck 911	ERG	0.0472	SAT125	23	psig	1041610-01
General Coffee	2021-04-16	0.53		LK, 2	NNE	21	1.4	Xonteck 911	ERG	0.0472	AZ50	23	psig	1042306-01
General Coffee	2021-04-28	0.39		LK, 2	NW	307	3.8	Xonteck 911	ERG	0.0472	A21007	22	psig	1051017-01
General Coffee	2021-05-10	0.79		LK, 2	WSW	240	2.6	Xonteck 911	ERG	0.0472	SAT077	21	psig	1052114-01
General Coffee	2021-05-22	0.25		LK, 2	E	88	1.7	Xonteck 911	ERG	0.0472	N4114	22	psig	1052813-01
General Coffee	2021-06-03	0.18			S	191	0.8	Xonteck 911	ERG	0.0472	SAT085	23.00	psig	1061030-01
General Coffee	2021-06-15		AF		W	263	2.8	Xonteck 911						No sample ID possible

General Coffee	2021-06-17	0.12		ENE	75	1.2	Xonteck 911	ERG	0.0472	9570	19.00	psig	1062411-01
General Coffee	2021-06-27	0.32	LK	ESE	108	2	Xonteck 911	ERG	0.0472	SAT109	23.00	psig	1070111-01
General Coffee	2021-07-15	0.06	2	SSE	158	0.7	Xonteck 911	ERG		110342	23.00	psig	1072117-01
General Coffee	2021-07-27	0.11	2	W	278	0.9	Xonteck 911	ERG		18829	23.00	psig	1081725-01
General Coffee	2021-08-14		AN										No sample ID possible
General Coffee	2021-08-20	0.08	2	WNW	302	1.3	Xonteck 911	ERG		19658	22.00	psig	1082630-01
General Coffee	2021-09-13	0.5	LK	NE	51	0.7	Xonteck 911	ERG		SAT068	22.00	psig	1100430-01
General Coffee	2021-09-25	0.13		NNE	18	0.9	Xonteck 911	ERG		114344	22.00	psig	1100811-01
General Coffee	2021-10-13	0.08	2	ENE	71	1.0	Xonteck 911	ERG		110314	20.00	psig	1102225-01
General Coffee	2021-10-25		AF										No sample ID possible
General Coffee	2021-10-31		AA	NW	306	1.8	Xonteck 911	ERG		35157	0	psig	1111538-01
NR285	2020-03-10	0.37	2	SW	215	0.3	Xonteck 910	ERG	0.0515	A21033	0	inHg	0031723-01
NR285	2020-03-22	0.37		E	90	0.8	Xonteck 910	ERG	0.0515	A22329	18.70	psig	0040114-03
NR285	2020-05-09	0.07	2	WNW	291	0.3	Xonteck 910	ERG	0.0515	19647	18.10	psig	0051509-01
NR285	2020-06-14	0.26		ESE	119	0.1	Xonteck 910	ERG	0.0515	A21046	18.80	psig	0062523-01
NR285	2021-01-04	0.07		WNW	287	0.3	Xonteck 910	ERG	0.0515	SAT053	18.90	psig	1011328-05
NR285	2021-01-16	0.11		WNW	287	0.8	Xonteck 910	ERG	0.0515	35157	18.20	psig	1012725-03
NR285	2021-01-28	0.00	ND, U, 2	NW	319	1.2	Xonteck 910	ERG	0.0515	19288	12.8	psig	1020518-03
NR285	2021-02-09	0.34		ENE	60	0.1	Xonteck 910	ERG	0.0472	SAT107	18.3	inHg	1021909-02
NR285	2021-02-09	0.08		ENE	60	0.1	passive	ERG	0.0472	114322	2.0	inHg	1021909-01
NR285	2021-02-21	0.24		SE	125	0.8	passive	ERG	0.0472	A21099	1.8	inHg	1030511-05
NR285	2021-02-21	0.08		SE	125	0.8	Xonteck 910	ERG	0.0472	A21044	17.9	psig	1030511-06
NR285	2021-04-22	0.05		WNW	290	0.2	Xonteck 910	ERG	0.0472	19295	19	psig	1050320-01
NR285	2021-05-04	0.08	2	SSW	212	0.1	Xonteck 910	ERG	0.0472	19283	19.5	psig	1051938-01
NR285	2021-05-16	0.54	2	SSW	205	0.2	Xonteck 910	ERG	0.0472	A21012	19	psig	1060326-01
S1	2019-09-24		AN	NW	304	2.5	passive	ERG		SAT004	29.0	inHg	9092733-01
S1	2019-09-26		AN	NW	313	1.7	passive				VOID		No sample ID possible
S1	2019-09-30	0.19	LK	N	7	0.9	passive	ERG	0.0452	18831	4.1	inHg	9100318-01
S1	2019-10-03	0.31	LK	WNW	303	0.8	passive	ERG	0.0452	18833	5.0	inHg	9100921-02
S1	2019-10-06	0.06		E	87	3.8	passive	ERG	0.0452	19653	3.8	inHg	9100921-06
S1	2019-10-12	0.21	LK	NW	304	2.2	passive	ERG	0.0452	5013	5.3	inHg	9101802-01
S1	2019-10-18	0.12	LK	E	85	2.3	passive	ERG	0.0452	5017	4.0	inHg	9102414-01
S1	2019-10-24	0.10	LK	E	85	1.8	passive	ERG	0.0452	A21069	4.0	inHg	9103068-01
S1	2019-11-20	0.27	LK, 2	NW	310	3.2	passive	ERG	0.0452	SAT003	6.5	inHg	9112204-01
S1	2019-11-23	0.36	LK, 2	WSW	244	4.2	passive	ERG	0.0452	AZ39	8.0	inHg	9112712-01
S1	2019-11-29	0.16	LK, 2	NW	317	1.3	passive	ERG	0.0452	SAT155	7.0	inHg	9120611-01
S1	2019-12-05	0.16	LK	WNW	295	2.1	passive	ERG	0.0452	19668	3.2	inHg	9121206-01
S1	2019-12-11	0.22	LK	NW	320	3.1	passive	ERG	0.0452	SAT079	4.9	inHg	9121840-01

S1	2019-12-17	0.37	LK, 2	WNW	294	6.1	passive	ERG	0.0452	5019	8.2	inHg	0010321-01
S1	2019-12-23		AN	ENE	67	4.7	passive	ERG		5077	1.2	inHg	0010321-05
S1	2019-12-31	0.05	2, U	W	275	6.2	passive	ERG	0.0452	18808	0.0	inHg	0010716-01
S1	2020-01-04	0.24	2, LK	WNW	285	7.3	passive	ERG	0.0452	SAT080	0.0	inHg	0011422-01
S1	2020-01-10	0.30	LK	ESE	104	5.5	passive	ERG	0.0452	5020	1.4	inHg	0011617-01
S1	2020-01-16	0.70	LK	NW	311	5.4	passive	ERG	0.0452	5051	2.4	inHg	0012315-01
S1	2020-01-22	0.73	2	ENE	78	2.2	passive	ERG	0.0452	SAT014	0.0	inHg	0013009-01
S1	2020-01-28	0.32	2	WNW	301	2.5	passive	ERG	0.0452	SAT086	0.0	inHg	0020525-01
S1	2020-02-03	0.85	LK	SSW	211	1.9	passive	ERG	0.0452	5080	1.0	inHg	0021216-01
S1	2020-02-09	0.77	LK, 2	ESE	103	3	passive	ERG	0.0452	5129	10.2	inHg	0021825-01
S1	2020-02-15	0.28		E	93	2.4	passive	ERG	0.0452	19668	2.0	inHg	0022612-01
S1	2020-02-21	2.58	2, LK	NW	321	2.7	passive	ERG	0.0452	A21059	0.0	inHg	0030235-01
S1	2020-02-27	0.46	LK, 2	WNW	301	5.1	passive	ERG	0.0452	5121	0.0	inHg	0030536-01
S1	2020-03-04	0.18	LK, 2	WSW	241	1.6	passive	ERG	0.0515	19650	0.0	inHg	0031013-01
S1	2020-03-10	0.33		SSW	197	2.1	passive	ERG	0.0515	2240	4.2	inHg	0031722-01
S1	2020-03-28	0.18	2	SW	220	2.8	passive	ERG	0.0515	19297	6.9	inHg	0040817-01
S1	2020-04-03	0.13		WNW	284	1.7	passive	ERG	0.0515	18823	4.3	inHg	0041003-01
S1	2020-04-09	0.44		WNW	292	5	passive	ERG	0.0515	SAT082	6.0	inHg	0041620-01
S1	2020-04-15	0.22		NW	320	4.3	passive	ERG	0.0515	SAT096	3.9	inHg	0042217-01
S1	2020-04-21	0.86	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5086	5.8	inHg	0050113-01
S1	2020-04-27	0.11		WNW	302	3.5	passive	ERG	0.0515	18827	4.0	inHg	0050617-01
S1	2020-05-03	0.57	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5065	7.2	inHg	0051409-01
S1	2020-05-09	1.21	LK	NW	320	3.6	passive	ERG	0.0515	5040	4.7	inHg	0051830-01
S1	2020-05-15	0.11		SE	130	3.2	passive	ERG	0.0515	18870	5.9	inHg	0052846-01
S1	2020-05-21	0.07		E	85	1.7	passive	ERG	0.0515	19280	4.9	inHg	0052917-02
S1	2020-05-27	0.70		E	90	3.2	passive	ERG	0.0515	SAT111	5.8	inHg	0060506-01
S1	2020-06-02	0.57		S	185	1.7	passive	ERG	0.0515	SAT048	5.5	inHg	0061733-01
S1	2020-06-08	0.18		ESE	120	4.4	passive	ERG	0.0515	SAT044	6.0	inHg	0061733-05
S1	2020-06-14	1.29	LK, 2	ENE	70	1.7	passive	ERG	0.0515	5051	6.2	inHg	0062524-01
S1	2020-06-20	0.40	LK, 2	NW	321	1.5	passive	ERG	0.0515	5127	6.8	inHg	0062611-01
S1	2020-06-26	0.44		W	275	3.5	passive	ERG	0.0515	19289	5.5	inHg	0070604-01
S1	2020-07-02	0.14	2	WNW	301	2.1	passive	ERG	0.0515	19660	6.5	inHg	0070929-01
S1	2020-07-08	0.33	LK	W	280	1	passive	ERG	0.0515	5032	7.0	inHg	0071532-01
S1	2020-07-14	0.15		WSW	253	1.3	passive	ERG	0.0515	18870	6.0	inHg	0072413-01
S1	2020-07-20	1.10		WSW	258	1	passive	ERG	0.0515	SAT152	2.9	inHg	0072930-01
S1	2020-07-26	0.18	2	NNW	340	0.9	passive	ERG	0.0515	19662	0.0	inHg	0080535-01
S1	2020-08-01	0.67	LK	SW	216	2.9	passive	ERG	0.0515	SAT067	2.3	inHg	0081226-01
S1	2020-08-07	1.03	LK	NE	50	1.7	passive	ERG	0.0515	5090	2.9	inHg	0081932-01

S1	2020-08-13	0.56		ESE	109	1.7	passive	ERG	0.0515	A22330	2.1	inHg	0082116-01
S1	2020-08-19	1.10	LK, 2	SE	125	1.9	passive	ERG	0.0515	AZ53	10.0	inHg	0082740-01
S1	2020-08-25	1.11		E	97	1.2	passive	ERG	0.0515	SAT033	1.9	inHg	0090237-01
S1	2020-08-31	0.58		WSW	238	0.7	passive	ERG	0.0515	A21001	2.1	inHg	0090831-01
S1	2020-09-06	0.52	LK	ENE	57	1.7	passive	ERG	0.0515	AZ41	1.2	inHg	0092336-01
S1	2020-09-12	2.01		ESE	105	2.6	passive	ERG	0.0515	SAT011	2.9	inHg	0092336-04
S1	2020-09-18	0.48	LK	NNW	331	2.4	passive	ERG	0.0515	5043	3.5	inHg	0092509-01
S1	2020-09-24	0.40	LK	ESE	104	4.1	passive	ERG	0.0515	5128	3.2	inHg	0100211-01
S1	2020-09-30	0.09	2	WNW	283	1.8	passive	ERG	0.0515	110335	0.0	inHg	0100832-01
S1	2020-10-06	0.16		E	87	1.2	passive	ERG	0.0515	19658	1.8	inHg	0101529-01
S1	2020-10-12	1.10		WNW	283	1.9	passive	ERG	0.0515	A21006	2.0	inHg	0102302-01
S1	2020-10-18	0.15		E	94	2.4	passive	ERG	0.0515	114329	1.1	inHg	0102914-01
S1	2020-10-24	0.11	2	N	3	1.1	passive	ERG	0.0515	114348	10.4	inHg	0110518-01
S1	2020-10-30	1.55	2, LK	NW	310	4.8	passive	ERG	0.0515	SAT184	0.0	inHg	0110604-01
S1	2020-11-05	0.93	2, LK	E	93	0.8	passive	ERG	0.0515	SAT051	0.0	inHg	0111209-01
S1	2020-11-11	0.22		S	170	1.3	passive	ERG	0.0515	SAT061	3.5	inHg	0112512-01
S1	2020-11-17	0.73	2, LK	NW	314	4.7	passive	ERG	0.0515	35111	0.0	inHg	0112512-05
S1	2020-11-23	0.39	2, LK	NW	316	3.5	passive	ERG	0.0515	SAT110	0.0	inHg	0120410-01
S1	2020-11-29	0.28	LK	ESE	103	2.8	passive	ERG	0.0515	5145	2.8	inHg	0120410-02
S1	2020-12-05	0.07		WNW	291	3.5	passive	ERG	0.0515	19290	1.0	inHg	0121638-01
S1	2020-12-11	0.16	LK	SSE	148	1	passive	ERG	0.0515	5054	2.3	inHg	0122325-01
S1	2020-12-17	0.44	2	WNW	293	4.8	passive	ERG	0.0515	35147	0.0	inHg	0122408-01
S1	2020-12-23	0.10		ESE	114	3.3	passive	ERG	0.0515	19642	2.1	inHg	1010627-01
S1	2020-12-29	0.09		E	100	2	passive	ERG	0.0515	110322	2.1	inHg	1010523-01
S1	2021-01-04	0.07		SSW	292	1.9	passive	ERG	0.0515	19278	1.7	inHg	1011515-01
S1	2021-01-10	0.25	2, LK	ENE	60	1.5	passive	ERG	0.0515	SAT110	0.0	inHg	1012724-01
S1	2021-01-16	0.10		W	268	4.4	passive	ERG	0.0515	19340	1.0	inHg	1012724-06
S1	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19277	0.0	inHg	1020318-01
S1	2021-01-28	0.50		NW	317	6.6	passive	ERG	0.0515	SAT058	1.6	inHg	1020424-01
S1	2021-02-03	0.39	2	NW	308	4.2	passive	ERG	0.0472	SAT069	0.0	inHg	1021021-01
S1	2021-02-03	QA	2	NW	308	4.2	passive	ERG	0.0472	114336	0.0	inHg	1021021-02
S1	2021-02-09	0.08		ENE	69	1.5	passive	ERG	0.0472	9570	2.1	inHg	1021828-01
S1	2021-02-15	0.30		E	98	3.7	passive	ERG	0.0472	SAT184	2.8	inHg	1030328-01
S1	2021-02-21	0.28	2	ESE	122	4.3	passive	ERG	0.0472	SAT039	0.0	inHg	1030328-06
S1	2021-02-27	0.13	2	ESE	107	2.4	passive	ERG	0.0472	19289	0.0	inHg	1031031-01
S1	2021-03-05		AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S1	2021-03-11	0.12		SSW	194	1.6	passive	ERG	0.0472	18817	5.9	inHg	1031638-01
S1	2021-03-17	0.27	2	ESE	103	3.1	passive	ERG	0.0472	213	8.2	inHg	1032431-01

S1	2021-03-23	0.13	2	ESE	110	4.3	passive	ERG	0.0472	18836	8.6	inHg	1040821-01
S1	2021-03-29		AA	NNW	343	2.1	passive	ERG	0.0472	18836	VOID		1041340-01
S1	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	33235	5.8	inHg	1042122-01
S1	2021-04-10	0.17		SSE	161	3.8	passive	ERG	0.0472	19654	6.0	inHg	1042219-04
S1	2021-04-16	0.24	2	NNW	333	2.2	passive	ERG	0.0472	A21055	0.0	inHg	1042935-01
S1	2021-04-22	0.16	2	WNW	290	1.7	passive	ERG	0.0472	A21036	6.2	inHg	1043024-01
S1	2021-04-28	0.14		SSW	204	1.7	passive	ERG	0.0472	114322	6.0	inHg	1051246-01
S1	2021-05-04	0.20		SSW	200	2.5	passive	ERG	0.0472	33503	5.2	inHg	1051939-01
S1	2021-05-10	0.09	2	W	278	3	passive	ERG	0.0472	114386	6.4	inHg	1051939-05
S1	2021-05-16	0.22		SSW	198	1.2	passive	ERG	0.0472	19654	5.1	inHg	1060325-01
S1	2021-05-22	0.20	2	ENE	69	1.1	passive	ERG	0.0472	19294	6.1	inHg	1060325-02
S1	2021-05-28	0.44	LK	SW	232	3.2	passive	ERG	0.0472	A21073	4	inHg	1060925-01
S1	2021-06-03	0.22		SSW	212	2.4	passive	ERG	0.0472	19281	5.80	inHg	1060837-01
S1	2021-06-15	0.00	ND, CE, U	NW	310	4	passive	ERG	0.0472	A21070	7.40	inHg	1070113-02
S1	2021-06-27	0.32		SE	126	2.4	passive	ERG	0.0472	A21000	5.80	inHg	1072322-01
S1	2021-07-15	0.18		WSW	252	1.3		ERG	0.0472	33535	9.80	inHg	1072938-01
S1	2021-07-27	0.67	LK	NE	37	1.5		ERG	0.0472	A21106	5.10	inHg	1080604-01
S2	2019-09-24	0.33	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	SAT023	6.5	inHg	9092733-02
S2	2019-09-26	0.22	LK, 2	NW	313	1.7	passive	ERG	0.0452	A21104	6.1	inHg	9100318-02
S2	2019-09-30	0.30	LK, 2	N	7	0.9	passive	ERG	0.0452	SAT155	0.0	inHg	9100318-03
S2	2019-10-03	0.40	LK	WNW	303	0.8	passive	ERG	0.0452	SAT135	4.9	inHg	9100921-04
S2	2019-10-06	0.12	LK	E	87	3.8	passive	ERG	0.0452	5005	5.9	inHg	9100921-09
S2	2019-10-12	0.27	LK	NW	304	2.2	passive	ERG	0.0452	5040	4.8	inHg	9101802-02
S2	2019-10-18	0.07		E	85	2.3	passive	ERG	0.0452	18882	2.1	inHg	9102414-02
S2	2019-10-24	0.05		E	85	1.8	passive	ERG	0.0452	19300	3.2	inHg	9103068-02
S2	2019-11-20	0.19	LK	NW	310	3.2	passive	ERG	0.0452	5005	2.9	inHg	9112204-02
S2	2019-11-23	0.39		WSW	244	4.2	passive	ERG	0.0452	SAT049	3.1	inHg	9112712-02
S2	2019-11-29	0.16	LK	NW	317	1.3	passive	ERG	0.0452	SAT086	3.1	inHg	9120611-02
S2	2019-12-05	0.16	LK, 2	WNW	295	2.1	passive	ERG	0.0452	SAT030	0.0	inHg	9121206-02
S2	2019-12-11	0.03	U, 2	NW	320	3.1	passive	ERG	0.0452	19299	0.0	inHg	9121840-02
S2	2019-12-17	0.36	2	WNW	294	6.1	passive	ERG	0.0452	SAT091	0.0	inHg	0010321-02
S2	2019-12-23		AF	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S2	2019-12-31		AF	W	275	6.2	passive				Did Not Collect		No sample ID possible
S2	2020-01-04		AF	WNW	285	7.3	passive				Did Not Collect		No sample ID possible
S2	2020-01-10	0.32	LK	ESE	104	5.5	passive	ERG	0.0452	AZ51	2.2	inHg	0011617-02
S2	2020-01-16	0.26	LK	NW	311	5.4	passive	ERG	0.0452	5146	4.1	inHg	0012315-02
S2	2020-01-22	0.10	2	ENE	78	2.2	passive	ERG	0.0452	SAT126	0.0	inHg	0013009-02
S2	2020-01-28	0.40	2	WNW	301	2.5	passive	ERG	0.0452	SAT076	0.0	inHg	0020525-02

S2	2020-02-03	0.78	2	SSW	211	1.9	passive	ERG	0.0452	SAT048	0.0	inHg	0021216-02
S2	2020-02-09		AO	ESE	103	3	passive	ERG		19276	VOID		0021825-02
S2	2020-02-15	0.80	2	E	93	2.4	passive	ERG	0.0452	SAT025	9.4	inHg	0022612-02
S2	2020-02-21		AN	NW	321	2.7	passive	ERG		18836	22.8	inHg	0030235-02
S2	2020-02-27	0.15	LK	WNW	301	5.1	passive	ERG	0.0452	19663	2.2	inHg	0030536-02
S2	2020-03-04	0.41	LK	WSW	241	1.6	passive	ERG	0.0515	SAT179	4.1	inHg	0031136-01
S2	2020-03-10	0.24		SSW	197	2.1	passive	ERG	0.0515	18877	3.2	inHg	0031722-02
S2	2020-03-28	0.78	LK	SW	220	2.8	passive	ERG	0.0515	SAT159	6.0	inHg	0040817-02
S2	2020-04-03	0.09		WNW	284	1.7	passive	ERG	0.0515	19296	4.1	inHg	0041003-02
S2	2020-04-09	0.54	LK	WNW	292	5	passive	ERG	0.0515	5023	6.0	inHg	0041620-02
S2	2020-04-15	0.48	LK	NW	320	4.3	passive	ERG	0.0515	5079	3.8	inHg	0042217-02
S2	2020-04-21	0.41	LK, 2	WNW	288	4.4	passive	ERG	0.0515	5101	4.9	inHg	0050113-02
S2	2020-04-27	1.26	LK, 2	WNW	302	3.5	passive	ERG	0.0515	5000	4.2	inHg	0050617-02
S2	2020-05-03		BI	WSW	255	2.6	passive	ERG		18879	5.7	inHg	0051409-02
S2	2020-05-09		BI	NW	320	3.6	passive	ERG		19297	2.0	inHg	0051505-01
S2	2020-05-15	0.57		SE	130	3.2	passive	ERG	0.0515	SAT183	5.3	inHg	0052846-02
S2	2020-05-21	0.78	LK	E	85	1.7	passive	ERG	0.0515	SAT184	4.1	inHg	0052917-03
S2	2020-05-27	0.80		NNW	330	2.6	passive	ERG	0.0515	35141	3.8	inHg	0060506-02
S2	2020-06-02	0.76	LK	S	185	1.7	passive	ERG	0.0515	5073	5.8	inHg	0061733-02
S2	2020-06-08	0.65		ESE	120	4.4	passive	ERG	0.0515	19662	4.8	inHg	0061733-06
S2	2020-06-14	1.04	LK	ENE	70	1.7	passive	ERG	0.0515	SAT159	4.0	inHg	0062524-02
S2	2020-06-20	0.59		NW	321	1.5	passive	ERG	0.0515	SAT103	5.2	inHg	0062611-02
S2	2020-06-26	0.51	LK	W	275	3.5	passive	ERG	0.0515	5077	5.2	inHg	0070604-02
S2	2020-07-02	0.20	LK	WNW	301	2.1	passive	ERG	0.0515	SAT051	5.6	inHg	0070929-02
S2	2020-07-08	0.18		W	280	1	passive	ERG	0.0515	19644	4.7	inHg	0071532-02
S2	2020-07-14	0.40		WSW	253	1.3	passive	ERG	0.0515	SAT024	5.8	inHg	0072413-02
S2	2020-07-20	0.31	2	WSW	258	1	passive	ERG	0.0515	19651	0.0	inHg	0072930-02
S2	2020-07-26	0.22		NNW	340	0.9	passive	ERG	0.0515	SAT044	1.8	inHg	0080535-02
S2	2020-08-01	1.00	2, LK	SW	216	2.9	passive	ERG	0.0515	SAT122	0.0	inHg	0081226-02
S2	2020-08-07	1.53	2	NE	50	1.7	passive	ERG	0.0515	SAT029	0.0	inHg	0081932-02
S2	2020-08-13	0.99	LK	ESE	109	1.7	passive	ERG	0.0515	5082	2.8	inHg	0082116-02
S2	2020-08-19	0.78		SE	125	1.9	passive	ERG	0.0515	SAT182	3.9	inHg	0082740-02
S2	2020-08-25	0.77	2	E	97	1.2	passive	ERG	0.0515	33266	14.0	inHg	0090237-02
S2	2020-08-31	0.60	2	WSW	238	0.7	passive	ERG	0.0515	18870	0.0	inHg	0090831-02
S2	2020-09-06	0.74	LK	ENE	57	1.7	passive	ERG	0.0515	5105	1.2	inHg	0092336-02
S2	2020-09-12	0.17		ESE	105	2.6	passive	ERG	0.0515	19288	2.8	inHg	0092336-05
S2	2020-09-18	1.29	LK	NNW	331	2.4	passive	ERG	0.0515	SAT109	2.1	inHg	0092509-02
S2	2020-09-24	0.58	3	ESE	104	4.1	passive	ERG	0.0515	A21095	2.8	inHg	0100211-02

S2	2020-09-30	0.82	3, LK	WNW	283	1.8	passive	ERG	0.0515	5063	2.8	inHg	0100832-02
S2	2020-10-06	0.10	3	E	87	1.2	passive	ERG	0.0515	33238	1.7	inHg	0101529-02
S2	2020-10-12	0.33	3	WNW	283	1.9	passive	ERG	0.0515	A21011	2.9	inHg	0102302-02
S2	2020-10-18	0.12	3	E	94	2.4	passive	ERG	0.0515	110252	1.2	inHg	0102914-02
S2	2020-10-24	0.13	2, 3	N	3	1.1	passive	ERG	0.0515	110258	9.8	inHg	0110518-02
S2	2020-10-30	0.15	2, 3	NW	310	4.8	passive	ERG	0.0515	18833	0.0	inHg	0110923-01
S2	2020-11-05	0.20	LK, 2, 3	E	93	0.8	passive	ERG	0.0515	AZ45	0.0	inHg	0111209-02
S2	2020-11-11	6.47	3, LK	S	170	1.3	passive	ERG	0.0515	35118	3.6	inHg	0112512-02
S2	2020-11-17	0.09	3	NW	314	4.7	passive	ERG	0.0515	33243	1.2	inHg	0112512-06
S2	2020-11-23	0.18	3	NW	316	3.5	passive	ERG	0.0515	35148	1.2	inHg	0120410-03
S2	2020-11-29	0.28	3, LK	ESE	103	2.8	passive	ERG	0.0515	5125	3.8	inHg	0120410-04
S2	2020-12-05	0.19	3, LK	WNW	291	3.5	passive	ERG	0.0515	SAT039	1.2	inHg	0121638-02
S2	2020-12-11	0.08	3	SSE	148	1	passive	ERG	0.0515	19648	2.1	inHg	0122325-02
S2	2020-12-17	0.05	2, 3, U	WNW	293	4.8	passive	ERG	0.0515	18835	0.0	inHg	0122408-02
S2	2020-12-23	0.05	3	ESE	114	3.3	passive	ERG	0.0515	AQL0397	1.9	inHg	1010627-02
S2	2020-12-29	0.25	3	E	100	2	passive	ERG	0.0515	SAT097	2.2	inHg	1010523-02
S2	2021-01-04	0.17	3	SSW	292	1.9	passive	ERG	0.0515	A21106	1.4	inHg	1011515-02
S2	2021-01-10	0.25	LK, 3, 2	ENE	60	1.5	passive	ERG	0.0515	SAT077	0.0	inHg	1012724-02
S2	2021-01-16	0.04	3, VB, U	W	268	4.4	passive	ERG	0.0515	19293	1.1	inHg	1012724-07
S2	2021-01-22	0.00	ND, U, 2, 3	NNW	329	1	passive	ERG	0.0515	A21034	0.0	inHg	1020318-02
S2	2021-01-28	0.00	ND, U, 3	NW	317	6.6	passive	ERG	0.0515	SAT151	1.8	inHg	1020424-02
S2	2021-02-03	0.00	ND, U, 3, 2	NW	308	4.2	passive	ERG	0.0472	114344	0.0	inHg	1021021-03
S2	2021-02-09	QA	LK, 3, 2	ENE	69	1.5	passive	ERG	0.0472	SAT122	0.0	inHg	1021828-03
S2	2021-02-09	0.06	3	ENE	69	1.5	passive	ERG	0.0472	111211	2.9	inHg	1021828-02
S2	2021-02-15	0.14	3, LK	E	98	3.7	passive	ERG	0.0472	AZ41	2.9	inHg	1030328-02
S2	2021-02-21	0.12	2, 3, LK	ESE	122	4.3	passive	ERG	0.0472	SAT028	0.0	inHg	1030328-07
S2	2021-02-27	0.07	3	ESE	107	2.4	passive	ERG	0.0472	33235	2.8	inHg	1031120-01
S2	2021-03-05		AF	NW	322	3.2	passive		0.0472		Did Not Collect		No sample ID possible
S2	2021-03-11	0.38	3, LK	SSW	194	1.6	passive	ERG	0.0472	5004	4.6	inHg	1031638-02
S2	2021-03-17	0.16	2, 3	ESE	103	3.1	passive	ERG	0.0472	110252	6.8	inHg	1032431-02
S2	2021-03-23	0.20	3	ESE	110	4.3	passive	ERG	0.0472	18872	3.7	inHg	1040821-02
S2	2021-03-29	0.40	3, LK	NNW	343	2.1	passive	ERG	0.0472	A21071	4.2	inHg	1041340-03
S2	2021-04-04	0.55	3, LK	WNW	291	1.7	passive	ERG	0.0472	SAT175	2.2	inHg	1042219-01
S2	2021-04-10	0.09	3	SSE	161	3.8	passive	ERG	0.0472	111217	4.5	inHg	1042219-05
S2	2021-04-16	0.08	3	NNW	333	2.2	passive	ERG	0.0472	19280	4.6	inHg	1042935-02
S2	2021-04-22	0.08	3	WNW	290	1.7	passive	ERG	0.0472	19288	1.8	inHg	1043024-02
S2	2021-04-28	0.30	3	SSW	204	1.7	passive	ERG	0.0472	44	5.0	inHg	1051246-02
S2	2021-05-04	0.30	3	SSW	200	2.5	passive	ERG	0.0472	A21106	4.2	inHg	1051939-02

S2	2021-05-10				0.09	3	W	278	3	passive	ERG	0.0472	18833	4.3	inHg	1051939-06
S2	2021-05-16				0.10	3	SSW	198	1.2	passive	ERG	0.0472	19657	3.8	inHg	1060325-03
S2	2021-05-22				0.13	3	ENE	69	1.1	passive	ERG	0.0472	19665	4	inHg	1060241-02
S2	2021-05-28				0.11	3	SW	232	3.2	passive	ERG	0.0472	111211	4.8	inHg	1060925-02
S2	2021-06-03				0.10	3	SSW	212	2.4	passive	ERG	0.0472	110342	5.20	inHg	1060837-02
S2	2021-06-15	QA			0.20		NW	310	4	passive	ERG	0.0472	111219	5.30	inHg	1070208-01
S2	2021-06-15				0.13		NW	310	4	passive	ERG	0.0472	110322	7.20	inHg	1070113-03
S2	2021-06-27				0.12		SE	126	2.4	passive	ERG	0.0472	19279	5.90	inHg	1072322-02
S2	2021-07-15				0.17		WSW	252	1.3		ERG	0.0472	110258	6.90	inHg	1072938-02
S2	2021-07-15	QA			0.15		WSW	252	1.3		ERG	0.0472	9570	9.80	inHg	1072938-03
S2	2021-07-27				0.18		NE	37	1.5		ERG	0.0472	19282	6.20	inHg	1080604-02
S2	2021-08-02				0.33		NW	313	1.9		ERG	0.0472	33534	7.10	inHg	1081308-01
S2	2021-08-14			LK	0.66		E	101	1.8		ERG	0.0472	SAT137	7.90	inHg	1090124-02
S2	2021-08-14	QA		LK	0.52		E	101	1.8		ERG	0.0472	SAT081	6.80	inHg	1090124-03
S2	2021-08-26				0.34		SE	124	1.0		ERG	0.0472	19284	6.00	inHg	1090320-01
S2	2021-09-07				0.79		ENE	72	2.3		ERG	0.0472	A21007	6.10	inHg	1091620-01
S2	2021-09-07	QA			0.18		ENE	72	2.3		ERG	0.0472	19665	4.20	inHg	1091620-02
S2	2021-09-19		SC	D			E	96	1.8		ERG	09434508196721	35141	8.90	inHg	1100727-01
S2	2021-10-01				0.35		ESE	106	1.2		EPD	0.0288	114384	6.10	inHg	AK87166
S2	2021-10-01	QA			0.34		ESE	106	1.2		EPD	0.0288	114321	5.90	inHg	AK87165
S2	2021-10-13				0.32		ESE	102	0.4		EPD	0.0288	110307	0	inHg	AK87852
S2	2021-10-31				0.10		NW	307	3.7		EPD	0.0288	114324	10.30	inHg	AK88022
S3	2019-09-24				0.54		NW, W	304	2.5	passive	ERG	0.0452	18834	3.0	inHg	9092733-03
S3	2019-09-26				0.10		NW	313	1.7	passive	ERG	0.0452	18879	6.0	inHg	9100318-04
S3	2019-09-30			2	0.06		N	7	0.9	passive	ERG	0.0452	19650	7.0	inHg	9100318-05
S3	2019-10-03			LK, 2	0.17		WNW	303	0.8	passive	ERG	0.0452	19289	7.1	inHg	9100921-03
S3	2019-10-06			LK, 2	0.23		E	87	3.8	passive	ERG	0.0452	N4087	6.5	inHg	9100921-05
S3	2019-10-12			2	0.21		NW	304	2.2	passive	ERG	0.0452	SAT058	6.8	inHg	9101802-03
S3	2019-10-18			LK	0.18		E	85	2.3	passive	ERG	0.0452	SAT110	6.0	inHg	9102414-03
S3	2019-10-24				0.06		E	85	1.8	passive	ERG	0.0452	A21104	6.0	inHg	9103068-03
S3	2019-11-20			LK	0.33		NW	310	3.2	passive	ERG	0.0452	SAT012	5.9	inHg	9112204-03
S3	2019-11-23			LK, 2	0.41		WSW	244	4.2	passive	ERG	0.0452	AZ47	6.5	inHg	9112712-03
S3	2019-11-29			LK, 2	0.25		NW	317	1.3	passive	ERG	0.0452	5045	7.1	inHg	9120611-03
S3	2019-12-05			LK, U, 2	0.03		WNW	295	2.1	passive	ERG	0.0452	18883	6.2	inHg	9121206-03
S3	2019-12-11			LK, 2	0.11		NW	320	3.1	passive	ERG	0.0452	5071	0.0	inHg	9121840-03
S3	2019-12-17			2	0.08		WNW	294	6.1	passive	ERG	0.0452	19654	0.0	inHg	0010321-03
S3	2019-12-23		AN				ENE	67	4.7	passive	ERG		5139	0.0	inHg	0010321-06
S3	2019-12-31			2, U	0.03		W	275	6.2	passive	ERG	0.0452	18879	0.0	inHg	0010716-02



S3	2020-01-04	0.20	2, LK	WNW	285	7.3	passive	ERG	0.0452	A21045	0.0	inHg	0011422-02
S3	2020-01-10	0.12	LK	ESE	104	5.5	passive	ERG	0.0452	SAT031	1.1	inHg	0011617-03
S3	2020-01-16		AF	NW	311	5.4	passive	ERG		5034	VOID		0012315-03
S3	2020-01-22	0.61		ENE	78	2.2	passive	ERG	0.0452	SAT033	3.8	inHg	0013009-03
S3	2020-01-28	0.73	LK, 2	WNW	301	2.5	passive	ERG	0.0452	5046	6.8	inHg	0020525-03
S3	2020-02-03	0.42		SSW	211	1.9	passive	ERG	0.0452	SAT127	4.3	inHg	0021216-03
S3	2020-02-09	0.68		ESE	103	3	passive	ERG	0.0452	SAT176	3.2	inHg	0021825-03
S3	2020-02-15	0.43	LK, 2	E	93	2.4	passive	ERG	0.0452	5072	6.1	inHg	0022612-03
S3	2020-02-21	0.19	LK	NW	321	2.7	passive	ERG	0.0452	19665	3.8	inHg	0030235-03
S3	2020-02-27	0.31	LK	WNW	301	5.1	passive	ERG	0.0452	A21095	3.0	inHg	0030605-01
S3	2020-03-04	0.44	LK, 2	WSW	241	1.6	passive	ERG	0.0515	5044	6.5	inHg	0031136-02
S3	2020-03-10	0.21	LK	SSW	197	2.1	passive	ERG	0.0515	SAT051	5.1	inHg	0031835-01
S3	2020-03-28	0.28	2	SW	220	2.8	passive	ERG	0.0515	19647	7.1	inHg	0040817-03
S3	2020-04-03	0.62	LK, 2	WNW	284	1.7	passive	ERG	0.0515	5022	6.7	inHg	0041003-03
S3	2020-04-09	0.19	2	WNW	292	5	passive	ERG	0.0515	19282	6.5	inHg	0041620-03
S3	2020-04-15	0.38	2	NW	320	4.3	passive	ERG	0.0515	SAT018	0.0	inHg	0042217-03
S3	2020-04-21	0.97	2	WNW	288	4.4	passive	ERG	0.0515	SAT038	5.4	inHg	0050113-03
S3	2020-04-27	0.42	2	WNW	302	3.5	passive	ERG	0.0515	SAT099	5.1	inHg	0050617-05
S3	2020-05-03	0.95	LK, 2	WSW	255	2.6	passive	ERG	0.0515	5062	7.9	inHg	0051409-03
S3	2020-05-09	0.47	LK	NW	320	3.6	passive	ERG	0.0515	5085	5.8	inHg	0051505-02
S3	2020-05-15	0.20	2	SE	130	3.2	passive	ERG	0.0515	33554	6.9	inHg	0052846-03
S3	2020-05-21	0.50		E	85	1.7	passive	ERG	0.0515	A21106	5.8	inHg	0052917-04
S3	2020-05-27	0.14		E	90	3.2	passive	ERG	0.0515	2527	5.7	inHg	0060506-03
S3	2020-06-02	0.83	LK, 2	S	185	1.7	passive	ERG	0.0515	5043	6.9	inHg	0061733-03
S3	2020-06-08	0.39	2	ESE	120	4.4	passive	ERG	0.0515	A21055	6.6	inHg	0061733-07
S3	2020-06-14	0.17		ENE	70	1.7	passive	ERG	0.0515	110335	6.0	inHg	0062524-03
S3	2020-06-20	0.18	2	NW	321	1.5	passive	ERG	0.0515	18865	6.9	inHg	0062611-03
S3	2020-06-26	1.55	LK, 2	W	275	3.5	passive	ERG	0.0515	5081	6.4	inHg	0070604-03
S3	2020-07-02	0.76	LK, 2	WNW	301	2.1	passive	ERG	0.0515	SAT110	7.0	inHg	0070929-03
S3	2020-07-08	0.44	2	W	280	1	passive	ERG	0.0515	SAT009	6.1	inHg	0071532-03
S3	2020-07-14	0.27	2	WSW	253	1.3	passive	ERG	0.0515	18864	6.8	inHg	0072413-03
S3	2020-07-20	0.89		WSW	258	1	passive	ERG	0.0515	19291	2.3	inHg	0072930-03
S3	2020-07-26	1.26	LK	NNW	340	0.9	passive	ERG	0.0515	5142	4.1	inHg	0080535-03
S3	2020-08-01	0.59	LK	SW	216	2.9	passive	ERG	0.0515	18872	2.5	inHg	0081226-03
S3	2020-08-07	1.49		NE	50	1.7	passive	ERG	0.0515	SAT014	2.6	inHg	0081932-03
S3	2020-08-13	0.91		ESE	109	1.7	passive	ERG	0.0515	19663	5.9	inHg	0082116-03
S3	2020-08-19	2.46	2	SE	125	1.9	passive	ERG	0.0515	19279	8.1	inHg	0082740-03
S3	2020-08-25	1.81	2	E	97	1.2	passive	ERG	0.0515	SAT118	0.0	inHg	0090237-03

S3	2020-08-31	0.35		WSW	238	0.7	passive	ERG	0.0515	18828	1.8	inHg	0090831-03	
S3	2020-09-06	0.85		ENE	57	1.7	passive	ERG	0.0515	SAT061	1.3	inHg	0092336-03	
S3	2020-09-12	1.67		ESE	105	2.6	passive	ERG	0.0515	SAT056	2.9	inHg	0092336-06	
S3	2020-09-18	0.26		NNW	331	2.4	passive	ERG	0.0515	33233	2.5	inHg	0092509-03	
S3	2020-09-24	0.47		ESE	104	4.1	passive	ERG	0.0515	A21073	2.6	inHg	0100211-03	
S3	2020-09-30	0.83	LK	WNW	283	1.8	passive	ERG	0.0515	5075	4.7	inHg	0100832-03	
S3	2020-10-06	0.38		E	87	1.2	passive	ERG	0.0515	A21083	3.2	inHg	0101529-03	
S3	2020-10-12	2.51		WNW	283	1.9	passive	ERG	0.0515	35131	4.8	inHg	0102302-03	
S3	2020-10-18	0.11	2	E	94	2.4	passive	ERG	0.0515	213	0.0	inHg	0102914-03	
S3	2020-10-24	0.22	2	N	3	1.1	passive	ERG	0.0515	19666	11.0	inHg	0110518-03	
S3	2020-10-30	0.50	LK, 2	NW	310	4.8	passive	ERG	0.0515	5131	0.0	inHg	0110923-02	
S3	2020-11-05	0.27		E	93	0.8	passive	ERG	0.0515	SAT174	2.9	inHg	0111209-03	
S3	2020-11-11	0.52		S	170	1.3	passive	ERG	0.0515	SAT156	5.8	inHg	0112512-03	
S3	2020-11-17	0.27		NW	314	4.7	passive	ERG	0.0515	35117	3.3	inHg	0112512-07	
S3	2020-11-23	0.06		NW	316	3.5	passive	ERG	0.0515	33309	3.2	inHg	0120410-05	
S3	2020-11-29	0.27	LK	ESE	103	2.8	passive	ERG	0.0515	5110	5.1	inHg	0120410-06	
S3	2020-12-05	0.24	LK	WNW	291	3.5	passive	ERG	0.0515	SAT158	2.4	inHg	0121638-03	
S3	2020-12-11	0.26	LK	SSE	148	1	passive	ERG	0.0515	5086	4.9	inHg	0122325-03	
S3	2020-12-17	0.08		WNW	293	4.8	passive	ERG	0.0515	110314	1.9	inHg	0122408-03	
S3	2020-12-23	0.06		ESE	114	3.3	passive	ERG	0.0515	114340	3.2	inHg	1010627-03	
S3	2020-12-29	0.28		E	100	2	passive	ERG	0.0515	SAT076	3.9	inHg	1010523-03	
S3	2021-01-04	0.28		SSW	292	1.9	passive	ERG	0.0515	A21047	3.7	inHg	1011515-03	
S3	2021-01-10	0.18		ENE	60	1.5	passive	ERG	0.0515	SAT068	1.5	inHg	1012724-03	
S3	2021-01-16	0.11	LK	W	268	4.4	passive	ERG	0.0515	35118	2.5	inHg	1012724-08	
S3	2021-01-22	0.00	ND, U, 2	NNW	329	1	passive	ERG	0.0515	19658	0.0	inHg	1020318-03	
S3	2021-01-28	0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	35119	2.8	inHg	1020424-03	
S3	2021-02-03	0.00	ND, U	NW	308	4.2	passive	ERG	0.0472	110335	2.3	inHg	1021021-04	
S3	2021-02-09	0.29		ENE	69	1.5	passive	ERG	0.0472	SAT076	3.8	inHg	1021828-04	
S3	2021-02-15	0.50	D-F, 2	E	98	3.7	passive	ERG	0.0472	SAT114	6.8	inHg	1030328-03	
S3	2021-02-15	QA	0.37	D-F, LK	E	98	3.7	passive	ERG	0.0472	SAT150	1.0	inHg	1030328-04
S3	2021-02-21	0.56		ESE	122	4.3	passive	ERG	0.0472	SAT075	5.9	inHg	1030328-08	
S3	2021-02-27	0.75	LK	ESE	107	2.4	passive	ERG	0.0472	AZ38	2.8	inHg	1031120-02	
S3	2021-03-05		AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible	
S3	2021-03-11	0.68	LK	SSW	194	1.6	passive	ERG	0.0472	AZ39	3.7	inHg	1031638-03	
S3	2021-03-17	0.20		ESE	103	3.1	passive	ERG	0.0472	110322	5.2	inHg	1032431-03	
S3	2021-03-23	0.37	LK	ESE	110	4.3	passive	ERG	0.0472	SAT081	3.6	inHg	1040821-03	
S3	2021-03-29	0.09		NNW	343	2.1	passive	ERG	0.0472	18870	4.8	inHg	1041340-02	
S3	2021-04-04	0.13		WNW	291	1.7	passive	ERG	0.0472	19643	2.1	inHg	1042219-02	

S3	2021-04-10	0.15		SSE	161	3.8	passive	ERG	0.0472	114386	4.5	inHg	1042219-06
S3	2021-04-16	0.37		NNW	333	2.2	passive	ERG	0.0472	A21109	4.1	inHg	1042935-04
S3	2021-04-22	0.09		WNW	290	1.7	passive	ERG	0.0472	33512	2.0	inHg	1050323-01
S3	2021-04-28	0.17		SSW	204	1.7	passive	ERG	0.0472	110308	5.0	inHg	1051246-05
S3	2021-05-04	0.14		SSW	200	2.5	passive	ERG	0.0472	114340	4.9	inHg	1051939-04
S3	2021-05-10	0.33		W	278	3	passive	ERG	0.0472	110305	4.8	inHg	1051939-07
S3	2021-05-16	0.94		SSW	198	1.2	passive	ERG	0.0472	A21017	4.1	inHg	1060325-04
S3	2021-05-22	0.99		ENE	69	1.1	passive	ERG	0.0472	A21078	3.7	inHg	1060241-03
S3	2021-05-28	0.25		SW	232	3.2	passive	ERG	0.0472	19664	4.9	inHg	1060837-03
S3	2021-06-03	0.87	LK	SSW	212	2.4	passive	ERG	0.0472	A21002	5.20	inHg	1060925-03
S3	2021-06-15	0.22		NW	310	4	passive	ERG	0.0472	110305	3.90	inHg	1070113-04
S3	2021-06-27	0.15		SE	126	2.4	passive	ERG	0.0472	18823	4.80	inHg	1072322-03
S3	2021-07-15	0.23		WSW	252	1.3		ERG	0.0472	114348	5.40	inHg	1072938-04
S3	2021-07-27	0.24		NE	37	1.5		ERG	0.0472	33498	7.50	inHg	1080604-03
S3	2021-08-02	0.44		NW	313	1.9		ERG	0.0472	A21053	4.80	inHg	1081308-02
S3	2021-08-14	0.37	LK	E	101	1.8		ERG	0.0472	SAT030	6.90	inHg	1090124-04
S3	2021-08-26	0.30		SE	124	1.0		ERG	0.0472	33506	7.10	inHg	1090320-02
S4	2019-09-24	0.37	LK, 2	NW, W	304	2.5	passive	ERG	0.0452	5117	8.1	inHg	9092733-04
S4	2019-09-26	0.71	LK, 2	NW	313	1.7	passive	ERG	0.0452	5026	8.1	inHg	9100318-06
S4	2019-09-30	0.25	LK	N	7	0.9	passive	ERG	0.0452	SAT081	2.1	inHg	9100318-07
S4	2019-10-03	1.15	LK	WNW	303	0.8	passive	ERG	0.0452	N4120	2.9	inHg	9100921-08
S4	2019-10-06	0.06		E	87	3.8	passive	ERG	0.0452	A21078	1.9	inHg	9100921-10
S4	2019-10-12	0.21	LK	NW	304	2.2	passive	ERG	0.0452	5012	1.9	inHg	9101802-04
S4	2019-10-18	0.15	LK	E	85	2.3	passive	ERG	0.0452	5138	2.0	inHg	9102414-04
S4	2019-10-24	0.00	U, ND	E	85	1.8	passive	ERG	0.0452	19646	2.0	inHg	9103068-04
S4	2019-11-20	QA	2	NW	310	3.2	passive	ERG	0.0452	9570	0.0	inHg	9112204-05
S4	2019-11-20	0.15	LK	NW	310	3.2	passive	ERG	0.0452	A22329	2.0	inHg	9112204-04
S4	2019-11-23	0.10		WSW	244	4.2	passive	ERG	0.0452	A21108	2.8	inHg	9112712-04
S4	2019-11-29	0.12	LK	NW	317	1.3	passive	ERG	0.0452	5129	3.2	inHg	9120611-04
S4	2019-12-05	0.16	LK, 2	WNW	295	2.1	passive	ERG	0.0452	5044	1.0	inHg	9121206-04
S4	2019-12-11	QA	LK, 2	NW	320	3.1	passive	ERG	0.0452	5057	0.0	inHg	9121840-05
S4	2019-12-11	0.11	LK, 2	NW	320	3.1	passive	ERG	0.0452	A22330	0.0	inHg	9121840-04
S4	2019-12-17	0.36	2	WNW	294	6.1	passive	ERG	0.0452	19648	0.0	inHg	0010321-04
S4	2019-12-23		AN	ENE	67	4.7	passive	ERG		A21096	0.0	inHg	0010321-07
S4	2019-12-31	0.22	2, U	W	275	6.2	passive	ERG	0.0452	A21037	0.0	inHg	0010716-03
S4	2020-01-04	1.58	2	WNW	285	7.3	passive	ERG	0.0452	A21002	4.1	inHg	0011422-03
S4	2020-01-10	0.55	LK	ESE	104	5.5	passive	ERG	0.0452	SAT087	4.6	inHg	0011617-04
S4	2020-01-16	0.43	LK	NW	311	5.4	passive	ERG	0.0452	SAT157	5.5	inHg	0012315-04

S4	2020-01-22	QA	0.18		ENE	78	2.2	passive	ERG	0.0452	A21025	2.0	inHg	0013009-05
S4	2020-01-22		0.16		ENE	78	2.2	passive	ERG	0.0452	SAT078	2.1	inHg	0013009-04
S4	2020-01-28		0.49	2	WNW	301	2.5	passive	ERG	0.0452	SAT173	0.0	inHg	0020525-04
S4	2020-02-03		0.38		SSW	211	1.9	passive	ERG	0.0452	19664	3.9	inHg	0021216-04
S4	2020-02-09		0.34		ESE	103	3	passive	ERG	0.0452	A21042	2.2	inHg	0021825-04
S4	2020-02-15		0.45		E	93	2.4	passive	ERG	0.0452	A21051	4.0	inHg	0022612-04
S4	2020-02-15	QA	0.42		E	93	2.4	passive	ERG	0.0452	49	2.2	inHg	0022527-01
S4	2020-02-21		0.15	LK	NW	321	2.7	passive	ERG	0.0452	A21011	2.3	inHg	0030235-04
S4	2020-02-27		0.33	LK	WNW	301	5.1	passive	ERG	0.0452	A21067	1.7	inHg	0030536-03
S4	2020-03-04		0.62		WSW	241	1.6	passive	ERG	0.0515	A21094	3.2	inHg	0031013-02
S4	2020-03-10		0.30		SSW	197	2.1	passive	ERG	0.0515	A21040	3.5	inHg	0031722-03
S4	2020-03-28		0.40		SW	220	2.8	passive	ERG	0.0515	A21084	2.3	inHg	0040817-04
S4	2020-03-28	QA	0.36	LK, 2	SW	220	2.8	passive	ERG	0.0515	5080	6.2	inHg	0040817-05
S4	2020-04-03		0.40	LK	WNW	284	1.7	passive	ERG	0.0515	5116	1.2	inHg	0041003-04
S4	2020-04-09	QA	0.72	2	WNW	292	5	passive	ERG	0.0515	SAT081	0.0	inHg	0041620-05
S4	2020-04-09		0.68		WNW	292	5	passive	ERG	0.0515	A21017	1.2	inHg	0041620-04
S4	2020-04-15		0.27	2	NW	320	4.3	passive	ERG	0.0515	A21083	0.0	inHg	0042217-04
S4	2020-04-21	QA	0.96	2	WNW	288	4.4	passive	ERG	0.0515	SAT182	4.3	inHg	0050113-05
S4	2020-04-21		0.29	2	WNW	288	4.4	passive	ERG	0.0515	18832	0.0	inHg	0050113-04
S4	2020-04-27		0.89	2	WNW	302	3.5	passive	ERG	0.0515	SAT173	0.0	inHg	0050617-03
S4	2020-05-03		1.16		WSW	255	2.6	passive	ERG	0.0515	SAT058	2.5	inHg	0051409-04
S4	2020-05-09	QA	0.72		NW	320	3.6	passive	ERG	0.0515	SAT071	1.2	inHg	0051505-04
S4	2020-05-09		0.53	LK	NW	320	3.6	passive	ERG	0.0515	5124	1.0	inHg	0051505-03
S4	2020-05-15		0.29		SE	130	3.2	passive	ERG	0.0515	A21025	1.9	inHg	0052846-04
S4	2020-05-21		0.26		E	85	1.7	passive	ERG	0.0515	A22328	1.0	inHg	0052917-05
S4	2020-05-27		1.18	2	E	90	3.2	passive	ERG	0.0515	SAT131	0.0	inHg	0060506-04
S4	2020-06-02		0.90		S	185	1.7	passive	ERG	0.0515	SAT018	1.2	inHg	0061733-04
S4	2020-06-08		0.71	LK	ESE	120	4.4	passive	ERG	0.0515	5106	1.8	inHg	0061733-08
S4	2020-06-08	QA	0.20	2	ESE	120	4.4	passive	ERG	0.0515	19288	0.0	inHg	0061733-09
S4	2020-06-14		0.15	2	ENE	70	1.7	passive	ERG	0.0515	A21010	0.0	inHg	0062524-04
S4	2020-06-20		0.49		NW	321	1.5	passive	ERG	0.0515	A21095	1.4	inHg	0062611-04
S4	2020-06-26		0.78	LK	W	275	3.5	passive	ERG	0.0515	5091	1.0	inHg	0070604-04
S4	2020-07-02		0.85	LK	WNW	301	2.1	passive	ERG	0.0515	A21015	1.2	inHg	0070929-04
S4	2020-07-08	QA	0.60	2	W	280	1	passive	ERG	0.0515	A21036	0.0	inHg	0071532-05
S4	2020-07-08		0.44	2	W	280	1	passive	ERG	0.0515	A21082	0.0	inHg	0071532-04
S4	2020-07-14		0.86	2	WSW	253	1.3	passive	ERG	0.0515	53	0.0	inHg	0072413-04
S4	2020-07-20		0.45	LK, 2	WSW	258	1	passive	ERG	0.0515	5044	0.0	inHg	0072930-04
S4	2020-07-26		0.53		NNW	340	0.9	passive	ERG	0.0515	49	4.7	inHg	0080535-04

S4	2020-08-01		0.83	LK	SW	216	2.9	passive	ERG	0.0515	5106	5.1	inHg	0081226-04
S4	2020-08-07	QA	0.87	2, D-F	NE	50	1.7	passive	ERG	0.0515	SAT156	0.0	inHg	0081932-05
S4	2020-08-07		0.59	D-F	NE	50	1.7	passive	ERG	0.0515	35131	4.0	inHg	0081932-04
S4	2020-08-13		0.74	2	ESE	109	1.7	passive	ERG	0.0515	A21056	7.8	inHg	0082116-04
S4	2020-08-19			AO	SE	125	1.9	passive	ERG	0.0515	A21069	17.1	inHg	0082740-04
S4	2020-08-25			DA	E	97	1.2	passive	ERG	0.0515	A21084	11.8	inHg	0090237-04
S4	2020-08-31			AA	WSW	238	0.7	passive	ERG	0.0515	A21077	16.8	inHg	0090831-04
S4	2020-09-06			AN	ENE	57	1.7	passive	ERG		SAT173	29.2	inHg	0092336-08
S4	2020-09-12		1.19	2	ESE	105	2.6	passive	ERG	0.0515	A21102	0.0	inHg	0092336-07
S4	2020-09-18	QA	1.22		NNW	331	2.4	passive	ERG	0.0515	44	5.0	inHg	0092509-05
S4	2020-09-18		0.00	2, ND, U	NNW	331	2.4	passive	ERG	0.0515	9570	0.0	inHg	0092509-04
S4	2020-09-24		0.37		ESE	104	4.1	passive	ERG	0.0515	A21088	1.0	inHg	0100211-04
S4	2020-09-30		0.36	LK	WNW	283	1.8	passive	ERG	0.0515	5093	2.8	inHg	0100832-04
S4	2020-10-06		0.17		E	87	1.2	passive	ERG	0.0515	18873	1.9	inHg	0101529-04
S4	2020-10-12		0.78	LK	WNW	283	1.9	passive	ERG	0.0515	22325	3.1	inHg	0102302-04
S4	2020-10-18		0.00	U, ND	E	94	2.4	passive	ERG	0.0515	114366	1.6	inHg	0102914-04
S4	2020-10-24		0.33		N	3	1.1	passive	ERG	0.0515	A21021	5.0	inHg	0110518-04
S4	2020-10-30		0.35		NW	310	4.8	passive	ERG	0.0515	A21106	1.6	inHg	0110923-03
S4	2020-10-30	QA	0.10		NW	310	4.8	passive	ERG	0.0515	19660	3.5	inHg	0110923-04
S4	2020-11-05		0.19		E	93	0.8	passive	ERG	0.0515	A21055	1.3	inHg	0111209-04
S4	2020-11-11		0.90	LK	S	170	1.3	passive	ERG	0.0515	SAT023	4.8	inHg	0112512-04
S4	2020-11-17		0.16	2	NW	314	4.7	passive	ERG	0.0515	A21050	0.0	inHg	0112512-08
S4	2020-11-17	QA	0.15	2	NW	314	4.7	passive	ERG	0.0515	A21026	0.0	inHg	0112512-09
S4	2020-11-23		0.06		NW	316	3.5	passive	ERG	0.0515	A21044	1.9	inHg	0120410-07
S4	2020-11-29		0.11		ESE	103	2.8	passive	ERG	0.0515	A21074	4.6	inHg	0120410-08
S4	2020-12-05			AL	WNW	291	3.5	passive	ERG		SAT148	26.9	inHg	0121714-01
S4	2020-12-11		0.59		SSE	148	1	passive	ERG	0.0515	A21006	2.8	inHg	0122325-04
S4	2020-12-17		0.17		WNW	293	4.8	passive	ERG	0.0515	A21058	4.8	inHg	0122408-04
S4	2020-12-17	QA	0.17	2, LK	WNW	293	4.8	passive	ERG	0.0515	5076	0.0	inHg	0122408-05
S4	2020-12-23		0.15		ESE	114	3.3	passive	ERG	0.0515	35139	2.1	inHg	1010627-04
S4	2020-12-29		0.14		E	100	2	passive	ERG	0.0515	114344	2.9	inHg	1010523-04
S4	2021-01-04		0.13		SSW	292	1.9	passive	ERG	0.0515	A21050	2.2	inHg	1011515-04
S4	2021-01-10		0.18	2	ENE	60	1.5	passive	ERG	0.0515	A21099	0.0	inHg	1012724-04
S4	2021-01-10	QA	0.13	2	ENE	60	1.5	passive	ERG	0.0515	SAT020	0.0	inHg	1012724-05
S4	2021-01-16		0.07		W	268	4.4	passive	ERG	0.0515	19647	2.1	inHg	1012724-09
S4	2021-01-22		0.54	LK	NNW	329	1	passive	ERG	0.0515	5040	2.9	inHg	1020318-04
S4	2021-01-28		0.00	ND, U	NW	317	6.6	passive	ERG	0.0515	A21109	2.3	inHg	1020424-04
S4	2021-02-03		0.07		NW	308	4.2	passive	ERG	0.0472	110322	1.9	inHg	1021021-05

S4	2021-02-09		0.23		ENE	69	1.5	passive	ERG	0.0472	213	2.0	inHg	1021828-05
S4	2021-02-15		0.38	D-F	E	98	3.7	passive	ERG	0.0472	SAT145	2.8	inHg	1030328-05
S4	2021-02-21	QA	0.37	2	ESE	122	4.3	passive	ERG	0.0472	SAT185	0.0	inHg	1030328-09
S4	2021-02-21		0.29	2, LK	ESE	122	4.3	passive	ERG	0.0472	A21067	0.0	inHg	1030328-10
S4	2021-02-27	QA	0.29	2	ESE	107	2.4	passive	ERG	0.0472	A21031	0.0	inHg	1031031-02
S4	2021-02-27		0.20		ESE	107	2.4	passive	ERG	0.0472	A21065	4.1	inHg	1031120-03
S4	2021-03-05			AF	NW	322	3.2	passive	ERG	0.0472		Did Not Collect		No sample ID possible
S4	2021-03-11		0.25		SSW	194	1.6	passive	ERG	0.0472	A21053	5.2	inHg	1031638-04
S4	2021-03-17		0.22		ESE	103	3.1	passive	ERG	0.0472	A21101	4.2	inHg	1032431-04
S4	2021-03-23		0.87	LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT029	5.0	inHg	1040821-04
S4	2021-03-23	QA	0.61	LK, D-F	ESE	110	4.3	passive	ERG	0.0472	SAT043	4.9	inHg	1040821-05
S4	2021-03-29		0.25		NNW	343	2.1	passive	ERG	0.0472	A21098	5.9	inHg	1041340-05
S4	2021-04-04		0.12		WNW	291	1.7	passive	ERG	0.0472	18828	3.9	inHg	1042219-03
S4	2021-04-10		0.33		SSE	161	3.8	passive	ERG	0.0472	A21108	5.9	inHg	1042219-07
S4	2021-04-16		0.44	LK	NNW	333	2.2	passive	ERG	0.0472	A21033	5.2	inHg	1042935-03
S4	2021-04-22	QA	0.50	D-F	WNW	290	1.7	passive	ERG	0.0472	18880	5.8	inHg	1043024-03
S4	2021-04-22		0.32	2, D-F	WNW	290	1.7	passive	ERG	0.0472	111219	6.1	inHg	1050719-01
S4	2021-04-28		0.27	2	SSW	204	1.7	passive	ERG	0.0472	A21026	6.5	inHg	1051246-04
S4	2021-05-04		0.49		SSW	200	2.5	passive	ERG	0.0472	A22304	5.8	inHg	1051939-03
S4	2021-05-10		0.17	2	W	278	3	passive	ERG	0.0472	110258	6.1	inHg	1051939-08
S4	2021-05-16		0.11		SSW	198	1.2	passive	ERG	0.0472	19647	5.8	inHg	1060325-05
S4	2021-05-22		0.11		ENE	69	1.1	passive	ERG	0.0472	19295	5.1	inHg	1060325-06
S4	2021-05-28		0.35	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21005	6.2	inHg	1060925-04
S4	2021-05-28	QA	0.25	LK, 2	SW	232	3.2	passive	ERG	0.0472	A21104	6.3	inHg	1060837-05
S4	2021-06-03		0.12		SSW	212	2.4	passive	ERG	0.0472	A21089	6.30	inHg	1060837-04
S4	2021-06-15		0.15		NW	310	4	passive	ERG	0.0472	110257	5.30	inHg	1070113-05
S4	2021-06-27		0.08		SE	126	2.4	passive	ERG	0.0472	33490	4.70	inHg	1072322-04
S6	2019-12-23			AN	ENE	67	4.7	passive	ERG		SAT021	0.0	inHg	0010324-02
S6	2019-12-23			AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S6	2019-12-31		0.14	LK	W	275	6.2	passive	ERG	0.0452	5059	1.2	inHg	0010716-04
S6	2020-01-04		0.25	2, LK	WNW	285	7.3	passive	ERG	0.0452	SAT109	0.0	inHg	0011422-04
S6	2020-05-15		0.86	LK	SE	130	3.2	passive	ERG	0.0515	SAT088	3.5	inHg	0052846-05
S6	2020-06-20		0.24	2	NW	321	1.5	passive	ERG	0.0515	18883	8.1	inHg	0062611-05
S6	2020-07-20		0.30		WSW	258	1	passive	ERG	0.0515	19277	1.6	inHg	0072930-05
S6	2020-11-23		0.00	2, U, ND	NW	316	3.5	passive	ERG	0.0515	19644	0.0	inHg	0120410-09
S6	2020-12-23		0.06		ESE	114	3.3	passive	ERG	0.0515	18874	1.3	inHg	1010722-01
S6	2021-06-27		0.25		SE	126	2.4	passive	ERG	0.0472	33532	8.00	inHg	1072322-05
S6	2021-07-27		0.50	LK	WSW	252	1.3		ERG	0.0472	A21097	8.20	inHg	1080604-05

S6	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	110335	6.10	inHg	1090320-03
S6	2021-09-19	0.26	LK	E	96	1.8		ERG	0.0472	19340	6.80	inHg	1100727-02
S6	2021-10-13	0.36		ESE	102	0.4		EPD	0.0288	114394	0	inHg	AK87854
S7	2019-12-23		AN	ENE	67	4.7	passive	ERG		5024	VOID		0010324-03
S7	2019-12-23		AN	ENE	67	4.7	passive				Did Not Collect		No sample ID possible
S7	2019-12-31	0.17	2	W	275	6.2	passive	ERG	0.0452	SAT014	0.0	inHg	0010716-05
S7	2020-01-04		AF	WNW	285	7.3	passive	ERG		SAT176	25.1	inHg	0011422-05
S7	2020-01-22	0.10	U	ENE	78	2.2	passive	ERG	0.0452	18831	1.0	inHg	0012928-01
S7	2020-02-27	0.15	LK	WNW	301	5.1	passive	ERG	0.0452	18884	2.4	inHg	0030605-02
S7	2020-03-28	0.34	2	SW	220	2.8	passive	ERG	0.0515	18876	8.1	inHg	0040817-06
S7	2020-04-27	0.41		WNW	302	3.5	passive	ERG	0.0515	18878	4.8	inHg	0050617-04
S7	2020-05-15	1.46	LK, 2	SE	130	3.2	passive	ERG	0.0515	5075	8.9	inHg	0052846-06
S7	2020-05-27	1.09	LK, 2	E	90	3.2	passive	ERG	0.0515	SAT109	7.1	inHg	0060506-05
S7	2020-06-20	0.62	LK, 2	NW	321	1.5	passive	ERG	0.0515	5108	0.0	inHg	0062611-06
S7	2020-07-20	0.68	2	WSW	258	1	passive	ERG	0.0515	SAT003	0.0	inHg	0072930-06
S7	2020-08-19		AF	SE	125	1.9	passive				Did Not Collect		No sample ID possible
S7	2020-09-24	0.37		ESE	104	4.1	passive	ERG	0.0515	SAT179	4.9	inHg	0100211-05
S7	2020-10-30	0.20		NW	310	4.8	passive	ERG	0.0515	A21040	3.5	inHg	0110604-02
S7	2020-11-23	0.09		NW	316	3.5	passive	ERG	0.0515	33503	2.0	inHg	0120410-10
S7	2020-12-23		AN				passive	ERG	0.0515	A21103	29.6	inHg	1010523-05
S7	2021-01-28	0.00	2, ND, U	NW	317	6.6	passive	ERG	0.0515	114386	0.0	inHg	1020424-05
S7	2021-02-27	0.09		ESE	107	2.4	passive	ERG	0.0472	A21074	1.5	inHg	1031120-04
S7	2021-03-29	0.13	2	NNW	343	2.1	passive	ERG	0.0472	18881	6.1	inHg	1041340-04
S7	2021-04-28	0.49	2	SSW	204	1.7	passive	ERG	0.0472	SAT012	7.0	inHg	1051246-03
S7	2021-05-22	0.24	LK	ENE	69	1.1	passive	ERG	0.0472	33544	5.8	inHg	1060325-07
S7	2021-06-27	0.99		SE	126	2.4	passive	ERG	0.0472	A21105	7.50	inHg	1072322-06
S7	2021-07-27	1.31		WSW	252	1.3		ERG	0.0472	35135	10.20	inHg	1080604-04
S7	2021-08-26	0.13		SE	124	1.0		ERG	0.0472	A21010	8.80	inHg	1090320-04
S7	2021-09-19	0.28	LK	E	96	1.8		ERG	0.0472	33498	6.10	inHg	1100727-03
S7	2021-10-13	0.29		ESE	102	0.4		EPD	0.0288	110326	0	inHg	AK87853
South DeKalb	2019-06-14		AS	SSE	166	0.1	ATEC	EPA					E192601-01
South DeKalb	2019-08-13	0.10		SW	225	0.1	ATEC	ERG	0.0452	114308	14	psig	9082209-03
South DeKalb	2019-08-16	QA	LK	WNW	288	0.2	ATEC	ERG	0.0452	S/N00012	12	psig	9082209-02
South DeKalb	2019-08-16	0.11		WNW	288	0.2	ATEC	ERG	0.0452	S/N00013	12	psig	9082209-01
South DeKalb	2019-09-04	0.10		NE	35	0.1	ATEC	ERG	0.0452	110335	8	psig	9091129-01
South DeKalb	2019-09-19	0.09	2	ESE	105	0.7	passive	ERG	0.0452	18826	11.2	psig	9092560-01
South DeKalb	2019-09-20	0.16		ESE	107	0.4	ATEC	ERG	0.0452	114369	12	psig	9092609-01
South DeKalb	2019-09-24	0.35	LK,2	WNW	303	0.2	passive	ERG	0.0452	5004	7.2	inHg	9092728-01

South DeKalb	2019-09-26	0.33	LK, 2	NW	324	0.1	passive	ERG	0.0452	5063	6.3	inHg	9100319-02
South DeKalb	2019-09-30	0.24		W	264	0.1	passive	ERG	0.0452	A21046	0.7	inHg	9100319-01
South DeKalb	2019-10-03	0.29	LK	WNW	297	0.1	passive	ERG	0.0452	SAT099	2.2	inHg	9100923-01
South DeKalb	2019-10-06	0.14		ENE	78	0.6	passive	ERG	0.0452	SAT158	2.5	inHg	9100923-02
South DeKalb	2019-10-12	0.33	LK	WNW	286	0.3	passive	ERG	0.0452	A21103	3.0	inHg	9102315-01
South DeKalb	2019-10-19	0.10		ENE	69	0.8	passive	ERG	0.0452	A21013	2.2	inHg	9102508-01
South DeKalb	2019-10-24		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2019-10-27		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2019-10-30	0.13		SE	127	0.1	passive	ERG	0.0452	A21009	4.6	inHg	9110119-01
South DeKalb	2019-11-01		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2019-11-03		AF				passive					Did Not Collect	No sample ID possible
South DeKalb	2019-11-05		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2019-11-08	0.14		NW	306	0.3	passive	ERG	0.0452	A21025	3.1	inHg	9111413-01
South DeKalb	2019-11-13	0.13		E	93	0.6	passive	ERG	0.0452	SAT123	1.9	inHg	9111510-01
South DeKalb	2019-11-15	0.26	LK	N	2	0.1	passive	ERG	0.0452	5133	2.2	inHg	9111924-01
South DeKalb	2019-11-20	0.75	LK	WNW	298	0.2	passive	ERG	0.0452	5026	3.8	inHg	9120424-01
South DeKalb	2019-11-20	1.18	LK	WNW	298	0.2	passive	EPA					E195002-01
South DeKalb	2019-11-23	0.08	2, U	WSW	251	0.5	passive	ERG	0.0452	19277	0.0	inHg	9120424-02
South DeKalb	2019-11-29	0.25	2, LK	SSE	149	0.1	passive	ERG	0.0452	SAT002	0.0	inHg	9120612-01
South DeKalb	2019-12-05	0.16	LK	WNW	296	0.2	passive	ERG	0.0452	49	3.6	inHg	9121208-01
South DeKalb	2019-12-08	0.05	LK	E	92	1.5	passive	ERG	0.0452	A21054	4.1	inHg	9121208-02
South DeKalb	2019-12-11	0.03	U	NW	323	0.4	passive	ERG	0.0452	18864	3.2	inHg	9121842-01
South DeKalb	2019-12-14	0.22	LK	WNW	288	0.8	passive	ERG	0.0452	SAT075	3.2	inHg	9121842-02
South DeKalb	2019-12-17	0.15	LK	WNW	292	0.6	passive	ERG	0.0452	5015	5.6	inHg	9122018-01
South DeKalb	2019-12-19	0.28	LK, 2	ESE	118	0.1	passive	ERG	0.0452	SAT110	0.0	inHg	0010718-01
South DeKalb	2019-12-23		AN	ENE	65	1.5	passive	ERG		9570	VOID		0010324-01
South DeKalb	2019-12-31	0.13	LK	WNW	287	1.2	passive	ERG	0.0452	5004	1.4	inHg	0010718-02
South DeKalb	2020-01-04	0.16	2	WNW	292	1.3	passive	ERG	0.0452	A21084	0.0	inHg	0010908-01
South DeKalb	2020-01-07	0.04	2, VB, U	WNW	285	1.1	passive	ERG	0.0452	A21058	0.0	inHg	0011706-01
South DeKalb	2020-01-10		AF				passive	ERG				Did Not Collect	No sample ID possible
South DeKalb	2020-01-16	0.24	LK	NW	306	0.6	passive	ERG	0.0452	SAT178	5.7	inHg	0012314-01
South DeKalb	2020-01-22	0.42		E	86	0.4	passive	ERG	0.0452	A21100	2.9	inHg	0020428-01
South DeKalb	2020-01-28	QA	LK	WNW	293	0.5	passive	ERG	0.0452	5018	3.3	inHg	0020523-02
South DeKalb	2020-01-28		AN	WNW	293	0.5	passive	ERG		18828	28.9	inHg	0020523-01
South DeKalb	2020-02-03	0.32		SW	224	0.4	passive	ERG	0.0452	A21058	5.3	inHg	0021217-01
South DeKalb	2020-02-03	QA		SW	224	0.4	passive	ERG	0.0452	A21032	2.9	inHg	0021312-01
South DeKalb	2020-02-09		SC	ESE	104	0.8	passive	ERG	0.0452	A21070	3.2	inHg	0022018-01
South DeKalb	2020-02-15	0.47	LK	E	97	0.5	passive	ERG	0.0452	SAT164	4.1	inHg	0022424-01



South DeKalb	2020-02-15	0.08		E	97	0.5	passive	EPD		110327	3.9	inHg	AK41088	
South DeKalb	2020-02-21	0.17		N	357	0.2	passive	ERG	0.0452	18870	3.3	inHg	0022815-01	
South DeKalb	2020-02-27	0.13	2, LK	WNW	298	1.1	passive	ERG	0.0452	SAT157	0.0	inHg	0030607-01	
South DeKalb	2020-03-04	QA	0.86	LK	NW	319	0.1	passive	ERG	0.0515	SAT137	5.8	inHg	0031323-02
South DeKalb	2020-03-04		0.21		NW	319	0.1	passive	ERG	0.0515	19284	4.7	inHg	0031323-01
South DeKalb	2020-03-10	QA	0.24		SW	215	0.3	ATEC	ERG	0.0515	SAT117	13.2	inHg	0031837-01
South DeKalb	2020-03-10		0.18		SW	215	0.3	passive	EPD		110315	4	inHg	AK42365
South DeKalb	2020-03-16		0.46		E	84	0.9	passive	ERG	0.0515	SAT016	4.5	inHg	0032320-01
South DeKalb	2020-03-22	QA	0.30		E	90	0.8	ATEC	ERG	0.0515	A21101	12.9	psi	0040114-02
South DeKalb	2020-03-22		0.15		E	90	0.8	passive	ERG	0.0515	SAT120	3.3	inHg	0040114-01
South DeKalb	2020-03-22			AL	E	90	0.8	passive	EPD		114331	VOID		AK42363
South DeKalb	2020-03-28		0.37	2	SW	235	0.6	passive	ERG	0.0515	44	6.2	inHg	0040815-01
South DeKalb	2020-03-28		0.18		SW	235	0.6	passive	EPD		110304	4.00	inHg	AK42362
South DeKalb	2020-04-03		1.00	LK	W	278	0.3	passive	ERG	0.0515	5029	4.9	inHg	0041004-01
South DeKalb	2020-04-03	QA	0.47	2	W	278	0.3	passive	ERG	0.0515	SAT042	0.0	inHg	0041004-02
South DeKalb	2020-04-09		0.15		WNW	291	1	passive	ERG	0.0515	18873	5.5	inHg	0041708-01
South DeKalb	2020-04-15		0.16	2	NW	306	0.5	passive	ERG	0.0515	A21035	0.0	inHg	0042221-01
South DeKalb	2020-04-15			AA	NW	306	0.5	ATEC	ERG	0.0515	A21042	27.56		0042221-02
South DeKalb	2020-04-21		0.84	2	WNW	287	0.8	passive	ERG	0.0515	A21071	13.1	inHg	0050115-01
South DeKalb	2020-04-27		0.92	LK, 2	WNW	291	0.5	passive	ERG	0.0515	5121	6.3	inHg	0050618-01
South DeKalb	2020-05-03	QA	0.60	LK	WSW	255	0.4	passive	ERG	0.0515	22325	4.1	inHg	0051325-02
South DeKalb	2020-05-03		0.40	LK, 2	WSW	255	0.4	passive	ERG	0.0515	5102	7.1	inHg	0051325-01
South DeKalb	2020-05-09		0.16	2	WNW	291	0.3	passive	ERG	0.0515	SAT130	4.1	inHg	0051507-01
South DeKalb	2020-05-15		0.50	2	SE	127	0.4	passive	ERG	0.0515	A21097	0.0	inHg	0052849-01
South DeKalb	2020-05-21		0.20		ESE	111	0.2	passive	ERG	0.0515	A21013	5.0	inHg	0052916-01
South DeKalb	2020-05-27			AO	E	93	0.5	passive	ERG		A21080	18.2	inHg	0060509-01
South DeKalb	2020-05-29		0.21		WNW	291	0.3	passive	EPD		35450	4	inHg	AK46103
South DeKalb	2020-06-02		0.53		S	177	0.2	passive	ERG	0.0515	A21001	1.5	inHg	0061041-01
South DeKalb	2020-06-02	QA	0.14		S	177	0.2	passive	ERG	0.0515	33297	4.0	inHg	0061041-02
South DeKalb	2020-06-02			AQ	S	177	0.2	passive	EPD		35013	VOID		AK46849
South DeKalb	2020-06-08		1.15		ESE	110	0.7	passive	ERG	0.0515	35117	3.0	inHg	0061734-01
South DeKalb	2020-06-08		0.87		ESE	110	0.7	passive	EPD		35007	5	inHg	AK46850
South DeKalb	2020-06-14		0.39	LK	ESE	119	0.1	passive	ERG	0.0515	5119	3.8	inHg	0061906-01
South DeKalb	2020-06-20		0.82		WNW	295	0.2	passive	ERG	0.0515	A21047	2.0	inHg	0070605-01
South DeKalb	2020-06-20			AF	WNW	295	0.2	passive	EPD		35448	VOID		AK46935
South DeKalb	2020-06-26		0.60		WNW	289	0.7	passive	ERG	0.0515	A21071	2.9	inHg	0070841-01
South DeKalb	2020-06-26		0.10		WNW	289	0.7	passive	EPD		35457	5	inHg	AK46934
South DeKalb	2020-07-02	QA	0.93	LK	WNW	283	0.1	passive	ERG	0.0515	SAT151	4.9	inHg	0070931-02

South DeKalb	2020-07-02	0.80	LK	WNW	283	0.1	passive	ERG	0.0515	5006	3.7	inHg	0070931-01		
South DeKalb	2020-07-08	0.99		SW	233	0.05	passive	EPD		35471	3.90	inHg	AK46936		
South DeKalb	2020-07-08	0.82		SW	233	0.05	passive	ERG	0.0515	SAT016	2.1	inHg	0071714-01		
South DeKalb	2020-07-14	1.08	LK	W	263	0.1	passive	ERG	0.0515	5104	3.2	inHg	0072415-01		
South DeKalb	2020-07-14	0.63		W	263	0.1	passive	EPD		35644	5	inHg	AK49486		
South DeKalb	2020-07-20	3.76		WSW	251	0.1	passive	ERG	0.0515	A21050	2.0	inHg	0072932-01		
South DeKalb	2020-07-20	0.17		WSW	251	0.1	passive	EPD		35009	2	inHg	AK49485		
South DeKalb	2020-07-26	1.19		SW	214	0.1	passive	EPD		35733	1.5	inHg	AK49487		
South DeKalb	2020-07-26	0.51		SW	214	0.1	passive	ERG	0.0515	SAT064	2.8	inHg	0080537-01		
South DeKalb	2020-07-26		AF	SW	214	0.1	passive	EPD		35771	VOID		AK49488		
South DeKalb	2020-08-01	QA	0.46		SSW	211	0.3	passive	ERG	0.0515	A21065	1.5	inHg	0081409-03	
South DeKalb	2020-08-01	0.20		2, LK	SSW	211	0.3	passive	ERG	0.0515	A21074	0.0	inHg	0081409-01	
South DeKalb	2020-08-07	0.95			SSE	168	0.1	passive	ERG	0.0515	A21098	1.0	inHg	0081409-02	
South DeKalb	2020-08-07	0.72			SSE	168	0.1	passive	EPD		35007	1.70	inHg	AK51529	
South DeKalb	2020-08-13	2.91	LK	W	272	0.1	passive	ERG	0.0515	SAT077	5.5	inHg	0082119-01		
South DeKalb	2020-08-13	0.34		W	272	0.1	passive	EPD		35651	5	inHg	AK55445		
South DeKalb	2020-08-19	5.72		SE	129	0.2	passive	EPD		35872	1.5	inHg	AK57040		
South DeKalb	2020-08-19	0.74		SE	129	0.2	passive	ERG	0.0515	33503	3.3	inHg	0082741-01		
South DeKalb	2020-08-25	1.08		E	85	0.1	passive	EPD		35013	1	inHg	AK51531		
South DeKalb	2020-08-25	0.41		E	85	0.1	passive	ERG	0.0515	19660	1.7	inHg	0090240-01		
South DeKalb	2020-08-31	0.97		2	WSW	255	0.1	passive	ERG	0.0515	A21028	0.0	inHg	0090414-01	
South DeKalb	2020-08-31	0.75			WSW	255	0.1	passive	EPD		35799	2	inHg	AK52474	
South DeKalb	2020-09-06	1.55		2	E	95	0.1	passive	ERG	0.0515	53	0.0	inHg	0091632-01	
South DeKalb	2020-09-12	0.62		LK	ESE	103	0.5	passive	ERG	0.0515	5062	4.2	inHg	0092334-01	
South DeKalb	2020-09-18	QA	0.33		LK, 2, D-F	WNW	292	0.1	passive	ERG	0.0515	19300	1.1	inHg	0093026-03
South DeKalb	2020-09-18			DA	LK, 2, D-F	WNW	292	0.1	passive	ERG	0.0515	35149	VOID	0093026-01	
South DeKalb	2020-09-24	0.38		LK	E	101	0.6	passive	ERG	0.0515	5072	1.6	inHg	0093026-02	
South DeKalb	2020-09-30	0.60		2, LK	W	279	0.4	passive	ERG	0.0515	SAT021	0.0	inHg	0100835-01	
South DeKalb	2020-10-06	QA	0.70		LK, D-F, 2	ESE	108	0.1	passive	ERG	0.0515	5066	6.1	inHg	0101531-02
South DeKalb	2020-10-06	0.53			LK, D-F	ESE	108	0.1	passive	ERG	0.0515	5073	2.3	inHg	0101531-01
South DeKalb	2020-10-06	0.23			ESE	108	0.1	passive	EPD		35792	1	inHg	AK57552	
South DeKalb	2020-10-12	1.36			W	281	0.3	passive	EPD		35827	1	inHg	AK57553	
South DeKalb	2020-10-12	0.24			W	281	0.3	passive	ERG	0.0515	18876	1.8	inHg	0101606-01	
South DeKalb	2020-10-18	0.17		2	ESE	107	0.3	passive	ERG	0.0515	114344	0.0	inHg	0102917-01	
South DeKalb	2020-10-18	0.09			ESE	107	0.3	passive	EPD		35648	0	inHg	AK60669	
South DeKalb	2020-10-24	0.86			SE	140	0.1	passive	EPD		35457	9	inHg	AK60670	
South DeKalb	2020-10-24	0.70		2	SE	140	0.1	passive	ERG	0.0515	A21089	9.5	inHg	0103007-01	
South DeKalb	2020-10-30	3.72			WNW	296	0.8	passive	EPD		35651	0	inHg	AK60671	

South DeKalb	2020-10-30	1.05	2, LK	WNW	296	0.8	passive	ERG	0.0515	SAT028	0.0	inHg	0111124-01
South DeKalb	2020-10-30		AF	WNW	296	0.8	passive	EPA					0111124-01
South DeKalb	2020-11-05	2.26		ESE	110	0.1	passive	EPD		35872	0	inHg	AK62779
South DeKalb	2020-11-05	0.82	LK, 2	ESE	110	0.1	passive	ERG	0.0515	SAT164	0.0	inHg	0111825-01
South DeKalb	2020-11-05	QA		ESE	110	0.1	passive	ERG	0.0515	A21015	3.8	inHg	0111825-03
South DeKalb	2020-11-11	0.46	LK	ESE	106	0.1	passive	ERG	0.0515	SAT151	5.0	inHg	0111825-02
South DeKalb	2020-11-11	0.17		ESE	106	0.1	passive	EPD		35009	1.5	inHg	AK62780
South DeKalb	2020-11-11	0.6	LK, J, QL	ESE	106	0.1	passive	EPA					0111825-02
South DeKalb	2020-11-17	1.11		NW	307	0.5	passive	EPD		35821	0.4	psi	AK62781
South DeKalb	2020-11-17	0.13		NW	307	0.5	passive	ERG	0.0515	A21025	3.0	inHg	0112514-01
South DeKalb	2020-11-23	0.22	LK	NW	312	0.5	passive	ERG	0.0515	5006	5.5	inHg	0120413-01
South DeKalb	2020-11-23	0.17		NW	312	0.5	passive	EPD		35815	0.4	psi	AK64351
South DeKalb	2020-11-29	0.31	LK	E	89	0.7	passive	ERG	0.0515	5100	5.1	inHg	0121015-01
South DeKalb	2020-11-29		AF	E	89	0.7	passive	EPD		35771	VOID		AK64352
South DeKalb	2020-12-05	0.57		WNW	292	0.7	passive	EPD		35806	0	inHg	AK64347
South DeKalb	2020-12-05	0.17	LK	WNW	292	0.7	passive	ERG	0.0515	5101	0.0	inHg	0121641-01
South DeKalb	2020-12-11	0.38		ESE	118	0.1	passive	EPD		35701	0	inHg	AK64348
South DeKalb	2020-12-11	QA		ESE	118	0.1	passive	ERG	0.0515	35136	4	inHg	0122328-02
South DeKalb	2020-12-11	0.14		ESE	118	0.1	passive	ERG	0.0515	A21036	1.9	inHg	0122328-01
South DeKalb	2020-12-17	0.29	LK	WNW	293	1	passive	ERG	0.0515	22325	1.8	inHg	0123027-01
South DeKalb	2020-12-17	0.09		WNW	293	1	passive	EPD		35872	0.8	psi	AK65737
South DeKalb	2020-12-23	0.24		ESE	109	0.6	passive	EPD		35792	0.8	psi	AK65736
South DeKalb	2020-12-23	0.10		ESE	109	0.6	ATEC	ERG	0.0515	110305	10	psig	1010721-01
South DeKalb	2020-12-23	0.09		ESE	109	0.6	passive	ERG	0.0515	114348	3.8	inHg	1010628-01
South DeKalb	2020-12-29	0.14		E	98	0.2	passive	EPD		35457	3	inHg	AK65735
South DeKalb	2020-12-29	0.09		E	98	0.2	passive	ERG	0.0515	114329	3.9	inHg	1011328-02
South DeKalb	2020-12-29		AK	E	98	0.2	ATEC	ERG		SAT007	VOID		1011328-01
South DeKalb	2021-01-04	0.08		WNW	287	0.3	passive	ERG	0.0515	35152	2.1	inHg	1011328-03
South DeKalb	2021-01-04	0.13	J, Q-2	WNW	287	0.3	passive	EPA					1011328-03
South DeKalb	2021-01-04	QA	SC	CE	WNW	287	0.3	passive	EPA	0.0515	35124	VOID	1011328-04
South DeKalb	2021-01-04	QA	SC		WNW	287	0.3	passive	EPA				1011328-04
South DeKalb	2021-01-10	0.17	2	SE	130	0.1	passive	ERG	0.0515	A21001	0	inHg	1012128-02
South DeKalb	2021-01-10	0.05		SE	130	0.1	passive	EPD		35651	0.6	psi	AK65738
South DeKalb	2021-01-10		U, ND	SE	130	0.1	ATEC	ERG	0.0515	33309	11.9	psig	1012128-01
South DeKalb	2021-01-16	0.13	2	WNW	287	0.8	passive	ERG	0.0515	A21108	0	inHg	1012725-01
South DeKalb	2021-01-16	0.09		WNW	287	0.8	passive	EPD		86335	1	psi	AK66956
South DeKalb	2021-01-16	0.05	2	WNW	287	0.8	ATEC	ERG	0.0515	33496	12.4	psig	1012725-02
South DeKalb	2021-01-22	0.26	LK, 2, 1, 6	W	271	0.3	ATEC	ERG	0.0515	SAT129	12.8	psig	1012902-02

South DeKalb	2021-01-22	0.09		W	271	0.3	passive	EPD		114321	0	inHg	AK66957	
South DeKalb	2021-01-22	0.00	2, ND, U	W	271	0.3	passive	ERG	0.0515	SAT078	0.0	inHg	1012902-01	
South DeKalb	2021-01-28	0.76	2, LK	NW	319	1.2	passive	ERG	0.0515	33493	0.0	inHg	1020518-01	
South DeKalb	2021-01-28	0.26	2, 1, 6	NW	319	1.2	ATEC	ERG	0.0515	SAT025	12.9	psig	1020518-02	
South DeKalb	2021-01-28	0.08		NW	319	1.2	passive	EPD		111205	0.6	psi	AK67640	
South DeKalb	2021-02-03	QA	0.06	2	WNW	302	0.8	passive	ERG	0.0472	110342	0.0	inHg	1021209-02
South DeKalb	2021-02-03		AA	LK	WNW	302	0.8	passive	ERG	0.0472	AQL0397	VOID		1021209-01
South DeKalb	2021-02-03		AF		WNW	302	0.8	ATEC	ERG		114370	Did Not Collect		AK67641
South DeKalb	2021-02-09	0.39		LK, 2	ENE	60	0.1	passive	ERG	0.0472	SAT112	6.2	inHg	1021909-03
South DeKalb	2021-02-09	0.08			ENE	60	0.1	passive	EPD		114393	0	inHg	AK67642
South DeKalb	2021-02-09	0.26		U	ENE	60	0.1	passive	EPA					AK67642
South DeKalb	2021-02-09		AF		ENE	60	0.1	ATEC	ERG			Did Not Collect		No sample ID possible
South DeKalb	2021-02-15	0.19		1, 6	E	94	0.9	passive	ERG	0.0472	35135	4.9	inHg	1022212-01
South DeKalb	2021-02-15	0.06			E	94	0.9	passive	EPD		114379	6	inHg	AK68474
South DeKalb	2021-02-15	0.04		1, 6, VB, U	E	94	0.9	ATEC	ERG	0.0472	2767	12.9	psig	1022212-02
South DeKalb	2021-02-15	0.33		U	E	94	0.9	passive	EPA					AK68474
South DeKalb	2021-02-15	0.31			E	94	0.9	passive	EPA					1022212-01
South DeKalb	2021-02-21	0.57			SE	125	0.8	passive	EPD		SAT092	10.4	psi	AK71360
South DeKalb	2021-02-21	0.26			SE	125	0.8	passive	EPD		114309	9	inHg	AK68475
South DeKalb	2021-02-21	0.22		1, 6	SE	125	0.8	ATEC	ERG	0.0472	SAT092	12.8	psig	1030511-02
South DeKalb	2021-02-21	0.12		1, 6	SE	125	0.8	passive	ERG	0.0472	18828	5.0	inHg	1030511-01
South DeKalb	2021-02-21	0.28		J, Q-2	SE	125	0.8	passive	EPA					AK68475
South DeKalb	2021-02-21	0.23		U	SE	125	0.8	passive	EPA					1030511-01
South DeKalb	2021-02-27	0.50			E	90	0.4	passive	EPD		SAT002	1.5	inHg	AK71361
South DeKalb	2021-02-27	0.13		2	E	90	0.4	passive	ERG	0.0472	SAT002	0.0	inHg	1030511-04
South DeKalb	2021-02-27	0.09			E	90	0.4	passive	EPD		114321	0	inHg	AK69585
South DeKalb	2021-02-27	0.08		1, 6	E	90	0.4	ATEC	ERG	0.0472	33540	13.0	psig	1030511-03
South DeKalb	2021-02-27	0.11		1, 6, J, Q-2	E	90	0.4	ATEC	EPA					1030511-03
South DeKalb	2021-03-05		AF		NW	318	0.3	passive	EPD		101	VOID		AK69586
South DeKalb	2021-03-05		AF		NW	318	0.3	passive				Did Not Collect		No sample ID possible
South DeKalb	2021-03-11	0.30			SSE	162	0.2	passive	EPD		114375	1	inHg	AK69587
South DeKalb	2021-03-11	QA	0.23	2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	SAT101	12.4	psig	1031637-02
South DeKalb	2021-03-11	0.22			SSE	162	0.2	passive	ERG	0.0472	A21006	1.3	inHg	1031637-03
South DeKalb	2021-03-11	0.17		2, 1, 6	SSE	162	0.2	ATEC	ERG	0.0472	A21056	13.2	psig	1031637-01
South DeKalb	2021-03-17	0.15			E	100	0.7	passive	EPD		114380	1	inHg	AK69588
South DeKalb	2021-03-17	0.07		1, 6	E	100	0.7	ATEC	ERG	0.0472	9570	13.2	psig	1032327-02
South DeKalb	2021-03-17	0.05		2	E	100	0.7	passive	ERG	0.0472	110314	0.0	inHg	1032327-01
South DeKalb	2021-03-23	QA	0.19	2	E	100	0.8	passive	ERG	0.0472	111219	6.2	inHg	1032613-02

South DeKalb	2021-03-23	0.14		E	100	0.8	passive	EPD		114321	4	inHg	AK71208	
South DeKalb	2021-03-23	0.11		E	100	0.8	passive	ERG	0.0472	114366	6	inHg	1032613-01	
South DeKalb	2021-03-23	0.29	U	E	100	0.8	passive	EPA					AK71208	
South DeKalb	2021-03-23		AF	E	100	0.8	ATEC	ERG		110258	Did Not Collect		1032613-03	
South DeKalb	2021-03-29	0.36		E	82	0.1	passive	EPD		114378	4	inHg	AK71209	
South DeKalb	2021-03-29	0.10	1, 6	E	82	0.1	ATEC	ERG	0.0472	SAT061	12.4	psig	1040132-01	
South DeKalb	2021-03-29	0.07		E	82	0.1	passive	ERG	0.0472	114322	3.1	inHg	1040132-02	
South DeKalb	2021-03-31	3.09	LK, 1, 6	WSW	258	0.1	ATEC	ERG	0.0472	A21007	12.6	psig	1040822-01	
South DeKalb	2021-04-04	0.32		W	281	0.3	passive	EPD		114370	0.3	psi	AK71210	
South DeKalb	2021-04-04	QA	0.15	W	281	0.3	passive	ERG	0.0472	33315	5.2	inHg	1040822-03	
South DeKalb	2021-04-04	0.09		W	281	0.3	passive	ERG	0.0472	18889	2.5	inHg	1040822-02	
South DeKalb	2021-04-04		AF	W	281	0.3	ATEC				Did Not Collect		No sample ID possible	
South DeKalb	2021-04-07	QA	0.29	LK, 1, 6	SW	229	0.2	ATEC	ERG	0.0472	SAT057	12.8	psig	1041411-01
South DeKalb	2021-04-07	0.12	1, 6	SW	229	0.2	ATEC	ERG	0.0472	19284	13.4	psig	1041341-01	
South DeKalb	2021-04-10	0.31	LK	SE	143	0.4	passive	ERG	0.0472	SAT073	5.9	inHg	1041341-02	
South DeKalb	2021-04-10	0.19		SE	143	0.4	passive	EPD		114350	6	inHg	AK72185	
South DeKalb	2021-04-10	0.19		SE	143	0.4	passive	EPD		SAT130	10.2	psi	AK74308	
South DeKalb	2021-04-10	0.10	2, 1, 6	SE	143	0.4	ATEC	ERG	0.0472	SAT130	11.6	psig	1041341-03	
South DeKalb	2021-04-16	0.34		S	182	0.1	passive	EPD		114360	5	inHg	AK72184	
South DeKalb	2021-04-16	0.18	1, 6	S	182	0.1	ATEC	ERG	0.0472	SAT020	12.6	psig	1042121-02	
South DeKalb	2021-04-16	0.09		S	182	0.1	passive	ERG	0.0472	9570	3.9	inHg	1042121-01	
South DeKalb	2021-04-22	0.26		WNW	290	0.2	passive	EPD		114309	0.4	psi	AK72186	
South DeKalb	2021-04-22	0.07	1, 6	WNW	290	0.2	ATEC	ERG	0.0472	110322	12.4	psig	1042837-02	
South DeKalb	2021-04-22	0.06	2	WNW	290	0.2	passive	ERG	0.0472	18865	0.0	inHg	1042837-01	
South DeKalb	2021-04-28	0.56	LK, 1, 6, D-F	SSW	192	0.2	ATEC	ERG	0.0472	SAT075	12.7	psig	1050525-02	
South DeKalb	2021-04-28	0.36	LK, D-F	SSW	192	0.2	passive	ERG	0.0472	SAT018	5.9	inHg	1050525-01	
South DeKalb	2021-04-28	0.31		SSW	192	0.2	passive	EPD		111212	6	inHg	AK72188	
South DeKalb	2021-05-04	0.80		SSW	212	0.1	passive	EPD		A21047	9	psi	AK77550	
South DeKalb	2021-05-04	0.68	LK, D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21096	9.00	inHg	1051245-01	
South DeKalb	2021-05-04	0.29	LK, 1, 6	SSW	212	0.1	ATEC	ERG	0.0472	A21047	10	psig	1051245-03	
South DeKalb	2021-05-04	QA	0.27	D-F, 2	SSW	212	0.1	passive	ERG	0.0472	A21013	13.5	inHg	1051245-02
South DeKalb	2021-05-04	1.00	LK	SSW	212	0.1	passive	EPA					1051245-01	
South DeKalb	2021-05-04	QA	0.34	J, Q-2	SSW	212	0.1	passive	EPA				1051245-02	
South DeKalb	2021-05-04		AL	SSW	212	0.1	passive	EPD		114321	VOID		AK73452	
South DeKalb	2021-05-10	0.58		W	278	0.4	passive	EPD		33235	7.6	psi	AK77552	
South DeKalb	2021-05-10	0.23		W	278	0.4	passive	EPD		18879	7	inHg	AK77551	
South DeKalb	2021-05-10	0.21		W	278	0.4	passive	ERG	0.0472	18879	5.8	inHg	1051940-01	
South DeKalb	2021-05-10	QA	0.15	1, 6	W	278	0.4	ATEC	ERG	0.0472	18881	12.4	psig	1051940-02

South DeKalb	2021-05-10		0.10	1, 6	W	278	0.4	ATEC	ERG	0.0472	33235	10.2	psig	1051940-03
South DeKalb	2021-05-10	QA	0.3	1, 6	W	278	0.4	ATEC	EPA					105940-02
South DeKalb	2021-05-10			AL	W	278	0.4	passive	EPD		114378	VOID		AK73453
South DeKalb	2021-05-16		0.55		SSW	205	0.2	passive	ERG	0.0472	19656	5.5	inHg	1052113-01
South DeKalb	2021-05-16		0.13	1, 6	SSW	205	0.2	ATEC	ERG	0.0472	19648	9.8	psig	1052014-01
South DeKalb	2021-05-16			AL	SSW	205	0.2	passive	EPD		114375	VOID		AK73454
South DeKalb	2021-05-22		0.62		SE	146	0.1	passive	EPD		101	6	inHg	AK73456
South DeKalb	2021-05-22		0.26	1, 6	SE	146	0.1	ATEC	ERG	0.0472	18873	9.8	psig	1060326-03
South DeKalb	2021-05-22		0.17	2	SE	146	0.1	passive	ERG	0.0472	19288	6.2	inHg	1060326-02
South DeKalb	2021-05-28		0.48	2	SW	234	0.5	passive	ERG	0.0472	33507	7.1	inHg	1060416-01
South DeKalb	2021-05-28		0.42		SW	234	0.5	passive	EPD		114309	6	inHg	AK75225
South DeKalb	2021-05-28		0.16	1, 6, 2	SW	234	0.5	ATEC	ERG	0.0472	114366	9.6	psig	1060416-02
South DeKalb	2021-06-03		0.27		WSW	238	0.1	passive	EPD	0.0288	114384	6	inHg	AK75226
South DeKalb	2021-06-03		0.21		WSW	238	0.1	passive	ERG	0.0472	110306	6.0	inHg	1060835-01
South DeKalb	2021-06-03	QA	0.09		WSW	238	0.1	passive	ERG	0.0472	19299	7.80	inHg	1060835-02
South DeKalb	2021-06-03			AF	WSW	238	0.1	ATEC						No sample ID possible
South DeKalb	2021-06-05	QA	0.18		SE	137	0.2	ATEC	ERG	0.0472	110308	9.60	psig	1061035-01
South DeKalb	2021-06-05		0.15	1, 6	SE	137	0.2	ATEC	ERG	0.0472	19649	13.2	psig	1061035-02
South DeKalb	2021-06-07		0.23					passive	EPD	0.0288	114360	6.20	inHg	AK75227
South DeKalb	2021-06-07		0.17					passive	EPD	0.0288	114350	5.5	inHg	AK75228
South DeKalb	2021-06-09		0.19		SSW	204	0.1	passive	EPD	0.0288	GL065	9	inHg	AK75229
South DeKalb	2021-06-09		0.17		SSW	204	0.1	passive	ERG	0.0472	18824	2.5	inHg	1061822-01
South DeKalb	2021-06-09		0.09	1, 6	SSW	204	0.1	ATEC	ERG	0.0472	19658	10	psig	1061822-02
South DeKalb	2021-06-10		0.23					passive	EPD	0.0288	114377	6.90	inHg	AK76054
South DeKalb	2021-06-10			AL				passive	EPD	0.0288	110316	VOID		AK76055
South DeKalb	2021-06-15		0.38		WNW	289	0.4	passive	EPD	0.0288	110343	6.5	inHg	AK75230
South DeKalb	2021-06-15		0.30		WNW	289	0.4	passive	ERG	0.0472	114340	3	inHg	1062364-01
South DeKalb	2021-06-15		0.13	1, 6	WNW	289	0.4	ATEC	ERG	0.0472	114344	9.8	psig	1062364-02
South DeKalb	2021-06-16		0.25					passive	EPD	0.0288	117224	4.00	inHg	AK76057
South DeKalb	2021-06-16		0.21					passive	EPD	0.0288	114345	6	inHg	AK76056
South DeKalb	2021-06-21		0.23		SW	235	0.4	passive	ERG	0.0472	114348	3.80	inHg	1062930-02
South DeKalb	2021-06-21		0.18		SW	235	0.4	passive	EPD	0.0288	111212	6.5	inHg	AK76932
South DeKalb	2021-06-21		0.08		SW	235	0.4	ATEC	ERG	0.0472	19643	10.00	psig	1062930-01
South DeKalb	2021-06-22		0.34					passive	EPD	0.0288	114328	3.50	inHg	AK76058
South DeKalb	2021-06-22		0.19					passive	EPD	0.0288	114311	6	inHg	AK76059
South DeKalb	2021-06-27		0.28	LK	ESE	120	0.4	passive	ERG	0.0472	A21107	3.10	inHg	1070114-01
South DeKalb	2021-06-27		0.19		ESE	120	0.4	ATEC	ERG	0.0472	SAT037	9.80	psig	1070114-02
South DeKalb	2021-06-27		0.14		ESE	120	0.4	passive	EPD	0.0288	114321	6.5	inHg	AK76933

South DeKalb	2021-06-28	0.34						passive	EPD	0.0288	114378	3.70	inHg	AK76934
South DeKalb	2021-06-28	0.15						passive	EPD	0.0288	114375	6	inHg	AK76935
South DeKalb	2021-07-01	0.29						passive	EPD	0.0288	114384	3.90	inHg	AK77722
South DeKalb	2021-07-01	0.13						passive	EPD	0.0288	114380	7	inHg	AK76937
South DeKalb	2021-07-03	QA	0.50	D-F, LK	W	272	0.1	passive	ERG	0.0472	A21091	12.20	inHg	1070816-02
South DeKalb	2021-07-03		0.25	D-F	W	272	0.1	passive	ERG	0.0472	A21035	3.20	inHg	1070816-01
South DeKalb	2021-07-03		0.17		W	272	0.1	passive	EPD	0.0288	101	6.5	inHg	AK76936
South DeKalb	2021-07-03		0.14		W	272	0.1	ATEC	ERG	0.0472	18817	9.80	psig	1070816-03
South DeKalb	2021-07-09		0.23		WNW	289	0.3	passive	ERG	0.0472	111211	14.00	inHg	1072323-01
South DeKalb	2021-07-09		0.16		WNW	289	0.3	ATEC	ERG	0.0472	110308	9.60	psig	1072323-03
South DeKalb	2021-07-09	QA	0.08		WNW	289	0.3	ATEC	ERG	0.0472	110335	9.40	psig	1072323-05
South DeKalb	2021-07-09			AL	WNW	289	0.3	passive	EPD	0.0288	114350	VOID		AK77723
South DeKalb	2021-07-15		0.90		WNW	284	0.1	passive	EPD	0.0288	GL065	7.5	inHg	AK77725
South DeKalb	2021-07-15		0.56		WNW	284	0.1	passive	ERG	0.0472	110314	2.00	inHg	1072323-02
South DeKalb	2021-07-15		0.17		WNW	284	0.1	ATEC	ERG	0.0472	110252	9.60	psig	1072323-04
South DeKalb	2021-07-21		0.90		WSW	243	0.1	passive	EPD	0.0288	114360	7.5	inHg	AK77727
South DeKalb	2021-07-21		0.60		WSW	243	0.1	passive	ERG	0.0262	114366	2.80	inHg	1072939-01
South DeKalb	2021-07-21		0.13		WSW	243	0.1	ATEC	ERG	0.0472	19643	10.20	psig	1072939-02
South DeKalb	2021-07-27		0.51		SE	144	0.1	passive	ERG	0.0472	110305	0	inHg	1080437-01
South DeKalb	2021-07-27		0.22		SE	144	0.1	ATEC	ERG	0.0472	35140	10.00	psig	1080437-02
South DeKalb	2021-08-02	QA	0.80	LK	W	266	0.1	passive	ERG	0.0472	SAT068	6.90	inHg	1080605-01
South DeKalb	2021-08-02		0.53		W	266	0.1	passive	EPD	0.0288	110343	6.90	inHg	AK79849
South DeKalb	2021-08-02		0.46	LK	W	266	0.1	passive	ERG	0.0472	A21073	7.10	inHg	1080542-01
South DeKalb	2021-08-02		0.33		W	266	0.1	ATEC	ERG	0.0472	35158	10.00	psig	1080605-02
South DeKalb	2021-08-08		0.59		S	174	0.1	passive	EPD	0.0288	114342	7.50	inHg	AK79850
South DeKalb	2021-08-08	QA	0.40	D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21067	9.60	psig	1081128-03
South DeKalb	2021-08-08		0.31	I-02	S	174	0.1	passive	ERG	0.0472	19668	7.10	inHg	1081128-01
South DeKalb	2021-08-08		0.31	D-F, LK	S	174	0.1	ATEC	ERG	0.0472	A21076	9.80	psig	1081128-02
South DeKalb	2021-08-14		1.56	LK	SSW	196	0.1	passive	ERG	0.0472	SAT039	8.20	inHg	1081922-01
South DeKalb	2021-08-14		0.19		SSW	196	0.1	ATEC	ERG	0.0472	114344	9.60	psig	1081922-02
South DeKalb	2021-08-14			AN	SSW	196	0.1	passive	EPD	0.0288	110329	15.70	inHg	AK79851
South DeKalb	2021-08-20		0.67	LK	W	280	0.2	passive	ERG	0.0472	A21051	7.80	inHg	1082708-01
South DeKalb	2021-08-20		0.29		W	280	0.2	ATEC	ERG	0.0472	35134	9.80	psig	1082708-02
South DeKalb	2021-08-20		0.26		W	280	0.2	passive	EPD	0.0288	114321	7.80	inHg	AK82457
South DeKalb	2021-08-26		0.23		SE	137	0.2	ATEC	ERG	0.0472	44	9.40	psig	1090937-01
South DeKalb	2021-08-26		0.21		SE	137	0.2	passive	EPD	0.0288	114375	6.90	inHg	AK82458
South DeKalb	2021-08-26		0.15		SE	137	0.2	passive	ERG	0.0472	110308	8.70	inHg	1090937-03
South DeKalb	2021-09-01	QA	0.44	LK	W	281	0.7	passive	ERG	0.0472	A21081	6.00	inHg	1090937-05

South DeKalb	2021-09-01	0.22	LK	W	281	0.7	passive	ERG	0.0472	A21072	7.20	inHg	1090937-04
South DeKalb	2021-09-01	0.19		W	281	0.7	passive	EPD	0.0288	114380	5.50	inHg	AK82459
South DeKalb	2021-09-01	0.12		W	281	0.7	ATEC	ERG	0.0472	111211	9.60	psig	1090937-02
South DeKalb	2021-09-07	0.18		E	94	0.1	ATEC	ERG	0.0472	110305	9.80	psig	1091311-03
South DeKalb	2021-09-07	0.13		E	94	0.1	passive	ERG	0.0472	9570	7.80	inHg	1091311-02
South DeKalb	2021-09-07	QA		E	94	0.1	ATEC	ERG	0.0472	114366	9.40	psig	1091311-01
South DeKalb	2021-09-07		AF	E	94	0.1	passive	EPD	0.0288	114384	27.00	inHg	AK82461
South DeKalb	2021-09-13	0.29		W	278	0.1	passive	EPD	0.0288	110343	7.10	inHg	AK84722
South DeKalb	2021-09-13	0.17		W	278	0.1	passive	ERG	0.0472	114322	5.80	inHg	1092020-01
South DeKalb	2021-09-13	0.16		W	278	0.1	ATEC	ERG	0.0472	114348	9.40	psig	1092020-02
South DeKalb	2021-09-19	1.69		ESE	103	0.2	passive	ERG	0.0472	A21095	10.20	inHg	1092308-01
South DeKalb	2021-09-19	0.39		ESE	103	0.2	ATEC	ERG	0.0472	35135	14.50	inHg	1092308-02
South DeKalb	2021-09-19		AF	ESE	103	0.2	passive	EPD	0.0288	114350	22.00	inHg	AK84717
South DeKalb	2021-09-22	0.25		W	270	0.2	ATEC	ERG	0.0472	19282	14.50	inHg	1092940-02
South DeKalb	2021-09-25	0.33		W	280	0.1	passive	EPD	0.0288	86335	1.50	inHg	AK84718
South DeKalb	2021-09-25	0.21	LK	W	280	0.1	ATEC	ERG	0.0472	SAT061	9.60	psig	1093009-01
South DeKalb	2021-09-25	0.47	LK	W	280	0.1	passive	ERG	0.0472	A21106	7.00	inHg	1092940-01
South DeKalb	2021-10-01	0.41		SE	132	0.1	ATEC	EPD	0.0288	110343	10.60	psig	AK87171
South DeKalb	2021-10-01	0.30		SE	132	0.1	passive	EPD	0.0288	114377	5.90	inHg	AK84720
South DeKalb	2021-10-09	0.31		NW	326	0.0	passive	EPD	0.0288	110327	4.00	inHg	AK87159
South DeKalb	2021-10-09	0.15		NW	326	0.0	passive	ERG	0.0472	110305	5.90	inHg	1101516-01
South DeKalb	2021-10-09	0.11		NW	326	0.0	ATEC	ERG	0.0472	110252	9.20	psig	1101516-02
South DeKalb	2021-10-19	0.39		SSW	193	0.1	passive	EPD	0.0288	GL065	2.90	inHg	AK87161
South DeKalb	2021-10-19	0.14		SSW	193	0.1	ATEC	ERG	0.0472	18818	5.40	psig	1102730-01
South DeKalb	2021-10-19	0.11		SSW	193	0.1	passive	ERG	0.0472	19656	4.80	inHg	1102628-01
South DeKalb	2021-10-21	0.36		SSW	202	0.1	passive	EPD	0.0288	114320	3.00	inHg	AK87160
South DeKalb	2021-10-21	0.17	LK	SSW	202	0.1	passive	ERG	0.0472	SAT062	4.80	inHg	1102730-02
South DeKalb	2021-10-25	0.45	LK	W	259	0.3	ATEC	ERG	0.0472	SAT025	12.40	psig	1110507-01
South DeKalb	2021-10-25	0.29		W	259	0.3	passive	EPD	0.0288	114368	3.00	inHg	AK87162
South DeKalb	2021-10-28	0.39	LK	E	99	0.6	ATEC	ERG	0.0472	A21032	12.80	psig	1110507-05
South DeKalb	2021-10-28	QA		E	99	0.6	ATEC	ERG	0.0472	A21026	9.80	psig	1110507-04
South DeKalb	2021-10-31	0.39	LK	WNW	286	0.5	ATEC	ERG	0.0472	A21069	12.80	psig	1110507-06
South DeKalb	2021-10-31	QA		WNW	286	0.5	passive	ERG	0.0472	A21031	4.20	inHg	1110507-02
South DeKalb	2021-10-31	0.14		WNW	286	0.5	passive	ERG	0.0472	A21025	2.90	inHg	1110507-03
South DeKalb	2021-10-31	0.12		WNW	286	0.5	passive	EPD	0.0288	114353	4.00	inHg	AK88029



### Ethylene Oxide Data - Field Blank Data

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Wind Direction	Wind Direction (degrees)	Wind Speed	Sampler Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Final Canister Pressure Units	Sample ID
Cobb FB	2020-01-23		0.00		U, ND	ENE	78	2.2	Field Blank	ERG	0.0452	9570	Field Blank		0013118-01
Cobb FB	2020-02-21		0.00		U, ND	NW	321	2.7	Field Blank	ERG	0.0452	53	Field Blank		0030235-05
Cobb FB	2020-03-25		0.00		U, ND				Field Blank	ERG	0.0515	A21074	Field Blank		0040116-01
Cobb FB	2020-04-24		0.00		U, ND				Field Blank	ERG	0.0515	9570	Field Blank		0050113-06
Cobb FB	2020-05-26		0.00		U, ND				Field Blank	ERG		SAT081	Field Blank		0052917-01
Cobb FB	2020-06-23		0.00		ND, U				Field Blank	ERG	0.0515	33506	Field Blank		0062611-07
Cobb FB	2020-07-22		0.03		U				Field Blank	ERG	0.0515	SAT025	Field Blank		0072930-07
Cobb FB	2020-09-29			AR					Field Blank	ERG		5054	Field Blank		0100211-06
Cobb FB	2020-11-24		0.01		U				Field Blank	ERG	0.0515	2240	Field Blank		0120410-11
Cobb FB	2020-12-28		0.00		U, ND				Field Blank	ERG	0.0515	A22304	Field Blank		1011327-01
Cobb FB	2021-01-27		0.00		ND, U				Field Blank	ERG	0.0515	110314	Field Blank		1020318-05
Cobb FB	2021-04-27		0.00		ND, U				Field Blank	ERG	0.0472	114344	Field Blank		1050423-01
Cobb FB	2021-05-27		0.00		ND, U				Field Blank	ERG	0.0472	33506	Field Blank		1060241-01
Cobb FB	2021-06-24		0.00		ND, U				Field Blank	ERG	0.0472	111217	Field Blank		1070113-01
Cobb FB	2021-07-26				U				Field Blank	ERG	0.0472	19299	Field Blank		1072938-05
Cobb FB	2021-08-24				U				Field Blank	ERG	0.0472	110314	Field Blank		1090124-01
Cobb FB	2021-09-13				U				Field Blank	ERG	0.0472	18818	Field Blank		1091620-03
Cobb FB	2021-10-27		0.00						Field Blank	EPD	0.0288	114358	Field Blank		AK88023
Covington FB	2019-10-30		0.00		ND, U	SE	130	1.2	Field Blank	ERG	0.0452	A21032	Field Blank		9110118-10
Covington FB	2019-12-30		0.00		ND, U				Field Blank	ERG	0.0452	A21026	Field Blank		0010322-09
Covington FB	2020-01-27		0.00		U, ND				Field Blank	ERG	0.0452	A21000	Field Blank		0013117-03
Covington FB	2020-02-21		0.00		U, ND				Field Blank	ERG	0.0452	19280	Field Blank		0030236-01
Covington FB	2020-03-25		0.00		U, ND				Field Blank	ERG	0.0515	A21000	Field Blank		0040115-06
Covington FB	2020-04-24		0.03		U				Field Blank	ERG	0.0515	SAT008	Field Blank		0050114-06
Covington FB	2020-05-22			AR					Field Blank	ERG		A21073	Field Blank		0052918-01
Covington FB	2020-06-24		0.00		ND				Field Blank	ERG	0.0515	SAT056	Field Blank		0070602-06
Covington FB	2020-09-28			AR					Field Blank	ERG		19281	Field Blank		0100213-01
Covington FB	2020-11-24		0.00		ND, U				Field Blank	ERG	0.0515	SAT043	Field Blank		0120411-06
Covington FB	2020-12-28		0.00		U, ND				Field Blank	ERG	0.0515	213	Field Blank		1011326-01
Covington FB	2021-01-26		0.00		ND, U				Field Blank	ERG	0.0515	A21011	Field Blank		1020319-01
Covington FB	2021-04-27		0.00		ND, U				Field Blank	ERG	0.0472	110342	Field Blank		1050523-06
Covington FB	2021-05-25		0.00		ND, U				Field Blank	ERG	0.0472	110252	Field Blank		1060324-06
Covington FB	2021-06-25		0.00		ND, U				Field Blank	ERG	0.0472	SAT125	Field Blank		1070116-06
Covington FB	2021-07-26				U				Field Blank	ERG	0.0472	114386	Field Blank		1072936-05

Covington FB	2021-08-25		U				Field Blank	ERG	0.0472	CLS647	Field Blank	1090127-01
Covington FB	2021-09-07		U				Field Blank	ERG	0.0472	33243	Field Blank	1091621-04
Covington FB	2021-10-28	0.00					Field Blank	EPD	0.0288	110336	Field Blank	AK88025
Fulton FB	2020-02-21	0.00	U, ND	NW	312	4	Field Blank	ERG		A21096	Field Blank	0030234-03
Fulton FB	2020-05-26	0.03	LK, U				Field Blank	ERG		35118	Field Blank	0052919-01
Fulton FB	2020-06-23	0.00	U, ND				Field Blank	ERG	0.0515	19300	Field Blank	0062612-03
Fulton FB	2020-07-22	0.00	U, ND	N	8	1.4	Field Blank	ERG	0.0515	A21012	Field Blank	0072931-03
Fulton FB	2020-09-29		AR				Field Blank	ERG		SAT027	Field Blank	0100212-04
Fulton FB	2020-11-24	0.01	U, LK				Field Blank	ERG	0.0515	SAT037	Field Blank	0120412-05
Fulton FB	2020-12-28	0.00	U, ND				Field Blank	ERG	0.0515	18836	Field Blank	1011329-01
Fulton FB	2021-01-27	0.00	ND, U				Field Blank	ERG	0.0515	5101	Field Blank	1020317-04
Fulton FB	2021-04-27	0.04	U				Field Blank	ERG	0.0472	SAT029	Field Blank	1050524-01
Fulton FB	2021-05-27	0.00	ND, U				Field Blank	ERG	0.0472	33540	Field Blank	1060242-01
Fulton FB	2021-06-24	0.00	ND, U				Field Blank	ERG	0.0472	A21031	Field Blank	1070115-04
Fulton FB	2021-07-26	0.12					Field Blank	ERG	0.0472	35108	Field Blank	1072937-04
Fulton FB	2021-08-24		U				Field Blank	ERG	0.0472	35139	Field Blank	1090130-01
Fulton FB	2021-09-14		U				Field Blank	ERG	0.0472	18832	Field Blank	1091619-03
Fulton FB	2021-10-27	0.00					Field Blank	EPD	0.0288	110313	Field Blank	AK88027

### Ethylene Oxide Data - Picarro Hourly Data (South DeKalb)

Sample Date	Sample Time	Concentration (ug/m3)
2021-04-01	12:00:00 AM	-0.148283934
2021-04-01	1:00:00 AM	-0.134517768
2021-04-01	2:00:00 AM	-0.137522531
2021-04-01	3:00:00 AM	-0.085184136
2021-04-01	4:00:00 AM	-0.095713979
2021-04-01	5:00:00 AM	-0.134184183
2021-04-01	6:00:00 AM	-0.035830381
2021-04-01	7:00:00 AM	-0.089932908
2021-04-01	8:00:00 AM	-0.054087783
2021-04-01	9:00:00 AM	-0.022826439
2021-04-01	10:00:00 AM	-0.055330191
2021-04-01	11:00:00 AM	-0.1188431
2021-04-01	12:00:00 PM	-0.094238891
2021-04-01	1:00:00 PM	-0.029559342
2021-04-01	2:00:00 PM	-0.15249945
2021-04-01	3:00:00 PM	-0.099996534
2021-04-01	4:00:00 PM	-0.064245807
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2021-09-20	7:00:00 AM	-0.052578483

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2021-09-20	10:00:00 AM	-0.00937079
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2021-10-13	2:00:00 AM	0.047614994
2021-10-13	3:00:00 AM	-0.010709573
2021-10-13	4:00:00 AM	-0.02417809
2021-10-13	5:00:00 AM	0.019932498
2021-10-13	6:00:00 AM	0.011158244
2021-10-13	7:00:00 AM	0.003743718

### Ethylene Oxide Data - Humidity Study Data

Site Name	Sample Date	QA	Concentration (ug/m3)	Null Code	Qualifier Code	Sampler Type	Wind Direction	Wind Direction (degrees)	Wind Speed	Lab	Rel. Humidity Daily Max	Rel. Humidity Daily Average	Canister	Sample ID
C1	2019-10-03		1.08			passive	WNW	300	0.6	ERG	89	60	18865	9100922-01
C1	2019-10-06		0.14			passive	E	85	2.3	ERG	94	78	SAT145	9100922-05
C1	2019-10-12		1.61		LK	passive	WNW	290	1	ERG	88	63	5050	9101803-01
C1	2019-10-27		2.57		LK, 2	passive	WNW	290	2	ERG	94	77	5004	9103069-01
C1	2019-10-30		0.35		2	passive	SE	130	1.2	ERG	100	95	SAT014	9110118-01
C1	2019-11-01		0.17			passive	NW	320	1.9	ERG	93	67	A21046	9110553-01
C1	2019-11-03		0.20		LK, 2	passive	NW	320	0.6	ERG	93	61	5145	9110635-01
C1	2019-11-05		0.11			passive	NNE	30	0.6	ERG	88	67	SAT072	9110810-01
C1	2019-11-08		0.41		2	passive	NNW	330	1.9	ERG	94	78	19664	9111412-01
C1	2019-11-15		0.67		LK	passive	NE	50	1.3	ERG	100	93	AZ50	9112026-01
C2	2019-10-03		0.60		LK	passive	WNW	300	0.6	ERG	89	60	N4102	9100922-02
C2	2019-10-06		0.16			passive	E	85	2.3	ERG	94	78	SAT177	9100922-06
C2	2019-10-18		0.47		LK, 2	passive	E	85	1.3	ERG	81	62	5082	9102507-04
C2	2019-10-27		0.32		LK, 2	passive	WNW	290	2	ERG	94	77	5117	9103069-02
C2	2019-10-30		0.33			passive	SE	130	1.2	ERG	100	95	SAT029	9110118-02
C2	2019-11-01		0.22		LK	passive	NW	320	1.9	ERG	93	67	SAT135	9110553-02
C2	2019-11-03		0.24		LK	passive	NW	320	0.6	ERG	93	61	A21096	9110716-01
C2	2019-11-05		0.17		LK	passive	NNE	30	0.6	ERG	88	67	SAT176	9110810-02
C2	2019-11-08		0.05			passive	NNW	330	1.9	ERG	94	78	110335	9111412-02
C2	2019-11-13		0.17		LK	passive	E	90	2	ERG	86	63	5082	9111509-01
C2	2019-11-15		0.25		LK	passive	NE	50	1.3	ERG	100	93	5069	9112026-02
C2	2019-11-20		1.02		2	passive	NNW	315	1	ERG	93	68	SAT063	9112711-01
C2	2019-11-23		0.42		2	passive	W	285	1.5	ERG	100	94	SAT069	9112711-02
C2	2019-11-29		0.44		LK, 2	passive	ENE	75	0.1	ERG	71	52	AZ43	9120610-01
C2	2019-12-05		0.76		2	passive	NW	315	0.9	ERG	93	56	2767	9121207-01
C2	2019-12-08		0.19		LK, 2	passive	E	90	3.3	ERG	87	66	18818	9121207-02
C2	2019-12-11		0.05		LK, 2	passive	NNW	335	2.7	ERG	93	68	19290	9121841-01
C2	2019-12-14		0.40		LK, 2	passive	WNW	290	2.3	ERG	100	88	5115	9121841-06
C2	2019-12-17		0.21		2, LK	passive	WNW	300	3.4	ERG	100	91	5033	9122019-01
C2	2019-12-19		0.21		2	passive	NNE	45	0.8	ERG	86	62	SAT070	0010322-01
C2	2019-12-31		0.29		LK	passive	W	275	2.9	ERG	81	57	5045	0010717-01
C2	2020-01-07		0.49			passive	WNW	285	2.8	ERG	93	70	SAT113	0011618-01
C2	2020-01-10		0.37		2, LK	passive	E	80	2.4	ERG	82	69	SAT050	0011423-04
C2	2020-01-16		0.60			passive	E	88	2.8	ERG	100	77	SAT156	0012927-01
C2	2020-01-19		0.14		LK	passive	NW	310	4.9	ERG	100	72	SAT138	0012317-01
C2	2020-01-22		0.43		LK	passive	ENE	75	1.7	ERG	86	56	5024	0012927-05
C2	2020-01-25		0.84		LK	passive	WNW	290	2.6	ERG	100	87	5132	0013008-01
C2	2020-01-28		1.01		LK	passive	NW	315	1.3	ERG	100	77	5083	0020524-01
C2	2020-02-03		0.33			passive	WSW	245	0.6	ERG	100	60	19649	0021311-01
C2	2020-02-09		0.70			passive	E	80	1.3	ERG	100	90	SAT085	0021921-01

C2	2020-02-21	0.48	LK	passive	NE	45	0.5	ERG	100	84	5145	0022816-01
C2	2020-02-27	0.41		passive	NW	315	3.8	ERG	81	58	SAT008	0030604-01
C2	2020-03-04	0.32	LK	passive	NE	45	0.1	ERG	100	96	5100	0031012-01
C2	2020-03-10	0.55		passive	SW	240	0.6	ERG	100	78	SAT108	0031836-01
C2	2020-03-16	0.09		passive	E	85	2.8	ERG	100	86	18874	0032321-01
C2	2020-03-22	0.36	LK	passive	ENE	80	2.9	ERG	100	82	5136	0040115-01
C2	2020-03-28	0.53	LK	passive	WSW	245	1.1	ERG	100	71	5124	0040814-03
C2	2020-04-03	0.33		passive	NW	310	0.6	ERG	87	55	18885	0041001-01
C2	2020-04-09	0.63	LK	passive	WNW	290	3.3	ERG	100	76	5046	0041707-01
C2	2020-04-15	0.74	LK	passive	NW	315	2.9	ERG	70	51	AZ38	0042218-01
C2	2020-04-21	1.31	LK, 2	passive	WNW	285	2.2	ERG	100	69	5089	0050114-01
C2	2020-04-27	0.98	2	passive	NW	310	2.2	ERG	93	58	19656	0050615-01
C2	2020-05-03	0.67	LK	passive	W	270	1.2	ERG	94	63	5045	0051324-01
C2	2020-05-09	0.29	LK	passive	NW	310	2.1	ERG	100	70	5099	0051504-01
C2	2020-05-21	0.44	LK	passive	NE	58	0.5	ERG	100	88	5017	0052918-03
C2	2020-05-27	0.50		passive	E	80	2.6	ERG	100	88	SAT160	0060508-01
C2	2020-06-02	0.43	LK	passive	SW	238	0.2	ERG	100	70	5072	0061042-01
C2	2020-06-14	0.51	LK, 2	passive	ENE	70	1.2	ERG	94	71	SAT023	0061908-01
C2	2020-06-20	1.04	LK	passive	NNW	330	0.8	ERG	100	73	SAT028	0070602-01
C2	2020-06-26	1.14	LK	passive	WNW	285	2.2	ERG	100	80	5033	0070840-01
C2	2020-07-02	0.27		passive	NNW	335	1.2	ERG	100	80	19280	0070928-01
C2	2020-07-08	0.82	LK	passive	NE	45	0.6	ERG	100	82	5128	0071703-01
C2	2020-07-14	0.72	LK	passive	NW	320	0.2	ERG	100	70	SAT035	0072412-01
C2	2020-07-20	0.29	2	passive	E	80	0.1	ERG	94	67	18868	0072412-05
C2	2020-08-01	0.20	LK	passive	SW	214	0.5	ERG	100	80	SAT053	0081410-01
C2	2020-09-12	0.45	LK	passive	E	85	1.8	ERG	100	86	5014	0092335-01
C2	2020-09-18	4.77	LK	passive	NNW	30	0.8	ERG	100	86	35128	0093025-01
C2	2020-09-24	0.28	LK	passive	E	90	1.6	ERG	100	91	5101	0093025-05
C2	2020-09-30	0.27	2	passive	WNW	300	1	ERG	100	79	18820	0100833-01
C2	2020-10-06	0.39		passive	E	85	0.6	ERG	100	81	SAT080	0101528-01
C2	2020-10-18	0.11		passive	ENE	75	2.3	ERG	93	72	114340	0102916-01
C2	2020-10-24	0.39		passive	SSE	165	0.2	ERG	100	86	111219	0103006-01
C2	2020-10-30	0.13		passive	NW	310	4.1	ERG	77	62	33554	0111125-01
C2	2020-11-05	0.21		passive	ENE	65	1	ERG	93	73	SAT118	0111824-01
C2	2020-11-11	0.20		passive	E	80	0.2	ERG	100	97	18836	0111824-05
C2	2020-11-17	0.28	LK	passive	NW	315	3.4	ERG	87	54	A21069	0112513-01
C2	2020-11-23	0.35		passive	NW	315	2.3	ERG	100	74	SAT152	0120411-01
C2	2020-12-05	0.34	2	passive	WNW	290	3.1	ERG	94	74	33540	0121104-01
C2	2020-12-11	0.15		passive	ESE	115	0.2	ERG	100	77	18870	0122326-01
C2	2020-12-17	0.23	2, LK	passive	WNW	295	3.5	ERG	100	88	35119	0123026-01
C2	2020-12-23	0.10		passive	E	92	1.7	ERG	93	68	110257	1010626-01
C2	2020-12-29	0.18		passive	ENE	75	0.8	ERG	100	80	114322	1011326-02
C2	2021-01-04	0.19		passive	WNW	295	1.2	ERG	100	76	A21028	1011326-06
C2	2021-01-10	0.06		passive	ENE	70	0.5	ERG	100	79	18824	1012127-01
C2	2021-01-16	0.05	VB, U	passive	WNW	285	2.3	ERG	69	54	19657	1012726-01
C2	2021-01-22	0.37	2, LK	passive	WNW	300	0.7	ERG	100	87	A21056	1012903-01



C2	2021-01-28	0.31	LK	passive	NW	315	5.6	ERG	100	67	A21033	1020519-01
C2	2021-02-03	0.09	2	passive	NW	310	3.6	ERG	74	53	110305	1021208-01
C2	2021-02-09	0.37		passive	ENE	65	0.6	ERG	93	79	SAT016	1021908-05
C2	2021-02-15	0.08	2	passive	E	85	2.4	ERG	100	99	19649	1022211-01
C2	2021-02-21	0.09		passive	ESE	105	2.1	ERG	86	58	33240	1030510-01
C2	2021-02-27	0.12		passive	ENE	70	1	ERG	100	91	19294	1031121-01
C2	2021-03-11	0.29		passive	S	185	0.6	ERG	87	57	18835	1031639-01
C2	2021-03-17	0.14		passive	E	85	1.5	ERG	100	99	110305	1032432-01
C2	2021-03-23	0.14		passive	E	80	2.3	ERG	77	64	111211	1040729-01
C2	2021-03-29	0.30		passive	N	0	1.6	ERG	87	49	A21042	1041343-03
C2	2021-04-04	1.07	LK	passive	WNW	285	0.8	ERG	93	54	SAT165	1042215-01
C2	2021-04-10	0.52		passive	SSE	160	1.1	ERG	100	93	A21012	1042215-05
C2	2021-04-16	0.47		passive	NE	45	0.7	ERG	76	54	A21005	1042933-01
C2	2021-04-22	0.12	2	passive	NNW	345	2	ERG	86	51	18868	1043022-01
C2	2021-04-28	0.17		passive	SSW	205	0.4	ERG	94	72	110335	1050523-01
C2	2021-05-04	0.30	LK	passive	W	265	1.2	ERG	100	93	SAT081	1051942-01
C2	2021-05-10	0.69	LK, 2	passive	WNW	290	1.3	ERG	100	78	A21071	1051942-05
C2	2021-05-16	0.45		passive	SW	225	0.4	ERG	100	65	33533	1060323-01
C2	2021-05-22	0.44		passive	ENE	70	0.5	ERG	100	66	18827	1060323-02
C2	2021-05-28	0.23	LK	passive	WSW	245	1.1	ERG	88	70	18868	1060415-01
C2	2021-06-03	0.17		passive	SW	230	0.4	ERG	94	69	110335	1060924-01
C2	2021-06-15	0.23		passive	NW	310	2.4	ERG	100	70	A21065	1070116-01
C2	2021-06-27	0.27		passive	ESE	120	1	ERG	100	76	SAT182	1072320-01
C2	2021-07-15	0.11			WNW	290	0.4	ERG	100	82	110322	1072936-01
C2	2021-07-27	0.96			NW	320	0.5	ERG	100	84	A21012	1080602-01
C2	2021-08-14	2.39	D-F, LK		N	10	0.9	ERG	100	79	SAT058	1090127-02
C2	2021-08-26	0.12			ESE	105	0.3	ERG	100	85	110342	1090318-01
C2	2021-09-07	0.16			ENE	62	0.8	ERG	100	91	110322	1091621-01
C2	2021-09-19	0.45	LK		E	85	0.2	ERG	100	88	A21108	1100812-01
C2	2021-10-01	0.23			SE	131	0.1		100	85	114375	AK87168
C2	2021-10-13	0.11			E	99	0.1		100	87	114391	AK87855
C3	2019-10-03	0.49		passive	WNW	300	0.6	ERG	89	60	SAT033	9100922-03
C3	2019-10-06	0.17	LK	passive	E	85	2.3	ERG	94	78	A21069	9100922-07
C3	2019-10-12	0.59	2	passive	WNW	290	1	ERG	88	63	SAT166	9101803-02
C3	2019-10-18	0.57		passive	E	85	1.3	ERG	81	62	SAT084	9102507-01
C3	2019-10-24	0.06		passive	E	90	1.6	ERG	87	64	18869	9103069-03
C3	2019-10-27	0.36	LK, 2	passive	WNW	290	2	ERG	94	77	5069	9103069-04
C3	2019-10-30	0.35		passive	SE	130	1.2	ERG	100	95	18831	9110118-03
C3	2019-11-01	0.13		passive	NW	320	1.9	ERG	93	67	SAT155	9110553-03
C3	2019-11-03	0.22		passive	NW	320	0.6	ERG	93	61	44	9110635-02
C3	2019-11-08	0.37		passive	NNW	330	1.9	ERG	94	78	SAT161	9111412-03
C3	2019-11-13	0.50	LK	passive	E	90	2	ERG	86	63	5132	9111509-02
C3	2019-11-15	0.23		passive	NE	50	1.3	ERG	100	93	19283	9112026-03
C3	2019-11-20	0.58	LK, 2	passive	NNW	315	1	ERG	93	68	5007	9112711-03
C3	2019-11-23	0.29		passive	W	285	1.5	ERG	100	94	SAT054	9112711-04
C3	2019-11-29	0.29	LK	passive	ENE	75	0.1	ERG	71	52	AZ45	9120610-02

C3	2019-12-05	0.48	LK, 2	passive	NW	315	0.9	ERG	93	56	5100	9121207-03
C3	2019-12-08	0.18	LK	passive	E	90	3.3	ERG	87	66	19663	9121207-04
C3	2019-12-11	0.18	LK	passive	NNW	335	2.7	ERG	93	68	AZ52	9121841-02
C3	2019-12-14	0.23	LK	passive	WNW	290	2.3	ERG	100	88	19293	9121841-07
C3	2019-12-17	0.38	LK, 2	passive	WNW	300	3.4	ERG	100	91	SAT164	9122019-02
C3	2019-12-19	0.66	2	passive	NNE	45	0.8	ERG	86	62	SAT122	0010322-02
C3	2019-12-31	0.09	2	passive	W	275	2.9	ERG	81	57	SAT177	0010717-02
C3	2020-01-04	0.12	2	passive	WNW	290	4.3	ERG	100	85	19297	0010907-02
C3	2020-01-07	0.49	2, LK	passive	WNW	285	2.8	ERG	93	70	SAT038	0011423-01
C3	2020-01-10	0.09		passive	E	80	2.4	ERG	82	69	18824	0011423-05
C3	2020-01-14	0.47	LK, 2	passive	NW	320	0.3	ERG	100	99	SAT184	0011705-02
C3	2020-01-19	0.47	LK, 2	passive	NW	310	4.9	ERG	100	72	SAT185	0012317-02
C3	2020-01-22	0.40	LK, 2	passive	ENE	75	1.7	ERG	86	56	5108	0012927-06
C3	2020-01-25	0.51	LK, 2	passive	WNW	290	2.6	ERG	100	87	SAT110	0013117-01
C3	2020-01-28	0.16		passive	NW	315	1.3	ERG	100	77	18868	0020524-02
C3	2020-01-30	0.17		passive	ENE	75	1.5	ERG	100	78	19278	0021214-01
C3	2020-02-03	0.08		passive	WSW	245	0.6	ERG	100	60	19647	0021311-02
C3	2020-02-09	0.54		passive	E	80	1.3	ERG	100	90	SAT182	0021921-02
C3	2020-02-21	0.49		passive	NE	45	0.5	ERG	100	84	2527	0022816-02
C3	2020-02-27	0.18	LK	passive	NW	315	3.8	ERG	81	58	5103	0030604-02
C3	2020-03-04	0.52		passive	NE	45	0.1	ERG	100	96	SAT107	0031012-02
C3	2020-03-10	0.09		passive	SW	240	0.6	ERG	100	78	19298	0031836-02
C3	2020-03-16	0.66		passive	E	85	2.8	ERG	100	86	SAT013	0032321-02
C3	2020-03-22	0.21	2	passive	ENE	80	2.9	ERG	100	82	19641	0040115-02
C3	2020-03-28	0.11		passive	WSW	245	1.1	ERG	100	71	19649	0040814-02
C3	2020-04-03	0.29		passive	NW	310	0.6	ERG	87	55	18831	0041001-02
C3	2020-04-09	0.16		passive	WNW	290	3.3	ERG	100	76	18824	0041707-02
C3	2020-04-15	0.40	LK, 2	passive	NW	315	2.9	ERG	70	51	5145	0042218-02
C3	2020-04-21	0.15	2	passive	WNW	285	2.2	ERG	100	69	19665	0050114-02
C3	2020-04-27	0.45		passive	NW	310	2.2	ERG	93	58	SAT107	0050615-02
C3	2020-05-03	0.28	LK	passive	W	270	1.2	ERG	94	63	5105	0051324-02
C3	2020-05-09	0.24		passive	NW	310	2.1	ERG	100	70	SAT024	0051504-04
C3	2020-05-15	0.85		passive	SSE	148	0.3	ERG	100	67	SAT158	0052918-02
C3	2020-05-21	0.15		passive	NE	58	0.5	ERG	100	88	18836	0052918-04
C3	2020-05-27	0.40	LK	passive	E	80	2.6	ERG	100	88	5015	0060508-02
C3	2020-06-02	0.50	LK	passive	SW	238	0.2	ERG	100	70	5137	0061042-02
C3	2020-06-08	0.57	LK	passive	ESE	120	1.1	ERG	100	85	5115	0061731-02
C3	2020-06-14	0.50		passive	ENE	70	1.2	ERG	94	71	SAT123	0061908-02
C3	2020-06-20	1.07		passive	NNW	330	0.8	ERG	100	73	SAT114	0070602-02
C3	2020-06-26	1.04	LK	passive	WNW	285	2.2	ERG	100	80	5013	0070840-02
C3	2020-07-02	0.27	LK, 2	passive	NNW	335	1.2	ERG	100	80	5141	0070928-02
C3	2020-07-08	0.75	LK	passive	NE	45	0.6	ERG	100	82	5083	0071703-03
C3	2020-07-14	0.52		passive	NW	320	0.2	ERG	100	70	SAT096	0072412-02
C3	2020-07-20	1.09	LK, 2	passive	E	80	0.1	ERG	94	67	SAT026	0072725-01
C3	2020-09-12	1.05	LK	passive	E	85	1.8	ERG	100	86	5124	0092335-02
C3	2020-09-18	0.63		passive	NNW	30	0.8	ERG	100	86	SAT075	0093025-02

C3	2020-09-24	0.13	2	passive	E	90	1.6	ERG	100	91	19657	0093025-06
C3	2020-09-30	0.14		passive	WNW	300	1	ERG	100	79	18869	0100833-02
C3	2020-10-06	1.08	LK	passive	E	85	0.6	ERG	100	81	5027	0101528-02
C3	2020-10-18	0.10	2	passive	ENE	75	2.3	ERG	93	72	AQL0397	0102916-02
C3	2020-10-24	0.26		passive	SSE	165	0.2	ERG	100	86	114336	0103006-02
C3	2020-10-30	0.44	2	passive	NW	310	4.1	ERG	77	62	A21081	0111125-02
C3	2020-11-05	0.41	2, LK	passive	ENE	65	1	ERG	93	73	SAT150	0111824-02
C3	2020-11-11	0.13		passive	E	80	0.2	ERG	100	97	18880	0111824-06
C3	2020-11-17	0.08	2	passive	NW	315	3.4	ERG	87	54	2767	0112513-02
C3	2020-11-23	0.35	2, LK	passive	NW	315	2.3	ERG	100	74	5089	0120411-02
C3	2020-12-05	0.36	LK	passive	WNW	290	3.1	ERG	94	74	5106	0121104-02
C3	2020-12-11	0.21	LK	passive	ESE	115	0.2	ERG	100	77	5072	0123226-02
C3	2020-12-17	0.12	2	passive	WNW	295	3.5	ERG	100	88	35160	0123026-02
C3	2020-12-23	0.10		passive	E	92	1.7	ERG	93	68	110258	1010626-02
C3	2020-12-29	0.73		passive	ENE	75	0.8	ERG	100	80	SAT099	1011326-03
C3	2021-01-04	0.11		passive	WNW	295	1.2	ERG	100	76	18880	1011326-07
C3	2021-01-10	0.31	2	passive	ENE	70	0.5	ERG	100	79	SAT173	1012127-02
C3	2021-01-16	0.33	LK	passive	WNW	285	2.3	ERG	69	54	AZ37	1012726-03
C3	2021-01-22	0.70		passive	WNW	300	0.7	ERG	100	87	SAT013	1012903-02
C3	2021-01-28	0.19		passive	NW	315	5.6	ERG	100	67	44	1020519-02
C3	2021-02-03	0.00	ND, U	passive	NW	310	3.6	ERG	74	53	110258	1021208-03
C3	2021-02-09	0.16		passive	ENE	65	0.6	ERG	93	79	SAT117	1021908-01
C3	2021-02-21	0.06		passive	ESE	105	2.1	ERG	86	58	18876	1030510-02
C3	2021-02-27	0.20		passive	ENE	70	1	ERG	100	91	SAT151	1031121-02
C3	2021-03-11	0.15		passive	S	185	0.6	ERG	87	57	19279	1031639-02
C3	2021-03-17	0.10		passive	E	85	1.5	ERG	100	99	114344	1032432-02
C3	2021-03-23	0.35	LK	passive	E	80	2.3	ERG	77	64	A21047	1040824-01
C3	2021-03-29	0.08		passive	N	0	1.6	ERG	87	49	19646	1041343-05
C3	2021-04-04	2.04	2	passive	WNW	285	0.8	ERG	93	54	18825	1042215-02
C3	2021-04-10	0.12	2	passive	SSE	160	1.1	ERG	100	93	110258	1042215-06
C3	2021-04-16	0.27	LK, 2	passive	NE	45	0.7	ERG	76	54	SAT157	1042933-02
C3	2021-04-28	0.11		passive	SSW	205	0.4	ERG	94	72	110306	1050523-02
C3	2021-05-04	0.11		passive	W	265	1.2	ERG	100	93	110257	1051942-02
C3	2021-05-10	0.19		passive	WNW	290	1.3	ERG	100	78	33534	1051942-06
C3	2021-05-16	0.81		passive	SW	225	0.4	ERG	100	65	A21000	1060323-03
C3	2021-05-22	1.95	LK	passive	ENE	70	0.5	ERG	100	66	SAT088	1060323-04
C3	2021-05-28	0.14	LK	passive	WSW	245	1.1	ERG	88	70	33266	1060415-02
C3	2021-06-03	0.19		passive	SW	230	0.4	ERG	94	69	18831	1060924-02
C3	2021-06-15	0.12		passive	NW	310	2.4	ERG	100	70	19653	1070116-03
C3	2021-06-27	0.64	LK	passive	ESE	120	1	ERG	100	76	A22329	1072320-02
C3	2021-07-15	0.23			WNW	290	0.4	ERG	100	82	18876	1072936-03
C3	2021-07-27	0.46			NW	320	0.5	ERG	100	84	35160	1080602-02
C3	2021-08-02	0.12			N	7	0.5	ERG	100	75	19283	1081306-02
C3	2021-08-14	0.23			N	10	0.9	ERG	100	79	A21074	1090127-04
C3	2021-08-26	0.52			ESE	105	0.3	ERG	100	85	A21058	1090318-02
C4	2019-10-03	1.88		passive	WNW	300	0.6	ERG	89	60	18869	9100922-04

C4	2019-10-06	1.65	LK	passive	E	85	2.3	ERG	94	78	N4088	9100922-08
C4	2019-10-12	0.00	U, ND	passive	WNW	290	1	ERG	88	63	SAT016	9101803-03
C4	2019-10-18	0.76		passive	E	85	1.3	ERG	81	62	SAT106	9102507-03
C4	2019-10-24	2.19		passive	ENE	90	1.6	ERG	87	64	A21036	9103069-05
C4	2019-10-27	0.19		passive	WNW	290	2	ERG	94	77	A21077	9103069-06
C4	2019-10-30	0.33		passive	SE	130	1.2	ERG	100	95	18833	9110118-04
C4	2019-11-01	0.06		passive	NW	320	1.9	ERG	93	67	19642	9110553-04
C4	2019-11-03	0.18		passive	NW	320	0.6	ERG	93	61	A21101	9110635-03
C4	2019-11-05	0.18		passive	NNE	30	0.6	ERG	88	67	SAT074	9110810-03
C4	2019-11-08	0.16		passive	NNW	330	1.9	ERG	94	78	SAT138	9111412-04
C4	2019-11-15	0.15	2	passive	NE	50	1.3	ERG	100	93	18877	9112026-04
C4	2019-11-20	1.00		passive	NNW	315	1	ERG	93	68	SAT091	9112711-05
C4	2019-11-23	0.48	2	passive	W	285	1.5	ERG	100	94	19649	9112711-06
C4	2019-12-05	0.91	LK, 2	passive	NW	315	0.9	ERG	93	56	SAT089	9121207-05
C4	2019-12-08	0.55	2	passive	E	90	3.3	ERG	87	66	SAT039	9121207-06
C4	2019-12-11	0.31	2	passive	NNW	335	2.7	ERG	93	68	A21039	9121841-03
C4	2019-12-14	0.20	LK, 2	passive	WNW	290	2.3	ERG	100	88	5137	9121841-08
C4	2019-12-17	0.19	LK, 2	passive	WNW	300	3.4	ERG	100	91	SAT012	9122019-03
C4	2019-12-19	0.28	2	passive	NNE	45	0.8	ERG	86	62	SAT166	0010322-03
C4	2019-12-31	0.13	2	passive	W	275	2.9	ERG	81	57	SAT170	0010717-03
C4	2020-01-04	0.25	2	passive	WNW	290	4.3	ERG	100	85	A21005	0010907-03
C4	2020-01-07	0.18	2, LK	passive	WNW	285	2.8	ERG	93	70	SAT018	0011423-02
C4	2020-01-10	0.66		passive	E	80	2.4	ERG	82	69	SAT011	0011423-06
C4	2020-01-19	0.33	2, LK	passive	NW	310	4.9	ERG	100	72	A21067	0012317-03
C4	2020-01-22	0.78	2	passive	ENE	75	1.7	ERG	86	56	19656	0012927-07
C4	2020-01-28	0.55	2	passive	NW	315	1.3	ERG	100	77	SAT081	0020524-03
C4	2020-01-30	0.61	2	passive	ENE	75	1.5	ERG	100	78	A21102	0020524-06
C4	2020-02-03	0.17	2	passive	WSW	245	0.6	ERG	100	60	33535	0021311-03
C4	2020-02-09	0.97	2	passive	E	80	1.3	ERG	100	90	SAT140	0021921-03
C4	2020-02-21	0.71	LK, 2	passive	NE	45	0.5	ERG	100	84	5101	0022816-03
C4	2020-02-27	0.16	2, LK	passive	NW	315	3.8	ERG	81	58	A21036	0030604-03
C4	2020-03-04	0.65	LK, 2	passive	NE	45	0.1	ERG	100	96	5006	0031012-03
C4	2020-03-10	0.38	LK, 2	passive	SW	240	1.4	ERG	100	78	SAT035	0031836-03
C4	2020-03-16	1.04	2	passive	ENE	85	6.1	ERG	100	86	A21103	0032321-03
C4	2020-03-22	1.02	LK, 2	passive	ENE	80	2.8	ERG	100	82	5114	0040115-03
C4	2020-03-28	0.44	2	passive	WSW	245	1.1	ERG	100	71	SAT155	0040814-05
C4	2020-04-03	0.17	2	passive	NW	310	0.6	ERG	87	55	19279	0041001-03
C4	2020-04-09	0.56	2	passive	WNW	290	3.3	ERG	100	76	SAT114	0041707-03
C4	2020-04-15	0.29	2	passive	NW	315	2.9	ERG	70	51	SAT089	0042218-03
C4	2020-04-21	0.68	2	passive	WNW	285	2.2	ERG	100	69	A21067	0050114-03
C4	2020-04-27	0.09	6, 2	passive	NW	310	2.2	ERG	93	58	19648	0050615-03
C4	2020-05-27	0.26	2	passive	E	80	2.6	ERG	100	88	19340	0060508-03
C4	2020-06-02	0.89	2	passive	SW	238	0.2	ERG	100	70	SAT127	0061042-03
C4	2020-06-08	0.20	2	passive	ESE	120	1.1	ERG	100	85	18872	0061731-03
C4	2020-06-14	0.87	2	passive	ENE	70	1.2	ERG	94	71	SAT012	0061908-03
C4	2020-06-20	0.73	2	passive	NNW	330	0.8	ERG	100	73	35131	0070602-03

C4	2020-06-26	0.35	LK, 2	passive	WNW	285	2.2	ERG	100	80	5094	0070840-03
C4	2020-07-02	0.24	2	passive	NNW	335	1.2	ERG	100	80	18833	0070928-03
C4	2020-07-08	1.44	2	passive	NE	45	0.6	ERG	100	82	SAT170	0071703-02
C4	2020-07-14	0.21	2	passive	NW	320	0.2	ERG	100	70	19646	0072412-03
C4	2020-07-20	0.39	2	passive	E	80	0.1	ERG	94	67	33314	0072412-06
C4	2020-09-12	0.99	LK, D-F	passive	E	85	1.8	ERG	100	86	5079	0092335-03
C4	2020-09-18	0.26		passive	NNW	30	0.8	ERG	100	86	A21039	0093025-03
C4	2020-09-24	0.20		passive	E	90	1.6	ERG	100	91	A21074	0093025-07
C4	2020-09-30	0.14		passive	WNW	300	1	ERG	100	79	2527	0100833-03
C4	2020-10-06	0.76	LK	passive	E	85	0.6	ERG	100	81	5065	0101528-03
C4	2020-10-12	0.18		passive	WNW	285	0.6	ERG	100	91	19648	0101605-01
C4	2020-10-18	0.28		passive	ENE	75	2.3	ERG	93	72	114322	0102916-03
C4	2020-10-24	0.66	D-F	passive	SSE	165	0.2	ERG	100	86	19298	0103006-03
C4	2020-10-30	0.20		passive	NW	310	4.1	ERG	77	62	A21080	0111125-03
C4	2020-11-05	0.83	LK	passive	ENE	65	1	ERG	93	73	SAT088	0111824-03
C4	2020-11-11	0.29		passive	E	80	0.2	ERG	100	97	18864	0111824-07
C4	2020-11-17	0.30	2	passive	NW	315	3.4	ERG	87	54	A21099	0112513-03
C4	2020-11-23	0.20	LK	passive	NW	315	2.3	ERG	100	74	5085	0120411-03
C4	2020-12-05	0.25	2, LK	passive	WNW	290	3.1	ERG	94	74	5051	0121104-03
C4	2020-12-17	0.06	2	passive	WNW	295	3.5	ERG	100	88	19291	0123026-03
C4	2021-01-04	0.08		passive	WNW	295	1.2	ERG	100	76	33232	1011326-08
C4	2021-01-16	0.28		passive	WNW	285	2.3	ERG	69	54	SAT177	1012726-02
C4	2021-01-22	0.63		passive	WNW	300	0.7	ERG	100	87	SAT012	1012903-03
C4	2021-02-09	0.14		passive	ENE	65	0.6	ERG	93	79	110306	1021908-03
C4	2021-02-15	0.58	D-F, LK	passive	E	85	2.4	ERG	100	99	SAT073	1022211-03
C4	2021-02-21	0.40		passive	ESE	105	2.1	ERG	86	58	A21078	1030510-03
C4	2021-02-27	0.21		passive	ENE	70	1	ERG	100	91	18831	1031121-03
C4	2021-03-11	0.73	LK	passive	S	185	0.6	ERG	87	57	SAT127	1031639-03
C4	2021-03-17	0.20		passive	E	85	1.5	ERG	100	99	114386	1032432-03
C4	2021-03-23	0.35		passive	E	80	2.3	ERG	77	64	A21013	1040729-02
C4	2021-03-29	0.14		passive	N	0	1.6	ERG	87	49	19283	1041343-02
C4	2021-04-04	0.32	LK	passive	WNW	285	0.8	ERG	93	54	SAT174	1042215-03
C4	2021-04-10	0.25	2	passive	SSE	160	1.1	ERG	100	93	110305	1042215-07
C4	2021-04-16	0.09		passive	NE	45	0.7	ERG	76	54	110252	1042933-03
C4	2021-04-22	0.15		passive	NNW	345	2	ERG	86	51	A21022	1043022-02
C4	2021-04-28	0.28		passive	SSW	205	0.4	ERG	94	72	33516	1050523-03
C4	2021-05-04	0.61		passive	W	265	1.2	ERG	100	93	49	1051942-03
C4	2021-05-10	0.10	2	passive	WNW	290	1.3	ERG	100	78	33532	1051942-07
C4	2021-05-16	0.29	2	passive	SW	225	0.4	ERG	100	65	19300	1060323-05
C4	2021-05-22	2.13	LK	passive	ENE	70	0.5	ERG	100	66	A21091	1060323-06
C4	2021-05-28	0.17	2	passive	WSW	245	1.1	ERG	88	70	33314	1060415-03
C4	2021-06-03	0.29		passive	SW	230	0.4	ERG	94	69	19666	1060834-01
C4	2021-06-15	0.29		passive	NW	310	2.4	ERG	100	70	33531	1070116-04
C4	2021-06-27	0.10		passive	ESE	120	1	ERG	100	76	18873	1072320-03
C4	2021-09-07	0.12			ENE	62	0.8	ERG	100	91	114340	1091621-03
C4	2021-09-19	0.40	LK		E	85	0.2	ERG	100	88	33534	1100728-01

C5	2019-10-30	0.36	LK, 2	passive	SE	130	1.2	ERG	100	95	A21082	9110118-06
C5	2019-11-01	0.09	LK, 2	passive	NW	320	1.9	ERG	93	67	19650	9110553-05
C5	2019-11-03	0.22		passive	NW	320	0.6	ERG	93	61	A21045	9110635-04
C5	2019-11-05	0.09		passive	NNE	30	0.6	ERG	88	67	18822	9110810-04
C5	2019-11-08	0.22		passive	NNW	330	1.9	ERG	94	78	19643	9111412-05
C5	2019-11-13	0.18		passive	E	90	2	ERG	86	63	19276	9111509-03
C5	2019-11-20	0.81		passive	NNW	315	1	ERG	93	68	19652	9112711-07
C5	2019-11-23	0.12	2	passive	W	285	1.5	ERG	100	94	19666	9112711-08
C5	2019-11-29	0.14	LK, 2	passive	ENE	75	0.1	ERG	71	52	18832	9120610-04
C5	2019-12-05	0.61		passive	NW	315	0.9	ERG	93	56	2527	9121207-07
C5	2019-12-08	0.11	LK	passive	E	90	3.3	ERG	87	66	19298	9121207-08
C5	2019-12-11	0.21	LK, 2	passive	NNW	335	2.7	ERG	93	68	A21072	9121841-05
C5	2019-12-14	0.14	LK	passive	WNW	290	2.3	ERG	100	88	A21101	9121841-09
C5	2019-12-17	0.35	LK, 2	passive	WNW	300	3.4	ERG	100	91	5114	9122019-04
C5	2019-12-19	0.42	LK, 2	passive	NNE	45	0.8	ERG	86	62	5127	0010322-04
C5	2019-12-31	0.14	LK	passive	W	275	2.9	ERG	81	57	5062	0010717-04
C5	2020-01-07	0.22	2, LK	passive	WNW	285	2.8	ERG	93	70	A21073	0011423-03
C5	2020-01-10	0.26	LK	passive	E	80	2.4	ERG	82	69	SAT118	0011423-07
C5	2020-01-19	0.56	LK	passive	NW	310	4.9	ERG	100	72	5059	0012317-04
C5	2020-01-22	0.28	2	passive	ENE	75	1.7	ERG	86	56	19282	0012927-09
C5	2020-01-25	0.18	2	passive	WNW	290	2.6	ERG	100	87	19641	0013008-02
C5	2020-01-28	0.77		passive	NW	315	1.3	ERG	100	77	SAT097	0020524-04
C5	2020-01-30	0.36	LK	passive	ENE	75	1.5	ERG	100	78	5117	0020524-07
C5	2020-02-03	0.33		passive	WSW	245	0.6	ERG	100	60	SAT120	0021311-04
C5	2020-02-09	0.14	2	passive	E	80	1.3	ERG	100	90	19644	0021921-04
C5	2020-02-21	1.13	2	passive	NE	45	0.5	ERG	100	84	19662	0022816-04
C5	2020-02-27	0.21	2, LK	passive	NW	315	3.8	ERG	81	58	SAT099	0030604-04
C5	2020-03-04	0.32	LK	passive	NE	45	0.1	ERG	100	96	A21044	0031012-04
C5	2020-03-10	0.63	LK	passive	SW	240	1.4	ERG	100	78	AZ40	0031836-04
C5	2020-03-16	0.14	2	passive	E	85	6.1	ERG	100	86	A21010	0032321-04
C5	2020-03-22	0.35		passive	ENE	80	2.8	ERG	100	82	18880	0040115-05
C5	2020-03-28	0.38		passive	WSW	245	1.1	ERG	100	71	A21081	0040814-01
C5	2020-04-03	0.39		passive	NW	310	0.6	ERG	87	55	19657	0041001-04
C5	2020-04-09	0.57	2	passive	WNW	290	3.3	ERG	100	76	SAT061	0041707-05
C5	2020-04-15	0.34		passive	NW	315	2.9	ERG	70	51	19662	0042218-04
C5	2020-04-21	0.70	LK, 2	passive	WNW	285	2.2	ERG	100	69	SAT164	0050114-05
C5	2020-04-27	0.35	2	passive	NW	310	2.2	ERG	93	58	A21005	0050615-04
C5	2020-05-03	0.36		passive	W	270	1.2	ERG	94	63	SAT117	0051324-04
C5	2020-05-09	0.82		passive	NW	310	2.1	ERG	100	70	SAT185	0051504-03
C5	2020-05-15	0.30		passive	SSE	148	0.3	ERG	100	67	53	0052848-03
C5	2020-05-21	0.70		passive	NE	85	0.5	ERG	100	88	SAT169	0052918-06
C5	2020-05-27	0.54		passive	E	80	2.6	ERG	100	88	SAT057	0060508-04
C5	2020-06-02	0.57	LK	passive	SW	238	0.2	ERG	100	70	5042	0061042-04
C5	2020-06-08	0.14		passive	ESE	120	1.1	ERG	100	85	33275	0061731-05
C5	2020-06-14	0.62		passive	ENE	70	1.2	ERG	94	71	SAT092	0061908-04
C5	2020-06-20	0.51		passive	NNW	330	0.8	ERG	100	73	19654	0070602-04

C5	2020-06-26	1.23	LK	passive	WNW	285	2.2	ERG	100	80	5048	0070840-04
C5	2020-07-02	0.65		passive	NNW	335	1.2	ERG	100	80	SAT033	0070928-04
C5	2020-07-08	1.13	LK	passive	NE	45	0.6	ERG	100	82	5130	0071703-04
C5	2020-07-14	0.54		passive	NW	320	0.2	ERG	100	70	SAT087	0072412-04
C5	2020-07-20	0.34	2	passive	E	80	0.1	ERG	94	67	35134	0072412-07
C5	2020-09-12	0.59	LK	passive	E	85	1.8	ERG	100	86	5050	0092335-04
C5	2020-09-18	1.18		passive	NNW	30	0.8	ERG	100	86	SAT002	0093025-04
C5	2020-09-24	0.45		passive	E	90	1.6	ERG	100	91	SAT003	0093025-08
C5	2020-09-30	0.40	LK	passive	WNW	300	1	ERG	100	79	AZ50	0100833-04
C5	2020-10-06	0.28	LK	passive	E	85	0.6	ERG	100	81	5044	0101528-04
C5	2020-10-18	0.15	2	passive	ENE	75	2.3	ERG	93	72	110308	0102916-04
C5	2020-10-24	0.33		passive	SSE	165	0.2	ERG	100	86	110306	0111210-01
C5	2020-10-30	0.39	LK	passive	NW	310	4.1	ERG	77	62	SAT159	0111125-04
C5	2020-11-05	0.48	LK	passive	ENE	65	1	ERG	93	73	AZ52	0111824-04
C5	2020-11-11	0.67		passive	E	80	0.2	ERG	100	97	SAT005	0111824-08
C5	2020-11-17	0.10		passive	NW	315	3.4	ERG	87	54	19663	0112513-04
C5	2020-11-23	0.20		passive	NW	315	2.3	ERG	100	74	SAT179	0120411-04
C5	2020-12-05	0.07		passive	WNW	290	3.1	ERG	94	74	19667	0121104-04
C5	2020-12-11	0.18		passive	ESE	115	0.2	ERG	100	77	A21011	0122326-04
C5	2020-12-17	0.08	2	passive	WNW	295	3.5	ERG	100	88	110308	0123026-05
C5	2020-12-23	0.12	2	passive	E	92	1.7	ERG	93	68	111219	1010626-05
C5	2020-12-29	0.25	2	passive	ENE	75	0.8	ERG	100	80	110306	1011326-05
C5	2021-01-04	0.28	2	passive	WNW	295	1.2	ERG	100	76	A21076	1011326-09
C5	2021-01-10	0.23	2	passive	ENE	70	0.5	ERG	100	79	SAT067	1012127-05
C5	2021-01-16	0.04	VB, U	passive	WNW	285	2.3	ERG	69	54	33266	1012726-04
C5	2021-01-22	0.41		passive	WNW	300	0.7	ERG	100	87	SAT003	1012903-04
C5	2021-01-28	0.30	LK	passive	NW	315	5.6	ERG	100	67	5125	1020519-04
C5	2021-02-03	0.08		passive	NW	310	3.6	ERG	74	53	114366	1021208-05
C5	2021-02-09	0.27		passive	ENE	65	0.6	ERG	93	79	110257	1021908-04
C5	2021-02-15	0.00	ND, U	passive	E	85	2.4	ERG	100	99	19293	1022211-05
C5	2021-02-21	0.06		passive	ESE	105	2.1	ERG	86	58	19657	1030510-04
C5	2021-02-27	0.00	ND, U	passive	ENE	70	1	ERG	100	91	19284	1031029-01
C5	2021-03-11	0.12		passive	S	185	0.6	ERG	87	57	A21039	1031639-04
C5	2021-03-17	0.08		passive	E	85	1.5	ERG	100	99	111217	1032432-04
C5	2021-03-23	0.41	LK	passive	E	80	2.3	ERG	77	64	SAT018	1040824-03
C5	2021-04-04	0.48	2, LK	passive	WNW	285	0.8	ERG	93	54	SAT067	1042215-04
C5	2021-04-10	0.38	2	passive	SSE	160	1.1	ERG	100	93	A21101	1042215-08
C5	2021-04-16	0.09	2	passive	NE	45	0.7	ERG	76	54	110314	1042933-04
C5	2021-04-22	0.10	2	passive	NNW	345	2	ERG	86	51	18830	1050321-03
C5	2021-04-28	0.08	2	passive	SSW	205	0.4	ERG	94	72	111211	1050523-04
C5	2021-05-04	0.49		passive	W	265	1.2	ERG	100	93	A21099	1051942-04
C5	2021-05-10	0.18		passive	WNW	290	1.3	ERG	100	78	A21025	1051942-08
C5	2021-05-16	0.12		passive	SW	225	0.4	ERG	100	65	19287	1060323-07
C5	2021-05-22	0.83		passive	ENE	70	0.5	ERG	100	66	A21095	1060323-08
C5	2021-05-28	1.39		passive	WSW	245	1.1	ERG	88	70	18828	1060415-04
C5	2021-06-03	0.09		passive	SW	230	0.4	ERG	94	69	33275	1060924-03

C5	2021-06-15	0.14		passive	NW	310	2.4	ERG	100	70	114322	1070116-05
C5	2021-06-27	0.38		passive	ESE	120	1	ERG	100	76	A21054	1072320-04
C5	2021-07-15	0.14			WNW	290	0.4	ERG	100	82	114340	1072936-04
C5	2021-07-27	0.21			NW	320	0.5	ERG	100	84	18832	1080602-03
C7	2019-10-30	0.16		passive	SE	130	1.2	ERG	100	95	18834	9110118-07
C7	2019-11-01	0.06		passive	NW	320	1.9	ERG	93	67	18879	9110553-06
C7	2019-11-03	0.35	LK	passive	NW	320	0.6	ERG	93	61	5086	9110635-05
C7	2019-11-05	0.20		passive	NNE	30	0.6	ERG	88	67	SAT071	9110810-05
C7	2019-11-08	0.22		passive	NNW	330	1.9	ERG	94	78	SAT106	9111412-06
C7	2019-11-15	0.12		passive	NE	50	1.3	ERG	100	93	18821	9112026-06
C7	2020-02-27	0.28	LK	passive	NW	315	3.8	ERG	81	58	5146	0030604-05
C7	2020-03-28	0.60	2	passive	WSW	245	1.1	ERG	100	71	SAT185	0040814-04
C7	2020-04-27	0.87	2	passive	NW	310	2.2	ERG	93	58	SAT157	0050615-05
C7	2020-05-27	0.37		passive	E	80	2.6	ERG	100	88	SAT100	0060508-05
C7	2020-06-20	1.67	2	passive	NNW	330	0.8	ERG	100	73	SAT165	0070602-05
C7	2020-07-20	1.03	LK, 2	passive	E	80	0.1	ERG	94	67	5010	0072412-08
C7	2020-09-24	0.41	LK	passive	E	90	1.6	ERG	100	91	5051	0093025-09
C7	2020-10-30	0.59	LK	passive	NW	310	4.1	ERG	77	62	5081	0111125-05
C7	2020-12-23	0.09		passive	E	92	1.7	ERG	93	68	114336	1010525-01
C7	2021-01-28	1.37		passive	NW	315	5.6	ERG	100	67	SAT166	1020519-05
C7	2021-02-27	0.08	2	passive	ENE	70	1	ERG	100	91	33533	1031121-04
C7	2021-04-28	0.71		passive	SSW	205	0.4	ERG	94	72	SAT043	1050523-05
C7	2021-05-22	0.93	LK, 2	passive	ENE	70	0.5	ERG	100	66	A21067	1060323-09
C7	2021-06-27	0.21		passive	ESE	120	1	ERG	100	76	35136	1072221-01
C7	2021-07-27	0.22			NW	320	0.5	ERG	100	84	19642	1080602-04
C7	2021-08-26	1.01			ESE	105	0.3	ERG	100	85	A21105	1090318-03
C7	2021-09-19	0.33			E	85	0.2	ERG	100	88	18810	1100728-02
C7	2021-10-13	0.15			E	99	0.1		100	87	110328	AK87856
C8	2019-10-30	0.22	2	passive	SE	130	1.2	ERG	100	95	SAT081	9110118-08
C8	2019-11-01	0.10	U	passive	NW	320	1.9	ERG	93	67	SAT100	9110553-07
C8	2019-11-03	0.22	LK, 2	passive	NW	320	0.6	ERG	93	61	SAT059	9110635-06
C8	2019-11-05	0.22	LK, 2	passive	NNE	30	0.6	ERG	88	67	5089	9110810-06
C8	2019-11-08	0.08	2	passive	NNW	330	1.9	ERG	94	78	19284	9111412-07
C8	2019-11-15	0.08		passive	NE	50	1.3	ERG	100	93	19288	9112026-07
C9	2019-10-30	0.24		passive	SE	130	1.2	ERG	100	95	19651	9110118-09
C9	2019-11-03	0.26	LK	passive	NW	320	0.6	ERG	93	61	5034	9110635-07
C9	2019-11-05	0.18		passive	NNE	30	0.6	ERG	88	67	SAT152	9110810-07
C9	2019-11-08	0.06		passive	NNW	330	1.9	ERG	94	78	19641	9111412-08
C9	2019-11-15	0.44	LK	passive	NE	50	1.3	ERG	100	93	SAT159	9112026-08
F1	2020-01-16	0.17		passive	NW	321	4.2	ERG	97	78	18884	0012318-01
F1	2020-01-22	0.29	LK	passive	ENE	65	1.6	ERG	85	49	5126	0013007-01
F1	2020-01-28	0.82	LK	passive	NNW	327	1.5	ERG	93	76	5125	0020526-01
F1	2020-02-03	0.35		passive	SSW	202	1.8	ERG	92	61	SAT087	0021215-01
F1	2020-02-09	0.44	LK, 2	passive	ESE	109	2.4	ERG	100	88	SAT021	0021824-01
F1	2020-02-15	0.39		passive	E	99	2.1	ERG	81	50	A21083	0022613-01
F1	2020-02-21	0.64		passive	NNW	343	2.2	ERG	93	75	A21022	0030234-01



F1	2020-03-04	0.86		passive	SW	272	1.2	ERG	96	91	SAT163	0031135-01
F1	2020-03-16	0.37	2	passive	E	83	3	ERG	90	83	19289	0032319-01
F1	2020-03-22	0.31		passive	ENE	78	2.7	ERG	89	76	18829	0040113-01
F1	2020-04-03	1.62	LK, 2	passive	WNW	284	1.3	ERG	92	51	5048	0041002-01
F1	2020-04-09	0.90	2	passive	WNW	295	4.5	ERG	93	74	18837	0041619-01
F1	2020-04-15	0.59	LK, 2	passive	NNW	322	3.8	ERG	65	44	5072	0042219-01
F1	2020-04-21	0.64	2	passive	WNW	291	3	ERG	93	67	19668	0050112-01
F1	2020-04-27	1.50	2	passive	NW	324	2.8	ERG	76	53	SAT043	0050616-01
F1	2020-05-03	0.63	LK, 2	passive	SW	230	2.5	ERG	93	60	5103	0051408-01
F1	2020-05-09	1.30	LK	passive	NNW	335	3.2	ERG	90	58	AZ41	0051508-02
F1	2020-05-15	0.57	LK, 2	passive	SSE	155	2.6	ERG	80	58	5110	0052847-01
F1	2020-05-21	1.10	2	passive	ENE	70	1.4	ERG	93	76	SAT017	0052919-02
F1	2020-05-27	0.62	2	passive	ENE	70	3.2	ERG	93	83	35126	0060507-01
F1	2020-06-02	0.40	LK, 2	passive	SSW	210	1.1	ERG	90	66	5117	0061732-01
F1	2020-06-08	1.14	2	passive	ESE	120	2.7	ERG	90	76	SAT037	0061732-03
F1	2020-06-14	0.29	2	passive	E	85	1.6	ERG	90	65	18879	0062525-01
F1	2020-06-20	0.48	2	passive	NNW	339	1.1	ERG	96	64	18827	0062612-01
F1	2020-06-26	1.17	2	passive	W	269	2.5	ERG	90	74	SAT039	0070603-01
F1	2020-07-02	1.19	2, LK	passive	NW	316	1.5	ERG	90	72	35110	0070930-01
F1	2020-07-08	0.39	2	passive	NNW	333	0.9	ERG	94	80	A21080	0071533-01
F1	2020-07-14	1.43	LK, 2	passive	WNW	293	0.6	ERG	90	63	AZ45	0072414-01
F1	2020-07-20	0.72		passive	NW	318	0.9	ERG	91	67	18829	0072931-01
F1	2020-07-26	1.57	LK	passive	WSW	239	1.1	ERG	93	71	5086	0080536-01
F1	2020-08-01	0.78		passive	SW	232	2.5	ERG	91	67	SAT057	0080617-01
F1	2020-08-07	2.17	LK	passive	NNW	339	1.4	ERG	90	69	SAT123	0081933-01
F1	2020-08-13	1.60		passive	W	271	1.1	ERG	94	71	SAT068	0082115-01
F1	2020-08-25	0.34	2	passive	ENE	59	1.5	ERG	94	91	A21089	0090238-01
F1	2020-08-31	0.23	2	passive	WNW	290	1	ERG	94	86	18822	0090830-01
F1	2020-09-06	0.44	LK, 2	passive	NE	55	1.4	ERG	90	64	5119	0092333-01
F1	2020-09-12	0.11		passive	E	90	2.3	ERG	94	79	19278	0092333-04
F1	2020-09-18	0.65	LK	passive	NNW	341	1.3	ERG	93	80	5132	0092838-01
F1	2020-09-24	0.40		passive	E	100	2.5	ERG	91	87	2240	0100212-01
F1	2020-09-30	0.52	2	passive	W	267	1.6	ERG	93	71	SAT039	0100834-01
F1	2020-10-06	0.25	2	passive	NE	40	0.8	ERG	93	73	35136	0101530-01
F1	2020-10-12	0.23	2	passive	W	276	1.7	ERG	90	83	19647	0102301-01
F1	2020-10-18	0.16	2	passive	E	79	2.1	ERG	90	67	110305	0102915-01
F1	2020-10-24	0.50	2	passive	N	0	0.6	ERG	100	94	110314	0110528-01
F1	2020-10-30	0.26	LK, 2	passive	NW	319	4	ERG	83	65	SAT026	0110924-01
F1	2020-11-05	0.15	2	passive	NE	46	0.9	ERG	96	76	SAT022	0111208-01
F1	2020-11-11	0.41		passive	SSE	167	0.9	ERG	100	90	18872	0112511-01
F1	2020-11-17	0.12	2	passive	NNW	331	3.5	ERG	89	54	18810	0112511-03
F1	2020-11-23	0.09	2	passive	NNW	330	3.4	ERG	93	67	19645	0120412-01
F1	2020-11-29	0.38	LK	passive	E	83	1.8	ERG	96	91	5009	0120412-02
F1	2020-12-05	0.38	2	passive	WNW	302	2.2	ERG	93	73	19299	0121642-01
F1	2020-12-11	0.36	2, LK	passive	SSE	165	0.7	ERG	100	74	5042	0122327-01
F1	2020-12-17	0.37	2	passive	WNW	296	3.2	ERG	97	80	A21037	0122407-01

F1	2020-12-23	0.14		passive	SE	125	1.8	ERG	92	62	11211	1010625-01
F1	2020-12-29	0.20		passive	E	94	1.1	ERG	100	86	110252	1010524-01
F1	2021-01-04	0.09		passive	NW	318	1.4	ERG	100	77	33531	1011516-01
F1	2021-01-10	0.19	2	passive	N	9	0.8	ERG	89	69	SAT033	1012723-01
F1	2021-01-16	0.09	2	passive	W	272	3.1	ERG	66	50	19649	1012723-04
F1	2021-01-22	0.57	LK, 2	passive	NNW	329	1	ERG	97	81	5004	1020317-01
F1	2021-01-28	0.00	ND, U, 2	passive	NW	325	5.5	ERG	89	63	110308	1020425-01
F1	2021-02-03	0.40	LK, 2	passive	NW	312	3.5	ERG	66	50	5018	1021020-01
F1	2021-02-09	0.15		passive	NE	41	1	ERG	93	79	SAT179	1021837-01
F1	2021-02-15	0.00	ND, U	passive	E	83	2.8	ERG	97	94	114329	1030327-01
F1	2021-02-21	0.22	2	passive	SE	136	2.6	ERG	92	58	A21073	1031122-01
F1	2021-02-27	0.00	U, ND, 2	passive	NE	54	1.6	ERG	93	85	33490	1031030-01
F1	2021-03-11	0.13		passive	WNV	302	1.1	ERG	82	54	19654	1031636-01
F1	2021-03-17	0.17		passive	E	79	2.5	ERG	100	96	110308	1032433-01
F1	2021-03-23	0.43	LK	passive	E	98	3	ERG	65	54	A21076	1040823-01
F1	2021-03-29	0.14		passive	NE	41	1.5	ERG	62	37	A21021	1041410-01
F1	2021-04-04	0.22		passive	NW	321	0.7	ERG	100	52	33535	1042216-01
F1	2021-04-10	0.12		passive	S	175	2.9	ERG	94	84	19287	1042216-03
F1	2021-04-16	0.07		passive	N	4	0.9	ERG	66	43	18821	1042934-01
F1	2021-04-28	0.52	2	passive	SW	232	1.6	ERG	93	68	A21052	1051247-01
F1	2021-05-04	0.18	2	passive	SW	219	2.2	ERG	97	90	A21058	1051941-01
F1	2021-05-10	0.46	2	passive	W	268	2.2	ERG	100	83	18876	1051941-04
F1	2021-05-16	0.57		passive	SW	222	1.4	ERG	93	62	A21053	1060324-01
F1	2021-05-22	0.39		passive	NE	40	0.5	ERG	93	60	33240	1060324-02
F1	2021-05-28	0.28	2	passive	SW	219	2.8	ERG	93	74	110314	1060836-01
F1	2021-06-03	0.24		passive	SW	232	1.5	ERG	84	61	19277	1060836-02
F1	2021-06-15	0.41		passive	NNW	328	2.6	ERG	94	62	19640	1070115-01
F1	2021-06-27	0.41		passive	SE	126	1.9	ERG	94	80	19650	1072321-01
F1	2021-07-15	0.57			NW	311	0.9	ERG	97	73	19640	1072937-01
F1	2021-08-26	0.22			SE	144	1.2	ERG	100	85	110252	1090319-01
F1	2021-10-13	0.27			SW	227	0.3		100	89	114334	AK87857
F2	2020-01-28	2.87		passive	NNW	327	4.2	ERG	93	76	SAT002	0020526-02
F2	2020-02-03	0.56		passive	SSW	202	1.8	ERG	92	61	19642	0021215-02
F2	2020-02-09	0.38	LK, 2	passive	ESE	109	2.4	ERG	100	88	5133	0021405-01
F2	2020-02-15	1.13	LK	passive	E	99	2.1	ERG	81	50	5086	0022613-02
F2	2020-02-21	2.80	2	passive	NNW	343	2.2	ERG	93	75	18832	0030234-02
F2	2020-02-27	1.03	2	passive	NW	312	4	ERG	73	52	19645	0030537-01
F2	2020-03-04	2.84	2	passive	SW	272	1.2	ERG	96	91	SAT130	0031135-02
F2	2020-03-10	0.82	LK	passive	SW	218	1.9	ERG	96	75	5132	0031834-02
F2	2020-03-16	0.80	LK	passive	E	83	3	ERG	90	83	5045	0032319-02
F2	2020-03-22	0.97	2	passive	ENE	78	2.7	ERG	89	76	SAT070	0040113-02
F2	2020-03-28	0.69		passive	SW	220	2.7	ERG	96	71	SAT123	0040816-02
F2	2020-04-03	2.37	LK, 2	passive	WNV	284	1.3	ERG	92	51	5081	0041002-02
F2	2020-04-09	1.30	LK	passive	WNV	295	4.5	ERG	93	74	AZ37	0041619-02
F2	2020-04-15	2.75	2	passive	NNW	322	3.8	ERG	65	44	SAT025	0042219-02
F2	2020-04-21	0.83	2	passive	WNV	291	3	ERG	93	67	SAT064	0050112-02

F2	2020-04-27	3.61	2	passive	NW	324	2.8	ERG	76	53	SAT007	0050616-02
F2	2020-05-09	2.30	LK, 2	passive	NNW	335	3.2	ERG	90	58	5076	0051508-01
F2	2020-05-15	0.45	LK, 2	passive	SSE	155	2.6	ERG	80	58	5080	0052847-02
F2	2020-05-21	0.58	LK, 2	passive	ENE	70	1.4	ERG	93	76	504	0052919-03
F2	2020-05-27	0.33	2	passive	ENE	70	3.2	ERG	93	83	SAT020	0060507-02
F2	2020-06-02	0.95	2	passive	SSW	210	1.1	ERG	90	66	33327	0061732-02
F2	2020-06-08	0.83	LK, 2	passive	ESE	120	2.7	ERG	90	76	5050	0061732-04
F2	2020-06-20	0.89	2	passive	NNW	339	1.1	ERG	96	64	19284	0062612-02
F2	2020-06-26	1.72	LK, 2	passive	W	269	2.5	ERG	90	74	5090	0070603-02
F2	2020-07-02	1.73	2	passive	NW	316	1.5	ERG	90	72	18830	0070930-02
F2	2020-07-08	0.37	2	passive	NNW	333	0.9	ERG	94	80	A21053	0071533-02
F2	2020-07-14	0.52	LK, 2	passive	WNW	293	0.6	ERG	90	63	5055	0072414-02
F2	2020-07-20	0.46		passive	NW	318	0.9	ERG	91	67	33531	0072931-02
F2	2020-07-26	0.86	LK	passive	WSW	239	1.1	ERG	93	71	5054	0080536-02
F2	2020-08-01	0.19		passive	SW	232	2.5	ERG	91	67	33327	0080617-02
F2	2020-08-07	4.41	LK, 2	passive	NNW	339	1.4	ERG	90	69	35127	0081832-01
F2	2020-08-13	0.50	D-F	passive	W	271	1.1	ERG	94	71	33506	0082115-02
F2	2020-08-19	1.06		passive	NE	54	1.4	ERG	93	80	19643	0082739-02
F2	2020-08-25	0.35	LK	passive	ENE	59	1.5	ERG	94	91	5035	0090238-02
F2	2020-08-31	0.99	2	passive	WNW	290	1	ERG	94	86	SAT076	0090830-02
F2	2020-09-06	1.04	LK, 2	passive	NE	55	1.4	ERG	90	64	SAT035	0092333-02
F2	2020-09-12	1.64	LK	passive	E	90	2.3	ERG	94	79	AZ37	0092333-05
F2	2020-09-18	3.61	LK, D-F	passive	NNW	341	1.3	ERG	93	80	5135	0092510-01
F2	2020-09-24	0.23		passive	E	100	2.5	ERG	91	87	19283	0100212-02
F2	2020-09-30	0.72	2, LK	passive	W	267	1.6	ERG	93	71	5086	0100834-02
F2	2020-10-06	0.31	2	passive	NE	40	0.8	ERG	93	73	19667	0101530-02
F2	2020-10-12	0.61	2	passive	W	276	1.7	ERG	90	83	33533	0102301-02
F2	2020-10-18	0.17	2	passive	E	79	2.1	ERG	90	67	110342	0102915-02
F2	2020-10-24	2.39	2, D-F	passive	N	0	0.6	ERG	100	94	110257	0110528-02
F2	2020-11-11	1.03	LK	passive	SSE	167	0.9	ERG	100	90	SAT035	0112511-02
F2	2020-11-17	1.25		passive	NNW	331	3.5	ERG	89	54	SAT149	0112511-04
F2	2020-11-23	1.49		passive	NNW	330	3.4	ERG	93	67	18808	0120412-03
F2	2020-11-29	1.15	LK	passive	E	83	1.8	ERG	96	91	SAT112	0120412-04
F2	2020-12-05	1.03	LK	passive	WNW	302	2.2	ERG	93	73	5022	0121642-02
F2	2020-12-11	1.62		passive	SSE	165	0.7	ERG	100	74	19653	0122327-02
F2	2020-12-17	0.74		passive	WNW	296	3.2	ERG	97	80	18865	0122407-02
F2	2020-12-23	0.19		passive	SE	125	1.8	ERG	92	62	A21013	1010625-02
F2	2020-12-29	0.46	2	passive	E	94	1.1	ERG	100	86	114366	1010524-02
F2	2021-01-04	0.15		passive	NW	318	1.4	ERG	100	77	A21026	1011516-02
F2	2021-01-10	1.28		passive	N	9	0.8	ERG	89	69	18889	1012723-02
F2	2021-01-16	0.39	LK	passive	W	272	3.1	ERG	66	50	AZ45	1012723-05
F2	2021-01-22	0.25		passive	NNW	329	1	ERG	97	81	33544	1020317-02
F2	2021-01-28	0.82		passive	NW	325	5.5	ERG	89	63	SAT014	1020425-02
F2	2021-02-03	0.27		passive	NW	312	3.5	ERG	66	50	35143	1021020-03
F2	2021-02-09	0.18		passive	NE	41	1	ERG	93	79	18874	1021837-02
F2	2021-02-15	0.26	LK	passive	E	83	2.8	ERG	97	94	SAT159	1030327-02

F2	2021-02-21	0.13		passive	SE	136	2.6	ERG	92	58	SAT070	1030327-03
F2	2021-02-27	0.54	LK	passive	NE	54	1.6	ERG	93	85	SAT110	1031122-02
F2	2021-03-11	0.36	2	passive	WNW	302	1.1	ERG	82	54	18825	1031636-02
F2	2021-03-17	0.10	2	passive	E	79	2.5	ERG	100	96	110335	1032433-02
F2	2021-03-23	0.11	2	passive	E	98	3	ERG	65	54	110306	1040823-02
F2	2021-03-29	0.18	2	passive	NE	41	1.5	ERG	62	37	114340	1041342-01
F2	2021-04-04	0.52	2	passive	NW	321	0.7	ERG	100	52	SAT180	1042216-02
F2	2021-04-10	0.52	LK, 2	passive	S	175	2.9	ERG	94	84	AZ52	1042216-04
F2	2021-04-16	0.26	2	passive	N	4	0.9	ERG	66	43	18882	1042934-02
F2	2021-04-22	0.18		passive	NW	321	1.3	ERG	88	47	A21034	1043023-01
F2	2021-04-28	0.42	2	passive	SW	232	1.6	ERG	93	68	A22328	1051721-01
F2	2021-05-04	0.27		passive	SW	219	2.2	ERG	97	90	114348	1051941-02
F2	2021-05-10	1.08	2	passive	W	268	2.2	ERG	100	83	A21098	1051941-05
F2	2021-05-16	0.14	2	passive	SW	222	1.4	ERG	93	62	18822	1060324-03
F2	2021-05-22	0.46	2	passive	NE	40	0.5	ERG	93	60	19646	1060324-04
F2	2021-05-28	0.33	LK	passive	SW	219	2.8	ERG	93	74	19296	1060836-03
F2	2021-06-03	0.26		passive	SW	232	1.5	ERG	84	61	19663	1060923-02
F2	2021-06-15	0.37		passive	NNW	328	2.6	ERG	94	62	A21036	1070115-02
F2	2021-06-27	0.57	LK	passive	SE	126	1.9	ERG	94	80	SAT028	1072321-02
F2	2021-07-15	0.48	D-F		NW	311	0.9	ERG	97	73	111219	1072937-02
F2	2021-07-27	0.39			NNW	338	0.9	ERG	94	76	A21108	1080603-02
F2	2021-08-02	1.12	LK		NNW	345	1.3	ERG	90	68	A21095	1081307-01
F2	2021-08-14	0.36	D-F		ENE	66	1.7	ERG	94	70	111217	1090130-02
F2	2021-08-26	0.24			SE	144	1.2	ERG	100	85	35151	1090319-02
F2	2021-09-07	0.26			ENE	58	1.2	ERG	97	85	114386	1091619-01
F2	2021-09-19	0.54			ENE	62	1.3	ERG	100	93	111219	1100617-01
F2	2021-10-01	0.14			SE	131	0.9		97	77	114380	AK87170
F2	2021-10-13	0.39			SW	227	0.3		100	89	110321	AK87858
F3	2020-08-13	1.76		passive	W	271	1.1	ERG	94	71	18883	0082115-04
F3	2020-08-19	3.67	LK, 2	passive	NE	54	1.4	ERG	93	80	5103	0082739-03
F3	2020-08-25	0.91	2	passive	ENE	59	1.5	ERG	94	91	18833	0090238-03
F3	2020-08-31	0.99	2	passive	WNW	290	1	ERG	94	86	A21040	0090830-03
F3	2020-09-06	4.34	2, LK	passive	NE	55	1.4	ERG	90	64	SAT157	0092333-03
F3	2020-09-12	2.87	LK, 2	passive	E	90	2.3	ERG	94	79	AZ45	0092333-06
F3	2020-09-18	5.91		passive	NNW	341	1.3	ERG	93	80	19280	0092510-02
F3	2020-09-24	1.63	2	passive	E	100	2.5	ERG	91	87	SAT101	0100212-03
F3	2020-09-30	0.45	LK	passive	W	267	1.6	ERG	93	71	5077	0100834-03
F3	2020-10-06	1.08		passive	NE	40	0.8	ERG	93	73	19282	0101530-03
F3	2020-10-12	5.75	2	passive	W	276	1.7	ERG	90	83	35138	0102301-03
F3	2020-10-18	1.03		passive	E	79	2.1	ERG	90	67	111211	0102915-03
F3	2020-10-24	4.79	2	passive	N	0	0.6	ERG	100	94	111217	0110528-03
F4	2021-01-16	0.09		passive	W	272	3.1	ERG	66	50	33498	1012723-06
F4	2021-01-22	0.00	ND, U	passive	NNW	329	1	ERG	97	81	19663	1020317-03
F4	2021-01-28	0.00	ND, U	passive	NW	325	5.5	ERG	89	63	SAT085	1020425-03
F4	2021-02-03	0.00	ND, U	passive	NW	312	3.5	ERG	66	50	111217	1021020-04
F4	2021-02-09	0.11		passive	NE	41	1	ERG	93	79	114348	1021837-04

F4	2021-02-15	0.24		passive	E	83	2.8	ERG	97	94	SAT157	1030327-04
F4	2021-02-21	0.43	LK	passive	SE	136	2.6	ERG	92	58	SAT142	1030327-06
F4	2021-02-27	0.11		passive	NE	54	1.6	ERG	93	85	19660	1031122-03
F4	2021-03-11	0.33	LK	passive	WNW	302	1.1	ERG	82	54	SAT058	1031636-03
F4	2021-03-17	0.29		passive	E	79	2.5	ERG	100	96	SAT087	1032433-03
F4	2021-03-23	0.13		passive	E	98	3	ERG	65	54	18824	1040823-03
F4	2021-03-29	0.09		passive	NE	41	1.5	ERG	62	37	18879	1041410-02
F4	2021-04-04	0.15		passive	NW	321	0.7	ERG	100	52	18884	1042123-01
F4	2021-04-10	0.70		passive	S	175	2.9	ERG	94	84	SAT042	1042216-05
F4	2021-04-16	0.10		passive	N	4	0.9	ERG	66	43	2527	1042934-03
F4	2021-04-22	0.09	2	passive	NW	321	1.3	ERG	88	47	33327	1050322-03
F4	2021-04-28	0.40		passive	SW	232	1.6	ERG	93	68	2240	1051247-02
F4	2021-05-04	0.07		passive	SW	219	2.2	ERG	97	90	19278	1051941-03
F4	2021-05-10	0.10		passive	W	268	2.2	ERG	100	83	18884	1051941-06
F4	2021-05-16	0.15		passive	SW	222	1.4	ERG	93	62	111217	1060324-05
F4	2021-05-22	0.22	2	passive	NE	40	0.5	ERG	93	60	33491	1060242-02
F4	2021-05-28	0.21	LK	passive	SW	219	2.8	ERG	93	74	19652	1060923-03
F4	2021-06-03	0.20		passive	SW	232	1.5	ERG	84	61	33498	1060836-04
F4	2021-06-15	0.27		passive	NNW	328	2.6	ERG	94	62	33529	1070115-03
F4	2021-06-27	1.55	LK	passive	SE	126	1.9	ERG	94	80	35131	1072321-03
S1	2019-09-30	0.19	LK	passive	N	7	0.9	ERG	91	66	18831	9100318-01
S1	2019-10-03	0.31	LK	passive	WNW	303	0.8	ERG	90	63	18833	9100921-02
S1	2019-10-06	0.06		passive	E	87	3.8	ERG	94	81	19653	9100921-06
S1	2019-10-12	0.21	LK	passive	NW	304	2.2	ERG	86	69	5013	9101802-01
S1	2019-10-18	0.12	LK	passive	E	85	2.3	ERG	87	63	5017	9102414-01
S1	2019-10-24	0.10	LK	passive	E	85	1.8	ERG	90	66	A21069	9103068-01
S1	2019-11-20	0.27	LK, 2	passive	NW	310	3.2	ERG	79	59	SAT003	9112204-01
S1	2019-11-23	0.36	LK, 2	passive	WSW	244	4.2	ERG	100	94	AZ39	9112712-01
S1	2019-11-29	0.16	LK, 2	passive	NW	317	1.3	ERG	71	49	SAT155	9120611-01
S1	2019-12-05	0.16	LK	passive	WNW	295	2.1	ERG	80	49	19668	9121206-01
S1	2019-12-11	0.22	LK	passive	NW	320	3.1	ERG	87	70	SAT079	9121840-01
S1	2019-12-17	0.37	LK, 2	passive	WNW	294	6.1	ERG	100	93	5019	0010321-01
S1	2019-12-31	0.05	2, U	passive	W	275	6.2	ERG	77	59	18808	0010716-01
S1	2020-01-04	0.24	2, LK	passive	WNW	285	7.3	ERG	100	88	SAT080	0011422-01
S1	2020-01-10	0.30	LK	passive	ESE	104	5.5	ERG	74	65	5020	0011617-01
S1	2020-01-16	0.70	LK	passive	NW	311	5.4	ERG	100	86	5051	0012315-01
S1	2020-01-22	0.73	2	passive	ENE	78	2.2	ERG	79	48	SAT014	0013009-01
S1	2020-01-28	0.32	2	passive	WNW	301	2.5	ERG	97	73	SAT086	0020525-01
S1	2020-02-03	0.85	LK	passive	SSW	211	1.9	ERG	91	55	5080	0021216-01
S1	2020-02-09	0.77	LK, 2	passive	ESE	103	3	ERG	100	93	5129	0021825-01
S1	2020-02-15	0.28		passive	E	93	2.4	ERG	73	47	19668	0022612-01
S1	2020-02-21	2.58	2, LK	passive	NW	321	2.7	ERG	100	75	A21059	0030235-01
S1	2020-02-27	0.46	LK, 2	passive	WNW	301	5.1	ERG	71	53	5121	0030536-01
S1	2020-03-04	0.18	LK, 2	passive	WSW	241	1.6	ERG	100	91	19650	0031013-01
S1	2020-03-10	0.33		passive	SSW	197	2.1	ERG	94	77	2240	0031722-01
S1	2020-03-28	0.18	2	passive	SW	220	2.8	ERG	100	72	19297	0040817-01

S1	2020-04-03	0.13		passive	WNW	284	1.7	ERG	81	46	18823	0041003-01
S1	2020-04-09	0.44		passive	WNW	292	5	ERG	100	79	SAT082	0041620-01
S1	2020-04-15	0.22		passive	NW	320	4.3	ERG	65	45	SAT096	0042217-01
S1	2020-04-21	0.86	LK, 2	passive	WNW	288	4.4	ERG	91	63	5086	0050113-01
S1	2020-04-27	0.11		passive	WNW	302	3.5	ERG	83	56	18827	0050617-01
S1	2020-05-03	0.57	LK, 2	passive	WSW	255	2.6	ERG	90	56	5065	0051409-01
S1	2020-05-09	1.21	LK	passive	NW	320	3.6	ERG	100	63	5040	0051830-01
S1	2020-05-15	0.11		passive	SE	130	3.2	ERG	88	64	18870	0052846-01
S1	2020-05-21	0.07		passive	E	85	1.7	ERG	100	86	19280	0052917-02
S1	2020-05-27	0.70		passive	E	90	3.2	ERG	96	86	SAT111	0060506-01
S1	2020-06-02	0.57		passive	S	185	1.7	ERG	79	64	SAT048	0061733-01
S1	2020-06-08	0.18		passive	ESE	120	4.4	ERG	94	81	SAT044	0061733-05
S1	2020-06-14	1.29	LK, 2	passive	ENE	70	1.7	ERG	85	68	5051	0062524-01
S1	2020-06-20	0.40	LK, 2	passive	NW	321	1.5	ERG	94	66	5127	0062611-01
S1	2020-06-26	0.44		passive	W	275	3.5	ERG	97	79	19289	0070604-01
S1	2020-07-02	0.14	2	passive	WNW	301	2.1	ERG	95	75	19660	0070929-01
S1	2020-07-08	0.33	LK	passive	W	280	1	ERG	95	80	5032	0071532-01
S1	2020-07-14	0.15		passive	WSW	253	1.3	ERG	90	63	18870	0072413-01
S1	2020-07-20	1.10		passive	WSW	258	1	ERG	95	68	SAT152	0072930-01
S1	2020-07-26	0.18	2	passive	NNW	340	0.9	ERG	94	72	19662	0080535-01
S1	2020-08-01	0.67	LK	passive	SW	216	2.9	ERG	91	70	SAT067	0081226-01
S1	2020-08-07	1.03	LK	passive	NE	50	1.7	ERG	91	73	5090	0081932-01
S1	2020-08-13	0.56		passive	ESE	109	1.7	ERG	89	70	A22330	0082116-01
S1	2020-08-19	1.10	LK, 2	passive	SE	125	1.9	ERG	96	74	A253	0082740-01
S1	2020-08-25	1.11		passive	E	97	1.2	ERG	100	94	SAT033	0090237-01
S1	2020-08-31	0.58		passive	WSW	238	0.7	ERG	100	89	A21001	0090831-01
S1	2020-09-06	0.52	LK	passive	ENE	57	1.7	ERG	85	61	AZ41	0092336-01
S1	2020-09-12	2.01		passive	ESE	105	2.6	ERG	100	83	SAT011	0092336-04
S1	2020-09-18	0.48	LK	passive	NNW	331	2.4	ERG	99	83	5043	0092509-01
S1	2020-09-24	0.40	LK	passive	ESE	104	4.1	ERG	100	89	5128	0100211-01
S1	2020-09-30	0.09	2	passive	WNW	283	1.8	ERG	94	74	110335	0100832-01
S1	2020-10-06	0.16		passive	E	87	1.2	ERG	96	73	19658	0101529-01
S1	2020-10-12	1.10		passive	WNW	283	1.9	ERG	100	88	A21006	0102302-01
S1	2020-10-18	0.15		passive	E	94	2.4	ERG	81	65	114329	0102914-01
S1	2020-10-24	0.11	2	passive	N	3	1.1	ERG	100	89	114348	0110518-01
S1	2020-10-30	1.55	2, LK	passive	NW	310	4.8	ERG	81	65	SAT184	0110604-01
S1	2020-11-05	0.93	2, LK	passive	E	93	0.8	ERG	92	70	SAT051	0111209-01
S1	2020-11-11	0.22		passive	S	170	1.3	ERG	100	97	SAT061	0112512-01
S1	2020-11-17	0.73	2, LK	passive	NW	314	4.7	ERG	76	46	35111	0112512-05
S1	2020-11-23	0.39	2, LK	passive	NW	316	3.5	ERG	91	68	SAT110	0120410-01
S1	2020-11-29	0.28	LK	passive	ESE	103	2.8	ERG	100	92	5145	0120410-02
S1	2020-12-05	0.07		passive	WNW	291	3.5	ERG	90	73	19290	0121638-01
S1	2020-12-11	0.16	LK	passive	SSE	148	1	ERG	94	72	5054	0122325-01
S1	2020-12-17	0.44	2	passive	WNW	293	4.8	ERG	96	80	35147	0122408-01
S1	2020-12-23	0.10		passive	ESE	114	3.3	ERG	83	59	19642	1010627-01
S1	2020-12-29	0.09		passive	E	100	2	ERG	100	77	110322	1010523-01

S1	2021-01-04	0.07		passive	SSW	292	1.9	ERG	93	72	19278	1011515-01
S1	2021-01-10	0.25	2, LK	passive	ENE	60	1.5	ERG	87	69	SAT110	1012724-01
S1	2021-01-16	0.10		passive	W	268	4.4	ERG	62	50	19340	1012724-06
S1	2021-01-28	0.50		passive	NW	317	6.6	ERG	94	64	SAT058	1020424-01
S1	2021-02-03	0.39	2	passive	NW	308	4.2	ERG	66	50	SAT069	1021021-01
S1	2021-02-09	0.08		passive	ENE	69	1.5	ERG	91	75	9570	1021828-01
S1	2021-02-15	0.30		passive	E	98	3.7	ERG	100	99	SAT184	1030328-01
S1	2021-02-21	0.28	2	passive	ESE	122	4.3	ERG	81	44	SAT039	1030328-06
S1	2021-02-27	0.13	2	passive	ESE	107	2.4	ERG	100	91	19289	1031031-01
S1	2021-03-11	0.12		passive	SSW	194	1.6	ERG	79	51	18817	1031638-01
S1	2021-03-17	0.27	2	passive	ESE	103	3.1	ERG	100	100	213	1032431-01
S1	2021-03-23	0.13	2	passive	ESE	110	4.3	ERG	66	58	18836	1040821-01
S1	2021-04-04	0.13		passive	WNW	291	1.7	ERG	81	46	33235	1042122-01
S1	2021-04-10	0.17		passive	SSE	161	3.8	ERG	100	85	19654	1042219-04
S1	2021-04-16	0.24	2	passive	NNW	333	2.2	ERG	57	42	A21055	1042935-01
S1	2021-04-22	0.16	2	passive	WNW	290	1.7	ERG	81	40	A21036	1043024-01
S1	2021-04-28	0.14		passive	SSW	204	1.7	ERG	81	63	114322	1051246-01
S1	2021-05-04	0.20		passive	SSW	200	2.5	ERG	100	92	33503	1051939-01
S1	2021-05-10	0.09	2	passive	W	278	3	ERG	100	87	114386	1051939-05
S1	2021-05-16	0.22		passive	SSW	198	1.2	ERG	89	57	19654	1060325-01
S1	2021-05-22	0.20	2	passive	ENE	69	1.1	ERG	92	59	19294	1060325-02
S1	2021-05-28	0.44	LK	passive	SW	232	3.2	ERG	100	76	A21073	1060925-01
S1	2021-06-03	0.22		passive	SSW	212	2.4	ERG	88	67	19281	1060837-01
S1	2021-06-15	0.00	ND, CE, U	passive	NW	310	4	ERG	89	60	A21070	1070113-02
S1	2021-06-27	0.32		passive	SE	126	2.4	ERG	97	85	A21000	1072322-01
S1	2021-07-15	0.18			WSW	252	1.3	ERG	97	74	33535	1072938-01
S1	2021-07-27	0.67	LK		NE	37	1.5	ERG	93	73	A21106	1080604-01
S2	2019-09-24	0.33	LK, 2	passive	NW, W	304	2.5	ERG	78	56	SAT023	9092733-02
S2	2019-09-26	0.22	LK, 2	passive	NW	313	1.7	ERG	80	61	A21104	9100318-02
S2	2019-09-30	0.30	LK, 2	passive	N	7	0.9	ERG	91	66	SAT155	9100318-03
S2	2019-10-03	0.40	LK	passive	WNW	303	0.8	ERG	90	63	SAT135	9100921-04
S2	2019-10-06	0.12	LK	passive	E	87	3.8	ERG	94	81	5005	9100921-09
S2	2019-10-12	0.27	LK	passive	NW	304	2.2	ERG	86	69	5040	9101802-02
S2	2019-10-18	0.07		passive	E	85	2.3	ERG	87	63	18882	9102414-02
S2	2019-10-24	0.05		passive	E	85	1.8	ERG	90	66	19300	9103068-02
S2	2019-11-20	0.19	LK	passive	NW	310	3.2	ERG	79	59	5005	9112204-02
S2	2019-11-23	0.39		passive	WSW	244	4.2	ERG	100	94	SAT049	9112712-02
S2	2019-11-29	0.16	LK	passive	NW	317	1.3	ERG	71	49	SAT086	9120611-02
S2	2019-12-05	0.16	LK, 2	passive	WNW	295	2.1	ERG	80	49	SAT030	9121206-02
S2	2019-12-11	0.03	U, 2	passive	NW	320	3.1	ERG	87	70	19299	9121840-02
S2	2019-12-17	0.36	2	passive	WNW	294	6.1	ERG	100	93	SAT091	0010321-02
S2	2020-01-10	0.32	LK	passive	ESE	104	5.5	ERG	74	65	AZ51	0011617-02
S2	2020-01-16	0.26	LK	passive	NW	311	5.4	ERG	100	86	5146	0012315-02
S2	2020-01-22	0.10	2	passive	ENE	78	2.2	ERG	79	48	SAT126	0013009-02
S2	2020-01-28	0.40	2	passive	WNW	301	2.5	ERG	97	73	SAT076	0020525-02
S2	2020-02-03	0.78	2	passive	SSW	211	1.9	ERG	91	55	SAT048	0021216-02

S2	2020-02-15	0.80	2	passive	E	93	2.4	ERG	73	47	SAT025	0022612-02
S2	2020-02-27	0.15	LK	passive	WNW	301	5.1	ERG	71	53	19663	0030536-02
S2	2020-03-04	0.41	LK	passive	WSW	241	1.6	ERG	100	91	SAT179	0031136-01
S2	2020-03-10	0.24		passive	SSW	197	2.1	ERG	94	77	18877	0031722-02
S2	2020-03-28	0.78	LK	passive	SW	220	2.8	ERG	100	72	SAT159	0040817-02
S2	2020-04-03	0.09		passive	WNW	284	1.7	ERG	81	46	19296	0041003-02
S2	2020-04-09	0.54	LK	passive	WNW	292	5	ERG	100	79	5023	0041620-02
S2	2020-04-15	0.48	LK	passive	NW	320	4.3	ERG	65	45	5079	0042217-02
S2	2020-04-21	0.41	LK, 2	passive	WNW	288	4.4	ERG	91	63	5101	0050113-02
S2	2020-04-27	1.26	LK, 2	passive	WNW	302	3.5	ERG	83	56	5000	0050617-02
S2	2020-05-15	0.57		passive	SE	130	3.2	ERG	88	64	SAT183	0052846-02
S2	2020-05-21	0.78	LK	passive	E	85	1.7	ERG	100	86	SAT184	0052917-03
S2	2020-05-27	0.80		passive	NNW	330	2.6	ERG	96	86	35141	0060506-02
S2	2020-06-02	0.76	LK	passive	S	185	1.7	ERG	79	64	5073	0061733-02
S2	2020-06-08	0.65		passive	ESE	120	4.4	ERG	94	81	19662	0061733-06
S2	2020-06-14	1.04	LK	passive	ENE	70	1.7	ERG	85	68	SAT159	0062524-02
S2	2020-06-20	0.59		passive	NW	321	1.5	ERG	94	66	SAT103	0062611-02
S2	2020-06-26	0.51	LK	passive	W	275	3.5	ERG	97	79	5077	0070604-02
S2	2020-07-02	0.20	LK	passive	WNW	301	2.1	ERG	95	75	SAT051	0070929-02
S2	2020-07-08	0.18		passive	W	280	1	ERG	95	80	19644	0071532-02
S2	2020-07-14	0.40		passive	WSW	253	1.3	ERG	90	63	SAT024	0072413-02
S2	2020-07-20	0.31	2	passive	WSW	258	1	ERG	95	68	19651	0072930-02
S2	2020-07-26	0.22		passive	NNW	340	0.9	ERG	94	72	SAT044	0080535-02
S2	2020-08-01	1.00	2, LK	passive	SW	216	2.9	ERG	91	70	SAT122	0081226-02
S2	2020-08-07	1.53	2	passive	NE	50	1.7	ERG	91	73	SAT029	0081932-02
S2	2020-08-13	0.99	LK	passive	ESE	109	1.7	ERG	89	70	5082	0082116-02
S2	2020-08-19	0.78		passive	SE	125	1.9	ERG	96	74	SAT182	0082740-02
S2	2020-08-25	0.77	2	passive	E	97	1.2	ERG	100	94	33266	0090237-02
S2	2020-08-31	0.60	2	passive	WSW	238	0.7	ERG	100	89	18870	0090831-02
S2	2020-09-06	0.74	LK	passive	ENE	57	1.7	ERG	85	61	5105	0092336-02
S2	2020-09-12	0.17		passive	ESE	105	2.6	ERG	100	83	19288	0092336-05
S2	2020-09-18	1.29	LK	passive	NNW	331	2.4	ERG	99	83	SAT109	0092509-02
S2	2020-09-24	0.58	3	passive	ESE	104	4.1	ERG	100	89	A21095	0100211-02
S2	2020-09-30	0.82	3, LK	passive	WNW	283	1.8	ERG	94	74	5063	0100832-02
S2	2020-10-06	0.10	3	passive	E	87	1.2	ERG	96	73	33238	0101529-02
S2	2020-10-12	0.33	3	passive	WNW	283	1.9	ERG	100	88	A21011	0102302-02
S2	2020-10-18	0.12	3	passive	E	94	2.4	ERG	81	65	110252	0102914-02
S2	2020-10-24	0.13	2, 3	passive	N	3	1.1	ERG	100	89	110258	0110518-02
S2	2020-10-30	0.15	2, 3	passive	NW	310	4.8	ERG	81	65	18833	0110923-01
S2	2020-11-05	0.20	LK, 2, 3	passive	E	93	0.8	ERG	92	70	AZ45	0111209-02
S2	2020-11-11	6.47	3, LK	passive	S	170	1.3	ERG	100	97	35118	0112512-02
S2	2020-11-17	0.09	3	passive	NW	314	4.7	ERG	76	46	33243	0112512-06
S2	2020-11-23	0.18	3	passive	NW	316	3.5	ERG	91	68	35148	0120410-03
S2	2020-11-29	0.28	3, LK	passive	ESE	103	2.8	ERG	100	92	5125	0120410-04
S2	2020-12-05	0.19	3, LK	passive	WNW	291	3.5	ERG	90	73	SAT039	0121638-02
S2	2020-12-11	0.08	3	passive	SSE	148	1	ERG	94	72	19648	0122325-02



S2	2020-12-17	0.05	2, 3, U	passive	WNW	293	4.8	ERG	96	80	18835	0122408-02
S2	2020-12-23	0.05	3	passive	ESE	114	3.3	ERG	83	59	AQL0397	1010627-02
S2	2020-12-29	0.25	3	passive	E	100	2	ERG	100	77	SAT097	1010523-02
S2	2021-01-04	0.17	3	passive	SSW	292	1.9	ERG	93	72	A21106	1011515-02
S2	2021-01-10	0.25	LK, 3, 2	passive	ENE	60	1.5	ERG	87	69	SAT077	1012724-02
S2	2021-01-16	0.04	3, VB, U	passive	W	268	4.4	ERG	62	50	19293	1012724-07
S2	2021-01-28	0.00	ND, U, 3	passive	NW	317	6.6	ERG	94	64	SAT151	1020424-02
S2	2021-02-03	0.00	ND, U, 3, 2	passive	NW	308	4.2	ERG	66	50	114344	1021021-03
S2	2021-02-09	0.06	3	passive	ENE	69	1.5	ERG	91	75	111211	1021828-02
S2	2021-02-15	0.14	3, LK	passive	E	98	3.7	ERG	100	99	AZ41	1030328-02
S2	2021-02-21	0.12	2, 3, LK	passive	ESE	122	4.3	ERG	81	44	SAT028	1030328-07
S2	2021-02-27	0.07	3	passive	ESE	107	2.4	ERG	100	91	33235	1031120-01
S2	2021-03-11	0.38	3, LK	passive	SSW	194	1.6	ERG	79	51	5004	1031638-02
S2	2021-03-17	0.16	2, 3	passive	ESE	103	3.1	ERG	100	100	110252	1032431-02
S2	2021-03-23	0.20	3	passive	ESE	110	4.3	ERG	66	58	18872	1040821-02
S2	2021-03-29	0.40	3, LK	passive	NNW	343	2.1	ERG	61	39	A21071	1041340-03
S2	2021-04-04	0.55	3, LK	passive	WNW	291	1.7	ERG	81	46	SAT175	1042219-01
S2	2021-04-10	0.09	3	passive	SSE	161	3.8	ERG	100	85	111217	1042219-05
S2	2021-04-16	0.08	3	passive	NNW	333	2.2	ERG	57	42	19280	1042935-02
S2	2021-04-22	0.08	3	passive	WNW	290	1.7	ERG	81	40	19288	1043024-02
S2	2021-04-28	0.30	3	passive	SSW	204	1.7	ERG	81	63	44	1051246-02
S2	2021-05-04	0.30	3	passive	SSW	200	2.5	ERG	100	92	A21106	1051939-02
S2	2021-05-10	0.09	3	passive	W	278	3	ERG	100	87	18833	1051939-06
S2	2021-05-16	0.10	3	passive	SSW	198	1.2	ERG	89	57	19657	1060325-03
S2	2021-05-22	0.13	3	passive	ENE	69	1.1	ERG	92	59	19665	1060241-02
S2	2021-05-28	0.11	3	passive	SW	232	3.2	ERG	100	76	111211	1060925-02
S2	2021-06-03	0.10	3	passive	SSW	212	2.4	ERG	88	67	110342	1060837-02
S2	2021-06-15	0.13		passive	NW	310	4	ERG	89	60	110322	1070113-03
S2	2021-06-27	0.12		passive	SE	126	2.4	ERG	97	85	19279	1072322-02
S2	2021-07-15	0.17			WSW	252	1.3	ERG	97	74	110258	1072938-02
S2	2021-07-27	0.18			NE	37	1.5	ERG	93	73	19282	1080604-02
S2	2021-08-02	0.33			NW	313	1.9	ERG	93	70	33534	1081308-01
S2	2021-08-14	0.66	LK		E	101	1.8	ERG	91	71	SAT137	1090124-02
S2	2021-08-26	0.34			SE	124	1	ERG	100	88	19284	1090320-01
S2	2021-09-07	0.79			ENE	72	2.3	ERG	100	85	A21007	1091620-01
S2	2021-10-01	0.35			ESE	106	1.2		99	79	114384	AK87166
S2	2021-10-13	0.32			ESE	102	0.4		100	88	110307	AK87852
S3	2019-09-24	0.54		passive	NW, W	304	2.5	ERG	78	56	18834	9092733-03
S3	2019-09-26	0.10		passive	NW	313	1.7	ERG	80	61	18879	9100318-04
S3	2019-09-30	0.06	2	passive	N	7	0.9	ERG	91	66	19650	9100318-05
S3	2019-10-03	0.17	LK, 2	passive	WNW	303	0.8	ERG	90	63	19289	9100921-03
S3	2019-10-06	0.23	LK, 2	passive	E	87	3.8	ERG	94	81	N4087	9100921-05
S3	2019-10-12	0.21	2	passive	NW	304	2.2	ERG	86	69	SAT058	9101802-03
S3	2019-10-18	0.18	LK	passive	E	85	2.3	ERG	87	63	SAT110	9102414-03
S3	2019-10-24	0.06		passive	E	85	1.8	ERG	90	66	A21104	9103068-03
S3	2019-11-20	0.33	LK	passive	NW	310	3.2	ERG	79	59	SAT012	9112204-03

S3	2019-11-23	0.41	LK, 2	passive	WSW	244	4.2	ERG	100	94	AZ47	9112712-03
S3	2019-11-29	0.25	LK, 2	passive	NW	317	1.3	ERG	71	49	5045	9120611-03
S3	2019-12-05	0.03	LK, U, 2	passive	WNW	295	2.1	ERG	80	49	18883	9121206-03
S3	2019-12-11	0.11	LK, 2	passive	NW	320	3.1	ERG	87	70	5071	9121840-03
S3	2019-12-17	0.08	2	passive	WNW	294	6.1	ERG	100	93	19654	0010321-03
S3	2019-12-31	0.03	2, U	passive	W	275	6.2	ERG	77	59	18879	0010716-02
S3	2020-01-04	0.20	2, LK	passive	WNW	285	7.3	ERG	100	88	A21045	0011422-02
S3	2020-01-10	0.12	LK	passive	ESE	104	5.5	ERG	74	65	SAT031	0011617-03
S3	2020-01-22	0.61		passive	ENE	78	2.2	ERG	79	48	SAT033	0013009-03
S3	2020-01-28	0.73	LK, 2	passive	WNW	301	2.5	ERG	97	73	5046	0020525-03
S3	2020-02-03	0.42		passive	SSW	211	1.9	ERG	91	55	SAT127	0021216-03
S3	2020-02-09	0.68		passive	ESE	103	3	ERG	100	93	SAT176	0021825-03
S3	2020-02-15	0.43	LK, 2	passive	E	93	2.4	ERG	73	47	5072	0022612-03
S3	2020-02-21	0.19	LK	passive	NW	321	2.7	ERG	100	75	19665	0030235-03
S3	2020-02-27	0.31	LK	passive	WNW	301	5.1	ERG	71	53	A21095	0030605-01
S3	2020-03-04	0.44	LK, 2	passive	WSW	241	1.6	ERG	100	91	5044	0031136-02
S3	2020-03-10	0.21	LK	passive	SSW	197	2.1	ERG	94	77	SAT051	0031835-01
S3	2020-03-28	0.28	2	passive	SW	220	2.8	ERG	100	72	19647	0040817-03
S3	2020-04-03	0.62	LK, 2	passive	WNW	284	1.7	ERG	81	46	5022	0041003-03
S3	2020-04-09	0.19	2	passive	WNW	292	5	ERG	100	79	19282	0041620-03
S3	2020-04-15	0.38	2	passive	NW	320	4.3	ERG	65	45	SAT018	0042217-03
S3	2020-04-21	0.97	2	passive	WNW	288	4.4	ERG	91	63	SAT038	0050113-03
S3	2020-04-27	0.42	2	passive	WNW	302	3.5	ERG	83	56	SAT099	0050617-05
S3	2020-05-03	0.95	LK, 2	passive	WSW	255	2.6	ERG	90	56	5062	0051409-03
S3	2020-05-09	0.47	LK	passive	NW	320	3.6	ERG	100	63	5085	0051505-02
S3	2020-05-15	0.20	2	passive	SE	130	3.2	ERG	88	64	33554	0052846-03
S3	2020-05-21	0.50		passive	E	85	1.7	ERG	100	86	A21106	0052917-04
S3	2020-05-27	0.14		passive	E	90	3.2	ERG	96	86	2527	0060506-03
S3	2020-06-02	0.83	LK, 2	passive	S	185	1.7	ERG	79	64	5043	0061733-03
S3	2020-06-08	0.39	2	passive	ESE	120	4.4	ERG	94	81	A21055	0061733-07
S3	2020-06-14	0.17		passive	ENE	70	1.7	ERG	85	68	110335	0062524-03
S3	2020-06-20	0.18	2	passive	NW	321	1.5	ERG	94	66	18865	0062611-03
S3	2020-06-26	1.55	LK, 2	passive	W	275	3.5	ERG	97	79	5081	0070604-03
S3	2020-07-02	0.76	LK, 2	passive	WNW	301	2.1	ERG	95	75	SAT110	0070929-03
S3	2020-07-08	0.44	2	passive	W	280	1	ERG	95	80	SAT009	0071532-03
S3	2020-07-14	0.27	2	passive	WSW	253	1.3	ERG	90	63	18864	0072413-03
S3	2020-07-20	0.89		passive	WSW	258	1	ERG	95	68	19291	0072930-03
S3	2020-07-26	1.26	LK	passive	NNW	340	0.9	ERG	94	72	5142	0080535-03
S3	2020-08-01	0.59	LK	passive	SW	216	2.9	ERG	91	70	18872	0081226-03
S3	2020-08-07	1.49		passive	NE	50	1.7	ERG	91	73	SAT014	0081932-03
S3	2020-08-13	0.91		passive	ESE	109	1.7	ERG	89	70	19663	0082116-03
S3	2020-08-19	2.46	2	passive	SE	125	1.9	ERG	96	74	19279	0082740-03
S3	2020-08-25	1.81	2	passive	E	97	1.2	ERG	100	94	SAT118	0090237-03
S3	2020-08-31	0.35		passive	WSW	238	0.7	ERG	100	89	18828	0090831-03
S3	2020-09-06	0.85		passive	ENE	57	1.7	ERG	85	61	SAT061	0092336-03
S3	2020-09-12	1.67		passive	ESE	105	2.6	ERG	100	83	SAT056	0092336-06

S3	2020-09-18	0.26		passive	NNW	331	2.4	ERG	99	83	33233	0092509-03
S3	2020-09-24	0.47		passive	ESE	104	4.1	ERG	100	89	A21073	0100211-03
S3	2020-09-30	0.83	LK	passive	WNW	283	1.8	ERG	94	74	5075	0100832-03
S3	2020-10-06	0.38		passive	E	87	1.2	ERG	96	73	A21083	0101529-03
S3	2020-10-12	2.51		passive	WNW	283	1.9	ERG	100	88	35131	0102302-03
S3	2020-10-18	0.11	2	passive	E	94	2.4	ERG	81	65	213	0102914-03
S3	2020-10-24	0.22	2	passive	N	3	1.1	ERG	100	89	19666	0110518-03
S3	2020-10-30	0.50	LK, 2	passive	NW	310	4.8	ERG	81	65	5131	0110923-02
S3	2020-11-05	0.27		passive	E	93	0.8	ERG	92	70	SAT174	0111209-03
S3	2020-11-11	0.52		passive	S	170	1.3	ERG	100	97	SAT156	0112512-03
S3	2020-11-17	0.27		passive	NW	314	4.7	ERG	76	46	35117	0112512-07
S3	2020-11-23	0.06		passive	NW	316	3.5	ERG	91	68	33309	0120410-05
S3	2020-11-29	0.27	LK	passive	ESE	103	2.8	ERG	100	92	5110	0120410-06
S3	2020-12-05	0.24	LK	passive	WNW	291	3.5	ERG	90	73	SAT158	0121638-03
S3	2020-12-11	0.26	LK	passive	SSE	148	1	ERG	94	72	5086	0122325-03
S3	2020-12-17	0.08		passive	WNW	293	4.8	ERG	96	80	110314	0122408-03
S3	2020-12-23	0.06		passive	ESE	114	3.3	ERG	83	59	114340	1010627-03
S3	2020-12-29	0.28		passive	E	100	2	ERG	100	77	SAT076	1010523-03
S3	2021-01-04	0.28		passive	SSW	292	1.9	ERG	93	72	A21047	1011515-03
S3	2021-01-10	0.18		passive	ENE	60	1.5	ERG	87	69	SAT068	1012724-03
S3	2021-01-16	0.11	LK	passive	W	268	4.4	ERG	62	50	35118	1012724-08
S3	2021-01-28	0.00	ND, U	passive	NW	317	6.6	ERG	94	64	35119	1020424-03
S3	2021-02-03	0.00	ND, U	passive	NW	308	4.2	ERG	66	50	110335	1021021-04
S3	2021-02-09	0.29		passive	ENE	69	1.5	ERG	91	75	SAT076	1021828-04
S3	2021-02-15	0.50	D-F, 2	passive	E	98	3.7	ERG	100	99	SAT114	1030328-03
S3	2021-02-21	0.56		passive	ESE	122	4.3	ERG	81	44	SAT075	1030328-08
S3	2021-02-27	0.75	LK	passive	ESE	107	2.4	ERG	100	91	AZ38	1031120-02
S3	2021-03-11	0.68	LK	passive	SSW	194	1.6	ERG	79	51	AZ39	1031638-03
S3	2021-03-17	0.20		passive	ESE	103	3.1	ERG	100	100	110322	1032431-03
S3	2021-03-23	0.37	LK	passive	ESE	110	4.3	ERG	66	58	SAT081	1040821-03
S3	2021-03-29	0.09		passive	NNW	343	2.1	ERG	61	39	18870	1041340-02
S3	2021-04-04	0.13		passive	WNW	291	1.7	ERG	81	46	19643	1042219-02
S3	2021-04-10	0.15		passive	SSE	161	3.8	ERG	100	85	114386	1042219-06
S3	2021-04-16	0.37		passive	NNW	333	2.2	ERG	57	42	A21109	1042935-04
S3	2021-04-22	0.09		passive	WNW	290	1.7	ERG	81	40	33512	1050323-01
S3	2021-04-28	0.17		passive	SSW	204	1.7	ERG	81	63	110308	1051246-05
S3	2021-05-04	0.14		passive	SSW	200	2.5	ERG	100	92	114340	1051939-04
S3	2021-05-10	0.33		passive	W	278	3	ERG	100	87	110305	1051939-07
S3	2021-05-16	0.94		passive	SSW	198	1.2	ERG	89	57	A21017	1060325-04
S3	2021-05-22	0.99		passive	ENE	69	1.1	ERG	92	59	A21078	1060241-03
S3	2021-05-28	0.25		passive	SW	232	3.2	ERG	100	76	19664	1060837-03
S3	2021-06-03	0.87	LK	passive	SSW	212	2.4	ERG	88	67	A21002	1060925-03
S3	2021-06-15	0.22		passive	NW	310	4	ERG	89	60	110305	1070113-04
S3	2021-06-27	0.15		passive	SE	126	2.4	ERG	97	85	18823	1072322-03
S3	2021-07-15	0.23			WSW	252	1.3	ERG	97	74	114348	1072938-04
S3	2021-07-27	0.24			NE	37	1.5	ERG	93	73	33498	1080604-03

S3	2021-08-02	0.44			NW	313	1.9	ERG	93	70	A21053	1081308-02
S3	2021-08-14	0.37	LK		E	101	1.8	ERG	91	71	SAT030	1090124-04
S3	2021-08-26	0.30			SE	124	1	ERG	100	88	33506	1090320-02
S4	2019-09-24	0.37	LK, 2	passive	NW, W	304	2.5	ERG	78	56	5117	9092733-04
S4	2019-09-26	0.71	LK, 2	passive	NW	313	1.7	ERG	80	61	5026	9100318-06
S4	2019-09-30	0.25	LK	passive	N	7	0.9	ERG	91	66	SAT081	9100318-07
S4	2019-10-03	1.15	LK	passive	WNW	303	0.8	ERG	90	63	N4120	9100921-08
S4	2019-10-06	0.06		passive	E	87	3.8	ERG	94	81	A21078	9100921-10
S4	2019-10-12	0.21	LK	passive	NW	304	2.2	ERG	86	69	5012	9101802-04
S4	2019-10-18	0.15	LK	passive	E	85	2.3	ERG	87	63	5138	9102414-04
S4	2019-10-24	0.00	U, ND	passive	E	85	1.8	ERG	90	66	19646	9103068-04
S4	2019-11-20	0.15	LK	passive	NW	310	3.2	ERG	79	59	A22329	9112204-04
S4	2019-11-23	0.10		passive	WSW	244	4.2	ERG	100	94	A21108	9112712-04
S4	2019-11-29	0.12	LK	passive	NW	317	1.3	ERG	71	49	5129	9120611-04
S4	2019-12-05	0.16	LK, 2	passive	WNW	295	2.1	ERG	80	49	5044	9121206-04
S4	2019-12-11	0.11	LK, 2	passive	NW	320	3.1	ERG	87	70	A22330	9121840-04
S4	2019-12-17	0.36	2	passive	WNW	294	6.1	ERG	100	93	19648	0010321-04
S4	2019-12-31	0.22	2, U	passive	W	275	6.2	ERG	77	59	A21037	0010716-03
S4	2020-01-04	1.58	2	passive	WNW	285	7.3	ERG	100	88	A21002	0011422-03
S4	2020-01-10	0.55	LK	passive	ESE	104	5.5	ERG	74	65	SAT087	0011617-04
S4	2020-01-16	0.43	LK	passive	NW	311	5.4	ERG	100	86	SAT157	0012315-04
S4	2020-01-22	0.16		passive	ENE	78	2.2	ERG	79	48	SAT078	0013009-04
S4	2020-01-28	0.49	2	passive	WNW	301	2.5	ERG	97	73	SAT173	0020525-04
S4	2020-02-03	0.38		passive	SSW	211	1.9	ERG	91	55	19664	0021216-04
S4	2020-02-09	0.34		passive	ESE	103	3	ERG	100	93	A21042	0021825-04
S4	2020-02-15	0.45		passive	E	93	2.4	ERG	73	47	A21051	0022612-04
S4	2020-02-21	0.15	LK	passive	NW	321	2.7	ERG	100	75	A21011	0030235-04
S4	2020-02-27	0.33	LK	passive	WNW	301	5.1	ERG	71	53	A21067	0030536-03
S4	2020-03-04	0.62		passive	WSW	241	1.6	ERG	100	91	A21094	0031013-02
S4	2020-03-10	0.30		passive	SSW	197	2.1	ERG	94	77	A21040	0031722-03
S4	2020-03-28	0.40		passive	SW	220	2.8	ERG	100	72	A21084	0040817-04
S4	2020-04-03	0.40	LK	passive	WNW	284	1.7	ERG	81	46	5116	0041003-04
S4	2020-04-09	0.68		passive	WNW	292	5	ERG	100	79	A21017	0041620-04
S4	2020-04-15	0.27	2	passive	NW	320	4.3	ERG	65	45	A21083	0042217-04
S4	2020-04-21	0.29	2	passive	WNW	288	4.4	ERG	91	63	18832	0050113-04
S4	2020-04-27	0.89	2	passive	WNW	302	3.5	ERG	83	56	SAT173	0050617-03
S4	2020-05-03	1.16		passive	WSW	255	2.6	ERG	90	56	SAT058	0051409-04
S4	2020-05-09	0.53	LK	passive	NW	320	3.6	ERG	100	63	5124	0051505-03
S4	2020-05-15	0.29		passive	SE	130	3.2	ERG	88	64	A21025	0052846-04
S4	2020-05-21	0.26		passive	E	85	1.7	ERG	100	86	A22328	0052917-05
S4	2020-05-27	1.18	2	passive	E	90	3.2	ERG	96	86	SAT131	0060506-04
S4	2020-06-02	0.90		passive	S	185	1.7	ERG	79	64	SAT018	0061733-04
S4	2020-06-08	0.71	LK	passive	ESE	120	4.4	ERG	94	81	5106	0061733-08
S4	2020-06-14	0.15	2	passive	ENE	70	1.7	ERG	85	68	A21010	0062524-04
S4	2020-06-20	0.49		passive	NW	321	1.5	ERG	94	66	A21095	0062611-04
S4	2020-06-26	0.78	LK	passive	W	275	3.5	ERG	97	79	5091	0070604-04

S4	2020-07-02	0.85	LK	passive	WNW	301	2.1	ERG	95	75	A21015	0070929-04
S4	2020-07-08	0.44	2	passive	W	280	1	ERG	95	80	A21082	0071532-04
S4	2020-07-14	0.86	2	passive	WSW	253	1.3	ERG	90	63	53	0072413-04
S4	2020-07-20	0.45	LK, 2	passive	WSW	258	1	ERG	95	68	5044	0072930-04
S4	2020-07-26	0.53		passive	NNW	340	0.9	ERG	94	72	49	0080535-04
S4	2020-08-01	0.83	LK	passive	SW	216	2.9	ERG	91	70	5106	0081226-04
S4	2020-08-07	0.59	D-F	passive	NE	50	1.7	ERG	91	73	35131	0081932-04
S4	2020-08-13	0.74	2	passive	ESE	109	1.7	ERG	89	70	A21056	0082116-04
S4	2020-09-12	1.19	2	passive	ESE	105	2.6	ERG	100	83	A21102	0092336-07
S4	2020-09-18	0.00	2, ND, U	passive	NNW	331	2.4	ERG	99	83	9570	0092509-04
S4	2020-09-24	0.37		passive	ESE	104	4.1	ERG	100	89	A21088	0100211-04
S4	2020-09-30	0.36	LK	passive	WNW	283	1.8	ERG	94	74	5093	0100832-04
S4	2020-10-06	0.17		passive	E	87	1.2	ERG	96	73	18873	0101529-04
S4	2020-10-12	0.78	LK	passive	WNW	283	1.9	ERG	100	88	22325	0102302-04
S4	2020-10-18	0.00	U, ND	passive	E	94	2.4	ERG	81	65	114366	0102914-04
S4	2020-10-24	0.33		passive	N	3	1.1	ERG	100	89	A21021	0110518-04
S4	2020-10-30	0.35		passive	NW	310	4.8	ERG	81	65	A21106	0110923-03
S4	2020-11-05	0.19		passive	E	93	0.8	ERG	92	70	A21055	0111209-04
S4	2020-11-11	0.90	LK	passive	S	170	1.3	ERG	100	97	SAT023	0112512-04
S4	2020-11-17	0.16	2	passive	NW	314	4.7	ERG	76	46	A21050	0112512-08
S4	2020-11-23	0.06		passive	NW	316	3.5	ERG	91	68	A21044	0120410-07
S4	2020-11-29	0.11		passive	ESE	103	2.8	ERG	100	92	A21074	0120410-08
S4	2020-12-11	0.59		passive	SSE	148	1	ERG	94	72	A21006	0122325-04
S4	2020-12-17	0.17		passive	WNW	293	4.8	ERG	96	80	A21058	0122408-04
S4	2020-12-23	0.15		passive	ESE	114	3.3	ERG	83	59	35139	1010627-04
S4	2020-12-29	0.14		passive	E	100	2	ERG	100	77	114344	1010523-04
S4	2021-01-04	0.13		passive	SSW	292	1.9	ERG	93	72	A21050	1011515-04
S4	2021-01-10	0.18	2	passive	ENE	60	1.5	ERG	87	69	A21099	1012724-04
S4	2021-01-16	0.07		passive	W	268	4.4	ERG	62	50	19647	1012724-09
S4	2021-01-28	0.00	ND, U	passive	NW	317	6.6	ERG	94	64	A21109	1020424-04
S4	2021-02-03	0.07		passive	NW	308	4.2	ERG	66	50	110322	1021021-05
S4	2021-02-09	0.23		passive	ENE	69	1.5	ERG	91	75	213	1021828-05
S4	2021-02-15	0.38	D-F	passive	E	98	3.7	ERG	100	99	SAT145	1030328-05
S4	2021-02-21	0.29	2, LK	passive	ESE	122	4.3	ERG	81	44	A21067	1030328-10
S4	2021-02-27	0.20		passive	ESE	107	2.4	ERG	100	91	A21065	1031120-03
S4	2021-03-11	0.25		passive	SSW	194	1.6	ERG	79	51	A21053	1031638-04
S4	2021-03-17	0.22		passive	ESE	103	3.1	ERG	100	100	A21101	1032431-04
S4	2021-03-23	0.87	LK, D-F	passive	ESE	110	4.3	ERG	66	58	SAT029	1040821-04
S4	2021-03-29	0.25		passive	NNW	343	2.1	ERG	61	39	A21098	1041340-05
S4	2021-04-04	0.12		passive	WNW	291	1.7	ERG	81	46	18828	1042219-03
S4	2021-04-10	0.33		passive	SSE	161	3.8	ERG	100	85	A21108	1042219-07
S4	2021-04-16	0.44	LK	passive	NNW	333	2.2	ERG	57	42	A21033	1042935-03
S4	2021-04-22	0.32	2, D-F	passive	WNW	290	1.7	ERG	81	40	111219	1050719-01
S4	2021-04-28	0.27	2	passive	SSW	204	1.7	ERG	81	63	A21026	1051246-04
S4	2021-05-04	0.49		passive	SSW	200	2.5	ERG	100	92	A22304	1051939-03
S4	2021-05-10	0.17	2	passive	W	278	3	ERG	100	87	110258	1051939-08

S4	2021-05-16	0.11		passive	SSW	198	1.2	ERG	89	57	19647	1060325-05
S4	2021-05-22	0.11		passive	ENE	69	1.1	ERG	92	59	19295	1060325-06
S4	2021-05-28	0.35	LK, 2	passive	SW	232	3.2	ERG	100	76	A21005	1060925-04
S4	2021-06-03	0.12		passive	SSW	212	2.4	ERG	88	67	A21089	1060837-04
S4	2021-06-15	0.15		passive	NW	310	4	ERG	89	60	110257	1070113-05
S4	2021-06-27	0.08		passive	SE	126	2.4	ERG	97	85	33490	1072322-04
S5	2019-09-24	2.04		passive	NW	304	2.5	ERG	78	56	19300	9092730-01
S5	2019-09-30	0.32		passive	N	7	0.9	ERG	91	66	A21101	9100921-01
S6	2019-12-31	0.14	LK	passive	W	275	6.2	ERG	77	59	5059	0010716-04
S6	2020-01-04	0.25	2, LK	passive	WNW	285	7.3	ERG	100	88	SAT109	0011422-04
S6	2020-05-15	0.86	LK	passive	SE	130	3.2	ERG	88	64	SAT088	0052846-05
S6	2020-06-20	0.24	2	passive	NW	321	1.5	ERG	94	66	18883	0062611-05
S6	2020-07-20	0.30		passive	WSW	258	1	ERG	95	68	19277	0072930-05
S6	2020-11-23	0.00	2, U, ND	passive	NW	316	3.5	ERG	91	68	19644	0120410-09
S6	2020-12-23	0.06		passive	ESE	114	3.3	ERG	83	59	18874	1010722-01
S6	2021-06-27	0.25		passive	SE	126	2.4	ERG	97	85	33532	1072322-05
S6	2021-07-27	0.50	LK		WSW	252	1.3	ERG	93	73	A21097	1080604-05
S6	2021-08-26	0.13			SE	124	1	ERG	100	88	110335	1090320-03
S6	2021-09-19	0.26	LK		E	96	1.8	ERG	100	95	19340	1100727-02
S6	2021-10-13	0.36			ESE	102	0.4		100	88	114394	AK87854
S7	2019-12-31	0.17	2	passive	W	275	6.2	ERG	77	59	SAT014	0010716-05
S7	2020-01-22	0.10	U	passive	ENE	78	2.2	ERG	79	48	18831	0012928-01
S7	2020-02-27	0.15	LK	passive	WNW	301	5.1	ERG	71	53	18884	0030605-02
S7	2020-03-28	0.34	2	passive	SW	220	2.8	ERG	100	72	18876	0040817-06
S7	2020-04-27	0.41		passive	WNW	302	3.5	ERG	83	56	18878	0050617-04
S7	2020-05-15	1.46	LK, 2	passive	SE	130	3.2	ERG	88	64	5075	0052846-06
S7	2020-05-27	1.09	LK, 2	passive	E	90	3.2	ERG	96	86	SAT109	0060506-05
S7	2020-06-20	0.62	LK, 2	passive	NW	321	1.5	ERG	94	66	5108	0062611-06
S7	2020-07-20	0.68	2	passive	WSW	258	1	ERG	95	68	SAT003	0072930-06
S7	2020-09-24	0.37		passive	ESE	104	4.1	ERG	100	89	SAT179	0100211-05
S7	2020-10-30	0.20		passive	NW	310	4.8	ERG	81	65	A21040	0110604-02
S7	2020-11-23	0.09		passive	NW	316	3.5	ERG	91	68	33503	0120410-10
S7	2021-01-28	0.00	2, ND, U	passive	NW	317	6.6	ERG	94	64	114386	1020424-05
S7	2021-02-27	0.09		passive	ESE	107	2.4	ERG	100	91	A21074	1031120-04
S7	2021-03-29	0.13	2	passive	NNW	343	2.1	ERG	61	39	18881	1041340-04
S7	2021-04-28	0.49	2	passive	SSW	204	1.7	ERG	81	63	SAT012	1051246-03
S7	2021-05-22	0.24	LK	passive	ENE	69	1.1	ERG	92	59	33544	1060325-07
S7	2021-06-27	0.99		passive	SE	126	2.4	ERG	97	85	A21105	1072322-06
S7	2021-07-27	1.31			WSW	252	1.3	ERG	93	73	35135	1080604-04
S7	2021-08-26	0.13			SE	124	1	ERG	100	88	A21010	1090320-04
S7	2021-09-19	0.28	LK		E	96	1.8	ERG	100	95	33498	1100727-03
S7	2021-10-13	0.29			ESE	102	0.4		100	88	110326	AK87853
South DeKalb	2019-08-13	0.10		ATEC	SW	225	0.1	ERG	96	73	114308	9082209-03
South DeKalb	2019-08-16	0.11		ATEC	WNW	288	0.2	ERG	96	66	S/N00013	9082209-01
South DeKalb	2019-09-04	0.10		ATEC	NE	35	0.1	ERG	96	66	110335	9091129-01
South DeKalb	2019-09-19	0.09	2	passive	ESE	105	0.7	ERG	75	58	18826	9092560-01

South DeKalb	2019-09-20	0.16		ATEC	ESE	107	0.4	ERG	89	61	114369	9092609-01
South DeKalb	2019-09-24	0.35	LK,2	passive	WNW	303	0.2	ERG	89	65	5004	9092728-01
South DeKalb	2019-09-26	0.33	LK, 2	passive	NW	324	0.1	ERG	92	67	5063	9100319-02
South DeKalb	2019-09-30	0.24		passive	W	264	0.1	ERG	97	72	A21046	9100319-01
South DeKalb	2019-10-03	0.29	LK	passive	WNW	297	0.1	ERG	96	67	SAT099	9100923-01
South DeKalb	2019-10-06	0.14		passive	ENE	78	0.6	ERG	89	77	SAT158	9100923-02
South DeKalb	2019-10-12	0.33	LK	passive	WNW	286	0.3	ERG	95	68	A21103	9102315-01
South DeKalb	2019-10-19	0.10		passive	ENE	69	0.8	ERG	99	91	A21013	9102508-01
South DeKalb	2019-10-30	0.13		passive	SE	127	0.1	ERG	99	98	A21009	9110119-01
South DeKalb	2019-11-08	0.14		passive	NW	306	0.3	ERG	99	78	A21025	9111413-01
South DeKalb	2019-11-13	0.13		passive	E	93	0.6	ERG	92	61	SAT123	9111510-01
South DeKalb	2019-11-15	0.26	LK	passive	N	2	0.1	ERG	99	98	5133	9111924-01
South DeKalb	2019-11-20	0.75	LK	passive	WNW	298	0.2	ERG	92	66	5026	9120424-01
South DeKalb	2019-11-23	0.08	2, U	passive	WSW	251	0.5	ERG	99	94	19277	9120424-02
South DeKalb	2019-11-29	0.25	2, LK	passive	SSE	149	0.1	ERG	85	59	SAT002	9120612-01
South DeKalb	2019-12-05	0.16	LK	passive	WNW	296	0.2	ERG	85	54	49	9121208-01
South DeKalb	2019-12-08	0.05	LK	passive	E	92	1.5	ERG	77	59	A21054	9121208-02
South DeKalb	2019-12-11	0.03	U	passive	NW	323	0.4	ERG	91	65	18864	9121842-01
South DeKalb	2019-12-14	0.22	LK	passive	WNW	288	0.8	ERG	98	86	SAT075	9121842-02
South DeKalb	2019-12-17	0.15	LK	passive	WNW	292	0.6	ERG	98	87	5015	9122018-01
South DeKalb	2019-12-19	0.28	LK, 2	passive	ESE	118	0.1	ERG	88	62	SAT110	0010718-01
South DeKalb	2019-12-31	0.13	LK	passive	WNW	287	1.2	ERG	80	57	5004	0010718-02
South DeKalb	2020-01-04	0.16	2	passive	WNW	292	1.3	ERG	99	75	A21084	0010908-01
South DeKalb	2020-01-07	0.04	2, VB, U	passive	WNW	285	1.1	ERG	93	60	A21058	0011706-01
South DeKalb	2020-01-16	0.24	LK	passive	NW	306	0.6	ERG	99	71	SAT178	0012314-01
South DeKalb	2020-01-22	0.42		passive	E	86	0.4	ERG	88	52	A21100	0020428-01
South DeKalb	2020-02-03	0.32		passive	SW	224	0.4	ERG	94	57	A21058	0021217-01
South DeKalb	2020-02-15	0.47	LK	passive	E	97	0.5	ERG	85	60	SAT164	0022424-01
South DeKalb	2020-02-15	0.08		passive	E	97	0.5	EPD	85	60	110327	AK41088
South DeKalb	2020-02-21	0.17		passive	N	357	0.2	ERG	97	74	18870	0022815-01
South DeKalb	2020-02-27	0.13	2, LK	passive	WNW	298	1.1	ERG	75	51	SAT157	0030607-01
South DeKalb	2020-03-04	0.21		passive	NW	319	0.1	ERG	100	96	19284	0031323-01
South DeKalb	2020-03-10	0.18		passive	SW	215	0.3	EPD	99	83	110315	AK42365
South DeKalb	2020-03-16	0.46		passive	E	84	0.9	ERG	98	88	SAT016	0032320-01
South DeKalb	2020-03-22	0.15		passive	E	90	0.8	ERG	96	84	SAT120	0040114-01
South DeKalb	2020-03-28	0.37	2	passive	SW	235	0.6	ERG	97	71	44	0040815-01
South DeKalb	2020-03-28	0.18		passive	SW	235	0.6	EPD	97	71	110304	AK42362
South DeKalb	2020-04-03	1.00	LK	passive	W	278	0.3	ERG	95	56	5029	0041004-01
South DeKalb	2020-04-09	0.15		passive	WNW	291	1	ERG	100	68	18873	0041708-01
South DeKalb	2020-04-15	0.16	2	passive	NW	306	0.5	ERG	66	42	A21035	0042221-01
South DeKalb	2020-04-21	0.84	2	passive	WNW	287	0.8	ERG	99	68	A21071	0050115-01
South DeKalb	2020-04-27	0.92	LK, 2	passive	WNW	291	0.5	ERG	89	56	5121	0050618-01
South DeKalb	2020-05-03	0.40	LK, 2	passive	WSW	255	0.4	ERG	98	62	5102	0051325-01
South DeKalb	2020-05-09	0.16	2	passive	WNW	291	0.3	ERG	99	63	SAT130	0051507-01
South DeKalb	2020-05-15	0.50	2	passive	SE	127	0.4	ERG	95	71	A21097	0052849-01
South DeKalb	2020-05-21	0.20		passive	ESE	111	0.2	ERG	100	85	A21013	0052916-01

South DeKalb	2020-05-29	0.21		passive	WNW	291	0.3	EPD	99	88	35450	AK46103
South DeKalb	2020-06-02	0.53		passive	S	177	0.2	ERG	98	74	A21001	0061041-01
South DeKalb	2020-06-08	1.15		passive	ESE	110	0.7	ERG	97	85	35117	0061734-01
South DeKalb	2020-06-08	0.87		passive	ESE	110	0.7	EPD	97	85	35007	AK46850
South DeKalb	2020-06-14	0.39	LK	passive	ESE	119	0.1	ERG	100	83	5119	0061906-01
South DeKalb	2020-06-20	0.82		passive	WNW	295	0.2	ERG	100	71	A21047	0070605-01
South DeKalb	2020-06-26	0.60		passive	WNW	289	0.7	ERG	100	77	A21071	0070841-01
South DeKalb	2020-06-26	0.10		passive	WNW	289	0.7	EPD	100	77	35457	AK46934
South DeKalb	2020-07-02	0.80	LK	passive	WNW	283	0.1	ERG	100	90	5006	0070931-01
South DeKalb	2020-07-08	0.82		passive	SW	233	0.05	ERG	100	86	SAT016	0071714-01
South DeKalb	2020-07-08	0.99		passive	SW	233	0.05	EPD	100	86	35471	AK46936
South DeKalb	2020-07-14	1.08	LK	passive	W	263	0.1	ERG	99	76	5104	0072415-01
South DeKalb	2020-07-14	0.63		passive	W	263	0.1	EPD	99	76	35644	AK49486
South DeKalb	2020-07-20	3.76		passive	WSW	251	0.1	ERG	99	74	A21050	0072932-01
South DeKalb	2020-07-20	0.17		passive	WSW	251	0.1	EPD	99	74	35009	AK49485
South DeKalb	2020-07-26	0.51		passive	SW	214	0.1	ERG	100	80	SAT064	0080537-01
South DeKalb	2020-07-26	1.19		passive	SW	214	0.1	EPD	100	80	35733	AK49487
South DeKalb	2020-08-01	0.20	2, LK	passive	SSW	211	0.3	ERG	100	79	A21074	0081409-01
South DeKalb	2020-08-07	0.95		passive	SSE	168	0.1	ERG	99	82	A21098	0081409-02
South DeKalb	2020-08-07	0.72		passive	SSE	168	0.1	EPD	99	82	35007	AK51529
South DeKalb	2020-08-13	2.91	LK	passive	W	272	0.1	ERG	100	83	SAT077	0082119-01
South DeKalb	2020-08-13	0.34		passive	W	272	0.1	EPD	100	83	35651	AK55445
South DeKalb	2020-08-19	0.74		passive	SE	129	0.2	ERG	100	86	33503	0082741-01
South DeKalb	2020-08-19	5.72		passive	SE	129	0.2	EPD	100	86	35872	AK57040
South DeKalb	2020-08-25	0.41		passive	E	85	0.1	ERG	100	100	19660	0090240-01
South DeKalb	2020-08-25	1.08		passive	E	85	0.1	EPD	100	100	35013	AK51531
South DeKalb	2020-08-31	0.97	2	passive	WSW	255	0.1	ERG	100	97	A21028	0090414-01
South DeKalb	2020-08-31	0.75		passive	WSW	255	0.1	EPD	100	97	35799	AK52474
South DeKalb	2020-09-12	0.62	LK	passive	ESE	103	0.5	ERG	97	88	5062	0092334-01
South DeKalb	2020-09-24	0.38	LK	passive	E	101	0.6	ERG	99	96	5072	0093026-02
South DeKalb	2020-09-30	0.60	2, LK	passive	W	279	0.4	ERG	99	81	SAT021	0100835-01
South DeKalb	2020-10-06	0.53	LK, D-F	passive	ESE	108	0.1	ERG	98	82	5073	0101531-01
South DeKalb	2020-10-06	0.23		passive	ESE	108	0.1	EPD	98	82	35792	AK57552
South DeKalb	2020-10-12	0.24		passive	W	281	0.3	ERG	99	91	18876	0101606-01
South DeKalb	2020-10-12	1.36		passive	W	281	0.3	EPD	99	91	35827	AK57553
South DeKalb	2020-10-18	0.17	2	passive	ESE	107	0.3	ERG	96	79	114344	0102917-01
South DeKalb	2020-10-18	0.09		passive	ESE	107	0.3	EPD	96	79	35648	AK60669
South DeKalb	2020-10-24	0.70	2	passive	SE	140	0.1	ERG	99	91	A21089	0103007-01
South DeKalb	2020-10-24	0.86		passive	SE	140	0.1	EPD	99	91	35457	AK60670
South DeKalb	2020-10-30	1.05	2, LK	passive	WNW	296	0.8	ERG	90	69	SAT028	0111124-01
South DeKalb	2020-10-30	3.72		passive	WNW	296	0.8	EPD	90	69	35651	AK60671
South DeKalb	2020-11-05	0.82	LK, 2	passive	ESE	110	0.1	ERG	98	81	SAT164	0111825-01
South DeKalb	2020-11-05	2.26		passive	ESE	110	0.1	EPD	98	81	35872	AK62779
South DeKalb	2020-11-11	0.46	LK	passive	ESE	106	0.1	ERG	100	98	SAT151	0111825-02
South DeKalb	2020-11-11	0.17		passive	ESE	106	0.1	EPD	100	98	35009	AK62780
South DeKalb	2020-11-17	0.13		passive	NW	307	0.5	ERG	92	53	A21025	0112514-01



South DeKalb	2020-11-17	1.11		passive	NW	307	0.5	EPD	92	53	35821	AK62781
South DeKalb	2020-11-23	0.22	LK	passive	NW	312	0.5	ERG	96	69	5006	0120413-01
South DeKalb	2020-11-23	0.17		passive	NW	312	0.5	EPD	96	69	35815	AK64351
South DeKalb	2020-11-29	0.31	LK	passive	E	89	0.7	ERG	100	98	5100	0121015-01
South DeKalb	2020-12-05	0.17	LK	passive	WNW	292	0.7	ERG	97	77	5101	0121641-01
South DeKalb	2020-12-05	0.57		passive	WNW	292	0.7	EPD	97	77	35806	AK64347
South DeKalb	2020-12-11	0.14		passive	ESE	118	0.1	ERG	99	76	A21036	0122328-01
South DeKalb	2020-12-11	0.38		passive	ESE	118	0.1	EPD	99	76	35701	AK64348
South DeKalb	2020-12-17	0.29	LK	passive	WNW	293	1	ERG	100	98	22325	0123027-01
South DeKalb	2020-12-17	0.09		passive	WNW	293	1	EPD	100	98	35872	AK65737
South DeKalb	2020-12-23	0.09		passive	ESE	109	0.6	ERG	96	70	114348	1010628-01
South DeKalb	2020-12-23	0.10		ATEC	ESE	109	0.6	ERG	96	70	110305	1010721-01
South DeKalb	2020-12-23	0.24		passive	ESE	109	0.6	EPD	96	70	35792	AK65736
South DeKalb	2021-01-04	0.08		passive	WNW	287	0.3	ERG	100	75	35152	1011328-03
South DeKalb	2021-01-10	0.00	U, ND	ATEC	SE	130	0.1	ERG	94	75	33309	1012128-01
South DeKalb	2021-01-10	0.17	2	passive	SE	130	0.1	ERG	94	75	A21001	1012128-02
South DeKalb	2021-01-10	0.05		passive	SE	130	0.1	EPD	94	75	35651	AK65738
South DeKalb	2021-01-16	0.13	2	passive	WNW	287	0.8	ERG	87	62	A21108	1012725-01
South DeKalb	2021-01-16	0.05	2	ATEC	WNW	287	0.8	ERG	87	62	33496	1012725-02
South DeKalb	2021-01-16	0.09		passive	WNW	287	0.8	EPD	87	62	86335	AK66956
South DeKalb	2021-01-22	0.00	2, ND, U	passive	W	271	0.3	ERG	100	79	SAT078	1012902-01
South DeKalb	2021-01-22	0.26	LK, 2, 1, 6	ATEC	W	271	0.3	ERG	100	79	SAT129	1012902-02
South DeKalb	2021-01-22	0.09		passive	W	271	0.3	EPD	100	79	114321	AK66957
South DeKalb	2021-01-28	0.76	2, LK	passive	NW	319	1.2	ERG	74	56	33493	1020518-01
South DeKalb	2021-01-28	0.26	2, 1, 6	ATEC	NW	319	1.2	ERG	74	56	SAT025	1020518-02
South DeKalb	2021-01-28	0.08		passive	NW	319	1.2	EPD	74	56	111205	AK67640
South DeKalb	2021-02-09	0.39	LK, 2	passive	ENE	60	0.1	ERG	100	84	SAT112	1021909-03
South DeKalb	2021-02-09	0.08		passive	ENE	60	0.1	EPD	100	84	114393	AK67642
South DeKalb	2021-02-15	0.19	1, 6	passive	E	94	0.9	ERG	100	99	35135	1022212-01
South DeKalb	2021-02-15	0.04	1, 6, VB, U	ATEC	E	94	0.9	ERG	100	99	2767	1022212-02
South DeKalb	2021-02-15	0.06		passive	E	94	0.9	EPD	100	99	114379	AK68474
South DeKalb	2021-02-21	0.12	1, 6	passive	SE	125	0.8	ERG	96	60	18828	1030511-01
South DeKalb	2021-02-21	0.22	1, 6	ATEC	SE	125	0.8	ERG	96	60	SAT092	1030511-02
South DeKalb	2021-02-21	0.26		passive	SE	125	0.8	EPD	96	60	114309	AK68475
South DeKalb	2021-02-21	0.57		passive	SE	125	0.8	EPD	96	60	SAT092	AK71360
South DeKalb	2021-02-27	0.08	1, 6	ATEC	E	90	0.4	ERG	100	91	33540	1030511-03
South DeKalb	2021-02-27	0.13	2	passive	E	90	0.4	ERG	100	91	SAT002	1030511-04
South DeKalb	2021-02-27	0.09		passive	E	90	0.4	EPD	100	91	114321	AK69585
South DeKalb	2021-02-27	0.50		passive	E	90	0.4	EPD	100	91	SAT002	AK71361
South DeKalb	2021-03-11	0.17	2, 1, 6	ATEC	SSE	162	0.2	ERG	91	66	A21056	1031637-01
South DeKalb	2021-03-11	0.22		passive	SSE	162	0.2	ERG	91	66	A21006	1031637-03
South DeKalb	2021-03-11	0.30		passive	SSE	162	0.2	EPD	91	66	114375	AK69587
South DeKalb	2021-03-17	0.05	2	passive	E	100	0.7	ERG	100	99	110314	1032327-01
South DeKalb	2021-03-17	0.07	1, 6	ATEC	E	100	0.7	ERG	100	99	9570	1032327-02
South DeKalb	2021-03-17	0.15		passive	E	100	0.7	EPD	100	99	114380	AK69588
South DeKalb	2021-03-23	0.11		passive	E	100	0.8	ERG	85	67	114366	1032613-01

South DeKalb	2021-03-23	0.14		passive	E	100	0.8	EPD	85	67	114321	AK71208
South DeKalb	2021-03-29	0.10	1, 6	ATEC	E	82	0.1	ERG	84	49	SAT061	1040132-01
South DeKalb	2021-03-29	0.07		passive	E	82	0.1	ERG	84	49	114322	1040132-02
South DeKalb	2021-03-29	0.36		passive	E	82	0.1	EPD	84	49	114378	AK71209
South DeKalb	2021-03-31	3.09	LK, 1, 6	ATEC	WSW	258	0.1	ERG	100	98	A21007	1040822-01
South DeKalb	2021-04-04	0.09		passive	W	281	0.3	ERG	100	58	18889	1040822-02
South DeKalb	2021-04-04	0.32		passive	W	281	0.3	EPD	100	58	114370	AK71210
South DeKalb	2021-04-07	0.12	1, 6	ATEC	SW	229	0.2	ERG	100	68	19284	1041341-01
South DeKalb	2021-04-10	0.31	LK	passive	SE	143	0.4	ERG	100	96	SAT073	1041341-02
South DeKalb	2021-04-10	0.10	2, 1, 6	ATEC	SE	143	0.4	ERG	100	96	SAT130	1041341-03
South DeKalb	2021-04-10	0.19		passive	SE	143	0.4	EPD	100	96	114350	AK72185
South DeKalb	2021-04-10	0.19		passive	SE	143	0.4	EPD	100	96	SAT130	AK74308
South DeKalb	2021-04-16	0.09		passive	S	182	0.1	ERG	77	56	9570	1042121-01
South DeKalb	2021-04-16	0.18	1, 6	ATEC	S	182	0.1	ERG	77	56	SAT020	1042121-02
South DeKalb	2021-04-16	0.34		passive	S	182	0.1	EPD	77	56	114360	AK72184
South DeKalb	2021-04-22	0.06	2	passive	WNW	290	0.2	ERG	96	56	18865	1042837-01
South DeKalb	2021-04-22	0.07	1, 6	ATEC	WNW	290	0.2	ERG	96	56	110322	1042837-02
South DeKalb	2021-04-22	0.26		passive	WNW	290	0.2	EPD	96	56	114309	AK72186
South DeKalb	2021-04-28	0.36	LK, D-F	passive	SSW	192	0.2	ERG	100	77	SAT018	1050525-01
South DeKalb	2021-04-28	0.56	LK, 1, 6, D-F	ATEC	SSW	192	0.2	ERG	100	77	SAT075	1050525-02
South DeKalb	2021-04-28	0.31		passive	SSW	192	0.2	EPD	100	77	111212	AK72188
South DeKalb	2021-05-04	0.68	LK, D-F, 2	passive	SSW	212	0.1	ERG	100	98	A21096	1051245-01
South DeKalb	2021-05-04	0.29	LK, 1, 6	ATEC	SSW	212	0.1	ERG	100	98	A21047	1051245-03
South DeKalb	2021-05-04	0.80		passive	SSW	212	0.1	EPD	100	98	A21047	AK77550
South DeKalb	2021-05-10	0.21		passive	W	278	0.4	ERG	100	92	18879	1051940-01
South DeKalb	2021-05-10	0.10	1, 6	ATEC	W	278	0.4	ERG	100	92	33235	1051940-03
South DeKalb	2021-05-10	0.23		passive	W	278	0.4	EPD	100	92	18879	AK77551
South DeKalb	2021-05-10	0.58		passive	W	278	0.4	EPD	100	92	33235	AK77552
South DeKalb	2021-05-16	0.13	1, 6	ATEC	SSW	205	0.2	ERG	100	70	19648	1052014-01
South DeKalb	2021-05-16	0.55		passive	SSW	205	0.2	ERG	100	70	19656	1052113-01
South DeKalb	2021-05-22	0.17	2	passive	SE	146	0.1	ERG	100	72	19288	1060326-02
South DeKalb	2021-05-22	0.26	1, 6	ATEC	SE	146	0.1	ERG	100	72	18873	1060326-03
South DeKalb	2021-05-22	0.62		passive	SE	146	0.1	EPD	100	72	101	AK73456
South DeKalb	2021-05-28	0.48	2	passive	SW	234	0.5	ERG	100	82	33507	1060416-01
South DeKalb	2021-05-28	0.16	1, 6, 2	ATEC	SW	234	0.5	ERG	100	82	114366	1060416-02
South DeKalb	2021-05-28	0.42		passive	SW	234	0.5	EPD	100	82	114309	AK75225
South DeKalb	2021-06-03	0.21		passive	WSW	238	0.1	ERG	97	76	110306	1060835-01
South DeKalb	2021-06-03	0.27		passive	WSW	238	0.1	EPD	97	76	114384	AK75226
South DeKalb	2021-06-05	0.15	1, 6	ATEC	SE	137	0.2	ERG	100	85	19649	1061035-02
South DeKalb	2021-06-07	0.23		passive				EPD	100	94	114360	AK75227
South DeKalb	2021-06-07	0.17		passive				EPD	100	94	114350	AK75228
South DeKalb	2021-06-09	0.17		passive	SSW	204	0.1	ERG	100	92	18824	1061822-01
South DeKalb	2021-06-09	0.09	1, 6	ATEC	SSW	204	0.1	ERG	100	92	19658	1061822-02
South DeKalb	2021-06-09	0.19		passive	SSW	204	0.1	EPD	100	92	GL065	AK75229
South DeKalb	2021-06-10	0.23		passive				EPD	100	96	114377	AK76054
South DeKalb	2021-06-15	0.30		passive	WNW	289	0.4	ERG	100	68	114340	1062364-01

South DeKalb	2021-06-15	0.13	1, 6	ATEC	WNW	289	0.4	ERG	100	68	114344	1062364-02
South DeKalb	2021-06-15	0.38		passive	WNW	289	0.4	EPD	100	68	110343	AK75230
South DeKalb	2021-06-16	0.21		passive				EPD	100	69	114345	AK76056
South DeKalb	2021-06-16	0.25		passive				EPD	100	69	117224	AK76057
South DeKalb	2021-06-21	0.08		ATEC	SW	235	0.4	ERG	100	92	19643	1062930-01
South DeKalb	2021-06-21	0.23		passive	SW	235	0.4	ERG	100	92	114348	1062930-02
South DeKalb	2021-06-21	0.18		passive	SW	235	0.4	EPD	100	92	111212	AK76932
South DeKalb	2021-06-22	0.34		passive				EPD	100	99	114328	AK76058
South DeKalb	2021-06-22	0.19		passive				EPD	100	99	114311	AK76059
South DeKalb	2021-06-27	0.28	LK	passive	ESE	120	0.4	ERG	100	83	A21107	1070114-01
South DeKalb	2021-06-27	0.19		ATEC	ESE	120	0.4	ERG	100	83	SAT037	1070114-02
South DeKalb	2021-06-27	0.14		passive	ESE	120	0.4	EPD	100	83	114321	AK76933
South DeKalb	2021-06-28	0.34		passive				EPD	100	81	114378	AK76934
South DeKalb	2021-06-28	0.15		passive				EPD	100	81	114375	AK76935
South DeKalb	2021-07-01	0.13		passive				EPD	100	82	114380	AK76937
South DeKalb	2021-07-01	0.29		passive				EPD	100	82	114384	AK77722
South DeKalb	2021-07-03	0.25	D-F	passive	W	272	0.1	ERG	100	98	A21035	1070816-01
South DeKalb	2021-07-03	0.14		ATEC	W	272	0.1	ERG	100	98	18817	1070816-03
South DeKalb	2021-07-03	0.17		passive	W	272	0.1	EPD	100	98	101	AK76936
South DeKalb	2021-07-09	0.23		passive	WNW	289	0.3	ERG	100	96	111211	1072323-01
South DeKalb	2021-07-09	0.16		ATEC	WNW	289	0.3	ERG	100	96	110308	1072323-03
South DeKalb	2021-07-15	0.56		passive	WNW	284	0.1	ERG	100	82	110314	1072323-02
South DeKalb	2021-07-15	0.17		ATEC	WNW	284	0.1	ERG	100	82	110252	1072323-04
South DeKalb	2021-07-15	0.90		passive	WNW	284	0.1	EPD	100	82	GL065	AK77725
South DeKalb	2021-07-21	0.60		passive	WSW	243	0.1	ERG	100	91	114366	1072939-01
South DeKalb	2021-07-21	0.13		ATEC	WSW	243	0.1	ERG	100	91	19643	1072939-02
South DeKalb	2021-07-21	0.90		passive	WSW	243	0.1	EPD	100	91	114360	AK77727
South DeKalb	2021-07-27	0.51		passive	SE	144	0.1	ERG	100	97	110305	1080437-01
South DeKalb	2021-07-27	0.22		ATEC	SE	144	0.1	ERG	100	97	35140	1080437-02
South DeKalb	2021-08-02	0.46	LK	passive	W	266	0.1	ERG	100	83	A21073	1080542-01
South DeKalb	2021-08-02	0.33		ATEC	W	266	0.1	ERG	100	83	35158	1080605-02
South DeKalb	2021-08-02	0.53		passive	W	266	0.1	EPD	100	83	110343	AK79849
South DeKalb	2021-08-08	0.31	I-02	passive	S	174	0.1	ERG	100	86	19668	1081128-01
South DeKalb	2021-08-08	0.31	D-F, LK	ATEC	S	174	0.1	ERG	100	86	A21076	1081128-02
South DeKalb	2021-08-08	0.59		passive	S	174	0.1	EPD	100	86	114342	AK79850
South DeKalb	2021-08-14	1.56	LK	passive	SSW	196	0.1	ERG	100	87	SAT039	1081922-01
South DeKalb	2021-08-14	0.19		ATEC	SSW	196	0.1	ERG	100	87	114344	1081922-02
South DeKalb	2021-08-20	0.67	LK	passive	W	280	0.2	ERG	100	90	A21051	1082708-01
South DeKalb	2021-08-20	0.29		ATEC	W	280	0.2	ERG	100	90	35134	1082708-02
South DeKalb	2021-08-20	0.26		passive	W	280	0.2	EPD	100	90	114321	AK82457
South DeKalb	2021-08-26	0.23		ATEC	SE	137	0.2	ERG	100	91	44	1090937-01
South DeKalb	2021-08-26	0.15		passive	SE	137	0.2	ERG	100	91	110308	1090937-03
South DeKalb	2021-08-26	0.21		passive	SE	137	0.2	EPD	100	91	114375	AK82458
South DeKalb	2021-09-01	0.12		ATEC	W	281	0.7	ERG	100	87	111211	1090937-02
South DeKalb	2021-09-01	0.22	LK	passive	W	281	0.7	ERG	100	87	A21072	1090937-04
South DeKalb	2021-09-01	0.19		passive	W	281	0.7	EPD	100	87	114380	AK82459

South DeKalb	2021-09-07	0.13		passive	E	94	0.1	ERG	100	96	9570	1091311-02
South DeKalb	2021-09-07	0.18		ATEC	E	94	0.1	ERG	100	96	110305	1091311-03
South DeKalb	2021-09-13	0.17		passive	W	278	0.1	ERG	100	85	114322	1092020-01
South DeKalb	2021-09-13	0.16		ATEC	W	278	0.1	ERG	100	85	114348	1092020-02
South DeKalb	2021-09-13	0.29		passive	W	278	0.1	EPD	100	85	110343	AK84722
South DeKalb	2021-09-19	1.69		passive	ESE	103	0.2	ERG	100	100	A21095	1092308-01
South DeKalb	2021-09-19	0.39		ATEC	ESE	103	0.2	ERG	100	100	35135	1092308-02
South DeKalb	2021-09-22	0.25		ATEC	W	270	0.2	ERG	100	91	19282	1092940-02
South DeKalb	2021-09-25	0.47	LK	passive	W	280	0.1	ERG	100	82	A21106	1092940-01
South DeKalb	2021-09-25	0.21	LK	ATEC	W	280	0.1	ERG	100	82	SAT061	1093009-01
South DeKalb	2021-09-25	0.33		passive	W	280	0.1	EPD	100	82	86335	AK84718
South DeKalb	2021-10-01	0.30		passive	SE	132	0.1	EPD	100	88	114377	AK84720
South DeKalb	2021-10-01	0.41		ATEC	SE	132	0.1	EPD	100	88	110343	AK87171
South DeKalb	2021-10-09	0.15		passive	NW	326	0	ERG	100	89	110305	1101516-01
South DeKalb	2021-10-09	0.11		ATEC	NW	326	0	ERG	100	89	110252	1101516-02
South DeKalb	2021-10-09	0.31		passive	NW	326	0	EPD	100	89	110327	AK87159
South DeKalb	2021-10-19	0.11		passive	SSW	193	0.1	ERG	100	81	19656	1102628-01
South DeKalb	2021-10-19	0.14		ATEC	SSW	193	0.1	ERG	100	81	18818	1102730-01
South DeKalb	2021-10-19	0.39		passive	SSW	193	0.1	EPD	100	81	GL065	AK87161
South DeKalb	2021-10-21	0.17	LK	passive	SSW	202	0.1	ERG	100	95	SAT062	1102730-02
South DeKalb	2021-10-21	0.36		passive	SSW	202	0.1	EPD	100	95	114320	AK87160
South DeKalb	2021-10-25	0.45	LK	ATEC	W	259	0.3	ERG	100	89	SAT025	1110507-01
South DeKalb	2021-10-25	0.29		passive	W	259	0.3	EPD	100	89	114368	AK87162
South DeKalb	2021-10-28	0.39	LK	ATEC	E	99	0.6	ERG	100	99	A21032	1110507-05
South DeKalb	2021-10-31	0.14		passive	WNW	286	0.5	ERG	100	90	A21025	1110507-03
South DeKalb	2021-10-31	0.39	LK	ATEC	WNW	286	0.5	ERG	100	90	A21069	1110507-06
South DeKalb	2021-10-31	0.12		passive	WNW	286	0.5	EPD	100	90	114353	AK88029

## Kruskal-Wallis and Wilcoxon Rank Sum Test Results

### Ethylene Oxide - Statistical Test Information

Kruskal-Wallis Test	
Sites Compared	Results
C2, C3, C4, C5, General Coffee, South DeKalb	chi-squared = 14.782, df = 5, p-value = 0.01133
S1, S2, S3, S4, General Coffee, South DeKalb	chi-squared = 5.908, df = 5, p-value = 0.3153
F1, F2, General Coffee, South DeKalb	chi-squared = 44.5, df = 3, p-value = 1.168e-09
F1 (after controls), General Coffee, South DeKalb	chi-squared = 2.9798, df = 2, p-value = 0.2254
F2 (after controls), General Coffee, South DeKalb	chi-squared = 4.2716, df = 2, p-value = 0.1181
C2, C3, C4, C5, General Coffee, South DeKalb (after controls)	chi-squared = 2.065, df = 5, p-value = 0.69
EPA, ERG, EPD Labs (all sites)	chi-squared = 0.73967, p-value = 0.6908
EPA, ERG, EPD Labs (South DeKalb only)	chi-squared = 4.8363, p-value = 0.08909

Follow-Up Wilcoxon Rank Sum Test for More Detail	
Sites Compared	p-value
F1 and F2	8.67E-04
F1 and General Coffee	0.002563
F2 and General Coffee	6.05E-08
F1 and South DeKalb	0.03003
F2 and South DeKalb	1.39E-08
General Coffee and South DeKalb	0.1255
C2 and C3	0.4097
C2 and C4	0.1734
C2 and C5	0.7272
C2 and General Coffee	0.01512
C2 and South DeKalb	0.197
C3 and C4	0.01866
C3 and C5	0.6841
C3 and General Coffee	0.06703
C3 and South DeKalb	0.751
C4 and C5	0.07653
C4 and General Coffee	7.87E-04
C4 and South DeKalb	0.008517
C5 and General Coffee	0.04273
C5 and South DeKalb	0.4706

### Null Codes, Qualifier Codes, and Informational Codes

<u>Null Codes</u>	<u>Description</u>
AA	Sample Pressure out of Limits
AB	Technician Unavailable
AC	Construction/Repairs in Area
AD	Shelter Storm Damage
AE	Shelter Temperature Outside Limits
AF	Scheduled but not Collected
AG	Sample Time out of Limits
AH	Sample Flow Rate out of Limits
AI	Insufficient Data (cannot calculate)
AJ	Filter Damage
AK	Filter Leak
AL	Voided by Operator
AM	Miscellaneous Void
AN	Machine Malfunction
AO	Bad Weather
AP	Vandalism
AQ	Collection Error
AR	Laboratory Error
AS	Poor Quality Assurance Results
AT	Calibration
AU	Monitoring Waived
AV	Power Failure
AW	Wildlife Damage

AX	Precision Check
AY	Q C Control Points (zero/span)
AZ	Q C Audit
BA	Maintenance/Routine Repairs
BB	Unable to Reach Site
BC	Multi-point Calibration
BD	Auto Calibration
BE	Building/Site Repair
BG	Missing ozone data not likely to exceed level of standard
BH	Interference/co-elution/misidentification
BI	Lost or damaged in transit
BJ	Operator Error
BK	Site computer/data logger down
BM	Accuracy check
BN	Sample Value Exceeds Media Limit
BR	Sample Value Below Acceptable Range
CS	Laboratory Calibration Standard
DA	Aberrant Data (Corrupt Files, Aberrant Chromatography, Spikes, Shifts)
DL	Detection Limit Analyses
FI	Filter Inspection Flag
MB	Method Blank (Analytical)
MC	Module End Cap Missing
SA	Storm Approaching

SC	Sampler Contamination
ST	Calibration Verification Standard
TC	Component Check & Retention Time Standard
TS	Holding Time Or Transport Temperature Is Out Of Specs.
XX	Experimental Data

<u>Qualifier Codes</u>	<u>Description</u>
1	Deviation from a CFR/Critical Criteria Requirement
2	Operational Deviation
3	Field Issue
4	Laboratory Issue
5	Outlier
6	QAPP Issue
7	Below Lowest Calibration Level
9	Negative value detected - zero reported
1V	Data reviewed and validated
CB	Values have been Blank Corrected
CC	Clean Canister Residue
CL	Surrogate Recoveries Outside Control Limits
DI	Sample was diluted for analysis
EH	Estimated; Exceeds Upper Range
FB	Field Blank Value Above Acceptable Limit
FX	Filter Integrity Issue



HT	Sample pick-up hold time exceeded
LB	Laboratory blank value above acceptable limit
LJ	Identification Of Analyte Is Acceptable; Reported Value Is An Estimate
LK	Analyte Identified; Reported Value May Be Biased High
LL	Analyte Identified; Reported Value May Be Biased Low
MD	Value less than MDL
MS	Value reported is 1/2 MDL substituted.
MX	Matrix Effect
ND	No Value Detected
NS	Influenced by nearby source
QX	Does not meet QC criteria
SQ	Values Between SQL and MDL
SS	Value substituted from secondary monitor
SX	Does Not Meet Siting Criteria
TB	Trip Blank Value Above Acceptable Limit
TT	Transport Temperature is Out of Specs.
V	Validated Value
VB	Value below normal; no reason to invalidate
W	Flow Rate Average out of Spec.
X	Filter Temperature Difference out of Spec.
Y	Elapsed Sample Time out of Spec.

<u>Inform Code</u>	<u>Description</u>
IA	African Dust
IB	Asian Dust
IC	Chem. Spills & Industrial Accidents
ID	Cleanup After a Major Disaster
IE	Demolition
IF	Fire – Canadian
IG	Fire - Mexico/Central America
IH	Fireworks
II	High Pollen Count
IJ	High Winds
IK	Infrequent Large Gatherings
IL	Other
IM	Prescribed Fire
IN	Seismic Activity
IO	Stratospheric Ozone Intrusion
IP	Structural Fire
IQ	Terrorist Act
IR	Unique Traffic Disruption
IS	Volcanic Eruptions
IT	Wildfire-U. S.
J	Construction

### Dates Controls Installed/Operated at Each Facility

Facility	Control Installed/Operated
BD - Covington	Dry Bed Scrubbers for fugitive emissions operational 3/31/2020
Sterigenics	Dry Bed Scrubbers for fugitive emissions operational upon Startup 4/8/2020
SSG	Dry Bed Scrubbers for back vents operational 1/18/2020; Fugitive controls dry bed scrubber startup 1/26/2021



**Richard E. Dunn, Director**

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404-656-4713

January 17, 2020

**MEMORANDUM**

To: File

From: DeAnna Oser, Ambient Monitoring Program Manager *DGO*

RE: Collocated Sampling Results for Ethylene Oxide

During the Ethylene Oxide (EtO) data study, multiple collocated samples have been collected and analyzed. These samples were sent to Eastern Research Group (ERG) for analysis. For each of the collocated pairs, the concentrations have been less than the 5x MDL (or  $0.226 \mu\text{g}/\text{m}^3$ ) for one or both of the collocated sample values. For the duplicate samples run in house at ERG, the values of the samples have also been less than 5x the MDL for one or both of the samples. Therefore, no determination of precision from the collocated samples nor the precision from the replicate sample (RPD) can be made.

Discussions with Julie Swift with ERG and Lew Winestock with OAQPS have confirmed that values less than 5x the MDL are too close to the noise spectrum for EtO. Therefore, we are able to quantify these values, but the TO-15 method has issues with sensitivity at this level. As the general trend of the collocated and duplicate samples have been similar and not unlike what EPA is seeing elsewhere, the data is valid.

DGO/do

# Memo Explaining Use of Stand-Alone Timers, Dated February 23, 2021



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY RESEARCH TRIANGLE PARK, NC 27711

OFFICE OF  
AIR QUALITY PLANNING  
AND STANDARDS

February 23, 2021

### MEMORANDUM

**SUBJECT:** Use of Stand-Alone Timers for Volatile Organic Compound (VOC) Sample Collection in Canisters

**FROM:** Greg Noah, QA Team Lead  
Air Quality Assessment Division, Ambient Air Monitoring Group

**TO:** EPA Regional Air Monitoring Contacts

EPA has received reports of issues with the use of stand-alone timers used for VOC sub-ambient sample collection. The issues involve potential leaks in the timer and/or sample flow controller that allow the sample canisters to drop to ambient pressure (0"Hg) during sampling and results in the invalidation of the sample. The invalidation requirement is consistent with direction in the National Air Toxics Trends Station Technical Assistance Document, Revision 3, Section 4.2.3.2.2 located here:

[https://www3.epa.gov/ttn/amtic/files/ambient/airtox/NATTS%20TAD%20Revision%203\\_FINAL%20October%202016.pdf](https://www3.epa.gov/ttn/amtic/files/ambient/airtox/NATTS%20TAD%20Revision%203_FINAL%20October%202016.pdf).

The most common sampling method for VOCs is to collect ambient air in canisters for subsequent analysis using EPA method TO-15/TO-15A. Two types of automated "all-in-one" sampling methods exist for VOC sampling. The first method is pressurized sampling where a mechanism pumps ambient air into the canister and automatically stops sampling at a user-defined time. The second method is sub-ambient sampling where the canister begins sampling under a vacuum and air is metered into a canister using a sampling device, again, stopping at a user specified time. Both sampler types are expensive, robust, electrically powered and must be operated within a shelter that is protected from the weather. The stand-alone timer is a cheaper option that is sometimes used in instances where the more robust samplers are cost prohibitive or other resources are not available. These timers are more affordable, battery powered, weatherproof and are easy to program. To set up a sample, a flow controller device is fitted to the top of the timer, and this assembly is then attached to the top of the sample canister. The apparatus is then placed on a stand outdoors where the timer is programmed to open and close at a user designed interval.

Historically, these timers have presented issues when used in VOC studies. In the School Air Toxics Monitoring Initiative conducted in 2009, the timers developed leaks within the timer unit itself and sampled air from within the timer enclosure. This resulted in qualification or

invalidation of some samples. Recently, ethylene oxide sampling studies involving timers have yielded similar issues resulting in the invalidation of data where final canister pressures fell to ambient pressure. In addition, temperature extremes experienced during these studies are suspected of impacting the functionality of the system.

There are several reasons why the stand-alone timer used with a flow control device may leak.

- Adding a timer creates more connections that can become loose and leak,
  - Timer to canister
  - Timer to flow controller
- Fittings in the flow controller assembly can become loose and leak,
- Leaks can occur within the timer unit itself,
- Contraction and expansion around the seals within the timer may create leaks in temperature extremes,
- Functionality of the timers degrade with low battery life.

If resources dictate that using stand-alone timers are the best option, EPA recommends the monitoring organization use experienced staff to conduct the sampling activities and exercise extreme caution and oversight. Due to the potential issues noted above, the following guidance should be considered prior to and during the study.

- Follow all directions in the vendor operating manual.
- Upon each sampling event, ensure all fittings (canister to timer, timer to flow controller, and flow controller fittings, particulate filter) are tight. Some fittings require an extra quarter turn after the fitting is finger tight. Consult tightening guidance of the fitting vendor.
- Leak test the sampling apparatus (canister, timer, and flow controller) every sampling run (procedure can be found in TO-15A).
- Leak check timer every 10 runs.
- Replace the batteries frequently.
- Conduct a flow check on the flow controller to ensure that vacuum (4 to 11 inches of Hg) will remain in the can following the sampling duration.
- Immediately report samples that end the sampling run at ambient pressure (0 inches of Hg) to the QA staff for corrective action.
- Train the operator to conduct the sampling and retrieval procedure properly and to be cognizant of issues, and potential issues, in the sampling system.

Following the above recommendations will not guarantee a successful sampling event, but it will greatly improve the success of collecting a valid sample. For questions, please contact me at [noah.greg@epa.gov](mailto:noah.greg@epa.gov).

cc: Richard Wayland, AQAD Division Director  
Kristen Benedict, AAMG Group Leader

Xi (Doris) Chen, AAMG Air Toxics Methods Lead



ENVIRONMENTAL PROTECTION DIVISION

**Richard E. Dunn, Director**

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April 22, 2021

**MEMORANDUM**

To: Karen Hays, Air Branch Chief *KH*

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: EPA's Technical Memo on the Use of Stand-Alone Timers for Volatile Organic Compound (VOC) Sample Collection in Canisters dated February 23, 2021

The Environmental Protection Agency (EPA) issued a technical memo on February 23, 2021 regarding the use of stand-alone timers for sampling volatile organic compounds (VOC) in canisters. These stand-alone timers are used with passive sampling systems that "pull" the sample into an evacuated canister when a valve is opened. The vacuum in the canister is filled at a constant rate by the ambient sample based on the calibration settings of the pressure regulator. The stand-alone timers are used to collect a 24-hour sample from midnight to midnight in locations without electricity. The Georgia Environmental Protection Division (GA EPD) has been utilizing these stand-alone timers for the ethylene oxide ambient air monitoring study since August of 2019.

EPA indicated in the February 23 memo that due to issues with potential leaks in the timer and/or sample flow controller that the sample validation results would be invalidated, consistent with the *National Ambient Toxics Trends Station (NATTS) Technical Assistance Document, Revision 3*. The memo goes on to state that "Recently, ethylene oxide sampling studies involving timers have yielded similar results resulting in the invalidation of the data where the final canister pressure fell to ambient pressure."

During the course of the ethylene oxide data study through the December 17 data set posted to date, GA EPD has collected over 1000 ethylene oxide samples using the passive samplers with the stand-alone timers. Fifty of these samples have been collocated samples collected side by side over the same time period. Almost half of these collocated samples resulted in at least one of the two samples at ambient pressure when collected. The overall percent differences in the ethylene oxide concentration for these paired samples do not appear to be statistically significant as compared to when neither sample was recovered with ambient pressure.

The laboratory analyzing the ethylene oxide samples for GA EPD is Eastern Research Group (ERG), which is the laboratory contracted by EPA for NATTS analyses. For other NATTS sampling using evacuated canisters, it has been indicated that ERG measures the receipt pressure using very precise, certified gauges which are more accurate than the gauges available for the passive sampling systems. If ERG determines that the canister has a vacuum using laboratory's more precise, certified gauge, the



sample will be analyzed for the ethylene oxide concentration in the canister. If the canister is at ambient pressure as measured by the laboratory instruments, the canister will be voided and not analyzed for ethylene oxide concentration. As of the GA EPD samples collected on February 23, 2021, the laboratory will use this more precise gauge to determine the pressure at receipt in the laboratory and the GA EPD samples will be handled in a manner consistent with the NATTS analyses from across the country.

As the purpose of the ethylene oxide study is to characterize the ambient concentrations, the data that fell outside the target range on the end pressure has been qualified, rather than voided. For the data collected from August 2019 through February 23, 2021 where the end pressure of the sample was at ambient pressure, the data set has been qualified to inform the end user of the data that the samples were recovered outside the target end pressure range. Samples recovered after February 23, 2021 that are at an ambient pressure will be validated using the laboratory measurement of the pressure.

GA EPD disagrees with EPA's determination that the ethylene oxide results for any sample that is recovered at ambient pressure should be voided. Therefore, the data reported in the final summary of the data collected throughout this study will present the data with and without the samples that were recovered at an ambient pressure.

If you have any questions, please let me know.

DGO/do



**Richard E. Dunn, Director**

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404-656-4713

April 26, 2021

**MEMORANDUM**

To: Farhana Yasmin, Ambient Monitoring Quality Assurance Manager *FY*

From: DeAnna Oser, Ambient Monitoring Program Manager *DGO*

RE: Methodology for applying the LK flag to the ethylene oxide study samples

A number of samples for the Ethylene Oxide study have been qualified by the laboratory as having a possible interference from ethylene oxide “growing” in the can in the presence of air. For consistent data handling, this memo will document the procedure utilized by the analytical laboratory to identify these samples which could potentially be biased high.

For each sample, the laboratory is evaluating the concentration determined. For any sample that is greater than 0.2 ppb, the previous two uses of that can will be evaluated (regardless of which agency used the can for collection). If the concentrations resulting from that canister are high as compared to the other samples taken on the same sample day in nearby areas, the can is marked with an LK Flag. The flag is then applied to that can for subsequent samples throughout the GA AAMP study.

Please note, however, that for each of the 5000 series, the LK flag has been applied regardless of the history of the canister concentrations as this series of cans has been identified as the series with the highest potential for contamination due to the “growth” within the canister.

The analytical laboratory has run a majority of the GA AAMP samples on the Gas Chromatograph/Mass Spectrometer which utilizes the DB-624 column. This column is more precise than the traditional DB-1 column and does not result in ethylene oxide being coeluded with other compounds. At times throughout the GA AAMP ethylene oxide study, the analytical laboratory utilized the older GC/MS which runs a DB-1 Column to ensure that our samples were analyzed as soon as possible. If the sample was analyzed on the DB-624 column and no coeluding compounds were detected, the LK flag was not applied to that sample, regardless of the can history.

If you have any questions, please let me know.

DGO/do

# Memo Regarding Effects of Canister Type on Background Concentrations, Dated May 7, 2021



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF RESEARCH AND DEVELOPMENT  
RESEARCH TRIANGLE PARK, NC 27711

May 7, 2021

## MEMORANDUM

**SUBJECT:** Effect of Canister Type on Background Ethylene Oxide Concentrations

**TO:** Richard Wayland, Director  
Air Quality Assessment Division, Office of Air Quality Planning and Standards

**FROM:** Lara Phelps, Director **LARA PHELPS** Digitally signed by LARA PHELPS  
Air Methods and Characterization Division, Center for Environmental Measurement and Modeling  
Date: 2021.05.07 14:12:07 -04'00'

The U.S. Environmental Protection Agency (EPA) National Air Toxics Trends Stations (NATTS) network and other state and local air monitoring agencies currently use EPA Methods TO-15 and TO-15A to quantify ethylene oxide (EtO) concentrations in ambient air. Recently, questions have been raised among the ambient air monitoring community regarding potential bias in ambient EtO measurements when using certain types of stainless-steel sample containers. Preliminary study results show this likely to be the case.

Researchers in the Office of Research and Development (ORD) have begun a study to investigate background EtO concentrations that may be observed in different types of specially prepared stainless-steel canisters typically used for TO-15/TO-15A sampling and analysis. Initial results indicate that silicon-ceramic lined canisters may be suitable for ambient EtO monitoring after sufficient canister qualification, whereas electropolished canisters may not be suitable. This determination is based on the elevated concentrations of EtO observed in humidified air samples stored in electropolished canisters as compared to the minimal concentrations observed in humidified air samples stored in silicon-ceramic coated canisters over a one-month storage period.

To make this assessment, ORD acquired a limited number of new commercially available stainless-steel canisters specifically manufactured for the purpose of ambient sampling and analysis of volatile organic compounds. Containers obtained for this study included both silicon-ceramic coated canisters from two vendors and electropolished canisters from one vendor. The canisters were initially cleaned using a canister cleaning method involving 20 cycles of pressurization/evacuation heated to ~70°C using humidified zero air, leak checked, and pressurized with humidified zero air following TO-15A guidelines for initial canister qualification. The laboratory-generated samples were analyzed by preconcentration/gas chromatography-mass spectrometry within one week and again after 4 – 5 weeks to evaluate changes in background EtO concentrations after typical laboratory holding periods.

Initial one-week results showed EtO concentrations in the samples stored in the silicon ceramic-lined canisters were below the method detection limit (MDL) for all samples, whereas EtO was measured at

detectable concentrations in all of the samples stored in electropolished canisters. After the 4 – 5 week holding period, the background EtO concentrations observed in the silicon-ceramic canisters were below the MDL for the majority of the samples. However, the EtO concentrations in the electropolished canisters had increased over the 4 – 5 week hold time by a factor of 7 to 10 times from the initial one-week values corresponding to EtO concentrations substantially higher than typical ambient EtO concentrations.

While results generated from this research effort are considered preliminary, these early findings indicate electropolished canisters may not be suitable for ambient EtO monitoring as they may contribute an unacceptably high positive EtO bias in ambient samples for sample holding periods longer than a few days. The silicon-ceramic coated canisters from the two vendors demonstrated better performance with lower EtO background concentrations overall. Regardless of canister type, it is recommended laboratories perform canister validation procedures outlined in TO-15A to confirm background EtO concentrations in specific canisters are within acceptable limits for typical laboratory sample hold times. ORD plans to continue this research effort to gain a better understanding of these ambient EtO interference issues and provide technical guidance on optimized methods to accurately measure EtO in ambient air.



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**Office of Air Quality Planning and Standards**

**Air Quality Assessment Division**

**Ambient Air Monitoring Group**

**Technical Note: The Ethylene Oxide (EtO) Canister Effect**

**5/25/2021**

The chemical mechanism of EtO formation and growth in a subset of canisters remains unclear and merits further investigation. The U.S. Environmental Protection Agency (EPA)'s Office of Air Quality Planning and Standards (OAQPS) is currently working collaboratively with the Office of Research and Development (ORD) and our national contract lab, as well as canister manufacturers, to better understand, mitigate, and resolve these canister EtO issues.

Evaluation of current measurement method TO-15, using canisters as the sampling media and Gas Chromatography/Mass Spectrometry (GC/MS) as the analytical instrument for EtO, has revealed positive sampling bias introduced by certain canisters to various degrees (see explainer document and EtO technical webinar slides here <https://www.epa.gov/hazardous-air-pollutants-ethylene-oxide/epas-work-understand-background-levels-ethylene-oxide>; <https://www.epa.gov/sites/production/files/2021-05/documents/eto-technical-webinar-041521-w-qandas.pdf>).

For those canisters with above detection level EtO concentrations, a continued formation and growth of EtO in the canisters (the EtO canister effect) was found in two sets of studies over time (within typical laboratory sample holding times) with humid air as the sample matrix. While examining for the EtO canister effect with different types of canisters, it was discovered that the canister inner surface lining characteristics play an important role in the EtO canister effect. Based on a cleanliness study recently conducted by EPA's ORD on small number of brand new canisters from multiple vendors (<https://www.epa.gov/sites/production/files/2021-05/documents/ord-eto-canister-background-memo-05072021.pdf>), canisters with a silicon-ceramic lined inner surface appear to be less affected by the EtO canister effect than those passivated with an electropolished inner surface for typical laboratory sample holding times (~30 days). In addition, further studies examining the EtO canister effect by our national contract lab for a variety of canister types (i.e., canister interior surfaces passivated with silicon-ceramic, electropolished and discontinued SUMMA linings) have revealed that even within the same type of canisters, some individual canisters exhibited distinctive characteristics not consistent with that particular canister type. Also, canister age and how thorough the canisters were cleaned before use were a factor in determining the extent of detectable EtO concentrations. Based on current understanding, the observed EtO



canister effect will generally diminish to some extent over time with multiple and repeated cleanings.

Further, certain aspects (e.g., canister blank certification) in method TO-15 might not be sufficient in identifying problematic canisters which are not appropriate for low concentration EtO sampling. However, the newly released TO-15A<sup>1</sup> method has updated requirements which are more relevant by using humidified zero air rather than nitrogen for canister zero certifications, as well as a more stringent cleanliness criterion ( $\leq 0.02$  ppbv per target VOC when a canister is filled to standard ambient pressure (101.3 kPa absolute or 14.7 psia)). Most importantly, appropriate and sufficient canister cleaning and canister blank certification processes will be necessary before any canisters should be put in use for ambient EtO sampling. Such processes will allow for a better understanding of representative EtO concentrations in ambient air using the canister-based GC/MS measurement technique.

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<sup>1</sup> Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially Prepared Canisters and Analyzed by Gas Chromatography–Mass Spectrometry (GC-MS) [https://www.epa.gov/sites/production/files/2019-12/documents/to-15a\\_vocs.pdf](https://www.epa.gov/sites/production/files/2019-12/documents/to-15a_vocs.pdf)