GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Ethylene Oxide Monitoring Report

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May 12, 2022

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
DQA	Data Quality Assessment
DQI	Data Quality Indicator
DQO	Data Quality Objectives
EPA	Environmental Protection Agency
EPD	Environmental Protection Division
ERG	Eastern Research Group
ESMB	Extraction Solvent Method Blank
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)
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
MB	Method Blank
MDL	Method Detection Limit
µg	Micrograms
µg/m3	Micrograms per Cubic Meter
µg/mL	Micrograms per Milliliter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
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
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
RRF	Relative Response Factor
RRT	Relative Retention Time
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. According to EPA, this has been the largest undertaking 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 latest NATA published in 2018 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. From August 2019 through May 2021, GA AAMP collected a total of 1,600 air samples to analyze for ethylene oxide, with 1,345 of those samples considered valid and usable (including quality assurance samples and field blanks), at a total of 22 sites. While GA AAMP continues collecting ethylene oxide data as of the date of this publication, 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.

After collecting samples for over a year and a half, 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 ($\mu g/m^3$). 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 the 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, and the EPD Lab on these issues. The Eastern Research Group (ERG) Laboratory 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.

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. 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 thirty percent (30%) 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[1] until 2018, EPA issued[2] 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 latest 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.[3]

Using more up-to-date information for the two sterilization facilities identified in the NATA, the Georgia Environmental Protection Division (GA EPD) modeled[4] 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.[5,6] 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.

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.[7] In August 2019, GA EPD committed to monitoring air quality in Covington, Georgia and Cobb County, Georgia[8] for ethylene oxide. That same month, GA EPD and EPA held joint open house and community meetings[9] in Cobb County and in

[1] The NATA released in 2002 used emissions data from 1996

[2] 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.

[3] 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.

[4] 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

[5] The Air Protection Branch's *Guideline for Ambient Impact Assessment of Toxic Air Pollutant Emissions*, revised May 2017

[6] BD also voluntarily installed additional air emission controls at their facility in Madison, Morgan County.

[7] The June 2019 sampling results were determined to be invalid due to issues at the EPA R4 Laboratory that analyzed the samples.

[8] Press release announcing monitoring, August 16, 2019

[9] https://www.epa.gov/hazardous-air-pollutants-ethylene-oxide/regional-information-ethylene-oxide

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 the 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*[10]. The maximum ground level concentration at the closest residences were 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[11] sampling technology utilized in the 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[12] in November 2020 from EPA to evaluate the passive sampling technology and other emerging methods[13] alongside the traditional pressurized[14] 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.

This report includes the ethylene oxide monitoring conducted from August 2019 through May 2021. A separate report on the data collected using the Community Scale Toxics Air Monitoring grant (April 2021 through October 2021) will be published and made available on the GA EPD webpage https://epd.georgia.gov/ethylene-oxide-information at a later date.

[10] https://epd.georgia.gov/air-protection-branch-technical-guidance-0/toxic-impact-assessment-guideline

[11] 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.

[12] 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.

[13] The evaluation of emerging technologies included the evaluation of a continuous ethylene oxide sampling system.

[14] 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[15] monitoring sites near BD, Sterigenics, and SSG, the 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[16]. Wind rose data from airports near each facility was assessed by the 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, the wind data from the Dobbins Air Reserve Base was used for the areas near the Sterigenics, 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. The 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[17].

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[18]. 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.

[15] 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)).
[16] How to Read a Wind Rose (epa.gov)
[17] 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).
[18] 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 Muncipal 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 ***Note: site location was discontinued due to unstable roof**
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 ***Note: site discontinued due to monitor being stolen**
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 the 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 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, the 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-May 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. Refer to Section 4.0 for more information on each sampling method. 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.

During the study, qualitative samples were taken at the South DeKalb site utilizing the passive sampling system as well as the pressurized[19] 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, the GA AAMP also collected 14 ethylene oxide samples with the pressurized[20] 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 may provide insight on the contribution of mobile sources to the ethylene oxide concentration measured at the South DeKalb site.

[19] The ATEC pressurized sampler was used at the South DeKalb site.
[20] The Xonteck 910 pressurized sampler was used at the Near Road 285 site.

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

The 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[21] sampler installed at the site.

Figure 14. General Coffee Site

The 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).

[21] 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) at the request of GA EPD.

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 over a year and a half. 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[22], for consistency in measurements.

To summarize, the 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.

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

[22] 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.

locations. Because community sampling is ongoing, specific information about sampling locations is not being released at this time.

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 (µg/m^3). The 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 two groups discussed below: passive samplers and pressurized samplers. 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*	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
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
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)

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. The 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.

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.

4.3 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 ≥+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 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 ≥+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. 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 ≥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.

4.4 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 the GA AAMP's QAPP.

Field blanks were collected for primary ethylene oxide samples once per month, as described in Section 4.3, for each of the community sampling areas (Covington, Cobb, and Fulton).

4.5 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.

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 analyzes the samples and summarizes the data as well as the corresponding QA/QC information in the ERG Laboratory Information Management System (LIMS) and sends a copy to the 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 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. 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 the 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 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). The GA AAMP performs the field activities, and the analytical laboratory conducts the analytical operations. As of March 2020, the Administrative Support no longer prints a hard copy of the data and files it in the Air Protection Branch files.

Figure 16. Flow Path of Integrated[23] Ethylene Oxide Data

[23] The term "Integrated" in this context means the samples are collected intermittently for a specified 24-hour timeframe.

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

Date	Action/Decision	Facility Info
June 2019	Sample taken at South DeKalb site	
August 2019	Sampling at South DeKalb begins	
September 2019	Sampling in Cobb and at General Coffee site begins	
October 2019	Sampling in Covington begins	
October 30, 2019 - November 15, 2019	Additional sites added in Covington to be used during accelerated sampling during facility shutdowns	
October 31, 2019 - March 2, 2020	Covington accelerated to 1-in-3 sampling during facility shutdowns: 10/30/19 – 11/8/19 and 2/22/20 – 3/2/20	
November 2019	ERG Ion to quantify ethylene oxide changed per EPA – data reprocessed by AAMP September 2019 - October 2019	
December 2019	Memo from EPA noting precision problems with low concentrations	
January 2020	Sampling in Fulton (F1 and F2) begins	SSG - Dry bed scrubbers for back vents operational 1/18/2020
January 2020	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	
March 2020	Collection of Entech (passive) and ATEC (pressurized) at South DeKalb for comparison purposes begins	
March 2020		BD-Covington Dry Bed Scrubbers for fugitive emissions installed 3/31/2020
April 2020	Additional controls operational in Covington	
April 2020	EPD Lab discovered high background levels in new sampling canisters and notifies EPA	
April 2020	Sterigenics resumes operation in Cobb County with additional controls	Sterigenics Dry Bed Scrubbers for fugitive emissions operational 4/8/2020
May 2020	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	
May 2020	Collection of 1-in-6 samples at SDK for EPD Lab analysis for Community Scale Grant sampling begins	
June 2020		BD-Covington Dry Bed Scrubbers for fugitive

		emissions installed 6/30/2020
August 2020	EPA confirmation on canister issues discovered by EPD Lab	
August 2020	Notice one canister in a particular series of canisters, SATXXX, values seem high for April	
September 2020	Dataset received with LK flags applied by ERG - began tracking canister issues – EPD requested ERG investigate canister histories	
September 2020	AMP requested assistance from EPA on Chromatogram review to ensure due diligence on results	
September 2020	EPD starts flagging S2 samples due to the sampling location being published in a local newspaper	
October 2020	EPA releases a fact sheet to public regarding issues discovered with canisters dated on 10/01/2020	
October 2020	Site F3 sampling equipment stolen on 10/31/2021 - Police report filed	
October 2020	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)	
November 2020	AAMP reviewed sampling procedures regarding ending sampling pressures	
November 2020	ERG began using humidified zero air for canister holding studies and discovered EtO 'growth' possibilities	
November 2020	Began flagging sample results with LK based on canister histories - based on September 2020 data received from ERG	
November 2020	Noted canister issues are per specific cans, not based on can series/manufacturer	
November 2020	AAMP/ERG discussion on possible smoke markers in samples - ERG screened samples and found no markers in samples	
November 2020	Standard operating procedures for Entech samplers updated for calibration verifications quarterly due to ending field pressure issues	
December 2020	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
January 2021	AAMP met with ERG to review flagging methodology	SSG - Fugitive controls dry bed scrubber startup 1/26/2021
February 2021	EPA held discussion on the use of timers for sample collection and previous issues in other studies (Feb 8, 2021)	
February 2021	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)	
March 2021	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	

March 2021	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.	
April 2021	AAMP released memo discussing canister flagging methodology	
May 2021	EPA/AAMP discussion on zero checking sampling units and proper flags to use on sample results.	

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 a 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[24]. 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 17, Table 7, and Figure 18 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.

[24] 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 18.

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	401	0.42	6.47
Covington	423	0.46	13.86
Fulton	190	0.80	5.91
General Coffee	1	0.43	0.43
NR 285	2	0.16	0.24
South DeKalb	104	0.42	3.76

Figure 17. Box and Whisker Plots of Concentration for Comparison with 0 inHg Pressure Canisters

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	331	0.42	6.47
Covington	350	0.48	13.86
Fulton	144	0.73	5.91
NR 285	2	0.16	0.24
South DeKalb	82	0.43	3.76

Figure 18. Box and Whisker Plots of Concentration for Comparison without 0 inHg Pressure Canisters

6.2 Potential Canister Contamination Issues

In April 2020, the GA EPD Laboratory discovered that there were high background levels of ethylene oxide in the new Entech silocans, which were the newest version of the canisters to be used for sampling for hazardous 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. The 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[25] air for canister holding studies and discovered ethylene oxide 'growth' possibilities[26]. 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.

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 µg/m^3 to 0.515 µg/m^3 during the study) were too close to the noise of the analytical analysis for an accurate determination of precision to be made[27]. 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 19 shows the differences between the primary and collocated samplers for the ethylene oxide data collected through May 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.

[25] Hydrocarbon-free

[26] 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.

[27] 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 µg/m^3 to 0.515 µg/m^3.

Figure 19. 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. 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 measure 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 specific site locations are not being released at the time of the publication of this report as the monitoring study is still ongoing.

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. Results were inconclusive and more collections have been scheduled.

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 May 2021. Therefore, 2020 is a complete calendar year, but 2019 and 2021 data are not complete calendar years of data.

Figure 20 and Figure 21 show the monthly averages from August 2019 through May 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 availablity of data from these sites.

Figure 20. Monthly Averages for Each Area, Including All Data

Figure 21. Monthly Averages for Each Area, without Questionable Canister Data

Figure 22 and Figure 23 show all the data that was collected from September 24, 2019 through May 28, 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). The 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 22. Data for Each Site, Including All Data

Figure 23. 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.

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 to the box and whisker plot.

Figure 24. Example of Box and Whisker Plot

7.1 Cobb Area Sites

These graphs are similar to the stacked dot graphs Figure 22 and Figure 23, 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 1st quartile (Q1 - 1.5 * IQR) or 1.5 times the IQR above the 3rd quartile (Q3 + 1.5 * IQR). The number of samples ('n') are listed in the legend on the right side of the graph.

Figure 25 shows the S sites and includes all of the data, while Figure 26 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 25. Box and Whisker Plot for Cobb County, Including All Data

Figure 26. Box and Whisker Plot for Cobb County, without Questionable Canister Data

Figure 27 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 $\mu g/m^3$ 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.

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 27. 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 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 95-99%[28] of the ethylene oxide present. 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.

[28] Based on preliminary testing and manufacturer's specifications. EPD is still evaluating the long-term control efficiency of these control devices.

Figure 28. Polar Plots of Cobb County Area Sites, Before Start-Up

Figure 29. 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 30. Box and Whisker Plot of S1 Before and After Start-Up

Figure 31. Box and Whisker Plot of S2 Before and After Start-Up

Figure 32. Box and Whisker Plot of S3 Before and After Start-Up

Figure 33. Box and Whisker Plot of S4 Before and After Start-Up

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	***p*-value**	**Average Before**	**Average After**	**Statistically Significant (Y or N)**
S1	0.86	0.39	0.42	N
S2	0.68	0.29	0.47	N
S3	0.047	0.29	0.53	Y
S4	0.51	0.37	0.41	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 0.44. 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 90th 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 34 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 (0.857 µg/m^3) at this site is below the 90th percentile value of 0.889 µg/m^3 over the area.

As shown in the wind rose figure for the S7 monitor with concentrations above the 90th percentile, 47 out of 48 valid hourly wind data were collected from the MGE monitor. More than 50% of the time, the winds blew from the east where the Sterigenics facility is located, and approximately 30% of the time the winds come from the southeast. During the sampling period when concentrations at the S7 site were below the 90th percentile, 289 out of 360 valid hourly wind data were collected and winds blew from the northwest

35% of the time and from the west 19% of the time. Figure 35 is the same as Figure 34 except that Figure 35 was developed excluding the questionable canister samples.

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
S1		
S2		
S3		

S4

S6

S7

Figure 34. Wind Speed and Wind Direction for the Cobb County Area Sites

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
S1		
S2		
S3		

S4

S6

S7

Figure 35. Wind Speed and Wind Direction for the Cobb County Area Sites, without Questionable Canister Data

In Figure 36 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 36, 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 36 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-Type	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
S1	95	0.41	2.58	0.74
S2	92	0.42	6.47	0.82
S3	97	0.46	2.51	0.47
S4	93	0.40	1.58	0.14
S6	7	0.26	0.86	0.79
S7	17	0.39	1.46	0.68

Figure 36. Graph of the S Sites Distances from Sterigenics

7.2 Covington Area Sites

The next two graphs are box and whisker plots. Figure 37 shows the C sites and includes all of the data, while Figure 38 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 37. Box and Whisker Plots for Covington Area, Including All Data

Figure 38. Box Whisker Plots for Covington Area, without Questionable Canister Data

Figure 39 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 µg/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 39. 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 40. Polar Plots for Covington Area Sites, Before Controls Installed

Figure 41. 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 42. Box and Whisker Plot of C2 Before and After Controls Installed

Figure 43. Box and Whisker Plot of C3 Before and After Controls Installed

Figure 44. Box and Whisker Plot of C4 Before and After Controls Installed

Figure 45. Box and Whisker Plot of C5 Before and After Controls Installed

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	0.53	0.42	0.68	N
C3	0.74	0.34	0.42	N
C4	0.19	0.64	0.46	N
C5	0.60	0.37	0.43	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. For the Kruskal-Wallis Test, all data collected at C2, C3, C4, and C5 were included. Based on the results of the Kruskal-Wallis Test applied, there is no statistically significant difference in the concentrations between any of these sites (C2, C3, C4, C5, South DeKalb and General Coffee). The *p*-value value for the Kruskal-Wallis Test applied to these sites is 0.18.

Figure 46 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 90th percentile value for C sites is 0.864 µg/m^3.

As shown in the with rose figure for the C7 monitor with concentrations above the 90th percentile, 68 out of 120 valid hourly wind data were collected from the CVC monitor. The greatest frequency (approximately 66%) 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 90th percentile, 241 out of 336 valid hourly wind data were collected and winds blew from the east 31% of the time and from the northwest 30% of the time. Figure 47 is same as Figure 46 except that Figure 47 was developed excluding the questionable canister samples. The more frequent (approximately 80%) northwesterly winds were observed without the questionable canister samples.

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
C2		
C3		
C4		

Figure 46. Wind Speed and Wind Direction for the Covington Area Sites

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
C2		
C3		
C4		

Figure 47. Wind Speed and Wind Direction for the Covington Area Sites, without Questionable Canister Data

In Figure 48 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 48, 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 48 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-Type	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
C2	102	0.55	13.86	0.53
C3	105	0.38	2.04	0.40
C4	99	0.49	2.19	0.37
C5	98	0.39	1.39	0.16
C7	19	0.53	1.67	0.21

Figure 48. 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 49 shows the F sites and includes all of the data, while Figure 50 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 49. Box and Whisker Plots for Fulton County Sites, Including All Data

Figure 50. Box and Whisker Plots for Fulton County Sites, without Questionable Canister Data

Figure 51 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^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. The higher ethylene oxide concentrations appear to be coming toward the samplers from the direction of the facility.

Figure 51. Polar Plots for Fulton County Area Sites, All Data

Figure 52. 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 53 and Figure 54, and likewise, since the F3 site was stolen during the study, it is not shown in Figure 55 and Figure 56. It is clear that the ethylene oxide concentrations were reduced (less red) after the controls were installed.

Figure 53. Polar Plots for Fulton County Area Sites, Before Controls Installed

Figure 54. Polar Plots for Fulton County Area Sites, Before Controls Installed, Zoomed on F1, F2, and F3 Sites

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

Figure 58. Box and Whisker Plot of F2 Before and After Controls Installed

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	0.00056	0.59	0.23	Y
F2	0.0000079	1.18	0.36	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 1.13×10^{-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 2.97×10^{-9}) and General Coffee (with a *p*-values of 6.56×10^{-7}). 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 0.037) and in the concentrations measured at the General Coffee site (with a Wilcoxon Rank Sum Test *p*-value of 0.027). The ethylene oxide concentrations measured at F1 and F2 also have a significant statistical difference with a Wilcoxon Rank Sum Test *p*-value of 9.97×10^{-5}. It should be noted that the Fulton County area data collected after the controls were installed includes only four months of data. When the F1 and F2 data collected during this timeframe (January 28 through May 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 0.64, and F2 compared to the South DeKalb and General Coffee sites had a Kruskal-Wallis Test *p*-value of 0.25.

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 90th percentile as its highest concentration (0.703 µg/m^3) which is lower than the 90th percentile value of 1.718 µg/m^3 over the area.

As shown in the wind rose figure for F2 monitor with concentrations above the 90th percentile, 227 out of 264 valid hourly wind data were collected from the FTY monitor. Approximately 38% of the time the winds came from the northwest where the SSG facility is located and approximately 30% of time the winds blew from the north. During the sampling period when concentrations at the F2 site were below the 90th percentile, 1,331 out of 1,584 valid hourly wind data were collected. The top three longest spokes are oriented in the southwest direction (28% of the time), northwest (27% of the time), and east (27% of

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

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
F1		
F2		
F3		

F4		

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

Site Name	Concentrations above the 90th Percentile	Concentrations below the 90th Percentile
F1		
F2		
F3		

F4		

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-Type	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)	Distance From Source (miles)
F1	78	0.51	2.17	0.44
F2	77	0.96	4.41	0.20
F3	13	2.71	5.91	0.07
F4	22	0.18	0.70	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 µg/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 were 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 90th percentile value for the South DeKalb site is 0.837 µg/m^3.

As shown in the wind rose figure for the South DeKalb monitor with concentrations above the 90th percentile, 264 out of 264 valid hourly wind data were collected from the SDK monitor. During this sampling period, the winds blew from the west approximately 29% of the time, from the east or northwest approximately 12% of the time, while rarely coming from the northeast (less than 2% of the time). During the sampling period when concentrations at the South DeKalb site were below the 90th percentile, 2231 out of 2232 valid hourly wind data were collected and winds blew most often from the west (approximately 20% of the time) and from the east 19% of the time. Figure 66 is same as Figure 65, except that Figure 66 was developed excluding the questionable canister samples.

Concentrations above the 90th Percentile	Concentrations below the 90th Percentile

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

Concentrations above the 90th Percentile	Concentrations below the 90th Percentile

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 90th percentile value for the NR-285 site is 0.373 µg/m^3.

As shown in the wind rose figure for the NR-285 monitor with concentrations above the 90th percentile, 48 out of 48 valid hourly wind data were collected from the SDK monitor. More than 20% of the time the winds blew from the southwest or south, approximately 7% of time the winds came from southeast, approximately 4% of the time the winds blew from west, and 44% of the time that winds stayed calm. During the sampling period when concentrations at the NR-285 site were below the 90th percentile, 240 out of 240 valid hourly wind data were collected and winds blew from the west 25% of the time. NR-285 monitoring site did not have any of the questionable canister samples.

Concentrations above the 90th Percentile	Concentrations below the 90th Percentile

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

Sample Average and Max Summary With All Data			
Site-Sampler-Type	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
South DeKalb ATEC	26	0.26	3.09
South DeKalb passive	104	0.42	3.76

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

Sample Average and Max Summary With All Data			
Site-Sampler-Type	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
South DeKalb ATEC	22	0.12	0.26
South DeKalb passive	62	0.37	3.76

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

7.5 General Coffee Site

The next two graphs are box and whisker plots. Figure 70 shows the South DeKalb and General Coffee sites and includes all of the data, while Figure 71 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 72 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 µg/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 70. Box and Whisker Plots for South DeKalb and General Coffee Sites, Including All Data

Figure 71. Box and Whisker Plots of South DeKalb and General Coffee Sites, without Questionable Canister Data

Figure 72. 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 73 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 90th percentile value for the General Coffee site is 0.887 µg/m^3.

As shown in the wind rose figure for the General Coffee monitor with concentrations above the 90th percentile, 95 out of 120 valid hourly wind data were collected from the DQH monitor. The most frequent wind direction was from the southwest (approximately 21% of the time), and the second most frequent wind direction was from the northwest which was approximately 19% of the time. During the sampling period when concentrations at the General Coffee site were below the 90th percentile, 763 out of 984 valid hourly wind data were collected and winds blew from the east 22% of the time and from the northeast 19% of the time. Figure 74 is the same as Figure 73 except that Figure 74 was developed excluding the questionable canister samples.

Concentrations above the 90th Percentile	Concentrations below the 90th Percentile

Figure 73. Wind Speed and Wind Direction for the General Coffee Site

Concentrations above the 90th Percentile	Concentrations below the 90th Percentile

Figure 74. Wind Speed and Wind Direction for the General Coffee Site, without Questionable Canister Data

7.6 All Sites

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

Figure 75 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 3rd (July-September) and 4th (October-December) quarters only and the 2021 dataset contains samples for the 1st (i.e., January-March) and partial 2nd (April-May) quarters only. For each year, quarterly average concentrations were higher in the 2nd and 3rd quarters than in the 1st and 4th quarters, respectively, except for values at NR-285 in 2020. In 2020, quarterly average concentrations in the 3rd quarter were higher than the 2nd quarter. Figure 76 is the same as Figure 75 except that Figure 76 only contains data without the questionable samples. After excluding the questionable samples, quarterly average concentrations in the 3rd quarter were higher than

the 2nd quarter in the areas around BD-Covington, the areas around SSG, and at the General Coffee site. Quarterly average concentrations in the 2nd quarter were higher than the 3rd quarter around Sterigenics and at the South DeKalb site. In addition, the 1st quarter average value around Sterigenics is slightly higher than the 2nd quarter average value.

Figure 75. Seasonal Averages by Calendar Quarter, Including All Data

Figure 76. 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 77 and Figure 78 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 77 and Figure 78 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 77. Annual Averages for Each Area

Figure 78. 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 79 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 80 is the same as Figure 79 except that Figure 80 excludes the questionable samples. Overall, Figure 80 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 79. Scatter Plots of Wind Speed (x-axis) and Concentration of Ethylene Oxide (y-axis) in Each Sampling Area, Including All Data

Figure 80. Scatter Plots of Wind Speed (x-axis) and Concentration of Ethylene Oxide (y-axis) in Each Sampling Area, Without Questionable Canister Data

8.0 National Comparison

Figure 81 and Table 16 show the nationwide averages of ethylene oxide and compare 2020 and 2021 data through May 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 81. 2020 and 2021 Nationwide Averages of Ethylene Oxide

Table 16. 2020 and 2021 Nationwide Averages of Ethylene Oxide

2020 (All Data)				
Year	EPA Region	State Name	Count of Sample Value	Average of Sample Value
2020	4	Georgia	58	0.32
2020	8	Colorado	54	0.22
2020	6	Oklahoma	26	0.18
2020	9	Arizona	85	0.16
2020	2	New Jersey	118	0.14
2020	4	Kentucky	93	0.14
2020	8	Utah	47	0.13
2020	7	Missouri	56	0.13
2020	5	Illinois	113	0.13
2020	5	Michigan	57	0.12
2020	9	California	62	0.08
2020	2	New York	674	0.07
2020	1	Massachusetts	208	0.06
2020	10	Washington	36	0.06
2020	1	Rhode Island	222	0.06
2020	4	Florida	111	0.05
2020	5	Wisconsin	59	0.01

2021 (All Data)				
Year	EPA Region	State Name	Count of Sample Value	Average of Sample Value
2021	9	Arizona	42	0.25
2021	6	Oklahoma	30	0.19
2021	4	Georgia	45	0.15
2021	2	New Jersey	107	0.15
2021	3	Pennsylvania	27	0.15
2021	7	Missouri	26	0.13
2021	8	Colorado	24	0.12
2021	4	Kentucky	122	0.09
2021	5	Illinois	59	0.09
2021	1	Massachusetts	114	0.08
2021	8	Utah	22	0.07
2021	5	Michigan	40	0.07
2021	1	Rhode Island	136	0.06
2021	2	New York	362	0.06
2021	5	Wisconsin	50	0.05
2021	10	Washington	27	0.05
2021	4	Florida	90	0.03

9.0 Summary and Conclusion

From August 2019 through May 2021, GA AAMP collected 1,345 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 (µg/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 0.0452 µg/m^3 to 0.515 µg/m^3 during the study) is higher than the acceptable risk limits of ethylene oxide in ambient air (0.02 µg/m^3) set by EPA. This can raise questions about the validity of the ethylene oxide concentrations that are detected 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, 31.4% of all samples collected, including quality assurance and field blanks, were impacted by this canister effect. As shown below in Table 17 and Table 18 and Figure 82 and Figure 83, 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 82 and Figure 83 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 17. 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)
Cobb	401	0.42	6.47
Covington	423	0.46	13.86
Fulton	190	0.80	5.91
General Coffee	46	0.39	2.78
NR 285	12	0.20	0.54
South DeKalb	104	0.42	3.76

Figure 82. Box and Whisker Plots of Averages of All Ethylene Oxide Data

Table 18. Table of Averages of Ethylene Oxide Data without Questionable Canister Data

Sample Average and Max Summary Excluding LK Flag Data			
Site	Count of Concentration (ug/m3)	Average of Concentration (ug/m3)	Max of Concentration (ug/m3)
Cobb	254	0.35	2.51
Covington	278	0.37	2.19
Fulton	135	0.69	5.91
General Coffee	28	0.27	1.07
NR 285	12	0.20	0.54
South DeKalb	62	0.37	3.76

Figure 83. 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 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 May 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.

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.

Due to the different sampling techniques used to collect ethylene oxide data nationwide and the flexibility allowed in the analytical method, there are questions about comparability of data in the EPA AQS database from agency to agency. The work that GA AAMP is conducting under the EPA Community Scales Air Toxics Monitoring Grant will evaluate some of the different types of sampling technologies. The work covered under the Community Scale Air Toxics Monitoring grant was conducted April 2021 through October 31, 2021. A report of that work will be published in a separate document.

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	Site-Sampler-Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Sample ID
C1	10/03/19		1.084			WNW	300	0.6	C1 passive	ERG	0.045184426	18865	4.00 inHg	9100922-01
C1	10/06/19		0.141			E	85	2.3	C1 passive	ERG	0.045184426	SAT145	3.1 inHg	9100922-05
C1	10/12/19		1.607		LK	WNW	290	1	C1 passive	ERG	0.045184426	5050	4.9 inHg	9101803-01
C1	10/18/19			AN					C1 passive	ERG		5142	0.0 inHg	9102507-02
C1	10/24/19			AF					C1 passive	ERG			Did not Collect	No sample ID possible
C1	10/27/19		2.566		LK, 2	WNW	290	2	C1 passive	ERG	0.045184426	5004	7.5 inHg	9103069-01
C1	10/30/19		0.349		2	SE	130	1.2	C1 passive	ERG	0.045184426	SAT014	6.2 inHg	9110118-01
C1	11/01/19		0.166			NW	320	1.9	C1 passive	ERG	0.045184426	A21046	5.0 inHg	9110553-01
C1	11/03/19		0.199		LK, 2	NW	320	0.6	C1 passive	ERG	0.045184426	5145	6.1 inHg	9110635-01
C1	11/05/19		0.113			NNE	30	0.6	C1 passive	ERG	0.045184426	SAT072	5.9 inHg	9110810-01
C1	11/08/19		0.410		2	NNW	330	1.9	C1 passive	ERG	0.045184426	19664	6.3 inHg	9111412-01
C1	11/13/19			AF		E	90	2	C1 passive				Did not Collect	No sample ID possible
C1	11/15/19		0.665		LK	NE	50	1.3	C1 passive	ERG	0.045184426	AZ50	5.5 inHg	9112026-01
C2	10/03/19		0.596		LK	WNW	300	0.6	C2 passive	ERG	0.045184426	N4102	5.1 inHg	9100922-02
C2	10/06/19		0.155			E	85	2.3	C2 passive	ERG	0.045184426	SAT177	4.8 inHg	9100922-06
C2	10/12/19			AF					C2 passive	ERG	0.0453	SAT147	VOID	9101803-04
C2	10/18/19		0.470		LK, 2	E	85	1.3	C2 passive	ERG	0.045184426	5082	0.0 inHg	9102507-04
C2	10/24/19			AF					C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/27/19		0.322		LK, 2	WNW	290	2	C2 passive	ERG	0.045184426	5117	7.6 inHg	9103069-02
C2	10/30/19		0.333			SE	130	1.2	C2 passive	ERG	0.045184426	SAT029	5.1 inHg	9110118-02
C2	11/01/19		0.219		LK	NW	320	1.9	C2 passive	ERG	0.045184426	SAT135	5.0 inHg	9110553-02
C2	11/03/19		0.240		LK	NW	320	0.6	C2 passive	ERG	0.045184426	A21096	5.5 inHg	9110716-01
C2	11/05/19		0.172		LK	NNE	30	0.6	C2 passive	ERG	0.045184426	SAT176	6.0 inHg	9110810-02
C2	11/08/19		0.046			NNW	330	1.9	C2 passive	ERG	0.045184426	110335	6.0 inHg	9111412-02
C2	11/13/19		0.174		LK	E	90	2	C2 passive	ERG	0.045184426	5082	5.9 inHg	9111509-01
C2	11/15/19		0.248		LK	NE	50	1.3	C2 passive	ERG	0.045184426	5069	6.0 inHg	9112026-02
C2	11/20/19		1.016		2	NNW	315	1	C2 passive	ERG	0.045184426	SAT063	6.1 inHg	9112711-01
C2	11/23/19		0.425		2	W	285	1.5	C2 passive	ERG	0.045184426	SAT069	15.8 inHg	9112711-02
C2	11/29/19		0.445		LK, 2	ENE	75	0.1	C2 passive	ERG	0.045184426	AZ43	7.4 inHg	9120610-01
C2	12/05/19		0.757		2	NW	315	0.9	C2 passive	ERG	0.045184426	2767	6.9 inHg	9121207-01
C2	12/08/19		0.192		LK, 2	E	90	3.3	C2 passive	ERG	0.045184426	18818	6.1 inHg	9121207-02
C2	12/11/19		0.050		LK, 2	NNW	335	2.7	C2 passive	ERG	0.045184426	19290	0.0 inHg	9121841-01
C2	12/14/19		0.405		LK, 2	WNW	290	2.3	C2 passive	ERG	0.045184426	5115	0.0 inHg	9121841-06
C2	12/17/19		0.211		2, LK	WNW	300	3.4	C2 passive	ERG	0.045184426	5033	0.0 inHg	9122019-01
C2	12/19/19		0.213		2	NNE	45	0.8	C2 passive	ERG	0.045184426	SAT070	0.0 inHg	0010322-01
C2	12/23/19			AN		ENE	70	5.1	C2 passive	ERG		SAT017	0.0 inHg	0010322-05
C2	12/31/19		0.291		LK	W	275	2.9	C2 passive	ERG	0.045184426	5045	1.0 inHg	0010717-01
C2	01/04/20			AF		WNW	290	4.3	C2 passive	ERG		18830	26.8 inHg	0010907-01
C2	01/07/20		0.490			WNW	285	2.8	C2 passive	ERG	0.045184426	SAT113	1.0 inHg	0011618-01
C2	01/10/20		0.374		2, LK	E	80	2.4	C2 passive	ERG	0.045184426	SAT050	0.0 inHg	0011423-04
C2	01/14/20			AF		NW	320	0.3	C2 passive	ERG		5081	26.2 inHg	0011705-01
C2	01/16/20		0.598			E	88	2.8	C2 passive	ERG	0.045184426	SAT156	3.5 inHg	0012927-01
C2	01/19/20		0.137		LK	NW	310	4.9	C2 passive	ERG	0.045184426	SAT138	2.5 inHg	0012317-01
C2	01/22/20		0.434		LK	ENE	75	1.7	C2 passive	ERG	0.045184426	5024	2.1 inHg	0012927-05
C2	01/25/20		0.844		LK	WNW	290	2.6	C2 passive	ERG	0.045184426	5132	2.3 inHg	0013008-01
C2	01/28/20		1.009		LK	NW	315	1.3	C2 passive	ERG	0.045184426	5083	3.5 inHg	0020524-01

C2	01/30/20		AA		ENE	75	1.5	C2 passive	ERG	0.045184426	5062	3.2 inHg	0020524-05
C2	02/03/20	0.334			WSW	245	0.6	C2 passive	ERG	0.045184426	19649	3.2 inHg	0021311-01
C2	02/09/20	0.703			E	80	1.3	C2 passive	ERG	0.045184426	SAT085	1.1 inHg	0021921-01
C2	02/15/20	0.148			E	92	0.4	C2 passive	ERG	0.045184426	18889	3.2 inHg	0022425-01
C2	02/21/20	0.481		LK	NE	45	0.5	C2 passive	ERG	0.045184426	5145	2.5 inHg	0022816-01
C2	02/27/20	0.407			NW	315	3.8	C2 passive	ERG	0.045184426	SAT008	1.6 inHg	0030604-01
C2	03/04/20	0.322		LK	NE	45	0.1	C2 passive	ERG	0.051510246	5100	4.8 inHg	0031012-01
C2	03/10/20	0.551			SW	240	0.6	C2 passive	ERG	0.051510246	SAT108	1.3 inHg	0031836-01
C2	03/16/20	0.089			E	85	2.8	C2 passive	ERG	0.051510246	18874	1.8 inHg	0032321-01
C2	03/22/20	0.360		LK	ENE	80	2.9	C2 passive	ERG	0.051510246	5136	1.6 inHg	0040115-01
C2	03/28/20	0.528		LK	WSW	245	1.1	C2 passive	ERG	0.051510246	5124	5.0 inHg	0040814-03
C2	04/03/20	0.331			NW	310	0.6	C2 passive	ERG	0.051510246	18885	1.8 inHg	0041001-01
C2	04/09/20	0.633		LK	WNW	290	3.3	C2 passive	ERG	0.051510246	5046	4.6 inHg	0041707-01
C2	04/15/20	0.737		LK	NW	315	2.9	C2 passive	ERG	0.051510246	AZ38	1.7 inHg	0042218-01
C2	04/21/20	1.309		LK, 2	WNW	285	2.2	C2 passive	ERG	0.051510246	5089	3.8 inHg	0050114-01
C2	04/27/20	0.983		2	NW	310	2.2	C2 passive	ERG	0.051510246	19656	2.6 inHg	0050615-01
C2	05/03/20	0.671		LK	W	270	1.2	C2 passive	ERG	0.051510246	5045	4.9 inHg	0051324-01
C2	05/09/20	0.293		LK	NW	310	2.1	C2 passive	ERG	0.051510246	5099	3.2 inHg	0051504-01
C2	05/15/20		BI		SSE	148	0.3	C2 passive	ERG		5141	4.1 inHg	0052848-01
C2	05/21/20	0.445		LK	NE	58	0.5	C2 passive	ERG	0.051510246	5017	2.9 inHg	0052918-03
C2	05/27/20	0.502			E	80	2.6	C2 passive	ERG	0.051510246	SAT160	3.5 inHg	0060508-01
C2	06/02/20	0.430		LK	SW	238	0.2	C2 passive	ERG	0.051510246	5072	3.9 inHg	0061042-01
C2	06/08/20		BI		ESE	120	1.1	C2 passive	ERG		SAT177	3.9 inHg	0061731-01
C2	06/14/20	0.508		LK, 2	ENE	70	1.2	C2 passive	ERG	0.051510246	SAT023	0.0 inHg	0061908-01
C2	06/20/20	1.037		LK	NNW	330	0.8	C2 passive	ERG	0.051510246	SAT028	3.2 inHg	0070602-01
C2	06/26/20	1.142		LK	WNW	285	2.2	C2 passive	ERG	0.051510246	5033	4.7 inHg	0070840-01
C2	07/02/20	0.275			NNW	335	1.2	C2 passive	ERG	0.051510246	19280	4.2 inHg	0070928-01
C2	07/08/20	0.821		LK	NE	45	0.6	C2 passive	ERG	0.051510246	5128	4.5 inHg	0071703-01
C2	07/14/20	0.725		LK	NW	320	0.2	C2 passive	ERG	0.051510246	SAT035	3.1 inHg	0072412-01
C2	07/20/20	0.286		2	E	80	0.1	C2 passive	ERG	0.051510246	18868	0.0 inHg	0072412-05
C2	07/26/20	13.863		LK	W	268	0.05	C2 passive	ERG	0.051510246	35158	3.1 inHg	0080534-01
C2	08/01/20	0.199		LK	SW	214	0.5	C2 passive	ERG	0.051510246	SAT053	2.1 inHg	0081410-01
C2	08/07/20	0.193			ENE	60	0.1	C2 passive	ERG	0.051510246	33533	1.9 inHg	0081410-05
C2	08/13/20		AF		S	190	0.1	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/19/20		AF		ESE	108	0.2	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/25/20		AF		ENE	67	0.3	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/31/20	0.154			W	278	0.1	C2 passive	ERG	0.051510246	19276	2.7 inHg	0090413-01
C2	09/06/20	0.135			ENE	64	0.2	C2 passive	ERG	0.051510246	33554	2.0 inHg	0091711-01
C2	09/12/20	0.452		LK	E	85	1.8	C2 passive	ERG	0.051510246	5014	4.1 inHg	0092335-01
C2	09/18/20	4.771		LK	NNW	30	0.8	C2 passive	ERG	0.051510246	35128	2.7 inHg	0093025-01
C2	09/24/20	0.280		LK	E	90	1.6	C2 passive	ERG	0.051510246	5101	2.1 inHg	0093025-05
C2	09/30/20	0.269		2	WNW	300	1	C2 passive	ERG	0.051510246	18820	0.0 inHg	0100833-01
C2	10/06/20	0.387			E	85	0.6	C2 passive	ERG	0.051510246	SAT080	1.8 inHg	0101528-01
C2	10/12/20		AF		WNW	285	0.6	C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/18/20	0.114			ENE	75	2.3	C2 passive	ERG	0.051510246	114340	1.0 inHg	0102916-01
C2	10/24/20	0.387			SSE	165	0.2	C2 passive	ERG	0.051510246	111219	2.9 inHg	0103006-01
C2	10/30/20	0.134			NW	310	4.1	C2 passive	ERG	0.051510246	33554	1.6 inHg	0111125-01
C2	11/05/20	0.213			ENE	65	1	C2 passive	ERG	0.051510246	SAT118	1.1 inHg	0111824-01

C2	11/11/20		0.195			E	80	0.2	C2 passive	ERG	0.051510246	18836	2.8 inHg	0111824-05
C2	11/17/20		0.282		LK	NW	315	3.4	C2 passive	ERG	0.051510246	A21069	1.5 inHg	0112513-01
C2	11/23/20		0.354			NW	315	2.3	C2 passive	ERG	0.051510246	SAT152	1.1 inHg	0120411-01
C2	11/29/20		0.000		VB	E	84	0.7	C2 passive	ERG	0.051510246	SAT015	3.9 inHg	0121016-01
C2	12/05/20		0.336		2	WNW	290	3.1	C2 passive	ERG	0.051510246	33540	0.0 inHg	0121104-01
C2	12/11/20		0.151			ESE	115	0.2	C2 passive	ERG	0.051510246	18870	2.6 inHg	0122326-01
C2	12/17/20		0.235		2, LK	WNW	295	3.5	C2 passive	ERG	0.051510246	35119	0.0 inHg	0123026-01
C2	12/23/20		0.096			E	92	1.7	C2 passive	ERG	0.051510246	110257	1.8 inHg	1010626-01
C2	12/29/20		0.184			ENE	75	0.8	C2 passive	ERG	0.051510246	114322	2.0 inHg	1011326-02
C2	01/04/21		0.186			WNW	295	1.2	C2 passive	ERG	0.051510246	A21028	1.7 inHg	1011326-06
C2	01/10/21		0.062			ENE	70	0.5	C2 passive	ERG	0.051510246	18824	1.2 inHg	1012127-01
C2	01/16/21		0.049		VB	WNW	285	2.3	C2 passive	ERG	0.051510246	19657	1.0 inHg	1012726-01
C2	01/22/21		0.365		2, LK	WNW	300	0.7	C2 passive	ERG	0.051510246	A21056	0.0 inHg	1012903-01
C2	01/28/21		0.313		LK	NW	315	5.6	C2 passive	ERG	0.051510246	A21033	1.8 inHg	1020519-01
C2	02/03/21		0.093		2	NW	310	3.6	C2 passive	ERG	0.047172541	110305	1.4 inHg	1021208-01
C2	02/03/21	QA	0.117		2	NW	310	3.6	C2 passive QA	ERG	0.047172541	110252	0.0 inHg	1021208-02
C2	02/09/21		0.365			ENE	65	0.6	C2 passive	ERG	0.047172541	SAT016	3.3 inHg	1021908-05
C2	02/15/21		0.079		2	E	85	2.4	C2 passive	ERG	0.047172541	19649	10.3 inHg	1022211-01
C2	02/21/21		0.091			ESE	105	2.1	C2 passive	ERG	0.047172541	33240	4.8 inHg	1030510-01
C2	02/27/21		0.122			ENE	70	1	C2 passive	ERG	0.047172541	19294	1.7 inHg	1031121-01
C2	03/05/21			AF		NNW	340	1.5	C2 passive	ERG	0.0472		Did not Collect	No sample ID possible
C2	03/11/21		0.287			S	185	0.6	C2 passive	ERG	0.047172541	18835	2.0 inHg	1031639-01
C2	03/17/21		0.143			E	85	1.5	C2 passive	ERG	0.047172541	110305	2.9 inHg	1032432-01
C2	03/23/21		0.137			E	80	2.3	C2 passive	ERG	0.047172541	111211	2.3 inHg	1040729-01
C2	03/29/21		0.300			N	0	1.6	C2 passive	ERG	0.047172541	A21042	1.9 inHg	1041343-03
C2	04/04/21		1.066		LK	WNW	285	0.8	C2 passive	ERG	0.047172541	SAT165	1.2 inHg	1042215-01
C2	04/10/21		0.515			SSE	160	1.1	C2 passive	ERG	0.047172541	A21012	1.9 inHg	1042215-05
C2	04/16/21		0.474			NE	45	0.7	C2 passive	ERG	0.047172541	A21005	2.0 inHg	1042933-01
C2	04/22/21		0.116		2	NNW	345	2	C2 passive	ERG	0.047172541	18868	0.0 inHg	1043022-01
C2	04/28/21		0.168			SSW	205	0.4	C2 passive	ERG	0.047172541	110335	4.1 inHg	1050523-01
C2	05/04/21		0.298		LK	W	265	1.2	C2 passive	ERG	0.047172541	SAT081	5.4 inHg	1051942-01
C2	05/10/21		0.694		LK, 2	WNW	290	1.3	C2 passive	ERG	0.047172541	A21071	7.2 inHg	1051942-05
C2	05/16/21		0.446			SW	225	0.4	C2 passive	ERG	0.047172541	33533	4.6 inHg	1060323-01
C2	05/22/21		0.437			ENE	70	0.5	C2 passive	ERG	0.047172541	18827	3.9 inHg	1060323-02
C2	05/28/21		0.230		LK	WSW	245	1.1	C2 passive	ERG	0.047172541	18868	4.7 inHg	1060415-01
C3	10/03/19		0.492			WNW	300	0.6	C3 passive	ERG	0.045184426	SAT033	6.0 inHg	9100922-03
C3	10/06/19		0.168		LK	E	85	2.3	C3 passive	ERG	0.045184426	A21069	5.5 inHg	9100922-07
C3	10/12/19		0.586		2	WNW	290	1	C3 passive	ERG	0.045184426	SAT166	6.5 inHg	9101803-02
C3	10/18/19		0.569			E	85	1.3	C3 passive	ERG	0.045184426	SAT084	3.8 inHg	9102507-01
C3	10/24/19		0.065			E	90	1.6	C3 passive	ERG	0.045184426	18869	5.5 inHg	9103069-03
C3	10/27/19		0.358		LK, 2	WNW	290	2	C3 passive	ERG	0.045184426	5069	7.1 inHg	9103069-04
C3	10/30/19		0.347			SE	130	1.2	C3 passive	ERG	0.045184426	18831	5.1 inHg	9110118-03
C3	11/01/19		0.129			NW	320	1.9	C3 passive	ERG	0.045184426	SAT155	3.8 inHg	9110553-03
C3	11/03/19		0.217			NW	320	0.6	C3 passive	ERG	0.045184426	44	5.0 inHg	9110635-02
C3	11/05/19			AF		NNE	30	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	11/08/19		0.372			NNW	330	1.9	C3 passive	ERG	0.045184426	SAT161	5.6 inHg	9111412-03
C3	11/13/19		0.502		LK	E	90	2	C3 passive	ERG	0.045184426	5132	5.8 inHg	9111509-02
C3	11/15/19		0.231			NE	50	1.3	C3 passive	ERG	0.045184426	19283	4.4 inHg	9112026-03
C3	11/20/19		0.577		LK, 2	NNW	315	1	C3 passive	ERG	0.045184426	5007	6.8 inHg	9112711-03
C3	11/23/19		0.286			W	285	1.5	C3 passive	ERG	0.045184426	SAT054	5.6 inHg	9112711-04

C3	11/29/19	0.293		LK	ENE	75	0.1	C3 passive	ERG	0.045184426	AZ45	5.6 inHg	9120610-02
C3	12/05/19	0.484		LK, 2	NW	315	0.9	C3 passive	ERG	0.045184426	5100	6.1 inHg	9121207-03
C3	12/08/19	0.178		LK	E	90	3.3	C3 passive	ERG	0.045184426	19663	4.8 inHg	9121207-04
C3	12/11/19	0.181		LK	NNW	335	2.7	C3 passive	ERG	0.045184426	AZ52	4.9 inHg	9121841-02
C3	12/14/19	0.228		LK	WNW	290	2.3	C3 passive	ERG	0.045184426	19293	4.2 inHg	9121841-07
C3	12/17/19	0.378		LK, 2	WNW	300	3.4	C3 passive	ERG	0.045184426	SAT164	7.1 inHg	9122019-02
C3	12/19/19	0.660		2	NNE	45	0.8	C3 passive	ERG	0.045184426	SAT122	0.0 inHg	0010322-02
C3	12/23/19		AF		ENE	70	5.1	C3 passive	ERG		SAT097	28.0 inHg	0010322-06
C3	12/31/19	0.089		2	W	275	2.9	C3 passive	ERG	0.045184426	SAT177	0.0 inHg	0010717-02
C3	01/04/20	0.117		2	WNW	290	4.3	C3 passive	ERG	0.045184426	19297	0.0 inHg	0010907-02
C3	01/07/20	0.488		2, LK	WNW	285	2.8	C3 passive	ERG	0.045184426	SAT038	0.0 inHg	0011423-01
C3	01/10/20	0.087			E	80	2.4	C3 passive	ERG	0.045184426	18824	2.9 inHg	0011423-05
C3	01/14/20	0.466		LK, 2	NW	320	0.3	C3 passive	ERG	0.045184426	SAT184	14.5 inHg	0011705-02
C3	01/16/20		AF		NW	320	2.8	C3 passive	ERG	0.04518	A22329	VOID	0012927-02
C3	01/19/20	0.470		LK, 2	NW	310	4.9	C3 passive	ERG	0.045184426	SAT185	0.0 inHg	0012317-02
C3	01/22/20	0.403		LK, 2	ENE	75	1.7	C3 passive	ERG	0.045184426	5108	0.0 inHg	0012927-06
C3	01/25/20	0.511		LK, 2	WNW	290	2.6	C3 passive	ERG	0.045184426	SAT110	0.0 inHg	0013117-01
C3	01/28/20	0.164			NW	315	1.3	C3 passive	ERG	0.045184426	18868	3.4 inHg	0020524-02
C3	01/30/20	0.167			ENE	75	1.5	C3 passive	ERG	0.045184426	19278	4.0 inHg	0021214-01
C3	02/03/20	0.084			WSW	245	0.6	C3 passive	ERG	0.045184426	19647	4.1 inHg	0021311-02
C3	02/09/20	0.540			E	80	1.3	C3 passive	ERG	0.045184426	SAT182	1.8 inHg	0021921-02
C3	02/15/20	0.287			E	92	0.4	C3 passive	ERG	0.045184426	SAT096	2.1 inHg	0022425-02
C3	02/21/20	0.490			NE	45	0.5	C3 passive	ERG	0.045184426	2527	1.2 inHg	0022816-02
C3	02/27/20	0.183		LK	NW	315	3.8	C3 passive	ERG	0.045184426	5103	3.0 inHg	0030604-02
C3	03/04/20	0.517			NE	45	0.1	C3 passive	ERG	0.051510246	SAT107	5.0 inHg	0031012-02
C3	03/10/20	0.093			SW	240	0.6	C3 passive	ERG	0.051510246	19298	2.9 inHg	0031836-02
C3	03/16/20	0.662			E	85	2.8	C3 passive	ERG	0.051510246	SAT013	3.2 inHg	0032321-02
C3	03/22/20	0.208		2	ENE	80	2.9	C3 passive	ERG	0.051510246	19641	2.1 inHg	0040115-02
C3	03/28/20	0.110			WSW	245	1.1	C3 passive	ERG	0.051510246	19649	5.3 inHg	0040814-02
C3	04/03/20	0.286			NW	310	0.6	C3 passive	ERG	0.051510246	18831	3.4 inHg	0041001-02
C3	04/09/20	0.155			WNW	290	3.3	C3 passive	ERG	0.051510246	18824	4.9 inHg	0041707-02
C3	04/15/20	0.405		LK, 2	NW	315	2.9	C3 passive	ERG	0.051510246	5145	0.0 inHg	0042218-02
C3	04/21/20	0.153		2	WNW	285	2.2	C3 passive	ERG	0.051510246	19665	3.6 inHg	0050114-02
C3	04/27/20	0.446			NW	310	2.2	C3 passive	ERG	0.051510246	SAT107	3.8 inHg	0050615-02
C3	05/03/20	0.284		LK	W	270	1.2	C3 passive	ERG	0.051510246	5105	5.9 inHg	0051324-02
C3	05/09/20	0.242			NW	310	2.1	C3 passive	ERG	0.051510246	SAT024	3.6 inHg	0051504-04
C3	05/15/20	0.853			SSE	148	0.3	C3 passive	ERG	0.051510246	SAT158	4.1 inHg	0052918-02
C3	05/21/20	0.147			NE	58	0.5	C3 passive	ERG	0.051510246	18836	3.6 inHg	0052918-04
C3	05/27/20	0.405		LK	E	80	2.6	C3 passive	ERG	0.051510246	5015	5.1 inHg	0060508-02
C3	06/02/20	0.495		LK	SW	238	0.2	C3 passive	ERG	0.051510246	5137	5.1 inHg	0061042-02
C3	06/08/20	0.566		LK	ESE	120	1.1	C3 passive	ERG	0.051510246	5115	5.3 inHg	0061731-02
C3	06/14/20	0.502			ENE	70	1.2	C3 passive	ERG	0.051510246	SAT123	4.8 inHg	0061908-02
C3	06/20/20	1.070			NNW	330	0.8	C3 passive	ERG	0.051510246	SAT114	4.9 inHg	0070602-02
C3	06/26/20	1.036		LK	WNW	285	2.2	C3 passive	ERG	0.051510246	5013	5.8 inHg	0070840-02
C3	07/02/20	0.267		LK, 2	NNW	335	1.2	C3 passive	ERG	0.051510246	5141	6.1 inHg	0070928-02
C3	07/08/20	0.754		LK	NE	45	0.6	C3 passive	ERG	0.051510246	5083	5.8 inHg	0071703-03
C3	07/14/20	0.524			NW	320	0.2	C3 passive	ERG	0.051510246	SAT096	4.9 inHg	0072412-02
C3	07/20/20	1.093		LK, 2	E	80	0.1	C3 passive	ERG	0.051510246	SAT026	0.0 inHg	0072725-01
C3	07/26/20	0.533			W	268	0.05	C3 passive	ERG	0.051510246	SAT015	2.9 inHg	0080534-02
C3	08/01/20	0.354		LK	SW	214	0.5	C3 passive	ERG	0.051510246	SAT149	3.1 inHg	0081410-02
C3	08/07/20	0.385			ENE	60	0.1	C3 passive	ERG	0.051510246	SAT100	2.0 inHg	0081325-01

C3	08/13/20			AF		S	190	0.1	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/19/20			AF		ESE	108	0.2	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/25/20			AF		ENE	67	0.3	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/31/20		0.302		2	W	278	0.1	C3 passive	ERG	0.051510246	A21026	0.0 inHg	0090413-02
C3	09/06/20		0.170			ENE	64	0.2	C3 passive	ERG	0.051510246	19298	1.9 inHg	0091631-01
C3	09/12/20		1.052		LK	E	85	1.8	C3 passive	ERG	0.051510246	5124	4.0 inHg	0092335-02
C3	09/18/20		0.633			NNW	30	0.8	C3 passive	ERG	0.051510246	SAT075	1.9 inHg	0093025-02
C3	09/24/20		0.133		2	E	90	1.6	C3 passive	ERG	0.051510246	19657	0.0 inHg	0093025-06
C3	09/30/20		0.136			WNW	300	1	C3 passive	ERG	0.051510246	18869	1.0 inHg	0100833-02
C3	10/06/20		1.081		LK	E	85	0.6	C3 passive	ERG	0.051510246	5027	2.3 inHg	0101528-02
C3	10/12/20			AF		WNW	285	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	10/18/20		0.103		2	ENE	75	2.3	C3 passive	ERG	0.051510246	AQL0397	0.0 inHg	0102916-02
C3	10/24/20		0.258			SSE	165	0.2	C3 passive	ERG	0.051510246	114336	2.3 inHg	0103006-02
C3	10/30/20		0.437		2	NW	310	4.1	C3 passive	ERG	0.051510246	A21081	0.0 inHg	0111125-02
C3	11/05/20		0.410		2, LK	ENE	65	1	C3 passive	ERG	0.051510246	SAT150	0.0 inHg	0111824-02
C3	11/11/20		0.127			E	80	0.2	C3 passive	ERG	0.051510246	18880	1.8 inHg	0111824-06
C3	11/17/20		0.079		2	NW	315	3.4	C3 passive	ERG	0.051510246	2767	0.0 inHg	0112513-02
C3	11/23/20		0.345		2, LK	NW	315	2.3	C3 passive	ERG	0.051510246	5089	0.0 inHg	0120411-02
C3	11/29/20		0.390			E	84	0.7	C3 passive	ERG	0.051510246	SAT016	1.1 inHg	0121016-02
C3	12/05/20		0.358		LK	WNW	290	3.1	C3 passive	ERG	0.051510246	5106	1.4 inHg	0121104-02
C3	12/11/20		0.211		LK	ESE	115	0.2	C3 passive	ERG	0.051510246	5072	2.8 inHg	0122326-02
C3	12/17/20		0.121		2	WNW	295	3.5	C3 passive	ERG	0.051510246	35160	0.0 inHg	0123026-02
C3	12/23/20		0.103			E	92	1.7	C3 passive	ERG	0.051510246	110258	1.3 inHg	1010626-02
C3	12/29/20		0.727			ENE	75	0.8	C3 passive	ERG	0.051510246	SAT099	2.3 inHg	1011326-03
C3	01/04/21		0.112			WNW	295	1.2	C3 passive	ERG	0.051510246	18880	1.7 inHg	1011326-07
C3	01/10/21		0.307		2	ENE	70	0.5	C3 passive	ERG	0.051510246	SAT173	0.0 inHg	1012127-02
C3	01/16/21		0.333		LK	WNW	285	2.3	C3 passive	ERG	0.051510246	AZ37	1.6 inHg	1012726-03
C3	01/22/21		0.703			WNW	300	0.7	C3 passive	ERG	0.051510246	SAT013	1.1 inHg	1012903-02
C3	01/28/21		0.186			NW	315	5.6	C3 passive	ERG	0.051510246	44	1.8 inHg	1020519-02
C3	02/03/21		0.000		ND, U	NW	310	3.6	C3 passive	ERG	0.047172541	110258	1.5 inHg	1021208-03
C3	02/09/21		0.164			ENE	65	0.6	C3 passive	ERG	0.047172541	SAT117	3.1 inHg	1021908-01
C3	02/09/21	QA	0.405			ENE	65	0.6	C3 passive QA	ERG	0.047172541	SAT097	2.1 inHg	1021908-02
C3	02/15/21			BI		E	85	2.4	C3 passive	ERG	0.0472	SAT020	2.5 inHg	1022211-02
C3	02/21/21		0.064			ESE	105	2.1	C3 passive	ERG	0.047172541	18876	2.0 inHg	1030510-02
C3	02/27/21		0.199			ENE	70	1	C3 passive	ERG	0.047172541	SAT151	1.3 inHg	1031121-02
C3	03/05/21			AF		NNW	340	1.5	C3 passive	ERG	0.0472		Did not Collect	No sample ID possible
C3	03/11/21		0.152			S	185	0.6	C3 passive	ERG	0.047172541	19279	3.9 inHg	1031639-02
C3	03/17/21		0.105			E	85	1.5	C3 passive	ERG	0.047172541	114344	3.2 inHg	1032432-02
C3	03/23/21		0.349		LK	E	80	2.3	C3 passive	ERG	0.047172541	A21047	2.3 inHg	1040824-01
C3	03/29/21		0.081			N	0	1.6	C3 passive	ERG	0.047172541	19646	2.4 inHg	1041343-05
C3	04/04/21		2.042		2	WNW	285	0.8	C3 passive	ERG	0.047172541	18825	0.0 inHg	1042215-02
C3	04/10/21		0.116		2	SSE	160	1.1	C3 passive	ERG	0.047172541	110258	10.1 inHg	1042215-06
C3	04/16/21		0.273		LK, 2	NE	45	0.7	C3 passive	ERG	0.047172541	SAT157	6.9 inHg	1042933-02
C3	04/22/21			AA		NNW	345	2	C3 passive	ERG		19650	VOID	1050321-01
C3	04/28/21		0.108			SSW	205	0.4	C3 passive	ERG	0.047172541	110306	4.9 inHg	1050523-02
C3	05/04/21		0.108			W	265	1.2	C3 passive	ERG	0.047172541	110257	4.7 inHg	1051942-02
C3	05/10/21		0.188			WNW	290	1.3	C3 passive	ERG	0.047172541	33534	4.2 inHg	1051942-06

C3	05/16/21		0.810			SW	225	0.4	C3 passive	ERG	0.047172541	A21000	4.2 inHg	1060323-03
C3	05/22/21		1.952		LK	ENE	70	0.5	C3 passive	ERG	0.047172541	SAT088	3.0 inHg	1060323-04
C3	05/28/21		0.138		LK	WSW	245	1.1	C3 passive	ERG	0.047172541	33266	5.1 inHg	1060415-02
C4	10/03/19		1.880			WNW	300	0.6	C4 passive	ERG	0.045184426	18869	5.1 inHg	9100922-04
C4	10/06/19		1.650		LK	E	85	2.3	C4 passive	ERG	0.045184426	N4088	4.8 inHg	9100922-08
C4	10/12/19		0.000		U, ND	WNW	290	1	C4 passive	ERG	0.045184426	SAT016	2.9 inHg	9101803-03
C4	10/18/19		0.761			E	85	1.3	C4 passive	ERG	0.045184426	SAT106	3.5 inHg	9102507-03
C4	10/24/19		2.187			ENE	90	1.6	C4 passive	ERG	0.045184426	A21036	4.1 inHg	9103069-05
C4	10/27/19		0.190			WNW	290	2	C4 passive	ERG	0.045184426	A21077	5.1 inHg	9103069-06
C4	10/30/19		0.331			SE	130	1.2	C4 passive	ERG	0.045184426	18833	4.9 inHg	9110118-04
C4	10/30/19	QA	0.174		2	SE	130	1.2	C4 passive QA	ERG	0.045184426	18865	7.0 inHg	9110118-05
C4	11/01/19		0.061			NW	320	1.9	C4 passive	ERG	0.045184426	19642	2.0 inHg	9110553-04
C4	11/03/19		0.176			NW	320	0.6	C4 passive	ERG	0.045184426	A21101	2.6 inHg	9110635-03
C4	11/05/19		0.184			NNE	30	0.6	C4 passive	ERG	0.045184426	SAT074	3.0 inHg	9110810-03
C4	11/08/19		0.165			NNW	330	1.9	C4 passive	ERG	0.045184426	SAT138	3.9 inHg	9111412-04
C4	11/13/19			AR		E	90	2	C4 passive	ERG		SAT039	0.0 inHg	9111509-04
C4	11/15/19		0.153		2	NE	50	1.3	C4 passive	ERG	0.045184426	18877	0.0 inHg	9112026-04
C4	11/20/19		0.998			NNW	315	1	C4 passive	ERG	0.045184426	SAT091	3.4 inHg	9112711-05
C4	11/23/19		0.481		2	W	285	1.5	C4 passive	ERG	0.045184426	19649	12.2 inHg	9112711-06
C4	11/29/19			AN					C4 passive	ERG		5079	VOID	9120610-03-REVIEW
C4	11/29/19			AN		ENE	75	0.1	C4 passive	ERG		5079	29.3 inHg	9120610-03
C4	12/05/19		0.913		LK, 2	NW	315	0.9	C4 passive	ERG	0.045184426	SAT089	0.0 inHg	9121207-05
C4	12/08/19		0.549		2	E	90	3.3	C4 passive	ERG	0.045184426	SAT039	0.0 inHg	9121207-06
C4	12/11/19		0.305		2	NNW	335	2.7	C4 passive	ERG	0.045184426	A21039	0.0 inHg	9121841-03
C4	12/11/19	QA	0.172		2	NNW	335	2.7	C4 passive QA	ERG	0.045184426	A21055	0.0 inHg	9121841-04
C4	12/14/19		0.195		LK, 2	WNW	290	2.3	C4 passive	ERG	0.045184426	5137	0.0 inHg	9121841-08
C4	12/17/19		0.192		LK, 2	WNW	300	3.4	C4 passive	ERG	0.045184426	SAT012	0.0 inHg	9122019-03
C4	12/19/19		0.277		2	NNE	45	0.8	C4 passive	ERG	0.045184426	SAT166	0.0 inHg	0010322-03
C4	12/23/19			AN		ENE	70	5.1	C4 passive	ERG		A21076	0.0 inHg	0010322-07
C4	12/31/19		0.129		2	W	275	2.9	C4 passive	ERG	0.045184426	SAT170	0.0 inHg	0010717-03
C4	01/04/20		0.251		2	WNW	290	4.3	C4 passive	ERG	0.045184426	A21005	0.0 inHg	0010907-03
C4	01/07/20		0.183		2, LK	WNW	285	2.8	C4 passive	ERG	0.045184426	SAT018	0.0 inHg	0011423-02
C4	01/10/20		0.656			E	80	2.4	C4 passive	ERG	0.045184426	SAT011	2.1 inHg	0011423-06
C4	01/14/20			AF		NW	320	0.3	C4 passive	ERG		18822	25.1 inHg	0011705-03
C4	01/16/20			AF		NW	320	2.8	C4 passive	ERG		18832	VOID	0012927-03
C4	01/19/20		0.327		2, LK	NW	310	4.9	C4 passive	ERG	0.045184426	A21067	0.0 inHg	0012317-03
C4	01/22/20		0.781		2	ENE	75	1.7	C4 passive	ERG	0.045184426	19656	6.8 inHg	0012927-07
C4	01/22/20	QA	1.007		2	ENE	75	1.7	C4 passive QA	ERG	0.045184426	SAT020	0.0 inHg	0012927-08
C4	01/25/20			AA		WNW	290	2.6	C4 passive	ERG	0.045184426	18879	6.9 inHg	0013117-02
C4	01/28/20		0.546		2	NW	315	1.3	C4 passive	ERG	0.045184426	SAT081	7.8 inHg	0020524-03
C4	01/30/20		0.613		2	ENE	75	1.5	C4 passive	ERG	0.045184426	A21102	8.4 inHg	0020524-06
C4	02/03/20		0.173		2	WSW	245	0.6	C4 passive	ERG	0.045184426	33535	8.2 inHg	0021311-03
C4	02/09/20		0.965		2	E	80	1.3	C4 passive	ERG	0.045184426	SAT140	6.2 inHg	0021921-03
C4	02/15/20		0.855		LK, 2	E	92	0.4	C4 passive	ERG	0.045184426	5089	0.0 inHg	0022425-03
C4	02/15/20	QA	0.824			E	92	0.4	C4 passive QA	ERG	0.045184426	SAT036	2.0 inHg	0022108-01
C4	02/21/20		0.710		LK, 2	NE	45	0.5	C4 passive	ERG	0.045184426	5101	0.0 inHg	0022816-03
C4	02/27/20		0.164		2, LK	NW	315	3.8	C4 passive	ERG	0.045184426	A21036	7.8 inHg	0030604-03
C4	03/04/20		0.645		LK, 2	NE	45	0.1	C4 passive	ERG	0.051510246	5006	9.6 inHg	0031012-03
C4	03/10/20		0.385		LK, 2	SW	240	1.4	C4 passive	ERG	0.051510246	SAT035	7.8 inHg	0031836-03
C4	03/16/20		1.045		2	ENE	85	6.1	C4 passive	ERG	0.051510246	A21103	7.8 inHg	0032321-03
C4	03/22/20		1.016		LK, 2	ENE	80	2.8	C4 passive	ERG	0.051510246	5114	8.1 inHg	0040115-03

C4	03/22/20	QA	0.790			ENE	80	2.8	C4 passive QA	ERG	0.051510246	A22330	1.2 inHg	0040115-04
C4	03/28/20		0.436		2	WSW	245	1.1	C4 passive	ERG	0.051510246	SAT155	9.8 inHg	0040814-05
C4	04/03/20		0.165		2	NW	310	0.6	C4 passive	ERG	0.051510246	19279	8.2 inHg	0041001-03
C4	04/09/20		0.560		2	WNW	290	3.3	C4 passive	ERG	0.051510246	SAT114	9.5 inHg	0041707-03
C4	04/09/20	QA	0.333			WNW	290	3.3	C4 passive QA	ERG	0.051510246	SAT144	3.6 inHg	0041707-04
C4	04/15/20		0.289		2	NW	315	2.9	C4 passive	ERG	0.051510246	SAT089	7.8 inHg	0042218-03
C4	04/21/20		0.676		2	WNW	285	2.2	C4 passive	ERG	0.051510246	A21067	8.1 inHg	0050114-03
C4	04/21/20	QA	0.439		2	WNW	285	2.2	C4 passive QA	ERG	0.051510246	49	1.6 inHg	0050114-04
C4	04/27/20		0.093		6, 2	NW	310	2.2	C4 passive	ERG	0.051510246	19648	8.2 inHg	0050615-03
C4	05/03/20			AA		W	270	1.2	C4 passive	ERG	0.051510246	19663	9.7 inHg	0051324-03
C4	05/09/20		0.712		2	NW	310	2.1	C4 passive	ERG	0.051510246	A22304	0.0 inHg	0051504-05
C4	05/09/20			AA		NW	310	2.1	C4 passive	ERG	0.051510246	A21069	VOID	0051504-02
C4	05/15/20			AA		SSE	148	0.3	C4 passive	ERG	0.051510246	18828	8.7 inHg	0052848-02
C4	05/21/20			AN		NE	58	0.5	C4 passive	ERG		SAT009	19.8 inHg	0052918-05
C4	05/27/20		0.258		2	E	80	2.6	C4 passive	ERG	0.051510246	19340	8.9 inHg	0060508-03
C4	06/02/20		0.891		2	SW	238	0.2	C4 passive	ERG	0.051510246	SAT127	8.8 inHg	0061042-03
C4	06/08/20		0.197		2	ESE	120	1.1	C4 passive	ERG	0.051510246	18872	9.2 inHg	0061731-03
C4	06/08/20	QA	0.349		2	ESE	120	1.1	C4 passive QA	ERG	0.051510246	SAT171	7.9 inHg	0061731-04
C4	06/14/20		0.866		2	ENE	70	1.2	C4 passive	ERG	0.051510246	SAT012	9.0 inHg	0061908-03
C4	06/20/20		0.727		2	NNW	330	0.8	C4 passive	ERG	0.051510246	35131	9.0 inHg	0070602-03
C4	06/26/20		0.354		LK, 2	WNW	285	2.2	C4 passive	ERG	0.051510246	5094	9.9 inHg	0070840-03
C4	07/02/20		0.240		2	NNW	335	1.2	C4 passive	ERG	0.051510246	18833	9.5 inHg	0070928-03
C4	07/08/20		1.435		2	NE	45	0.6	C4 passive	ERG	0.051510246	SAT170	9.1 inHg	0071703-02
C4	07/08/20	QA	0.146		2	NE	45	0.6	C4 passive QA	ERG	0.051510246	19645	7.0 inHg	0071703-05
C4	07/14/20		0.211		2	NW	320	0.2	C4 passive	ERG	0.051510246	19646	8.9 inHg	0072412-03
C4	07/20/20		0.390		2	E	80	0.1	C4 passive	ERG	0.051510246	33314	0.0 inHg	0072412-06
C4	07/26/20		1.515			W	268	0.05	C4 passive	ERG	0.051510246	A21086	2.0 inHg	0080534-03
C4	08/01/20		0.987		LK	SW	214	0.5	C4 passive	ERG	0.051510246	5009	5.4 inHg	0081410-03
C4	08/07/20		0.636			ENE	60	0.1	C4 passive	ERG	0.051510246	SAT004	3.9 inHg	0081410-06
C4	08/07/20	QA	0.293			ENE	60	0.1	C4 passive QA	ERG	0.051510246	19641	3.1 inHg	0081325-02
C4	08/13/20		0.165			S	190	0.1	C4 passive	ERG	0.051510246	33236	4.0 inHg	0082118-01
C4	08/19/20			AN		ESE	108	0.2	C4 passive	ERG		SAT181	29.7 inHg	0082742-01
C4	08/25/20		0.551		LK	ENE	67	0.3	C4 passive	ERG	0.051510246	5045	4.1 inHg	0090239-01
C4	08/31/20		0.511			W	278	0.1	C4 passive	ERG	0.051510246	A22328	3.9 inHg	0090413-03
C4	09/06/20		0.712		2	ENE	64	0.2	C4 passive	ERG	0.051510246	A21106	0.0 inHg	0091631-02
C4	09/12/20		0.987		LK, D-F	E	85	1.8	C4 passive	ERG	0.051510246	5079	5.9 inHg	0092335-03
C4	09/12/20	QA	2.693		D-F, LK	E	85	1.8	C4 passive QA	ERG	0.051510246	SAT150	2.6 inHg	0092335-05
C4	09/18/20		0.264			NNW	30	0.8	C4 passive	ERG	0.051510246	A21039	3.9 inHg	0093025-03
C4	09/24/20		0.201			E	90	1.6	C4 passive	ERG	0.051510246	A21074	3.2 inHg	0093025-07
C4	09/30/20		0.140			WNW	300	1	C4 passive	ERG	0.051510246	2527	2.9 inHg	0100833-03
C4	10/06/20		0.761		LK	E	85	0.6	C4 passive	ERG	0.051510246	5065	3.9 inHg	0101528-03
C4	10/12/20		0.183			WNW	285	0.6	C4 passive	ERG	0.051510246	19648	3.0 inHg	0101605-01
C4	10/18/20		0.280			ENE	75	2.3	C4 passive	ERG	0.051510246	114322	2.0 inHg	0102916-03
C4	10/24/20		0.658			SSE	165	0.2	C4 passive	ERG	0.051510246	19298	3.5 inHg	0103006-03
C4	10/24/20	QA	0.952			SSE	165	0.2	C4 passive QA	ERG	0.051510246	114386	5.8 inHg	0103006-04
C4	10/30/20		0.195			NW	310	4.1	C4 passive	ERG	0.051510246	A21080	1.6 inHg	0111125-03
C4	11/05/20		0.826		LK	ENE	65	1	C4 passive	ERG	0.051510246	SAT088	1.9 inHg	0111824-03
C4	11/11/20		0.289			E	80	0.2	C4 passive	ERG	0.051510246	18864	3.2 inHg	0111824-07
C4	11/17/20		0.296		2	NW	315	3.4	C4 passive	ERG	0.051510246	A21099	0.0 inHg	0112513-03
C4	11/17/20	QA	0.150			NW	315	3.4	C4 passive QA	ERG	0.051510246	35156	3.8 inHg	0112513-05
C4	11/23/20		0.199		LK	NW	315	2.3	C4 passive	ERG	0.051510246	5085	2.6 inHg	0120411-03
C4	11/29/20		0.452		LK	E	84	0.7	C4 passive	ERG	0.051510246	5136	3.9 inHg	0121016-03

C4	12/05/20		0.253		2, LK	WNW	290	3.1	C4 passive	ERG	0.051510246	5051	0.0 inHg	0121104-03
C4	12/11/20			AN		ESE	115	0.2	C4 passive	ERG		19295	19.5 inHg	0122326-03
C4	12/17/20		0.058		2	WNW	295	3.5	C4 passive	ERG	0.051510246	19291	0.0 inHg	0123026-03
C4	12/17/20	QA	0.090			WNW	295	3.5	C4 passive QA	ERG	0.051510246	111217	2.9 inHg	0123026-04
C4	12/23/20			AA		E	92	1.7	C4 passive	ERG	0.051510246	110335	VOID	1010626-03
C4	12/29/20			AF		ENE	75	0.8	C4 passive	ERG		110342	29.2 inHg	1011326-04
C4	01/04/21		0.076			WNW	295	1.2	C4 passive	ERG	0.051510246	33232	3.8 inHg	1011326-08
C4	01/10/21		0.052			ENE	70	0.5	C4 passive	ERG	0.051510246	18882	4.2 inHg	1012127-04
C4	01/10/21			BI		ENE	70	0.5	C4 passive	ERG		SAT181	VOID	1012127-03
C4	01/16/21		0.277			WNW	285	2.3	C4 passive	ERG	0.051510246	SAT177	3.0 inHg	1012726-02
C4	01/22/21		0.625			WNW	300	0.7	C4 passive	ERG	0.051510246	SAT012	3.1 inHg	1012903-03
C4	01/28/21			AA		NW	315	5.6	C4 passive	ERG	0.051510246	5110	VOID	1020519-03
C4	02/03/21			AA		NW	310	3.6	C4 passive	ERG	0.047172541	111219	VOID	1021208-04
C4	02/09/21		0.138			ENE	65	0.6	C4 passive	ERG	0.047172541	110306	6.0 inHg	1021908-03
C4	02/15/21		0.580		D-F, LK	E	85	2.4	C4 passive	ERG	0.047172541	SAT073	5.1 inHg	1022211-03
C4	02/15/21	QA	0.327		D-F, LK	E	85	2.4	C4 passive QA	ERG	0.047172541	A21086	1.9 inHg	1022211-04
C4	02/21/21		0.399			ESE	105	2.1	C4 passive	ERG	0.047172541	A21078	4.5 inHg	1030510-03
C4	02/27/21		0.206			ENE	70	1	C4 passive	ERG	0.047172541	18831	4.1 inHg	1031121-03
C4	03/05/21			AF		NNW	340	1.5	C4 passive	ERG	0.0472		Did not Collect	No sample ID possible
C4	03/11/21		0.727		LK	S	185	0.6	C4 passive	ERG	0.047172541	SAT127	4.7 inHg	1031639-03
C4	03/17/21		0.195			E	85	1.5	C4 passive	ERG	0.047172541	114386	5.9 inHg	1032432-03
C4	03/23/21		0.347			E	80	2.3	C4 passive	ERG	0.047172541	A21013	5.1 inHg	1040729-02
C4	03/23/21	QA	0.235		2	E	80	2.3	C4 passive QA	ERG	0.047172541	110257	7.1 inHg	1040824-02
C4	03/29/21		0.142			N	0	1.6	C4 passive	ERG	0.047172541	19283	4.8 inHg	1041343-02
C4	04/04/21		0.322		LK	WNW	285	0.8	C4 passive	ERG	0.047172541	SAT174	4.0 inHg	1042215-03
C4	04/10/21		0.248		2	SSE	160	1.1	C4 passive	ERG	0.047172541	110305	6.2 inHg	1042215-07
C4	04/16/21		0.090			NE	45	0.7	C4 passive	ERG	0.047172541	110252	4.9 inHg	1042933-03
C4	04/22/21		0.147			NNW	345	2	C4 passive	ERG	0.047172541	A21022	3.3 inHg	1043022-02
C4	04/22/21	QA	0.376			NNW	345	2	C4 passive QA	ERG	0.047172541	2767	3.2inhg	1050321-02
C4	04/28/21		0.282			SSW	205	0.4	C4 passive	ERG	0.047172541	33516	4.5 inHg	1050523-03
C4	05/04/21		0.611			W	265	1.2	C4 passive	ERG	0.047172541	49	5.2 inHg	1051942-03
C4	05/10/21		0.100		2	WNW	290	1.3	C4 passive	ERG	0.047172541	33532	1.00 inHg	1051942-07
C4	05/16/21		0.286		2	SW	225	0.4	C4 passive	ERG	0.047172541	19300	6.7 inHg	1060323-05
C4	05/22/21		2.133		LK	ENE	70	0.5	C4 passive	ERG	0.047172541	A21091	6.0 inHg	1060323-06
C4	05/28/21		0.173		2	WSW	245	1.1	C4 passive	ERG	0.047172541	33314	6.1 inHg	1060415-03
C4	05/28/21	QA	0.090		2	WSW	245	1.1	C4 passive QA	ERG	0.047172541	19291	7.7 inHg	1060746-01
C5	10/30/19		0.361		LK, 2	SE	130	1.2	C5 passive	ERG	0.045184426	A21082	2.0 inHg	9110118-06
C5	11/01/19		0.093		LK, 2	NW	320	1.9	C5 passive	ERG	0.045184426	19650	0.0 inHg	9110553-05
C5	11/03/19		0.222			NW	320	0.6	C5 passive	ERG	0.045184426	A21045	1.1 inHg	9110635-04
C5	11/05/19		0.093			NNE	30	0.6	C5 passive	ERG	0.045184426	18822	1.9 inHg	9110810-04
C5	11/08/19		0.224			NNW	330	1.9	C5 passive	ERG	0.045184426	19643	2.2 inHg	9111412-05
C5	11/13/19		0.183			E	90	2	C5 passive	ERG	0.045184426	19276	0.5 inHg	9111509-03
C5	11/15/19			AF		NE	50	1.3	C5 passive	ERG		5072	VOID	9112026-05
C5	11/20/19		0.813			NNW	315	1	C5 passive	ERG	0.045184426	19652	0.1 inHg	9112711-07
C5	11/20/19	QA	0.757			NNW	315	1	C5 passive QA	ERG	0.045184426	18875	3.9 inHg	9112711-09
C5	11/23/19		0.121		2	W	285	1.5	C5 passive	ERG	0.045184426	19666	6.6 inHg	9112711-08
C5	11/29/19		0.139		LK, 2	ENE	75	0.1	C5 passive	ERG	0.045184426	18832	6.2 inHg	9120610-04
C5	12/05/19		0.611			NW	315	0.9	C5 passive	ERG	0.045184426	2527	4.0 inHg	9121207-07
C5	12/08/19		0.108		LK	E	90	3.3	C5 passive	ERG	0.045184426	19298	6.0 inHg	9121207-08
C5	12/11/19		0.213		LK, 2	NNW	335	2.7	C5 passive	ERG	0.045184426	A21072	0.0 inHg	9121841-05
C5	12/14/19		0.136		LK	WNW	290	2.3	C5 passive	ERG	0.045184426	A21101	5.1 inHg	9121841-09

C5	12/17/19	0.345		LK, 2	WNW	300	3.4	C5 passive	ERG	0.045184426	5114	7.1 inHg	9122019-04
C5	12/19/19	0.416		LK, 2	NNE	45	0.8	C5 passive	ERG	0.045184426	5127	0.0 inHg	0010322-04
C5	12/23/19		AN		ENE	70	5.1	C5 passive	ERG		5126	VOID	0010322-08
C5	12/31/19	0.138		LK	W	275	2.9	C5 passive	ERG	0.045184426	5062	1.0 inHg	0010717-04
C5	01/04/20		AN		WNW	290	4.3	C5 passive	ERG		SAT155	18.3 inHg	0010907-04
C5	01/07/20	0.215		2, LK	WNW	285	2.8	C5 passive	ERG	0.045184426	A21073	0.0 inHg	0011423-03
C5	01/10/20	0.257		LK	E	80	2.4	C5 passive	ERG	0.045184426	SAT118	1.6 inHg	0011423-07
C5	01/14/20		AF		NW	320	0.3	C5 passive	ERG		SAT060	25.0 inHg	0011705-04
C5	01/16/20		AF		NW	320	2.8	C5 passive	ERG		5089	VOID	0012927-04
C5	01/19/20	0.557		LK	NW	310	4.9	C5 passive	ERG	0.045184426	5059	1.2 inHg	0012317-04
C5	01/22/20	0.278		2	ENE	75	1.7	C5 passive	ERG	0.045184426	19282	0.0 inHg	0012927-09
C5	01/25/20	0.178		2	WNW	290	2.6	C5 passive	ERG	0.045184426	19641	0.0 inHg	0013008-02
C5	01/28/20	0.766			NW	315	1.3	C5 passive	ERG	0.045184426	SAT097	4.3 inHg	0020524-04
C5	01/30/20	0.361		LK	ENE	75	1.5	C5 passive	ERG	0.045184426	5117	5.2 inHg	0020524-07
C5	02/03/20	0.327			WSW	245	0.6	C5 passive	ERG	0.045184426	SAT120	5.2 inHg	0021311-04
C5	02/09/20	0.143		2	E	80	1.3	C5 passive	ERG	0.045184426	19644	0.0 inHg	0021921-04
C5	02/15/20	0.718		2	E	92	0.4	C5 passive	ERG	0.045184426	A21105	0.0 inHg	0022425-04
C5	02/21/20	1.130		2	NE	45	0.5	C5 passive	ERG	0.045184426	19662	0.0 inHg	0022816-04
C5	02/27/20	0.208		2, LK	NW	315	3.8	C5 passive	ERG	0.045184426	SAT099	0.0 inHg	0030604-04
C5	03/04/20	0.318		LK	NE	45	0.1	C5 passive	ERG	0.051510246	A21044	4.2 inHg	0031012-04
C5	03/10/20	0.633		LK	SW	240	1.4	C5 passive	ERG	0.051510246	AZ40	3.0 inHg	0031836-04
C5	03/16/20	0.139		2	E	85	6.1	C5 passive	ERG	0.051510246	A21010	0.0 inHg	0032321-04
C5	03/22/20	0.347			ENE	80	2.8	C5 passive	ERG	0.051510246	18880	2.2 inHg	0040115-05
C5	03/28/20	0.376			WSW	245	1.1	C5 passive	ERG	0.051510246	A21081	5.1 inHg	0040814-01
C5	04/03/20	0.394			NW	310	0.6	C5 passive	ERG	0.051510246	19657	3.7 inHg	0041001-04
C5	04/09/20	0.568		2	WNW	290	3.3	C5 passive	ERG	0.051510246	SAT061	4.8 inHg	0041707-05
C5	04/15/20	0.342			NW	315	2.9	C5 passive	ERG	0.051510246	19662	3.1 inHg	0042218-04
C5	04/21/20	0.705		LK, 2	WNW	285	2.2	C5 passive	ERG	0.051510246	SAT164	3.2 inHg	0050114-05
C5	04/27/20	0.345		2	NW	310	2.2	C5 passive	ERG	0.051510246	A21005	4.7 inHg	0050615-04
C5	05/03/20	0.361			W	270	1.2	C5 passive	ERG	0.051510246	SAT117	4.8 inHg	0051324-04
C5	05/09/20	0.824			NW	310	2.1	C5 passive	ERG	0.051510246	SAT185	3.2 inHg	0051504-03
C5	05/15/20	0.300			SSE	148	0.3	C5 passive	ERG	0.051510246	53	3.9 inHg	0052848-03
C5	05/21/20	0.699			NE	85	0.5	C5 passive	ERG	0.051510246	SAT169	2.9 inHg	0052918-06
C5	05/27/20	0.539			E	80	2.6	C5 passive	ERG	0.051510246	SAT057	4.1 inHg	0060508-04
C5	06/02/20	0.571		LK	SW	238	0.2	C5 passive	ERG	0.051510246	5042	5.1 inHg	0061042-04
C5	06/08/20	0.137			ESE	120	1.1	C5 passive	ERG	0.051510246	33275	4.8 inHg	0061731-05
C5	06/14/20	0.622			ENE	70	1.2	C5 passive	ERG	0.051510246	SAT092	4.5 inHg	0061908-04
C5	06/20/20	0.506			NNW	330	0.8	C5 passive	ERG	0.051510246	19654	4.7 inHg	0070602-04
C5	06/26/20	1.231		LK	WNW	285	2.2	C5 passive	ERG	0.051510246	5048	5.2 inHg	0070840-04
C5	07/02/20	0.647			NNW	335	1.2	C5 passive	ERG	0.051510246	SAT033	5.2 inHg	0070928-04
C5	07/08/20	1.131		LK	NE	45	0.6	C5 passive	ERG	0.051510246	5130	5.1 inHg	0071703-04
C5	07/14/20	0.539			NW	320	0.2	C5 passive	ERG	0.051510246	SAT087	4.8 inHg	0072412-04
C5	07/20/20	0.338		2	E	80	0.1	C5 passive	ERG	0.051510246	35134	0.0 inHg	0072412-07
C5	07/26/20	0.642			W	268	0.05	C5 passive	ERG	0.051510246	A21022	2.9 inHg	0080618-01
C5	08/01/20	1.211			SW	214	0.5	C5 passive	ERG	0.051510246	SAT038	2.9 inHg	0081410-04
C5	08/07/20	1.177			ENE	60	0.1	C5 passive	ERG	0.051510246	SAT042	2.1 inHg	0081410-07
C5	08/13/20		AF		S	190	0.1	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/19/20		AF		ESE	108	0.2	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/25/20		AF		ENE	67	0.3	C5 passive	ERG			Did not Collect	No sample ID possible

C5	08/31/20		0.192			W	278	0.1	C5 passive	ERG	0.051510246	18837	2.1 inHg	0090413-04
C5	09/06/20		0.257			ENE	64	0.2	C5 passive	ERG	0.051510246	A21103	2.4 inHg	0092126-01
C5	09/12/20		0.591		LK	E	85	1.8	C5 passive	ERG	0.051510246	5050	4.9 inHg	0092335-04
C5	09/18/20		1.182			NNW	30	0.8	C5 passive	ERG	0.051510246	SAT002	2.9 inHg	0093025-04
C5	09/24/20		0.452			E	90	1.6	C5 passive	ERG	0.051510246	SAT003	1.9 inHg	0093025-08
C5	09/30/20		0.403		LK	WNW	300	1	C5 passive	ERG	0.051510246	AZ50	1.5 inHg	0100833-04
C5	10/06/20		0.277		LK	E	85	0.6	C5 passive	ERG	0.051510246	5044	3.1 inHg	0101528-04
C5	10/12/20			AF		WNW	285	0.6	C5 passive	ERG			Did not Collect	No sample ID possible
C5	10/18/20		0.155		2	ENE	75	2.3	C5 passive	ERG	0.051510246	110308	0.0 inHg	0102916-04
C5	10/24/20		0.333			SSE	165	0.2	C5 passive	ERG	0.051510246	110306	2.9 inHg	0111210-01
C5	10/30/20		0.387		LK	NW	310	4.1	C5 passive	ERG	0.051510246	SAT159	1.1 inHg	0111125-04
C5	11/05/20		0.484		LK	ENE	65	1	C5 passive	ERG	0.051510246	AZ52	1.5 inHg	0111824-04
C5	11/11/20		0.672			E	80	0.2	C5 passive	ERG	0.051510246	SAT005	2.2 inHg	0111824-08
C5	11/17/20		0.097			NW	315	3.4	C5 passive	ERG	0.051510246	19663	1.0 inHg	0112513-04
C5	11/23/20		0.202			NW	315	2.3	C5 passive	ERG	0.051510246	SAT179	1.3 inHg	0120411-04
C5	11/29/20		0.430		LK	E	84	0.7	C5 passive	ERG	0.051510246	5064	2.9 inHg	0121016-04
C5	12/05/20		0.065			WNW	290	3.1	C5 passive	ERG	0.051510246	19667	1.5 inHg	0121104-04
C5	12/11/20		0.178			ESE	115	0.2	C5 passive	ERG	0.051510246	A21011	2.8 inHg	0122326-04
C5	12/17/20		0.079		2	WNW	295	3.5	C5 passive	ERG	0.051510246	110308	0.0 inHg	0123026-05
C5	12/23/20		0.123		2	E	92	1.7	C5 passive	ERG	0.051510246	111219	0.0 inHg	1010626-04
C5	12/29/20		0.246		2	ENE	75	0.8	C5 passive	ERG	0.051510246	110306	6.4 inHg	1011326-05
C5	01/04/21		0.284		2	WNW	295	1.2	C5 passive	ERG	0.051510246	A21076	0.0 inHg	1011326-09
C5	01/10/21		0.231		2	ENE	70	0.5	C5 passive	ERG	0.051510246	SAT067	0.0 inHg	1012127-05
C5	01/16/21		0.038		VB	WNW	285	2.3	C5 passive	ERG	0.051510246	33266	1.2 inHg	1012726-04
C5	01/22/21		0.412			WNW	300	0.7	C5 passive	ERG	0.051510246	SAT003	1.1 inHg	1012903-04
C5	01/28/21		0.298		LK	NW	315	5.6	C5 passive	ERG	0.051510246	5125	1.9 inHg	1020519-04
C5	02/03/21		0.076			NW	310	3.6	C5 passive	ERG	0.047172541	114366	1.0 inHg	1021208-05
C5	02/09/21		0.267			ENE	65	0.6	C5 passive	ERG	0.047172541	110257	3.2 inHg	1021908-04
C5	02/15/21		0.000		ND, U	E	85	2.4	C5 passive	ERG	0.047172541	19293	2.3 inHg	1022211-05
C5	02/21/21		0.058			ESE	105	2.1	C5 passive	ERG	0.047172541	19657	2.0 inHg	1030510-04
C5	02/21/21	QA	0.181			ESE	105	2.1	C5 passive QA	ERG	0.047172541	SAT118	1.2 inHg	1030510-05
C5	02/27/21		0.000		ND, U	ENE	70	1	C5 passive	ERG	0.047172541	19284	1.2 inHg	1031029-01
C5	03/05/21			AF		NNW	340	1.5	C5 passive	ERG	0.0472		Did not Collect	No sample ID possible
C5	03/11/21		0.122			S	185	0.6	C5 passive	ERG	0.047172541	A21039	1.7 inHg	1031639-04
C5	03/17/21		0.081			E	85	1.5	C5 passive	ERG	0.047172541	111217	2.9 inHg	1032432-04
C5	03/23/21		0.412		LK	E	80	2.3	C5 passive	ERG	0.047172541	SAT018	2.0 inHg	1040824-03
C5	03/29/21			AA		N	0	1.6	C5 passive	ERG	0.0472	A21025	VOID	1041343-04
C5	04/04/21		0.484		2, LK	WNW	285	0.8	C5 passive	ERG	0.047172541	SAT067	0.0 inHg	1042215-04
C5	04/10/21		0.380		2	SSE	160	1.1	C5 passive	ERG	0.047172541	A21101	0.0 inHg	1042215-08
C5	04/16/21		0.087			NE	45	0.7	C5 passive	ERG	0.047172541	110314	0.0 inHg	1042933-04
C5	04/22/21		0.098		2	NNW	345	2	C5 passive	ERG	0.047172541	18830	6.9 inHg	1050321-03
C5	04/28/21		0.084		2	SSW	205	0.4	C5 passive	ERG	0.047172541	111211	0.0 inHg	1050523-04
C5	05/04/21		0.488			W	265	1.2	C5 passive	ERG	0.047172541	A21099	4.0 inHg	1051942-04
C5	05/10/21		0.177			WNW	290	1.3	C5 passive	ERG	0.047172541	A21025	3.8 inHg	1051942-08
C5	05/16/21		0.124			SW	225	0.4	C5 passive	ERG	0.047172541	19287	3.9 inHg	1060323-07
C5	05/22/21		0.833			ENE	70	0.5	C5 passive	ERG	0.047172541	A21095	2.9 inHg	1060323-08
C5	05/28/21		1.390			WSW	245	1.1	C5 passive	ERG	0.047172541	18828	4.0 inHg	1060415-04
C7	10/30/19		0.161			SE	130	1.2	C7 passive	ERG	0.045184426	18834	5.0 inHg	9110118-07
C7	11/01/19		0.060			NW	320	1.9	C7 passive	ERG	0.045184426	18879	1.5 inHg	9110553-06
C7	11/03/19		0.351		LK	NW	320	0.6	C7 passive	ERG	0.045184426	5086	3.0 inHg	9110635-05

C7	11/05/19	0.201			NNE	30	0.6	C7 passive	ERG	0.045184426	SAT071	3.1 inHg	9110810-05
C7	11/08/19	0.217			NNW	330	1.9	C7 passive	ERG	0.045184426	SAT106	3.2 inHg	9111412-06
C7	11/13/19		AF		E	90	2	C7 passive				Did not Collect	No sample ID possible
C7	11/15/19	0.123			NE	50	1.3	C7 passive	ERG	0.045184426	18821	2.0 inHg	9112026-06
C7	02/27/20	0.280		LK	NW	315	3.8	C7 passive	ERG	0.045184426	5146	1.6 inHg	0030604-05
C7	03/28/20	0.602		2	WSW	245	1.1	C7 passive	ERG	0.051510246	SAT185	4.2 inHg	0040814-04
C7	04/27/20	0.871		2	NW	310	2.2	C7 passive	ERG	0.051510246	SAT157	2.0 inHg	0050615-05
C7	05/27/20	0.367			E	80	2.6	C7 passive	ERG	0.051510246	SAT100	2.5 inHg	0060508-05
C7	06/20/20	1.674		2	NNW	330	0.8	C7 passive	ERG	0.051510246	SAT165	6.8 inHg	0070602-05
C7	07/20/20	1.028		LK, 2	E	80	0.1	C7 passive	ERG	0.051510246	5010	0.0 inHg	0072412-08
C7	08/19/20		AF		ESE	108	0.2	C7 passive				Did not Collect	No sample ID possible
C7	09/24/20	0.410		LK	E	90	1.6	C7 passive	ERG	0.051510246	5051	1.0 inHg	0093025-09
C7	10/30/20	0.586		LK	NW	310	4.1	C7 passive	ERG	0.051510246	5081	5.1 inHg	0111125-05
C7	11/23/20		AN		NW	315	2.3	C7 passive	ERG		AZ50	VOID	0120411-05
C7	12/23/20	0.092			E	92	1.7	C7 passive	ERG	0.051510246	114336	3.8 inHg	1010525-01
C7	01/28/21	1.372			NW	315	5.6	C7 passive	ERG	0.051510246	SAT166	2.0 inHg	1020519-05
C7	02/27/21	0.080		2	ENE	70	1	C7 passive	ERG	0.047172541	33533	0.5 inHg	1031121-04
C7	03/29/21		AA		N	0	1.6	C7 passive	ERG	0.0472	A21058	0.0 inHg	1041343-01
C7	04/28/21	0.707			SSW	205	0.4	C7 passive	ERG	0.047172541	SAT043	6 inHg	1050523-05
C7	05/22/21	0.925		LK, 2	ENE	70	0.5	C7 passive	ERG	0.047172541	A21067	6.8 inHg	1060323-09
C8	10/30/19	0.224		2	SE	130	1.2	C8 passive	ERG	0.045184426	SAT081	7.0 inHg	9110118-08
C8	11/01/19	0.103		U	NW	320	1.9	C8 passive	ERG	0.045184426	SAT100	5.0 inHg	9110553-07
C8	11/03/19	0.222		LK, 2	NW	320	0.6	C8 passive	ERG	0.045184426	SAT059	3.1 inHg	9110635-06
C8	11/05/19	0.224		LK, 2	NNE	30	0.6	C8 passive	ERG	0.045184426	5089	7.1 inHg	9110810-06
C8	11/08/19	0.080		2	NNW	330	1.9	C8 passive	ERG	0.045184426	19284	6.7 inHg	9111412-07
C8	11/13/19		AF		E	90	2	C8 passive				Did not Collect	No sample ID possible
C8	11/15/19	0.084			NE	50	1.3	C8 passive	ERG	0.045184426	19288	5.8 inHg	9112026-07
C9	10/30/19	0.242			SE	130	1.2	C9 passive	ERG	0.045184426	19651	3.5 inHg	9110118-09
C9	11/01/19		AF		NW	320	1.9	C9 passive	ERG		SAT145	29.8 inHg	9110553-08
C9	11/03/19	0.264		LK	NW	320	0.6	C9 passive	ERG	0.045184426	5034	2.1 inHg	9110635-07
C9	11/05/19	0.179			NNE	30	0.6	C9 passive	ERG	0.045184426	SAT152	2.5 inHg	9110810-07
C9	11/08/19	0.061			NNW	330	1.9	C9 passive	ERG	0.045184426	19641	3.0 inHg	9111412-08
C9	11/13/19		AF		E	90	2	C9 passive				Did not Collect	No sample ID possible
C9	11/15/19	0.437		LK	NE	50	1.3	C9 passive	ERG	0.045184426	SAT159	1.8 inHg	9112026-08
F1	01/16/20	0.174			NW	321	4.2	F1 passive	ERG	0.045184426	18884	4.3 inHg	0012318-01
F1	01/22/20	0.295		LK	ENE	65	1.6	F1 passive	ERG	0.045184426	5126	2.8 inHg	0013007-01
F1	01/28/20	0.817		LK	NNW	327	1.5	F1 passive	ERG	0.045184426	5125	4.2 inHg	0020526-01
F1	02/03/20	0.345			SSW	202	1.8	F1 passive	ERG	0.045184426	SAT087	3.1 inHg	0021215-01
F1	02/09/20	0.439		LK, 2	ESE	109	2.4	F1 passive	ERG	0.045184426	SAT021	10.8 inHg	0021824-01
F1	02/15/20	0.392			E	99	2.1	F1 passive	ERG	0.045184426	A21083	2.0 inHg	0022613-01
F1	02/21/20	0.636			NNW	343	2.2	F1 passive	ERG	0.045184426	A21022	3.2 inHg	0030234-01
F1	02/27/20		AL		NW	312	4	F1 passive	ERG		18828	19.2 inHg	0030606-01
F1	03/04/20	0.862			SW	272	1.2	F1 passive	ERG	0.051510246	SAT163	4.6 inHg	0031135-01
F1	03/10/20		AL		SW	218	1.9	F1 passive	ERG		18875	VOID	0031834-01
F1	03/16/20	0.369		2	E	83	3	F1 passive	ERG	0.051510246	19289	12.0 inHg	0032319-01
F1	03/22/20	0.311			ENE	78	2.7	F1 passive	ERG	0.051510246	18829	1.8 inHg	0040113-01
F1	03/28/20		AN		SW	220	2.7	F1 passive	ERG		SAT023	17.5 inHg	0040816-01
F1	04/03/20	1.625		LK, 2	WNW	284	1.3	F1 passive	ERG	0.051510246	5048	6.9 inHg	0041002-01

F1	04/09/20		0.904		2	WNW	295	4.5	F1 passive	ERG	0.051510246	18837	7.1 inHg	0041619-01
F1	04/15/20		0.589		LK, 2	NNW	322	3.8	F1 passive	ERG	0.051510246	5072	6.4 inHg	0042219-01
F1	04/21/20		0.638		2	WNW	291	3	F1 passive	ERG	0.051510246	19668	6.1 inHg	0050112-01
F1	04/27/20		1.504		2	NW	324	2.8	F1 passive	ERG	0.051510246	SAT043	5.8 inHg	0050616-01
F1	05/03/20		0.634		LK, 2	SW	230	2.5	F1 passive	ERG	0.051510246	5103	0.0 inHg	0051408-01
F1	05/09/20		1.298		LK	NNW	335	3.2	F1 passive	ERG	0.051510246	AZ41	5.1 inHg	0051508-02
F1	05/15/20		0.568		LK, 2	SSE	155	2.6	F1 passive	ERG	0.051510246	5110	7.9 inHg	0052847-01
F1	05/21/20		1.104		2	ENE	70	1.4	F1 passive	ERG	0.051510246	SAT017	6.2 inHg	0052919-02
F1	05/27/20		0.616		2	ENE	70	3.2	F1 passive	ERG	0.051510246	35126	6.1 inHg	0060507-01
F1	06/02/20		0.403		LK, 2	SSW	210	1.1	F1 passive	ERG	0.051510246	5117	7.5 inHg	0061732-01
F1	06/08/20		1.139		2	ESE	120	2.7	F1 passive	ERG	0.051510246	SAT037	6.9 inHg	0061732-03
F1	06/14/20		0.286		2	E	85	1.6	F1 passive	ERG	0.051510246	18879	6.2 inHg	0062525-01
F1	06/20/20		0.484		2	NNW	339	1.1	F1 passive	ERG	0.051510246	18827	7.2 inHg	0062612-01
F1	06/26/20		1.175		2	W	269	2.5	F1 passive	ERG	0.051510246	SAT039	6.6 inHg	0070603-01
F1	07/02/20		1.189		2, LK	NW	316	1.5	F1 passive	ERG	0.051510246	35110	6.9 inHg	0070930-01
F1	07/08/20		0.389		2	NNW	333	0.9	F1 passive	ERG	0.051510246	A21080	6.8 inHg	0071533-01
F1	07/14/20		1.430		LK, 2	WNW	293	0.6	F1 passive	ERG	0.051510246	AZ45	6.9 inHg	0072414-01
F1	07/20/20		0.719			NW	318	0.9	F1 passive	ERG	0.051510246	18829	2.1 inHg	0072931-01
F1	07/26/20		1.567		LK	WSW	239	1.1	F1 passive	ERG	0.051510246	5086	2.7 inHg	0080536-01
F1	08/01/20		0.784			SW	232	2.5	F1 passive	ERG	0.051510246	SAT057	1.6 inHg	0080617-01
F1	08/07/20		2.169		LK	NNW	339	1.4	F1 passive	ERG	0.051510246	SAT123	1.0 inHg	0081933-01
F1	08/13/20		1.598			W	271	1.1	F1 passive	ERG	0.051510246	SAT068	5.8 inHg	0082115-01
F1	08/19/20			AO		NE	54	1.4	F1 passive	ERG		5020	VOID	0082739-01
F1	08/25/20		0.340		2	ENE	59	1.5	F1 passive	ERG	0.051510246	A21089	0.0 inHg	0090238-01
F1	08/31/20		0.228		2	WNW	290	1	F1 passive	ERG	0.051510246	18822	0.0 inHg	0090830-01
F1	09/06/20		0.445		LK, 2	NE	55	1.4	F1 passive	ERG	0.051510246	5119	0.0 inHg	0092333-01
F1	09/12/20		0.113			E	90	2.3	F1 passive	ERG	0.051510246	19278	1.6 inHg	0092333-04
F1	09/18/20		0.654		LK	NNW	341	1.3	F1 passive	ERG	0.051510246	5132	1.2 inHg	0092838-01
F1	09/24/20		0.399			E	100	2.5	F1 passive	ERG	0.051510246	2240	1.9 inHg	0100212-01
F1	09/30/20		0.519		2	W	267	1.6	F1 passive	ERG	0.051510246	SAT039	0.0 inHg	0100834-01
F1	10/06/20		0.251		2	NE	40	0.8	F1 passive	ERG	0.051510246	35136	0.0 inHg	0101530-01
F1	10/12/20		0.226		2	W	276	1.7	F1 passive	ERG	0.051510246	19647	0.0 inHg	0102301-01
F1	10/18/20		0.157		2	E	79	2.1	F1 passive	ERG	0.051510246	110305	0.0 inHg	0102915-01
F1	10/24/20		0.501		2	N	0	0.6	F1 passive	ERG	0.051510246	110314	0.0 inHg	0110528-01
F1	10/30/20		0.257		LK, 2	NW	319	4	F1 passive	ERG	0.051510246	SAT026	0.0 inHg	0110924-01
F1	11/05/20		0.146		2	NE	46	0.9	F1 passive	ERG	0.051510246	SAT022	0.0 inHg	0111208-01
F1	11/11/20		0.408			SSE	167	0.9	F1 passive	ERG	0.051510246	18872	1.9 inHg	0112511-01
F1	11/17/20		0.124		2	NNW	331	3.5	F1 passive	ERG	0.051510246	18810	0.0 inHg	0112511-03
F1	11/23/20		0.086		2	NNW	330	3.4	F1 passive	ERG	0.051510246	19645	0.0 inHg	0120412-01
F1	11/29/20		0.385		LK	E	83	1.8	F1 passive	ERG	0.051510246	5009	2.9 inHg	0120412-02
F1	12/05/20		0.376		2	WNW	302	2.2	F1 passive	ERG	0.051510246	19299	0.0 inHg	0121642-01
F1	12/11/20		0.361		2, LK	SSE	165	0.7	F1 passive	ERG	0.051510246	5042	0.0 inHg	0122327-01
F1	12/17/20		0.372		2	WNW	296	3.2	F1 passive	ERG	0.051510246	A21037	0.0 inHg	0122407-01
F1	12/23/20		0.136			SE	125	1.8	F1 passive	ERG	0.051510246	11211	1.2 inHg	1010625-01
F1	12/29/20		0.202			E	94	1.1	F1 passive	ERG	0.051510246	110252	1.1 inHg	1010524-01
F1	01/04/21		0.092			NW	318	1.4	F1 passive	ERG	0.051510246	33531	1.1 inHg	1011516-01
F1	01/10/21		0.192		2	N	9	0.8	F1 passive	ERG	0.051510246	SAT033	0.0 inHg	1012723-01
F1	01/16/21		0.093		2	W	272	3.1	F1 passive	ERG	0.051510246	19649	0.0 inHg	1012723-04
F1	01/22/21		0.573		LK, 2	NNW	329	1	F1 passive	ERG	0.051510246	5004	0.0 inHg	1020317-01
F1	01/28/21		0.000		ND, U, 2	NW	325	5.5	F1 passive	ERG	0.051510246	110308	0.0 inHg	1020425-01
F1	02/03/21		0.401		LK, 2	NW	312	3.5	F1 passive	ERG	0.047172541	5018	0.0 inHg	1021020-01
F1	02/03/21	QA	0.224		2	NW	312	3.5	F1 passive QA	ERG	0.047172541	A21103	0.0 inHg	1021020-02

F1	02/09/21		0.147			NE	41	1	F1 passive	ERG	0.047172541	SAT179	1 inHg	1021837-01
F1	02/15/21		0.000		ND, U	E	83	2.8	F1 passive	ERG	0.047172541	114329	4.5 inHg	1030327-01
F1	02/21/21		0.219		2	SE	136	2.6	F1 passive	ERG	0.047172541	A21073	0.5 inHg	1031122-01
F1	02/27/21		0.000		U, ND, 2	NE	54	1.6	F1 passive	ERG	0.047172541	33490	0.0 inHg	1031030-01
F1	03/05/21			AF		NW	325	2.2	F1 passive				Did not Collect	No sample ID possible
F1	03/11/21		0.129			WNW	302	1.1	F1 passive	ERG	0.047172541	19654	5.8 inHg	1031636-01
F1	03/17/21		0.173			E	79	2.5	F1 passive	ERG	0.047172541	110308	3.9 inHg	1032433-01
F1	03/23/21		0.427		LK	E	98	3	F1 passive	ERG	0.047172541	A21076	4.5 inHg	1040823-01
F1	03/29/21		0.144			NE	41	1.5	F1 passive	ERG	0.047172541	A21021	5.2 inHg	1041410-01
F1	04/04/21		0.222			NW	321	0.7	F1 passive	ERG	0.047172541	33535	1.2 inHg	1042216-01
F1	04/10/21		0.120			S	175	2.9	F1 passive	ERG	0.047172541	19287	5.1 inHg	1042216-03
F1	04/16/21		0.068			N	4	0.9	F1 passive	ERG	0.047172541	18821	4.7 inHg	1042934-01
F1	04/22/21			BI		NW	321	1.3	F1 passive	ERG		213	VOID	1050322-01
F1	04/28/21		0.519		2	SW	232	1.6	F1 passive	ERG	0.047172541	A21052	6.2 inHg	1051247-01
F1	05/04/21		0.180		2	SW	219	2.2	F1 passive	ERG	0.047172541	A21058	6.2 inHg	1051941-01
F1	05/10/21		0.455		2	W	268	2.2	F1 passive	ERG	0.047172541	18876	6.7 inHg	1051941-04
F1	05/16/21		0.571			SW	222	1.4	F1 passive	ERG	0.047172541	A21053	5.2 inHg	1060324-01
F1	05/22/21		0.394			NE	40	0.5	F1 passive	ERG	0.047172541	33240	5.3 inHg	1060324-02
F1	05/28/21		0.277		2	SW	219	2.8	F1 passive	ERG	0.047172541	110314	6.2 inHg	1060836-01
F2	01/28/20		2.874			NNW	327	4.2	F2 passive	ERG	0.045184426	SAT002	1.10 inHg	0020526-02
F2	02/03/20		0.560			SSW	202	1.8	F2 passive	ERG	0.045184426	19642	1.0 inHg	0021215-02
F2	02/09/20		0.381		LK, 2	ESE	109	2.4	F2 passive	ERG	0.045184426	5133	0.0 inHg	0021405-01
F2	02/15/20		1.128		LK	E	99	2.1	F2 passive	ERG	0.045184426	5086	1.5 inHg	0022613-02
F2	02/21/20		2.801		2	NNW	343	2.2	F2 passive	ERG	0.045184426	18832	0.0 inHg	0030234-02
F2	02/27/20		1.028		2	NW	312	4	F2 passive	ERG	0.045184426	19645	0.0 inHg	0030537-01
F2	03/04/20		2.838		2	SW	272	1.2	F2 passive	ERG	0.051510246	SAT130	0.0 inHg	0031135-02
F2	03/10/20		0.819		LK	SW	218	1.9	F2 passive	ERG	0.051510246	5132	1.0 inHg	0031834-02
F2	03/16/20		0.802		LK	E	83	3	F2 passive	ERG	0.051510246	5045	1.0 inHg	0032319-02
F2	03/22/20		0.965		2	ENE	78	2.7	F2 passive	ERG	0.051510246	SAT070	0.0 inHg	0040113-02
F2	03/28/20		0.687			SW	220	2.7	F2 passive	ERG	0.051510246	SAT123	2.9 inHg	0040816-02
F2	04/03/20		2.368		LK, 2	WNW	284	1.3	F2 passive	ERG	0.051510246	5081	0.0 inHg	0041002-02
F2	04/09/20		1.298		LK	WNW	295	4.5	F2 passive	ERG	0.051510246	AZ37	1.6 inHg	0041619-02
F2	04/15/20		2.747		2	NNW	322	3.8	F2 passive	ERG	0.051510246	SAT025	0.0 inHg	0042219-02
F2	04/21/20		0.831		2	WNW	291	3	F2 passive	ERG	0.051510246	SAT064	0.0 inHg	0050112-02
F2	04/27/20		3.615		2	NW	324	2.8	F2 passive	ERG	0.051510246	SAT007	0.0 inHg	0050616-02
F2	04/27/20	QA	3.488		2	NW	324	2.8	F2 passive QA	ERG	0.051510246	SAT011	4.5 inHg	0050616-03
F2	05/03/20			AA		SW	230	2.5	F2 passive	ERG		5115	VOID	0051408-02
F2	05/09/20		2.295		LK, 2	NNW	335	3.2	F2 passive	ERG	0.051510246	5076	6.5 inHg	0051508-01
F2	05/15/20		0.446		LK, 2	SSE	155	2.6	F2 passive	ERG	0.051510246	5080	8.0 inHg	0052847-02
F2	05/21/20		0.580		LK, 2	ENE	70	1.4	F2 passive	ERG	0.051510246	504	7.0 inHg	0052919-03
F2	05/27/20		0.329		2	ENE	70	3.2	F2 passive	ERG	0.051510246	SAT020	6.2 inHg	0060507-02
F2	06/02/20		0.954		2	SSW	210	1.1	F2 passive	ERG	0.051510246	33327	7.0 inHg	0061732-02
F2	06/08/20		0.831		LK, 2	ESE	120	2.7	F2 passive	ERG	0.051510246	5050	7.8 inHg	0061732-04
F2	06/08/20	QA	0.810		2	ESE	120	2.7	F2 passive QA	ERG	0.051510246	SAT069	6.9 inHg	0061732-05
F2	06/14/20			BI		E	85	1.6	F2 passive	ERG		SAT181	6.2 inHg	0062525-02
F2	06/20/20		0.887		2	NNW	339	1.1	F2 passive	ERG	0.051510246	19284	7.0 inHg	0062612-02
F2	06/26/20		1.717		LK, 2	W	269	2.5	F2 passive	ERG	0.051510246	5090	7.5 inHg	0070603-02
F2	07/02/20		1.731		2	NW	316	1.5	F2 passive	ERG	0.051510246	18830	7.1 inHg	0070930-02
F2	07/08/20		0.369		2	NNW	333	0.9	F2 passive	ERG	0.051510246	A21053	6.5 inHg	0071533-02
F2	07/08/20	QA	0.461		2	NNW	333	0.9	F2 passive QA	ERG	0.051510246	33232	0.0 inHg	0071533-03
F2	07/14/20		0.522		LK, 2	WNW	293	0.6	F2 passive	ERG	0.051510246	5055	7.4 inHg	0072414-02

F2	07/20/20		0.459			NW	318	0.9	F2 passive	ERG	0.051510246	33531	2.8 inHg	0072931-02
F2	07/26/20		0.860		LK	WSW	239	1.1	F2 passive	ERG	0.051510246	5054	3.4 inHg	0080536-02
F2	08/01/20		0.186			SW	232	2.5	F2 passive	ERG	0.051510246	33327	2.2 inHg	0080617-02
F2	08/07/20		4.410		LK, 2	NNW	339	1.4	F2 passive	ERG	0.051510246	35127	0.0 inHg	0081832-01
F2	08/13/20		0.504		D-F	W	271	1.1	F2 passive	ERG	0.051510246	33506	5.5 inHg	0082115-02
F2	08/13/20	QA	0.678		D-F	W	271	1.1	F2 passive QA	ERG	0.051510246	SAT178	5.3 inHg	0082115-03
F2	08/19/20		1.059			NE	54	1.4	F2 passive	ERG	0.051510246	19643	2.9 inHg	0082739-02
F2	08/25/20		0.349		LK	ENE	59	1.5	F2 passive	ERG	0.051510246	5035	2.1 inHg	0090238-02
F2	08/31/20		0.990		2	WNW	290	1	F2 passive	ERG	0.051510246	SAT076	0.0 inHg	0090830-02
F2	09/06/20		1.039		LK, 2	NE	55	1.4	F2 passive	ERG	0.051510246	SAT035	0.0 inHg	0092333-02
F2	09/12/20		1.641		LK	E	90	2.3	F2 passive	ERG	0.051510246	AZ37	1.9 inHg	0092333-05
F2	09/18/20		3.615		LK, D-F	NNW	341	1.3	F2 passive	ERG	0.051510246	5135	1.7 inHg	0092510-01
F2	09/18/20	QA	2.313		D-F	NNW	341	1.3	F2 passive QA	ERG	0.051510246	35143	1.0 inHg	0092510-03
F2	09/24/20		0.230			E	100	2.5	F2 passive	ERG	0.051510246	19283	2.2 inHg	0100212-02
F2	09/30/20		0.723		2, LK	W	267	1.6	F2 passive	ERG	0.051510246	5086	0.0 inHg	0100834-02
F2	10/06/20		0.307		2	NE	40	0.8	F2 passive	ERG	0.051510246	19667	0.0 inHg	0101530-02
F2	10/12/20		0.609		2	W	276	1.7	F2 passive	ERG	0.051510246	33533	0.0 inHg	0102301-02
F2	10/18/20		0.171		2	E	79	2.1	F2 passive	ERG	0.051510246	110342	0.0 inHg	0102915-02
F2	10/24/20		2.386		2	N	0	0.6	F2 passive	ERG	0.051510246	110257	7.1 inHg	0110528-02
F2	10/24/20	QA	1.701		D-F	N	0	0.6	F2 passive QA	ERG	0.051510246	110322	4.9 inHg	0110528-04
F2	10/30/20			AA		NW	319	4	F2 passive	ERG		5013	VOID	0110924-02
F2	11/05/20			AL		NE	46	0.9	F2 passive	ERG		SAT008	VOID	0111208-02
F2	11/11/20		1.032		LK	SSE	167	0.9	F2 passive	ERG	0.051510246	SAT035	5.9 inHg	0112511-02
F2	11/17/20		1.253			NNW	331	3.5	F2 passive	ERG	0.051510246	SAT149	3.6 inHg	0112511-04
F2	11/17/20	QA	0.990			NNW	330	3.4	F2 passive QA	ERG	0.051510246	33236	2.0 inHg	0112511-05
F2	11/23/20		1.489			NNW	330	3.4	F2 passive	ERG	0.051510246	18808	3.8 inHg	0120412-03
F2	11/29/20		1.146		LK	E	83	1.8	F2 passive	ERG	0.051510246	SAT112	4.8 inHg	0120412-04
F2	12/05/20		1.030		LK	WNW	302	2.2	F2 passive	ERG	0.051510246	5022	4.2 inHg	0121642-02
F2	12/11/20		1.616			SSE	165	0.7	F2 passive	ERG	0.051510246	19653	3.8 inHg	0122327-02
F2	12/17/20		0.745			WNW	296	3.2	F2 passive	ERG	0.051510246	18865	2.3 inHg	0122407-02
F2	12/17/20	QA	0.889		2	WNW	296	3.2	F2 passive QA	ERG	0.051510246	35131	0.0 inHg	0122407-03
F2	12/23/20		0.190			SE	125	1.8	F2 passive	ERG	0.051510246	A21013	5.1 inHg	1010625-02
F2	12/29/20		0.457		2	E	94	1.1	F2 passive	ERG	0.051510246	114366	0.0 inHg	1010524-02
F2	01/04/21		0.151			NW	318	1.4	F2 passive	ERG	0.051510246	A21026	3.8 inHg	1011516-02
F2	01/10/21		1.283			N	9	0.8	F2 passive	ERG	0.051510246	18889	2.3 inHg	1012723-02
F2	01/10/21	QA	1.623			N	9	0.8	F2 passive QA	ERG	0.051510246	SAT161	3 inHg	1012723-03
F2	01/16/21		0.394		LK	W	272	3.1	F2 passive	ERG	0.051510246	AZ45	3 inHg	1012723-05
F2	01/22/21		0.249			NNW	329	1	F2 passive	ERG	0.051510246	33544	3.9 inHg	1020317-02
F2	01/28/21		0.815			NW	325	5.5	F2 passive	ERG	0.051510246	SAT014	3.3 inHg	1020425-02
F2	02/03/21		0.273			NW	312	3.5	F2 passive	ERG	0.047172541	35143	2.8 inHg	1021020-03
F2	02/09/21		0.179			NE	41	1	F2 passive	ERG	0.047172541	18874	4.1 inHg	1021837-02
F2	02/09/21	QA	0.313			NE	41	1	F2 passive QA	ERG	0.047172541	SAT009	1.8inhg	1021837-03
F2	02/15/21		0.264		LK	E	83	2.8	F2 passive	ERG	0.047172541	SAT159	4.6 inHg	1030327-02
F2	02/21/21		0.126			SE	136	2.6	F2 passive	ERG	0.047172541	SAT070	2.3 inHg	1030327-03
F2	02/27/21		0.542		LK	NE	54	1.6	F2 passive	ERG	0.047172541	SAT110	3.7 inHg	1031122-02
F2	03/05/21			AF		NW	325	2.2	F2 passive				Did not Collect	No sample ID possible
F2	03/11/21		0.360		2	WNW	302	1.1	F2 passive	ERG	0.047172541	18825	6.8 inHg	1031636-02
F2	03/17/21		0.096		2	E	79	2.5	F2 passive	ERG	0.047172541	110335	6.9 inHg	1032433-02
F2	03/23/21		0.108		2	E	98	3	F2 passive	ERG	0.047172541	110306	7.5 inHg	1040823-02
F2	03/23/21	QA	0.162			E	98	3	F2 passive QA	ERG	0.047172541	110342	5.8 inHg	1040731-01
F2	03/29/21		0.178		2	NE	41	1.5	F2 passive	ERG	0.047172541	114340	8.1 inHg	1041342-01

F2	04/04/21		0.519		2	NW	321	0.7	F2 passive	ERG	0.047172541	SAT180	6.1 inHg	1042216-02
F2	04/10/21		0.524		LK, 2	S	175	2.9	F2 passive	ERG	0.047172541	AZ52	8 inHg	1042216-04
F2	04/16/21		0.257		2	N	4	0.9	F2 passive	ERG	0.047172541	18882	7.8 inHg	1042934-02
F2	04/22/21		0.179			NW	321	1.3	F2 passive	ERG	0.047172541	A21034	5.2 inHg	1043023-01
F2	04/22/21	QA	0.192		2	NW	321	1.3	F2 passive QA	ERG	0.047172541	114366	0.0 inHg	1050322-02
F2	04/28/21		0.419		2	SW	232	1.6	F2 passive	ERG	0.047172541	A22328	7.9 inHg	1051721-01
F2	05/04/21		0.273			SW	219	2.2	F2 passive	ERG	0.047172541	114348	5.8 inHg	1051941-02
F2	05/10/21		1.083		2	W	268	2.2	F2 passive	ERG	0.047172541	A21098	8.5 inHg	1051941-05
F2	05/16/21		0.141		2	SW	222	1.4	F2 passive	ERG	0.047172541	18822	6.9 inHg	1060324-03
F2	05/22/21		0.463		2	NE	40	0.5	F2 passive	ERG	0.047172541	19646	7.1 inHg	1060324-04
F2	05/28/21		0.333		LK				F2 passive	ERG	0.047172541	19296	4.3 inHg	1060836-03
F2	05/28/21	QA	0.210		LK	SW	219	2.8	F2 passive QA	ERG	0.047172541	A21109	5.1 inHg	1060923-01
F3	08/13/20		1.762			W	271	1.1	F3 passive	ERG	0.051510246	18883	4.8 inHg	0082115-04
F3	08/19/20		3.669		LK, 2	NE	54	1.4	F3 passive	ERG	0.051510246	5103	13.8 inHg	0082739-03
F3	08/25/20		0.911		2	ENE	59	1.5	F3 passive	ERG	0.051510246	18833	0.0 inHg	0090238-03
F3	08/31/20		0.987		2	WNW	290	1	F3 passive	ERG	0.051510246	A21040	0.0 inHg	0090830-03
F3	09/06/20		4.338		2, LK	NE	55	1.4	F3 passive	ERG	0.051510246	SAT157	0.0 inHg	0092333-03
F3	09/12/20		2.874		LK, 2	E	90	2.3	F3 passive	ERG	0.051510246	AZ45	0.0 inHg	0092333-06
F3	09/18/20		5.910			NNW	341	1.3	F3 passive	ERG	0.051510246	19280	5.6 inHg	0092510-02
F3	09/24/20		1.634		2	E	100	2.5	F3 passive	ERG	0.051510246	SAT101	7.5 inHg	0100212-03
F3	09/30/20		0.452		LK	W	267	1.6	F3 passive	ERG	0.051510246	5077	3.1 inHg	0100834-03
F3	10/06/20		1.075			NE	40	0.8	F3 passive	ERG	0.051510246	19282	2.9 inHg	0101530-03
F3	10/12/20		5.747		2	W	276	1.7	F3 passive	ERG	0.051510246	35138	0.0 inHg	0102301-03
F3	10/18/20		1.030			E	79	2.1	F3 passive	ERG	0.051510246	111211	1.8 inHg	0102915-03
F3	10/24/20		4.790		2	N	0	0.6	F3 passive	ERG	0.051510246	111217	12.5 inHg	0110528-03
F3	10/30/20			AP		NW	319	4	F3 passive	ERG		19276	VOID	No sample ID possible
F4	01/16/21		0.091			W	272	3.1	F4 passive	ERG	0.051510246	33498	3.8 inHg	1012723-06
F4	01/22/21		0.000		ND, U	NNW	329	1	F4 passive	ERG	0.051510246	19663	3.9 inHg	1020317-03
F4	01/28/21		0.000		ND, U	NW	325	5.5	F4 passive	ERG	0.051510246	SAT085	3.3 inHg	1020425-03
F4	02/03/21		0.000		ND, U	NW	312	3.5	F4 passive	ERG	0.047172541	111217	3.1 inHg	1021020-04
F4	02/09/21		0.112			NE	41	1	F4 passive	ERG	0.047172541	114348	4.5 inHg	1021837-04
F4	02/15/21		0.242			E	83	2.8	F4 passive	ERG	0.047172541	SAT157	4.7 inHg	1030327-04
F4	02/15/21	QA	0.284			E	83	2.8	F4 passive QA	ERG	0.047172541	SAT033	4.7inhg	1030327-05
F4	02/21/21		0.432		LK	SE	136	2.6	F4 passive	ERG	0.047172541	SAT142	2 inHg	1030327-06
F4	02/27/21		0.107			NE	54	1.6	F4 passive	ERG	0.047172541	19660	3.9 inHg	1031122-03
F4	03/05/21			AF		NW	325	2.2	F4 passive				Did not Collect	No sample ID possible
F4	03/11/21		0.333		LK	WNW	302	1.1	F4 passive	ERG	0.047172541	SAT058	5.8 inHg	1031636-03
F4	03/17/21		0.291			E	79	2.5	F4 passive	ERG	0.047172541	SAT087	4.1 inHg	1032433-03
F4	03/23/21		0.130			E	98	3	F4 passive	ERG	0.047172541	18824	5.0 inHg	1040823-03
F4	03/29/21		0.094			NE	41	1.5	F4 passive	ERG	0.047172541	18879	5.3 inHg	1041410-02
F4	04/04/21		0.147			NW	321	0.7	F4 passive	ERG	0.047172541	18884	3.5 inHg	1042123-01
F4	04/10/21		0.703			S	175	2.9	F4 passive	ERG	0.047172541	SAT042	5.9 inHg	1042216-05
F4	04/16/21		0.097			N	4	0.9	F4 passive	ERG	0.047172541	2527	5 inHg	1042934-03
F4	04/22/21		0.094		2	NW	321	1.3	F4 passive	ERG	0.047172541	33327	0.0 inHg	1050322-03
F4	04/28/21		0.401			SW	232	1.6	F4 passive	ERG	0.047172541	2240	5.9 inHg	1051247-02
F4	05/04/21		0.070			SW	219	2.2	F4 passive	ERG	0.047172541	19278	5.9 inHg	1051941-03
F4	05/10/21		0.099			W	268	2.2	F4 passive	ERG	0.047172541	18884	4.8 inHg	1051941-06
F4	05/16/21		0.150			SW	222	1.4	F4 passive	ERG	0.047172541	111217	4.7 inHg	1060324-05
F4	05/22/21		0.217		2	NE	40	0.5	F4 passive	ERG	0.047172541	33491	0.0 inHg	1060242-02
F4	05/28/21		0.206		LK	SW	219	2.8	F4 passive	ERG	0.047172541	19652	2.8 inHg	1060923-03

General Coffee	09/19/19	0.618		LK	E	80	3.9	General Coffee Xonteck 911	ERG	0.045184426	N4075	20 inHg	9092734-01
General Coffee	09/30/19		AN					General Coffee Xonteck 911	ERG		N4112	20 inHg	9100409-01
General Coffee	10/12/19	0.059			ESE	139	0.57	General Coffee Xonteck 911	ERG	0.045184426	2767	19 inHg	9101529-01
General Coffee	10/24/19	0.075			E	84	3.3	General Coffee Xonteck 911	ERG	0.045184426	A21071	20 inHg	9110120-01
General Coffee	11/05/19	0.174			NE	42	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT099	19 inHg	9111358-01
General Coffee	11/19/19	0.120		LK	W	285	1.7	General Coffee Xonteck 911	ERG	0.045184426	5136	22 inHg	9112612-01
General Coffee	11/29/19	0.151		LK	ENE	64	0.1	General Coffee Xonteck 911	ERG	0.045184426	SAT135	23 inHg	9120613-01
General Coffee	12/11/19	0.266		LK	NNE	19	4.1	General Coffee Xonteck 911	ERG	0.045184426	5022	21 inHg	9122020-01
General Coffee	12/23/19	0.040		U	WNW	320	2.4	General Coffee Xonteck 911	ERG	0.045184426	18870	21 inHg	9122720-01
General Coffee	01/04/20	0.358			WNW	320	5.3	General Coffee Xonteck 911	ERG	0.045184426	SAT160	20 inHg	0011011-01
General Coffee	01/16/20		AS	2	NW	311	2.8	General Coffee Xonteck 911	ERG	0.045184426	A21083	20 inHg	0012417-01
General Coffee	01/28/20	0.347			N	0	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT168	21 inHg	0021033-01
General Coffee	02/09/20	0.081			E	88	2.3	General Coffee Xonteck 911	ERG	0.045184426	A21054	23 inHg	0021823-01
General Coffee	02/21/20	0.076		LK	NE	35	5.5	General Coffee Xonteck 911	ERG	0.045184426	A21035	22 inHg	0030237-01
General Coffee	03/04/20	0.466			E	87	2	General Coffee Xonteck 911	ERG	0.051510246	SAT056	21 psig	0031322-01
General Coffee	03/16/20		AF		ESE	101	2.5	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	03/22/20	0.143		LK	ENE	69	3	General Coffee Xonteck 911	ERG	0.051510246	5035	21 psig	0040215-01
General Coffee	03/28/20	0.116			SW	227	3	General Coffee Xonteck 911	ERG	0.051510246	A21072	21 psig	0040215-02
General Coffee	04/09/20	0.180			W	281	3.2	General Coffee Xonteck 911	ERG	0.051510246	19645	22 psig	0042017-01
General Coffee	04/21/20		AF		WNW	285	2.3	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	04/27/20	1.074		2	NNW	330	2.6	General Coffee Xonteck 911	ERG	0.051510246	SAT063	23 psig	0050710-01
General Coffee	05/03/20	0.629		2, I-02	WSW	245	1.8	General Coffee Xonteck 911	ERG	0.051510246	SAT142	21 psig	0051506-01
General Coffee	05/15/20	0.566		LK, 2	ESE	115	2.2	General Coffee Xonteck 911	ERG	0.051510246	5064	22 psig	0052201-01
General Coffee	05/27/20		AF		ENE	60	1.7	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	06/02/20	0.201		2	ESE	110	1.8	General Coffee Xonteck 911	ERG	0.051510246	33535	19 psig	0061524-01
General Coffee	06/08/20	0.481		2	SSW	210	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT053	21 psig	0061907-01

General Coffee	06/20/20	0.524		2	SW	216	0.66	General Coffee Xonteck 911	ERG	0.051510246	SAT074	22 psig	0062610-01
General Coffee	07/02/20		SC		W	267	1.8	General Coffee Xonteck 911	ERG	0.051510246	35124	21 psig	0071020-01
General Coffee	07/14/20	1.518		LK, 2	W	258	1.2	General Coffee Xonteck 911	ERG	0.051510246	AZ38	22 psig	0072337-01
General Coffee	07/26/20	0.380		LK, 2	E	99	1.5	General Coffee Xonteck 911	ERG	0.051510246	5136	21 psig	0080616-01
General Coffee	08/07/20	0.336		2	S	189	1.2	General Coffee Xonteck 911	ERG	0.051510246	A21009	23 psig	0081411-01
General Coffee	08/19/20	0.181		LK	SSE	154	0.5	General Coffee Xonteck 911	ERG	0.051510246	5141	20 psig	0082819-01
General Coffee	08/31/20	1.023		2	W	266	1.2	General Coffee Xonteck 911	ERG	0.051510246	SAT082	21 psig	0091422-01
General Coffee	09/12/20	0.202		2	E	86	2.7	General Coffee Xonteck 911	ERG	0.051510246	18879	22 psig	0092511-01
General Coffee	09/24/20		AF		SE	138	1.5	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	09/30/20	0.109		2	NNW	336	1	General Coffee Xonteck 911	ERG	0.051510246	18835	22 psig	0100913-01
General Coffee	10/06/20	0.213		2	ENE	60	2.8	General Coffee Xonteck 911	ERG	0.051510246	19641	22 psig	0101607-01
General Coffee	10/18/20	0.244		2	ENE	67	2.7	General Coffee Xonteck 911	ERG	0.051510246	A21086	21 psig	0102918-01
General Coffee	10/30/20	0.215		2	NNW	332	3	General Coffee Xonteck 911	ERG	0.051510246	A21028	23 psig	0110605-01
General Coffee	11/11/20	2.783		LK, 2	ESE	122	1.7	General Coffee Xonteck 911	ERG	0.051510246	35103	22 psig	0112316-01
General Coffee	11/23/20	0.046		VB, 2	N	357	2.1	General Coffee Xonteck 911	ERG	0.051510246	19284	24 psig	0120409-01
General Coffee	12/05/20	0.186		2, LK	NNW	327	2.4	General Coffee Xonteck 911	ERG	0.051510246	A21073		0121804-01
General Coffee	12/17/20	0.037		2, VB	NW	313	2.3	General Coffee Xonteck 911	ERG	0.051510246	18829	21 psig	0122329-01
General Coffee	12/29/20		AF		E	87	1.4	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	01/04/21	0.043		2, VB				General Coffee Xonteck 911	ERG	0.051510246	33243	22 psig	1011926-01
General Coffee	01/10/21		AF		NNW	346	0.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	01/16/21		AF		W	273	3	General Coffee Xonteck 911	ERG		18869	Did not Collect	1012901-01
General Coffee	01/22/21	0.987		LK, 2	N	8	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT101	22 psig	1012901-02
General Coffee	02/03/21		AF		NW	316	2.3	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/09/21		AN		ESE	108	0.8	General Coffee Xonteck 911	ERG		114340	VOID	1022520-01
General Coffee	02/15/21		AF		SSE	147	2.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/21/21	0.186			ESE	105	2.7	General Coffee Xonteck 911	ERG	0.047172541	SAT109	19 psig	1030427-01

General Coffee	02/27/21	0.000		ND, U, 2	WSW	239	1.3	General Coffee Xonteck 911	ERG	0.047172541	19647	21 psig	1030427-02
General Coffee	03/11/21		AR		SSE	148	0.9	General Coffee passive	ERG		19643	VOID	1031827-01
General Coffee	03/11/21	0.063		2	SSE	148	0.9	General Coffee Xonteck 911	ERG	0.047172541	18823	22 psig	1031827-02
General Coffee	03/23/21		AR		E	87	1.5	General Coffee Xonteck 911	ERG		SAT156	VOID	1040213-01
General Coffee	03/23/21	0.432		LK, 2	E	87	1.5	General Coffee passive	ERG	0.047172541	SAT183	0.0 inHg	1040213-02
General Coffee	04/04/21	0.495		LK, 2	WSW	238	0.5	General Coffee Xonteck 911	ERG	0.047172541	SAT125	23 psig	1041610-01
General Coffee	04/16/21	0.530		LK, 2	NNE	21	1.4	General Coffee Xonteck 911	ERG	0.047172541	AZ50	23 psig	1042306-01
General Coffee	04/28/21	0.390		LK, 2	NW	307	3.8	General Coffee Xonteck 911	ERG	0.047172541	A21007	22 psig	1051017-01
General Coffee	05/10/21	0.786		LK, 2	WSW	240	2.6	General Coffee Xonteck 911	ERG	0.047172541	SAT077	21 psig	1052114-01
General Coffee	05/22/21	0.249		LK, 2	E	88	1.7	General Coffee Xonteck 911	ERG	0.047172541	N4114	22 psig	1052813-01
NR285	03/10/20	0.374		2	SW	215	0.3	NR285 Xonteck 910	ERG	0.051510246	A21033		0031723-01
NR285	03/22/20	0.367			E	90	0.8	NR285 Xonteck 910	ERG	0.051510246	A22329		0040114-03
NR285	05/09/20	0.070		2	WNW	291	0.3	NR285 Xonteck 910	ERG	0.051510246	19647		0051509-01
NR285	06/14/20	0.262			ESE	119	0.1	NR285 Xonteck 910	ERG	0.051510246	A21046		0062523-01
NR285	01/04/21	0.072			WNW	287	0.3	NR285 Xonteck 910	ERG	0.051510246	SAT053		1011328-05
NR285	01/16/21	0.113			WNW	287	0.8	NR285 Xonteck 910	ERG	0.051510246	35157		1012725-03
NR285	01/28/21	0.000		ND, U, 2	NW	319	1.2	NR285 Xonteck 910	ERG	0.051510246	19288	12.8 psig	1020518-03
NR285	02/09/21	0.083			ENE	60	0.1	NR285 passive	ERG	0.047172541	114322	2.0 inHg	1021909-01
NR285	02/09/21	0.336			ENE	60	0.1	NR285 Xonteck 910	ERG	0.047172541	SAT107	18.3 inHg	1021909-02
NR285	02/21/21	0.076			SE	125	0.8	NR285 Xonteck 910	ERG	0.047172541	A21044	17.9 psig	1030511-06
NR285	02/21/21	0.237			SE	125	0.8	NR285 passive	ERG	0.047172541	A21099	1.8 inHg	1030511-05
NR285	04/22/21	0.051			WNW	290	0.2	NR285 Xonteck 910	ERG	0.047172541	19295	19 psig	1050320-01
NR285	05/04/21	0.080		2	SSW	212	0.1	NR285 Xonteck 910	ERG	0.047172541	19283	19.5 psig	1051938-01
NR285	05/16/21	0.542		2	SSW	205	0.2	NR285 Xonteck 910	ERG	0.047172541	A21012	19 psig	1060326-01
S1	09/24/19		AN		NW	304	2.5	S1 passive	ERG		SAT004	29.0 inHg	9092733-01
S1	09/26/19		AN		NW	313	1.7	S1 passive				VOID	No sample ID possible
S1	09/30/19	0.193		LK	N	7	0.9	S1 passive	ERG	0.045184426	18831	4.1 inHg	9100318-01
S1	10/03/19	0.311		LK	WNW	303	0.8	S1 passive	ERG	0.045184426	18833	5.0 inHg	9100921-02
S1	10/06/19	0.056			E	87	3.8	S1 passive	ERG	0.045184426	19653	3.8 inHg	9100921-06

S1	10/12/19	0.213		LK	NW	304	2.2	S1 passive	ERG	0.045184426	5013	5.3 inHg	9101802-01
S1	10/18/19	0.123		LK	E	85	2.3	S1 passive	ERG	0.045184426	5017	4.0 inHg	9102414-01
S1	10/24/19	0.100		LK	E	85	1.8	S1 passive	ERG	0.045184426	A21069	4.0 inHg	9103068-01
S1	11/20/19	0.273		LK, 2	NW	310	3.2	S1 passive	ERG	0.045184426	SAT003	6.5 inHg	9112204-01
S1	11/23/19	0.361		LK, 2	WSW	244	4.2	S1 passive	ERG	0.045184426	AZ39	8.0 inHg	9112712-01
S1	11/29/19	0.157		LK, 2	NW	317	1.3	S1 passive	ERG	0.045184426	SAT155	7.0 inHg	9120611-01
S1	12/05/19	0.159		LK	WNW	295	2.1	S1 passive	ERG	0.045184426	19668	3.2 inHg	9121206-01
S1	12/11/19	0.215		LK	NW	320	3.1	S1 passive	ERG	0.045184426	SAT079	4.9 inHg	9121840-01
S1	12/17/19	0.369		LK, 2	WNW	294	6.1	S1 passive	ERG	0.045184426	5019	8.2 inHg	0010321-01
S1	12/23/19		AN		ENE	67	4.7	S1 passive	ERG		5077	1.2 inHg	0010321-05
S1	12/31/19	0.051		2	W	275	6.2	S1 passive	ERG	0.045184426	18808	0.0 inHg	0010716-01
S1	01/04/20	0.237		2, LK	WNW	285	7.3	S1 passive	ERG	0.045184426	SAT080	0.0 inHg	0011422-01
S1	01/10/20	0.298		LK	ESE	104	5.5	S1 passive	ERG	0.045184426	5020	1.4 inHg	0011617-01
S1	01/16/20	0.703		LK	NW	311	5.4	S1 passive	ERG	0.045184426	5051	2.4 inHg	0012315-01
S1	01/22/20	0.734		2	ENE	78	2.2	S1 passive	ERG	0.045184426	SAT014	0.0 inHg	0013009-01
S1	01/28/20	0.318		2	WNW	301	2.5	S1 passive	ERG	0.045184426	SAT086	0.0 inHg	0020525-01
S1	02/03/20	0.849		LK	SSW	211	1.9	S1 passive	ERG	0.045184426	5080	1.0 inHg	0021216-01
S1	02/09/20	0.772		LK, 2	ESE	103	3	S1 passive	ERG	0.045184426	5129	10.2 inHg	0021825-01
S1	02/15/20	0.278			E	93	2.4	S1 passive	ERG	0.045184426	19668	2.0 inHg	0022612-01
S1	02/21/20	2.585		2, LK	NW	321	2.7	S1 passive	ERG	0.045184426	A21059	0.0 inHg	0030235-01
S1	02/27/20	0.457		LK, 2	WNW	301	5.1	S1 passive	ERG	0.045184426	5121	0.0 inHg	0030536-01
S1	03/04/20	0.183		LK, 2	WSW	241	1.6	S1 passive	ERG	0.051510246	19650	0.0 inHg	0031013-01
S1	03/10/20	0.333			SSW	197	2.1	S1 passive	ERG	0.051510246	2240	4.2 inHg	0031722-01
S1	03/28/20	0.184		2	SW	220	2.8	S1 passive	ERG	0.051510246	19297	6.9 inHg	0040817-01
S1	04/03/20	0.132			WNW	284	1.7	S1 passive	ERG	0.051510246	18823	4.3 inHg	0041003-01
S1	04/09/20	0.441			WNW	292	5	S1 passive	ERG	0.051510246	SAT082	6.0 inHg	0041620-01
S1	04/15/20	0.219			NW	320	4.3	S1 passive	ERG	0.051510246	SAT096	3.9 inHg	0042217-01
S1	04/21/20	0.860		LK, 2	WNW	288	4.4	S1 passive	ERG	0.051510246	5086	5.8 inHg	0050113-01
S1	04/27/20	0.111			WNW	302	3.5	S1 passive	ERG	0.051510246	18827	4.0 inHg	0050617-01
S1	05/03/20	0.571		LK, 2	WSW	255	2.6	S1 passive	ERG	0.051510246	5065	7.2 inHg	0051409-01
S1	05/09/20	1.215		LK	NW	320	3.6	S1 passive	ERG	0.051510246	5040	4.7 inHg	0051830-01
S1	05/15/20	0.115			SE	130	3.2	S1 passive	ERG	0.051510246	18870	5.9 inHg	0052846-01
S1	05/21/20	0.074			E	85	1.7	S1 passive	ERG	0.051510246	19280	4.9 inHg	0052917-02
S1	05/27/20	0.701			E	90	3.2	S1 passive	ERG	0.051510246	SAT111	5.8 inHg	0060506-01
S1	06/02/20	0.569			S	185	1.7	S1 passive	ERG	0.051510246	SAT048	5.5 inHg	0061733-01
S1	06/08/20	0.176			ESE	120	4.4	S1 passive	ERG	0.051510246	SAT044	6.0 inHg	0061733-05
S1	06/14/20	1.292		LK, 2	ENE	70	1.7	S1 passive	ERG	0.051510246	5051	6.2 inHg	0062524-01
S1	06/20/20	0.398		LK, 2	NW	321	1.5	S1 passive	ERG	0.051510246	5127	6.8 inHg	0062611-01
S1	06/26/20	0.439			W	275	3.5	S1 passive	ERG	0.051510246	19289	5.5 inHg	0070604-01
S1	07/02/20	0.138		2	WNW	301	2.1	S1 passive	ERG	0.051510246	19660	6.5 inHg	0070929-01
S1	07/08/20	0.325		LK	W	280	1	S1 passive	ERG	0.051510246	5032	7.0 inHg	0071532-01
S1	07/14/20	0.150			WSW	253	1.3	S1 passive	ERG	0.051510246	18870	6.0 inHg	0072413-01
S1	07/20/20	1.097			WSW	258	1	S1 passive	ERG	0.051510246	SAT152	2.9 inHg	0072930-01
S1	07/26/20	0.181		2	NNW	340	0.9	S1 passive	ERG	0.051510246	19662	0.0 inHg	0080535-01
S1	08/01/20	0.671		LK	SW	216	2.9	S1 passive	ERG	0.051510246	SAT067	2.3 inHg	0081226-01
S1	08/07/20	1.028		LK	NE	50	1.7	S1 passive	ERG	0.051510246	5090	2.9 inHg	0081932-01
S1	08/13/20	0.558			ESE	109	1.7	S1 passive	ERG	0.051510246	A22330	2.1 inHg	0082116-01
S1	08/19/20	1.099		LK, 2	SE	125	1.9	S1 passive	ERG	0.051510246	AZ53	10.0 inHg	0082740-01
S1	08/25/20	1.113			E	97	1.2	S1 passive	ERG	0.051510246	SAT033	1.9 inHg	0090237-01
S1	08/31/20	0.578			WSW	238	0.7	S1 passive	ERG	0.051510246	A21001	2.1 inHg	0090831-01
S1	09/06/20	0.517		LK	ENE	57	1.7	S1 passive	ERG	0.051510246	AZ41	1.2 inHg	0092336-01
S1	09/12/20	2.006			ESE	105	2.6	S1 passive	ERG	0.051510246	SAT011	2.9 inHg	0092336-04

S1	09/18/20		0.481		LK	NNW	331	2.4	S1 passive	ERG	0.051510246	5043	3.5 inHg	0092509-01
S1	09/24/20		0.396		LK	ESE	104	4.1	S1 passive	ERG	0.051510246	5128	3.2 inHg	0100211-01
S1	09/30/20		0.095		2	WNW	283	1.8	S1 passive	ERG	0.051510246	110335	0.0 inHg	0100832-01
S1	10/06/20		0.161			E	87	1.2	S1 passive	ERG	0.051510246	19658	1.8 inHg	0101529-01
S1	10/12/20		1.099			WNW	283	1.9	S1 passive	ERG	0.051510246	A21006	2.0 inHg	0102302-01
S1	10/18/20		0.145			E	94	2.4	S1 passive	ERG	0.051510246	114329	1.1 inHg	0102914-01
S1	10/24/20		0.112		2	N	3	1.1	S1 passive	ERG	0.051510246	114348	10.4 inHg	0110518-01
S1	10/30/20		1.551		2, LK	NW	310	4.8	S1 passive	ERG	0.051510246	SAT184	0.0 inHg	0110604-01
S1	11/05/20		0.929		2, LK	E	93	0.8	S1 passive	ERG	0.051510246	SAT051	0.0 inHg	0111209-01
S1	11/11/20		0.219			S	170	1.3	S1 passive	ERG	0.051510246	SAT061	3.5 inHg	0112512-01
S1	11/17/20		0.730		2, LK	NW	314	4.7	S1 passive	ERG	0.051510246	35111	0.0 inHg	0112512-05
S1	11/23/20		0.390		2, LK	NW	316	3.5	S1 passive	ERG	0.051510246	SAT110	0.0 inHg	0120410-01
S1	11/29/20		0.278		LK	ESE	103	2.8	S1 passive	ERG	0.051510246	5145	2.8 inHg	0120410-02
S1	12/05/20		0.069			WNW	291	3.5	S1 passive	ERG	0.051510246	19290	1.0 inHg	0121638-01
S1	12/11/20		0.164		LK	SSE	148	1	S1 passive	ERG	0.051510246	5054	2.3 inHg	0122325-01
S1	12/17/20		0.441		2	WNW	293	4.8	S1 passive	ERG	0.051510246	35147	0.0 inHg	0122408-01
S1	12/23/20		0.099			ESE	114	3.3	S1 passive	ERG	0.051510246	19642	2.1 inHg	1010627-01
S1	12/29/20		0.088			E	100	2	S1 passive	ERG	0.051510246	110322	2.1 inHg	1010523-01
S1	01/04/21		0.071			SSW	292	1.9	S1 passive	ERG	0.051510246	19278	1.7 inHg	1011515-01
S1	01/10/21		0.248		2, LK	ENE	60	1.5	S1 passive	ERG	0.051510246	SAT110	0.0 inHg	1012724-01
S1	01/16/21		0.097			W	268	4.4	S1 passive	ERG	0.051510246	19340	1.0 inHg	1012724-06
S1	01/22/21		0.000		ND, U, 2	NNW	329	1	S1 passive	ERG	0.051510246	19277	0.0 inHg	1020318-01
S1	01/28/21		0.499			NW	317	6.6	S1 passive	ERG	0.051510246	SAT058	1.6 inHg	1020424-01
S1	02/03/21		0.387		2	NW	308	4.2	S1 passive	ERG	0.047172541	SAT069	0.0 inHg	1021021-01
S1	02/03/21	QA	0.085		2	NW	308	4.2	S1 passive QA	ERG	0.047172541	114336	0.0 inHg	1021021-02
S1	02/09/21		0.082			ENE	69	1.5	S1 passive	ERG	0.047172541	9570	2.1 inHg	1021828-01
S1	02/15/21		0.300			E	98	3.7	S1 passive	ERG	0.047172541	SAT184	2.8 inHg	1030328-01
S1	02/21/21		0.280		2	ESE	122	4.3	S1 passive	ERG	0.047172541	SAT039	0.0 inHg	1030328-06
S1	02/27/21		0.128		2	ESE	107	2.4	S1 passive	ERG	0.047172541	19289	0.0 inHg	1031031-01
S1	03/05/21			AF		NW	322	3.2	S1 passive	ERG	0.0472		Did not Collect	No sample ID possible
S1	03/11/21		0.125			SSW	194	1.6	S1 passive	ERG	0.047172541	18817	5.9 inHg	1031638-01
S1	03/17/21		0.275		2	ESE	103	3.1	S1 passive	ERG	0.047172541	213	8.2 inHg	1032431-01
S1	03/23/21		0.132		2	ESE	110	4.3	S1 passive	ERG	0.047172541	18836	8.6 inHg	1040821-01
S1	03/29/21			AA		NNW	343	2.1	S1 passive	ERG	0.047172541	18836	VOID	1041340-01
S1	04/04/21		0.133			WNW	291	1.7	S1 passive	ERG	0.047172541	33235	5.8 inHg	1042122-01
S1	04/10/21		0.172			SSE	161	3.8	S1 passive	ERG	0.047172541	19654	6.0 inHg	1042219-04
S1	04/16/21		0.237		2	NNW	333	2.2	S1 passive	ERG	0.047172541	A21055	0.0 inHg	1042935-01
S1	04/22/21		0.159		2	WNW	290	1.7	S1 passive	ERG	0.047172541	A21036	6.2 inHg	1043024-01
S1	04/28/21		0.138			SSW	204	1.7	S1 passive	ERG	0.047172541	114322	6.0 inHg	1051246-01
S1	05/04/21		0.199			SSW	200	2.5	S1 passive	ERG	0.047172541	33503	5.2 inHg	1051939-01
S1	05/10/21		0.093		2	W	278	3	S1 passive	ERG	0.047172541	114386	6.4 inHg	1051939-05
S1	05/16/21		0.215			SSW	198	1.2	S1 passive	ERG	0.047172541	19654	5.1 inHg	1060325-01
S1	05/22/21		0.202		2	ENE	69	1.1	S1 passive	ERG	0.047172541	19294	6.1 inHg	1060325-02
S1	05/28/21		0.436		LK	SW	232	3.2	S1 passive	ERG	0.047172541	A21073	4 inHg	1060925-01
S2	09/24/19		0.325		LK, 2	NW, W	304	2.5	S2 passive	ERG	0.045184426	SAT023	6.5 inHg	9092733-02
S2	09/26/19		0.217		LK, 2	NW	313	1.7	S2 passive	ERG	0.045184426	A21104	6.1 inHg	9100318-02
S2	09/30/19		0.296		LK, 2	N	7	0.9	S2 passive	ERG	0.045184426	SAT155	0.0 inHg	9100318-03
S2	10/03/19		0.403		LK	WNW	303	0.8	S2 passive	ERG	0.045184426	SAT135	4.9 inHg	9100921-04
S2	10/06/19		0.118		LK	E	87	3.8	S2 passive	ERG	0.045184426	5005	5.9 inHg	9100921-09
S2	10/12/19		0.269		LK	NW	304	2.2	S2 passive	ERG	0.045184426	5040	4.8 inHg	9101802-02
S2	10/18/19		0.069			E	85	2.3	S2 passive	ERG	0.045184426	18882	2.1 inHg	9102414-02

S2	10/24/19	0.054			E	85	1.8	S2 passive	ERG	0.045184426	19300	3.2 inHg	9103068-02
S2	11/20/19	0.186		LK	NW	310	3.2	S2 passive	ERG	0.045184426	5005	2.9 inHg	9112204-02
S2	11/23/19	0.392			WSW	244	4.2	S2 passive	ERG	0.045184426	SAT049	3.1 inHg	9112712-02
S2	11/29/19	0.162		LK	NW	317	1.3	S2 passive	ERG	0.045184426	SAT086	3.1 inHg	9120611-02
S2	12/05/19	0.165		LK, 2	WNW	295	2.1	S2 passive	ERG	0.045184426	SAT030	0.0 inHg	9121206-02
S2	12/11/19	0.034		U, 2	NW	320	3.1	S2 passive	ERG	0.045184426	19299	0.0 inHg	9121840-02
S2	12/17/19	0.361		2	WNW	294	6.1	S2 passive	ERG	0.045184426	SAT091	0.0 inHg	0010321-02
S2	12/23/19		AF		ENE	67	4.7	S2 passive				Did not Collect	No sample ID possible
S2	12/31/19		AF		W	275	6.2	S2 passive				Did not Collect	No sample ID possible
S2	01/04/20		AF		WNW	285	7.3	S2 passive				Did not Collect	No sample ID possible
S2	01/10/20	0.322		LK	ESE	104	5.5	S2 passive	ERG	0.045184426	AZ51	2.2 inHg	0011617-02
S2	01/16/20	0.257		LK	NW	311	5.4	S2 passive	ERG	0.045184426	5146	4.1 inHg	0012315-02
S2	01/22/20	0.099		2	ENE	78	2.2	S2 passive	ERG	0.045184426	SAT126	0.0 inHg	0013009-02
S2	01/28/20	0.401		2	WNW	301	2.5	S2 passive	ERG	0.045184426	SAT076	0.0 inHg	0020525-02
S2	02/03/20	0.781		2	SSW	211	1.9	S2 passive	ERG	0.045184426	SAT048	0.0 inHg	0021216-02
S2	02/09/20		AO		ESE	103	3	S2 passive	ERG		19276	VOID	0021825-02
S2	02/15/20	0.797		2	E	93	2.4	S2 passive	ERG	0.045184426	SAT025	9.4 inHg	0022612-02
S2	02/21/20		AN		NW	321	2.7	S2 passive	ERG		18836	22.8 inHg	0030235-02
S2	02/27/20	0.148		LK	WNW	301	5.1	S2 passive	ERG	0.045184426	19663	2.2 inHg	0030536-02
S2	03/04/20	0.407		LK	WSW	241	1.6	S2 passive	ERG	0.051510246	SAT179	4.1 inHg	0031136-01
S2	03/10/20	0.237			SSW	197	2.1	S2 passive	ERG	0.051510246	18877	3.2 inHg	0031722-02
S2	03/28/20	0.781		LK	SW	220	2.8	S2 passive	ERG	0.051510246	SAT159	6.0 inHg	0040817-02
S2	04/03/20	0.085			WNW	284	1.7	S2 passive	ERG	0.051510246	19296	4.1 inHg	0041003-02
S2	04/09/20	0.544		LK	WNW	292	5	S2 passive	ERG	0.051510246	5023	6.0 inHg	0041620-02
S2	04/15/20	0.484		LK	NW	320	4.3	S2 passive	ERG	0.051510246	5079	3.8 inHg	0042217-02
S2	04/21/20	0.408		LK, 2	WNW	288	4.4	S2 passive	ERG	0.051510246	5101	4.9 inHg	0050113-02
S2	04/27/20	1.263		LK, 2	WNW	302	3.5	S2 passive	ERG	0.051510246	5000	4.2 inHg	0050617-02
S2	05/03/20		BI		WSW	255	2.6	S2 passive	ERG		18879	5.7 inHg	0051409-02
S2	05/09/20		BI		NW	320	3.6	S2 passive	ERG		19297	2.0 inHg	0051505-01
S2	05/15/20	0.573			SE	130	3.2	S2 passive	ERG	0.051510246	SAT183	5.3 inHg	0052846-02
S2	05/21/20	0.784		LK	E	85	1.7	S2 passive	ERG	0.051510246	SAT184	4.1 inHg	0052917-03
S2	05/27/20	0.795			NNW	330	2.6	S2 passive	ERG	0.051510246	35141	3.8 inHg	0060506-02
S2	06/02/20	0.761		LK	S	185	1.7	S2 passive	ERG	0.051510246	5073	5.8 inHg	0061733-02
S2	06/08/20	0.647			ESE	120	4.4	S2 passive	ERG	0.051510246	19662	4.8 inHg	0061733-06
S2	06/14/20	1.037		LK	ENE	70	1.7	S2 passive	ERG	0.051510246	SAT159	4.0 inHg	0062524-02
S2	06/20/20	0.587			NW	321	1.5	S2 passive	ERG	0.051510246	SAT103	5.2 inHg	0062611-02
S2	06/26/20	0.508		LK	W	275	3.5	S2 passive	ERG	0.051510246	5077	5.2 inHg	0070604-02
S2	07/02/20	0.197		LK	WNW	301	2.1	S2 passive	ERG	0.051510246	SAT051	5.6 inHg	0070929-02
S2	07/08/20	0.179			W	280	1	S2 passive	ERG	0.051510246	19644	4.7 inHg	0071532-02
S2	07/14/20	0.396			WSW	253	1.3	S2 passive	ERG	0.051510246	SAT024	5.8 inHg	0072413-02
S2	07/20/20	0.314		2	WSW	258	1	S2 passive	ERG	0.051510246	19651	0.0 inHg	0072930-02
S2	07/26/20	0.222			NNW	340	0.9	S2 passive	ERG	0.051510246	SAT044	1.8 inHg	0080535-02
S2	08/01/20	1.001		2, LK	SW	216	2.9	S2 passive	ERG	0.051510246	SAT122	0.0 inHg	0081226-02
S2	08/07/20	1.533		2	NE	50	1.7	S2 passive	ERG	0.051510246	SAT029	0.0 inHg	0081932-02
S2	08/13/20	0.994		LK	ESE	109	1.7	S2 passive	ERG	0.051510246	5082	2.8 inHg	0082116-02
S2	08/19/20	0.777			SE	125	1.9	S2 passive	ERG	0.051510246	SAT182	3.9 inHg	0082740-02
S2	08/25/20	0.768		2	E	97	1.2	S2 passive	ERG	0.051510246	33266	14.0 inHg	0090237-02
S2	08/31/20	0.604		2	WSW	238	0.7	S2 passive	ERG	0.051510246	18870	0.0 inHg	0090831-02
S2	09/06/20	0.745		LK	ENE	57	1.7	S2 passive	ERG	0.051510246	5105	1.2 inHg	0092336-02

S2	09/12/20		0.170			ESE	105	2.6	S2 passive	ERG	0.051510246	19288	2.8 inHg	0092336-05
S2	09/18/20		1.289		LK	NNW	331	2.4	S2 passive	ERG	0.051510246	SAT109	2.1 inHg	0092509-02
S2	09/24/20		0.580		3	ESE	104	4.1	S2 passive	ERG	0.051510246	A21095	2.8 inHg	0100211-02
S2	09/30/20		0.819		3, LK	WNW	283	1.8	S2 passive	ERG	0.051510246	5063	2.8 inHg	0100832-02
S2	10/06/20		0.098		3	E	87	1.2	S2 passive	ERG	0.051510246	33238	1.7 inHg	0101529-02
S2	10/12/20		0.333		3	WNW	283	1.9	S2 passive	ERG	0.051510246	A21011	2.9 inHg	0102302-02
S2	10/18/20		0.119		3	E	94	2.4	S2 passive	ERG	0.051510246	110252	1.2 inHg	0102914-02
S2	10/24/20		0.132		2, 3	N	3	1.1	S2 passive	ERG	0.051510246	110258	9.8 inHg	0110518-02
S2	10/30/20		0.154		2, 3	NW	310	4.8	S2 passive	ERG	0.051510246	18833	0.0 inHg	0110923-01
S2	11/05/20		0.199		LK, 2, 3	E	93	0.8	S2 passive	ERG	0.051510246	AZ45	0.0 inHg	0111209-02
S2	11/11/20		6.470		3, LK	S	170	1.3	S2 passive	ERG	0.051510246	35118	3.6 inHg	0112512-02
S2	11/17/20		0.091		3	NW	314	4.7	S2 passive	ERG	0.051510246	33243	1.2 inHg	0112512-06
S2	11/23/20		0.178		3	NW	316	3.5	S2 passive	ERG	0.051510246	35148	1.2 inHg	0120410-03
S2	11/29/20		0.284		3, LK	ESE	103	2.8	S2 passive	ERG	0.051510246	5125	3.8 inHg	0120410-04
S2	12/05/20		0.193		3, LK	WNW	291	3.5	S2 passive	ERG	0.051510246	SAT039	1.2 inHg	0121638-02
S2	12/11/20		0.081		3	SSE	148	1	S2 passive	ERG	0.051510246	19648	2.1 inHg	0122325-02
S2	12/17/20		0.051		2, 3, U	WNW	293	4.8	S2 passive	ERG	0.051510246	18835	0.0 inHg	0122408-02
S2	12/23/20		0.052		3	ESE	114	3.3	S2 passive	ERG	0.051510246	AQL0397	1.9 inHg	1010627-02
S2	12/29/20		0.246		3	E	100	2	S2 passive	ERG	0.051510246	SAT097	2.2 inHg	1010523-02
S2	01/04/21		0.174		3	SSW	292	1.9	S2 passive	ERG	0.051510246	A21106	1.4 inHg	1011515-02
S2	01/10/21		0.251		LK, 3, 2	ENE	60	1.5	S2 passive	ERG	0.051510246	SAT077	0.0 inHg	1012724-02
S2	01/16/21		0.043		3, VB	W	268	4.4	S2 passive	ERG	0.051510246	19293	1.1 inHg	1012724-07
S2	01/22/21		0.000		ND, U, 2, 3	NNW	329	1	S2 passive	ERG	0.051510246	A21034	0.0 inHg	1020318-02
S2	01/28/21		0.000		ND, U, 3	NW	317	6.6	S2 passive	ERG	0.051510246	SAT151	1.8 inHg	1020424-02
S2	02/03/21		0.000		ND, U, 3, 2	NW	308	4.2	S2 passive	ERG	0.047172541	114344	0.0 inHg	1021021-03
S2	02/09/21		0.063		3	ENE	69	1.5	S2 passive	ERG	0.047172541	111211	2.9 inHg	1021828-02
S2	02/09/21	QA	0.374		LK, 3, 2	ENE	69	1.5	S2 passive QA	ERG	0.047172541	SAT122	0.0 inHg	1021828-03
S2	02/15/21		0.143		3, LK	E	98	3.7	S2 passive	ERG	0.047172541	AZ41	2.9 inHg	1030328-02
S2	02/21/21		0.115		2, 3, LK	ESE	122	4.3	S2 passive	ERG	0.047172541	SAT028	0.0 inHg	1030328-07
S2	02/27/21		0.072		3	ESE	107	2.4	S2 passive	ERG	0.047172541	33235	2.8 inHg	1031120-01
S2	03/05/21			AF		NW	322	3.2	S2 passive		0.0472		Did not Collect	No sample ID possible
S2	03/11/21		0.383		3, LK	SSW	194	1.6	S2 passive	ERG	0.047172541	5004	4.6 inHg	1031638-02
S2	03/17/21		0.157		2, 3	ESE	103	3.1	S2 passive	ERG	0.047172541	110252	6.8 inHg	1032431-02
S2	03/23/21		0.199		3	ESE	110	4.3	S2 passive	ERG	0.047172541	18872	3.7 inHg	1040821-02
S2	03/29/21		0.396		3, LK	NNW	343	2.1	S2 passive	ERG	0.047172541	A21071	4.2 inHg	1041340-03
S2	04/04/21		0.549		3, LK	WNW	291	1.7	S2 passive	ERG	0.047172541	SAT175	2.2 inHg	1042219-01
S2	04/10/21		0.086		3	SSE	161	3.8	S2 passive	ERG	0.047172541	111217	4.5 inHg	1042219-05
S2	04/16/21		0.078		3	NNW	333	2.2	S2 passive	ERG	0.047172541	19280	4.6 inHg	1042935-02
S2	04/22/21		0.085		3	WNW	290	1.7	S2 passive	ERG	0.047172541	19288	1.8 inHg	1043024-02
S2	04/28/21		0.302		3	SSW	204	1.7	S2 passive	ERG	0.047172541	44	5.0 inHg	1051246-02
S2	05/04/21		0.300		3	SSW	200	2.5	S2 passive	ERG	0.047172541	A21106	4.2 inHg	1051939-02
S2	05/10/21		0.091		3	W	278	3	S2 passive	ERG	0.047172541	18833	4.3 inHg	1051939-06
S2	05/16/21		0.102		3	SSW	198	1.2	S2 passive	ERG	0.047172541	19657	3.8 inHg	1060325-03
S2	05/22/21		0.128		3	ENE	69	1.1	S2 passive	ERG	0.047172541	19665	4 inHg	1060241-02
S2	05/28/21		0.109		3	SW	232	3.2	S2 passive	ERG	0.047172541	111211	4.8 inHg	1060925-02
S3	09/24/19		0.540			NW, W	304	2.5	S3 passive	ERG	0.045184426	18834	3.0 inHg	9092733-03
S3	09/26/19		0.104			NW	313	1.7	S3 passive	ERG	0.045184426	18879	6.0 inHg	9100318-04
S3	09/30/19		0.061		2	N	7	0.9	S3 passive	ERG	0.045184426	19650	7.0 inHg	9100318-05
S3	10/03/19		0.170		LK, 2	WNW	303	0.8	S3 passive	ERG	0.045184426	19289	7.1 inHg	9100921-03

S3	10/06/19	0.228		LK, 2	E	87	3.8	S3 passive	ERG	0.045184426	N4087	6.5 inHg	9100921-05
S3	10/12/19	0.208		2	NW	304	2.2	S3 passive	ERG	0.045184426	SAT058	6.8 inHg	9101802-03
S3	10/18/19	0.184		LK	E	85	2.3	S3 passive	ERG	0.045184426	SAT110	6.0 inHg	9102414-03
S3	10/24/19	0.064			E	85	1.8	S3 passive	ERG	0.045184426	A21104	6.0 inHg	9103068-03
S3	11/20/19	0.325		LK	NW	310	3.2	S3 passive	ERG	0.045184426	SAT012	5.9 inHg	9112204-03
S3	11/23/19	0.414		LK, 2	WSW	244	4.2	S3 passive	ERG	0.045184426	AZ47	6.5 inHg	9112712-03
S3	11/29/19	0.249		LK, 2	NW	317	1.3	S3 passive	ERG	0.045184426	5045	7.1 inHg	9120611-03
S3	12/05/19	0.027		LK, U, 2	WNW	295	2.1	S3 passive	ERG	0.045184426	18883	6.2 inHg	9121206-03
S3	12/11/19	0.114		LK, 2	NW	320	3.1	S3 passive	ERG	0.045184426	5071	0.0 inHg	9121840-03
S3	12/17/19	0.081		2	WNW	294	6.1	S3 passive	ERG	0.045184426	19654	0.0 inHg	0010321-03
S3	12/23/19		AN		ENE	67	4.7	S3 passive	ERG		5139	0.0 inHg	0010321-06
S3	12/31/19	0.026		2,	W	275	6.2	S3 passive	ERG	0.045184426	18879	0.0 inHg	0010716-02
S3	01/04/20	0.202		2, LK	WNW	285	7.3	S3 passive	ERG	0.045184426	A21045	0.0 inHg	0011422-02
S3	01/10/20	0.116		LK	ESE	104	5.5	S3 passive	ERG	0.045184426	SAT031	1.1 inHg	0011617-03
S3	01/16/20		AF		NW	311	5.4	S3 passive	ERG		5034	VOID	0012315-03
S3	01/22/20	0.605			ENE	78	2.2	S3 passive	ERG	0.045184426	SAT033	3.8 inHg	0013009-03
S3	01/28/20	0.728		LK, 2	WNW	301	2.5	S3 passive	ERG	0.045184426	5046	6.8 inHg	0020525-03
S3	02/03/20	0.418			SSW	211	1.9	S3 passive	ERG	0.045184426	SAT127	4.3 inHg	0021216-03
S3	02/09/20	0.683			ESE	103	3	S3 passive	ERG	0.045184426	SAT176	3.2 inHg	0021825-03
S3	02/15/20	0.432		LK, 2	E	93	2.4	S3 passive	ERG	0.045184426	5072	6.1 inHg	0022612-03
S3	02/21/20	0.190		LK	NW	321	2.7	S3 passive	ERG	0.045184426	19665	3.8 inHg	0030235-03
S3	02/27/20	0.309		LK	WNW	301	5.1	S3 passive	ERG	0.045184426	A21095	3.0 inHg	0030605-01
S3	03/04/20	0.436		LK, 2	WSW	241	1.6	S3 passive	ERG	0.051510246	5044	6.5 inHg	0031136-02
S3	03/10/20	0.213		LK	SSW	197	2.1	S3 passive	ERG	0.051510246	SAT051	5.1 inHg	0031835-01
S3	03/28/20	0.278		2	SW	220	2.8	S3 passive	ERG	0.051510246	19647	7.1 inHg	0040817-03
S3	04/03/20	0.620		LK, 2	WNW	284	1.7	S3 passive	ERG	0.051510246	5022	6.7 inHg	0041003-03
S3	04/09/20	0.193		2	WNW	292	5	S3 passive	ERG	0.051510246	19282	6.5 inHg	0041620-03
S3	04/15/20	0.376		2	NW	320	4.3	S3 passive	ERG	0.051510246	SAT018	0.0 inHg	0042217-03
S3	04/21/20	0.965		2	WNW	288	4.4	S3 passive	ERG	0.051510246	SAT038	5.4 inHg	0050113-03
S3	04/27/20	0.423		2	WNW	302	3.5	S3 passive	ERG	0.051510246	SAT099	5.1 inHg	0050617-05
S3	05/03/20	0.951		LK, 2	WSW	255	2.6	S3 passive	ERG	0.051510246	5062	7.9 inHg	0051409-03
S3	05/09/20	0.466		LK	NW	320	3.6	S3 passive	ERG	0.051510246	5085	5.8 inHg	0051505-02
S3	05/15/20	0.201		2	SE	130	3.2	S3 passive	ERG	0.051510246	33554	6.9 inHg	0052846-03
S3	05/21/20	0.501			E	85	1.7	S3 passive	ERG	0.051510246	A21106	5.8 inHg	0052917-04
S3	05/27/20	0.137			E	90	3.2	S3 passive	ERG	0.051510246	2527	5.7 inHg	0060506-03
S3	06/02/20	0.826		LK, 2	S	185	1.7	S3 passive	ERG	0.051510246	5043	6.9 inHg	0061733-03
S3	06/08/20	0.387		2	ESE	120	4.4	S3 passive	ERG	0.051510246	A21055	6.6 inHg	0061733-07
S3	06/14/20	0.166			ENE	70	1.7	S3 passive	ERG	0.051510246	110335	6.0 inHg	0062524-03
S3	06/20/20	0.177		2	NW	321	1.5	S3 passive	ERG	0.051510246	18865	6.9 inHg	0062611-03
S3	06/26/20	1.545		LK, 2	W	275	3.5	S3 passive	ERG	0.051510246	5081	6.4 inHg	0070604-03
S3	07/02/20	0.761		LK, 2	WNW	301	2.1	S3 passive	ERG	0.051510246	SAT110	7.0 inHg	0070929-03
S3	07/08/20	0.445		2	W	280	1	S3 passive	ERG	0.051510246	SAT009	6.1 inHg	0071532-03
S3	07/14/20	0.267		2	WSW	253	1.3	S3 passive	ERG	0.051510246	18864	6.8 inHg	0072413-03
S3	07/20/20	0.889			WSW	258	1	S3 passive	ERG	0.051510246	19291	2.3 inHg	0072930-03
S3	07/26/20	1.258		LK	NNW	340	0.9	S3 passive	ERG	0.051510246	5142	4.1 inHg	0080535-03
S3	08/01/20	0.589		LK	SW	216	2.9	S3 passive	ERG	0.051510246	18872	2.5 inHg	0081226-03
S3	08/07/20	1.493			NE	50	1.7	S3 passive	ERG	0.051510246	SAT014	2.6 inHg	0081932-03
S3	08/13/20	0.909			ESE	109	1.7	S3 passive	ERG	0.051510246	19663	5.9 inHg	0082116-03
S3	08/19/20	2.458		2	SE	125	1.9	S3 passive	ERG	0.051510246	19279	8.1 inHg	0082740-03
S3	08/25/20	1.806		2	E	97	1.2	S3 passive	ERG	0.051510246	SAT118	0.0 inHg	0090237-03
S3	08/31/20	0.352			WSW	238	0.7	S3 passive	ERG	0.051510246	18828	1.8 inHg	0090831-03
S3	09/06/20	0.853			ENE	57	1.7	S3 passive	ERG	0.051510246	SAT061	1.3 inHg	0092336-03

S3	09/12/20		1.674			ESE	105	2.6	S3 passive	ERG	0.051510246	SAT056	2.9 inHg	0092336-06
S3	09/18/20		0.262			NNW	331	2.4	S3 passive	ERG	0.051510246	33233	2.5 inHg	0092509-03
S3	09/24/20		0.466			ESE	104	4.1	S3 passive	ERG	0.051510246	A21073	2.6 inHg	0100211-03
S3	09/30/20		0.831		LK	WNW	283	1.8	S3 passive	ERG	0.051510246	5075	4.7 inHg	0100832-03
S3	10/06/20		0.378			E	87	1.2	S3 passive	ERG	0.051510246	A21083	3.2 inHg	0101529-03
S3	10/12/20		2.512			WNW	283	1.9	S3 passive	ERG	0.051510246	35131	4.8 inHg	0102302-03
S3	10/18/20		0.110		2	E	94	2.4	S3 passive	ERG	0.051510246	213	0.0 inHg	0102914-03
S3	10/24/20		0.221		2	N	3	1.1	S3 passive	ERG	0.051510246	19666	11.0 inHg	0110518-03
S3	10/30/20		0.499		LK, 2	NW	310	4.8	S3 passive	ERG	0.051510246	5131	0.0 inHg	0110923-02
S3	11/05/20		0.273			E	93	0.8	S3 passive	ERG	0.051510246	SAT174	2.9 inHg	0111209-03
S3	11/11/20		0.522			S	170	1.3	S3 passive	ERG	0.051510246	SAT156	5.8 inHg	0112512-03
S3	11/17/20		0.275			NW	314	4.7	S3 passive	ERG	0.051510246	35117	3.3 inHg	0112512-07
S3	11/23/20		0.057			NW	316	3.5	S3 passive	ERG	0.051510246	33309	3.2 inHg	0120410-05
S3	11/29/20		0.266		LK	ESE	103	2.8	S3 passive	ERG	0.051510246	5110	5.1 inHg	0120410-06
S3	12/05/20		0.244		LK	WNW	291	3.5	S3 passive	ERG	0.051510246	SAT158	2.4 inHg	0121638-03
S3	12/11/20		0.257		LK	SSE	148	1	S3 passive	ERG	0.051510246	5086	4.9 inHg	0122325-03
S3	12/17/20		0.085			WNW	293	4.8	S3 passive	ERG	0.051510246	110314	1.9 inHg	0122408-03
S3	12/23/20		0.058			ESE	114	3.3	S3 passive	ERG	0.051510246	114340	3.2 inHg	1010627-03
S3	12/29/20		0.284			E	100	2	S3 passive	ERG	0.051510246	SAT076	3.9 inHg	1010523-03
S3	01/04/21		0.278			SSW	292	1.9	S3 passive	ERG	0.051510246	A21047	3.7 inHg	1011515-03
S3	01/10/21		0.184			ENE	60	1.5	S3 passive	ERG	0.051510246	SAT068	1.5 inHg	1012724-03
S3	01/16/21		0.108		LK	W	268	4.4	S3 passive	ERG	0.051510246	35118	2.5 inHg	1012724-08
S3	01/22/21		0.000		ND, U, 2	NNW	329	1	S3 passive	ERG	0.051510246	19658	0.0 inHg	1020318-03
S3	01/28/21		0.000		ND, U	NW	317	6.6	S3 passive	ERG	0.051510246	35119	2.8 inHg	1020424-03
S3	02/03/21		0.000		ND, U	NW	308	4.2	S3 passive	ERG	0.047172541	110335	2.3 inHg	1021021-04
S3	02/09/21		0.291			ENE	69	1.5	S3 passive	ERG	0.047172541	SAT076	3.8 inHg	1021828-04
S3	02/15/21		0.502		D-F, 2	E	98	3.7	S3 passive	ERG	0.047172541	SAT114	6.8 inHg	1030328-03
S3	02/15/21	QA	0.369		D-F, LK	E	98	3.7	S3 passive QA	ERG	0.047172541	SAT150	1.0 inHg	1030328-04
S3	02/21/21		0.564			ESE	122	4.3	S3 passive	ERG	0.047172541	SAT075	5.9 inHg	1030328-08
S3	02/27/21		0.752		LK	ESE	107	2.4	S3 passive	ERG	0.047172541	AZ38	2.8 inHg	1031120-02
S3	03/05/21			AF		NW	322	3.2	S3 passive	ERG	0.0472		Did not Collect	No sample ID possible
S3	03/11/21		0.678		LK	SSW	194	1.6	S3 passive	ERG	0.047172541	AZ39	3.7 inHg	1031638-03
S3	03/17/21		0.199			ESE	103	3.1	S3 passive	ERG	0.047172541	110322	5.2 inHg	1032431-03
S3	03/23/21		0.367		LK	ESE	110	4.3	S3 passive	ERG	0.047172541	SAT081	3.6 inHg	1040821-03
S3	03/29/21		0.089			NNW	343	2.1	S3 passive	ERG	0.047172541	18870	4.8 inHg	1041340-02
S3	04/04/21		0.130			WNW	291	1.7	S3 passive	ERG	0.047172541	19643	2.1 inHg	1042219-02
S3	04/10/21		0.146			SSE	161	3.8	S3 passive	ERG	0.047172541	114386	4.5 inHg	1042219-06
S3	04/16/21		0.369			NNW	333	2.2	S3 passive	ERG	0.047172541	A21109	4.1 inHg	1042935-04
S3	04/22/21		0.095			WNW	290	1.7	S3 passive	ERG	0.047172541	33512	2.0 inHg	1050323-01
S3	04/28/21		0.173			SSW	204	1.7	S3 passive	ERG	0.047172541	110308	5.0 inHg	1051246-05
S3	05/04/21		0.138			SSW	200	2.5	S3 passive	ERG	0.047172541	114340	4.9 inHg	1051939-04
S3	05/10/21		0.334			W	278	3	S3 passive	ERG	0.047172541	110305	4.8 inHg	1051939-07
S3	05/16/21		0.938			SSW	198	1.2	S3 passive	ERG	0.047172541	A21017	4.1 inHg	1060325-04
S3	05/22/21		0.985			ENE	69	1.1	S3 passive	ERG	0.047172541	A21078	3.7 inHg	1060241-03
S3	05/28/21		0.253			SW	232	3.2	S3 passive	ERG	0.047172541	19664	4.9 inHg	1060837-03
S4	09/24/19		0.372		LK, 2	NW, W	304	2.5	S4 passive	ERG	0.045184426	5117	8.1 inHg	9092733-04
S4	09/26/19		0.707		LK, 2	NW	313	1.7	S4 passive	ERG	0.045184426	5026	8.1 inHg	9100318-06
S4	09/30/19		0.248		LK	N	7	0.9	S4 passive	ERG	0.045184426	SAT081	2.1 inHg	9100318-07
S4	10/03/19		1.155		LK	WNW	303	0.8	S4 passive	ERG	0.045184426	N4120	2.9 inHg	9100921-08
S4	10/06/19		0.060			E	87	3.8	S4 passive	ERG	0.045184426	A21078	1.9 inHg	9100921-10
S4	10/12/19		0.213		LK	NW	304	2.2	S4 passive	ERG	0.045184426	5012	1.9 inHg	9101802-04

S4	10/18/19		0.154		LK	E	85	2.3	S4 passive	ERG	0.045184426	5138	2.0 inHg	9102414-04
S4	10/24/19		0.000		U, ND	E	85	1.8	S4 passive	ERG	0.045184426	19646	2.0 inHg	9103068-04
S4	11/20/19		0.147		LK	NW	310	3.2	S4 passive	ERG	0.045184426	A22329	2.0 inHg	9112204-04
S4	11/20/19	QA	0.257		2	NW	310	3.2	S4 passive QA	ERG	0.045184426	9570	0.0 inHg	9112204-05
S4	11/23/19		0.097			WSW	244	4.2	S4 passive	ERG	0.045184426	A21108	2.8 inHg	9112712-04
S4	11/29/19		0.120		LK	NW	317	1.3	S4 passive	ERG	0.045184426	5129	3.2 inHg	9120611-04
S4	12/05/19		0.164		LK, 2	WNW	295	2.1	S4 passive	ERG	0.045184426	5044	1.0 inHg	9121206-04
S4	12/11/19		0.112		LK, 2	NW	320	3.1	S4 passive	ERG	0.045184426	A22330	0.0 inHg	9121840-04
S4	12/11/19	QA	0.441		LK, 2	NW	320	3.1	S4 passive QA	ERG	0.045184426	5057	0.0 inHg	9121840-05
S4	12/17/19		0.356		2	WNW	294	6.1	S4 passive	ERG	0.045184426	19648	0.0 inHg	0010321-04
S4	12/23/19			AN		ENE	67	4.7	S4 passive	ERG		A21096	0.0 inHg	0010321-07
S4	12/31/19		0.219		2, U	W	275	6.2	S4 passive	ERG	0.045184426	A21037	0.0 inHg	0010716-03
S4	01/04/20		1.580		2	WNW	285	7.3	S4 passive	ERG	0.045184426	A21002	4.1 inHg	0011422-03
S4	01/10/20		0.546		LK	ESE	104	5.5	S4 passive	ERG	0.045184426	SAT087	4.6 inHg	0011617-04
S4	01/16/20		0.432		LK	NW	311	5.4	S4 passive	ERG	0.045184426	SAT157	5.5 inHg	0012315-04
S4	01/22/20		0.162			ENE	78	2.2	S4 passive	ERG	0.045184426	SAT078	2.1 inHg	0013009-04
S4	01/22/20	QA	0.176			ENE	78	2.2	S4 passive QA	ERG	0.045184426	A21025	2.0 inHg	0013009-05
S4	01/28/20		0.488		2	WNW	301	2.5	S4 passive	ERG	0.045184426	SAT173	0.0 inHg	0020525-04
S4	02/03/20		0.380			SSW	211	1.9	S4 passive	ERG	0.045184426	19664	3.9 inHg	0021216-04
S4	02/09/20		0.340			ESE	103	3	S4 passive	ERG	0.045184426	A21042	2.2 inHg	0021825-04
S4	02/15/20		0.450			E	93	2.4	S4 passive	ERG	0.045184426	A21051	4.0 inHg	0022612-04
S4	02/15/20	QA	0.416			E	93	2.4	S4 passive QA	ERG	0.045184426	49	2.2 inHg	0022527-01
S4	02/21/20		0.151		LK	NW	321	2.7	S4 passive	ERG	0.045184426	A21011	2.3 inHg	0030235-04
S4	02/27/20		0.325		LK	WNW	301	5.1	S4 passive	ERG	0.045184426	A21067	1.7 inHg	0030536-03
S4	03/04/20		0.616			WSW	241	1.6	S4 passive	ERG	0.051510246	A21094	3.2 inHg	0031013-02
S4	03/10/20		0.298			SSW	197	2.1	S4 passive	ERG	0.051510246	A21040	3.5 inHg	0031722-03
S4	03/28/20		0.405			SW	220	2.8	S4 passive	ERG	0.051510246	A21084	2.3 inHg	0040817-04
S4	03/28/20	QA	0.361		LK, 2	SW	220	2.8	S4 passive QA	ERG	0.051510246	5080	6.2 inHg	0040817-05
S4	04/03/20		0.401		LK	WNW	284	1.7	S4 passive	ERG	0.051510246	5116	1.2 inHg	0041003-04
S4	04/09/20		0.683			WNW	292	5	S4 passive	ERG	0.051510246	A21017	1.2 inHg	0041620-04
S4	04/09/20	QA	0.719		2	WNW	292	5	S4 passive QA	ERG	0.051510246	SAT081	0.0 inHg	0041620-05
S4	04/15/20		0.269		2	NW	320	4.3	S4 passive	ERG	0.051510246	A21083	0.0 inHg	0042217-04
S4	04/21/20		0.287		2	WNW	288	4.4	S4 passive	ERG	0.051510246	18832	0.0 inHg	0050113-04
S4	04/21/20	QA	0.960		2	WNW	288	4.4	S4 passive QA	ERG	0.051510246	SAT182	4.3 inHg	0050113-05
S4	04/27/20		0.889		2	WNW	302	3.5	S4 passive	ERG	0.051510246	SAT173	0.0 inHg	0050617-03
S4	05/03/20		1.164			WSW	255	2.6	S4 passive	ERG	0.051510246	SAT058	2.5 inHg	0051409-04
S4	05/09/20		0.531		LK	NW	320	3.6	S4 passive	ERG	0.051510246	5124	1.0 inHg	0051505-03
S4	05/09/20	QA	0.718			NW	320	3.6	S4 passive QA	ERG	0.051510246	SAT071	1.2 inHg	0051505-04
S4	05/15/20		0.293			SE	130	3.2	S4 passive	ERG	0.051510246	A21025	1.9 inHg	0052846-04
S4	05/21/20		0.260			E	85	1.7	S4 passive	ERG	0.051510246	A22328	1.0 inHg	0052917-05
S4	05/27/20		1.180		2	E	90	3.2	S4 passive	ERG	0.051510246	SAT131	0.0 inHg	0060506-04
S4	06/02/20		0.904			S	185	1.7	S4 passive	ERG	0.051510246	SAT018	1.2 inHg	0061733-04
S4	06/08/20		0.712		LK	ESE	120	4.4	S4 passive	ERG	0.051510246	5106	1.8 inHg	0061733-08
S4	06/08/20	QA	0.199		2	ESE	120	4.4	S4 passive QA	ERG	0.051510246	19288	0.0 inHg	0061733-09
S4	06/14/20		0.151		2	ENE	70	1.7	S4 passive	ERG	0.051510246	A21010	0.0 inHg	0062524-04
S4	06/20/20		0.488			NW	321	1.5	S4 passive	ERG	0.051510246	A21095	1.4 inHg	0062611-04
S4	06/26/20		0.779		LK	W	275	3.5	S4 passive	ERG	0.051510246	5091	1.0 inHg	0070604-04
S4	07/02/20		0.849		LK	WNW	301	2.1	S4 passive	ERG	0.051510246	A21015	1.2 inHg	0070929-04
S4	07/08/20		0.443		2	W	280	1	S4 passive	ERG	0.051510246	A21082	0.0 inHg	0071532-04
S4	07/08/20	QA	0.596		2	W	280	1	S4 passive QA	ERG	0.051510246	A21036	0.0 inHg	0071532-05
S4	07/14/20		0.859		2	WSW	253	1.3	S4 passive	ERG	0.051510246	53	0.0 inHg	0072413-04
S4	07/20/20		0.448		LK, 2	WSW	258	1	S4 passive	ERG	0.051510246	5044	0.0 inHg	0072930-04

S4	07/26/20		0.535			NNW	340	0.9	S4 passive	ERG	0.051510246	49	4.7 inHg	0080535-04
S4	08/01/20		0.828		LK	SW	216	2.9	S4 passive	ERG	0.051510246	5106	5.1 inHg	0081226-04
S4	08/07/20		0.595		D-F	NE	50	1.7	S4 passive	ERG	0.051510246	35131	4.0 inHg	0081932-04
S4	08/07/20	QA	0.869		2, D-F	NE	50	1.7	S4 passive QA	ERG	0.051510246	SAT156	0.0 inHg	0081932-05
S4	08/13/20		0.737		2	ESE	109	1.7	S4 passive	ERG	0.051510246	A21056	7.8 inHg	0082116-04
S4	08/19/20			AO		SE	125	1.9	S4 passive	ERG	0.0515	A21069	17.1 inHg	0082740-04
S4	08/25/20			DA		E	97	1.2	S4 passive	ERG	0.0515	A21084	11.8 inHg	0090237-04
S4	08/31/20			AA		WSW	238	0.7	S4 passive	ERG	0.0515	A21077	16.8 inHg	0090831-04
S4	09/06/20			AN		ENE	57	1.7	S4 passive	ERG		SAT173	29.2 inHg	0092336-08
S4	09/12/20		1.193		2	ESE	105	2.6	S4 passive	ERG	0.051510246	A21102	0.0 inHg	0092336-07
S4	09/18/20		0.000		2, ND, U	NNW	331	2.4	S4 passive	ERG	0.051510246	9570	0.0 inHg	0092509-04
S4	09/18/20	QA	1.216			NNW	331	2.4	S4 passive QA	ERG	0.051510246	44	5.0 inHg	0092509-05
S4	09/24/20		0.372			ESE	104	4.1	S4 passive	ERG	0.051510246	A21088	1.0 inHg	0100211-04
S4	09/30/20		0.358		LK	WNW	283	1.8	S4 passive	ERG	0.051510246	5093	2.8 inHg	0100832-04
S4	10/06/20		0.175			E	87	1.2	S4 passive	ERG	0.051510246	18873	1.9 inHg	0101529-04
S4	10/12/20		0.784		LK	WNW	283	1.9	S4 passive	ERG	0.051510246	22325	3.1 inHg	0102302-04
S4	10/18/20		0.000		U, ND	E	94	2.4	S4 passive	ERG	0.051510246	114366	1.6 inHg	0102914-04
S4	10/24/20		0.333			N	3	1.1	S4 passive	ERG	0.051510246	A21021	5.0 inHg	0110518-04
S4	10/30/20		0.345			NW	310	4.8	S4 passive	ERG	0.051510246	A21106	1.6 inHg	0110923-03
S4	10/30/20	QA	0.102			NW	310	4.8	S4 passive QA	ERG	0.051510246	19660	3.5 inHg	0110923-04
S4	11/05/20		0.186			E	93	0.8	S4 passive	ERG	0.051510246	A21055	1.3 inHg	0111209-04
S4	11/11/20		0.896		LK	S	170	1.3	S4 passive	ERG	0.051510246	SAT023	4.8 inHg	0112512-04
S4	11/17/20		0.157		2	NW	314	4.7	S4 passive	ERG	0.051510246	A21050	0.0 inHg	0112512-08
S4	11/17/20	QA	0.150		2	NW	314	4.7	S4 passive QA	ERG	0.051510246	A21026	0.0 inHg	0112512-09
S4	11/23/20		0.062			NW	316	3.5	S4 passive	ERG	0.051510246	A21044	1.9 inHg	0120410-07
S4	11/29/20		0.106			ESE	103	2.8	S4 passive	ERG	0.051510246	A21074	4.6 inHg	0120410-08
S4	12/05/20			AL		WNW	291	3.5	S4 passive	ERG		SAT148	26.9 inHg	0121714-01
S4	12/11/20		0.587			SSE	148	1	S4 passive	ERG	0.051510246	A21006	2.8 inHg	0122325-04
S4	12/17/20		0.171			WNW	293	4.8	S4 passive	ERG	0.051510246	A21058	4.8 inHg	0122408-04
S4	12/17/20	QA	0.174		2, LK	WNW	293	4.8	S4 passive QA	ERG	0.051510246	5076	0.0 inHg	0122408-05
S4	12/23/20		0.151			ESE	114	3.3	S4 passive	ERG	0.051510246	35139	2.1 inHg	1010627-04
S4	12/29/20		0.137			E	100	2	S4 passive	ERG	0.051510246	114344	2.9 inHg	1010523-04
S4	01/04/21		0.128			SSW	292	1.9	S4 passive	ERG	0.051510246	A21050	2.2 inHg	1011515-04
S4	01/10/21		0.179		2	ENE	60	1.5	S4 passive	ERG	0.051510246	A21099	0.0 inHg	1012724-04
S4	01/10/21	QA	0.132		2	ENE	60	1.5	S4 passive QA	ERG	0.051510246	SAT020	0.0 inHg	1012724-05
S4	01/16/21		0.066			W	268	4.4	S4 passive	ERG	0.051510246	19647	2.1 inHg	1012724-09
S4	01/22/21		0.537		LK	NNW	329	1	S4 passive	ERG	0.051510246	5040	2.9 inHg	1020318-04
S4	01/28/21		0.000		ND, U	NW	317	6.6	S4 passive	ERG	0.051510246	A21109	2.3 inHg	1020424-04
S4	02/03/21		0.070			NW	308	4.2	S4 passive	ERG	0.047172541	110322	1.9 inHg	1021021-05
S4	02/09/21		0.235			ENE	69	1.5	S4 passive	ERG	0.047172541	213	2.0 inHg	1021828-05
S4	02/15/21		0.376		D-F	E	98	3.7	S4 passive	ERG	0.047172541	SAT145	2.8 inHg	1030328-05
S4	02/21/21		0.295		2, LK	ESE	122	4.3	S4 passive	ERG	0.047172541	A21067	0.0 inHg	1030328-10
S4	02/21/21	QA	0.365		2	ESE	122	4.3	S4 passive QA	ERG	0.047172541	SAT185	0.0 inHg	1030328-09
S4	02/27/21		0.199			ESE	107	2.4	S4 passive	ERG	0.047172541	A21065	4.1 inHg	1031120-03
S4	02/27/21	QA	0.289		2	ESE	107	2.4	S4 passive QA	ERG	0.047172541	A21031	0.0 inHg	1031031-02
S4	03/05/21			AF		NW	322	3.2	S4 passive	ERG	0.0472		Did not Collect	No sample ID possible
S4	03/11/21		0.255			SSW	194	1.6	S4 passive	ERG	0.047172541	A21053	5.2 inHg	1031638-04
S4	03/17/21		0.224			ESE	103	3.1	S4 passive	ERG	0.047172541	A21101	4.2 inHg	1032431-04
S4	03/23/21		0.873		LK, D-F	ESE	110	4.3	S4 passive	ERG	0.047172541	SAT029	5.0 inHg	1040821-04
S4	03/23/21	QA	0.605		LK, D-F	ESE	110	4.3	S4 passive QA	ERG	0.047172541	SAT043	4.9 inHg	1040821-05
S4	03/29/21		0.246			NNW	343	2.1	S4 passive	ERG	0.047172541	A21098	5.9 inHg	1041340-05

S4	04/04/21		0.116			WNW	291	1.7	S4 passive	ERG	0.047172541	18828	3.9 inHg	1042219-03
S4	04/10/21		0.327			SSE	161	3.8	S4 passive	ERG	0.047172541	A21108	5.9 inHg	1042219-07
S4	04/16/21		0.437		LK	NNW	333	2.2	S4 passive	ERG	0.047172541	A21033	5.2 inHg	1042935-03
S4	04/22/21		0.316		2, D-F	WNW	290	1.7	S4 passive	ERG	0.047172541	111219	6.1 inHg	1050719-01
S4	04/22/21	QA	0.495		D-F	WNW	290	1.7	S4 passive QA	ERG	0.047172541	18880	5.8 inHg	1043024-03
S4	04/28/21		0.273		2	SSW	204	1.7	S4 passive	ERG	0.047172541	A21026	6.5 inHg	1051246-04
S4	05/04/21		0.490			SSW	200	2.5	S4 passive	ERG	0.047172541	A22304	5.8 inHg	1051939-03
S4	05/10/21		0.174		2	W	278	3	S4 passive	ERG	0.047172541	110258	6.1 inHg	1051939-08
S4	05/16/21		0.105			SSW	198	1.2	S4 passive	ERG	0.047172541	19647	5.8 inHg	1060325-05
S4	05/22/21		0.109			ENE	69	1.1	S4 passive	ERG	0.047172541	19295	5.1 inHg	1060325-06
S4	05/28/21		0.354		LK, 2	SW	232	3.2	S4 passive	ERG	0.047172541	A21005	6.2 inHg	1060925-04
S4	05/28/21	QA	0.249		LK, 2	SW	232	3.2	S4 passive QA	ERG	0.047172541	A21104	6.3 inHg	1060837-05
S5	09/24/19		2.042			NW	304	2.5	S5 passive	ERG	0.045184426	19300	2.0 inHg	9092730-01
S5	09/25/19			AN					S5 passive	ERG		SAT059	VOID	9100921-07
S5	09/30/19		0.318			N	7	0.9	S5 passive	ERG	0.045184426	A21101	2.0 inHg	9100921-01
S6	12/23/19			AN		ENE	67	4.7	S6 passive				Did not Collect	No sample ID possible
S6	12/23/19			AN					S6 passive	ERG		SAT021	0.0 inHg	0010324-02
S6	12/31/19		0.137		LK	W	275	6.2	S6 passive	ERG	0.045184426	5059	1.2 inHg	0010716-04
S6	01/04/20		0.246		2, LK	WNW	285	7.3	S6 passive	ERG	0.045184426	SAT109	0.0 inHg	0011422-04
S6	05/15/20		0.857		LK	SE	130	3.2	S6 passive	ERG	0.051510246	SAT088	3.5 inHg	0052846-05
S6	06/20/20		0.240		2	NW	321	1.5	S6 passive	ERG	0.051510246	18883	8.1 inHg	0062611-05
S6	07/20/20		0.302			WSW	258	1	S6 passive	ERG	0.051510246	19277	1.6 inHg	0072930-05
S6	11/23/20		0.000		2, U, ND	NW	316	3.5	S6 passive	ERG	0.051510246	19644	0.0 inHg	0120410-09
S6	12/23/20		0.055			ESE	114	3.3	S6 passive	ERG	0.051510246	18874	1.3 inHg	1010722-01
S7	12/23/19			AN		ENE	67	4.7	S7 passive				Did not Collect	No sample ID possible
S7	12/23/19			AN					S7 passive	ERG		5024	VOID	0010324-03
S7	12/31/19		0.172		2	W	275	6.2	S7 passive	ERG	0.045184426	SAT014	0.0 inHg	0010716-05
S7	01/04/20			AF		WNW	285	7.3	S7 passive	ERG		SAT176	25.1 inHg	0011422-05
S7	01/22/20		0.100		U	ENE	78	2.2	S7 passive	ERG	0.0452	18831	1.0 inHg	0012928-01
S7	02/27/20		0.151		LK	WNW	301	5.1	S7 passive	ERG	0.045184426	18884	2.4 inHg	0030605-02
S7	03/28/20		0.336		2	SW	220	2.8	S7 passive	ERG	0.051510246	18876	8.1 inHg	0040817-06
S7	04/27/20		0.414			WNW	302	3.5	S7 passive	ERG	0.051510246	18878	4.8 inHg	0050617-04
S7	05/15/20		1.460		LK, 2	SE	130	3.2	S7 passive	ERG	0.051510246	5075	8.9 inHg	0052846-06
S7	05/27/20		1.092		LK, 2	E	90	3.2	S7 passive	ERG	0.051510246	SAT109	7.1 inHg	0060506-05
S7	06/20/20		0.622		LK, 2	NW	321	1.5	S7 passive	ERG	0.051510246	5108	0.0 inHg	0062611-06
S7	07/20/20		0.678		2	WSW	258	1	S7 passive	ERG	0.051510246	SAT003	0.0 inHg	0072930-06
S7	08/19/20			AF		SE	125	1.9	S7 passive				Did not Collect	No sample ID possible
S7	09/24/20		0.371			ESE	104	4.1	S7 passive	ERG	0.051510246	SAT179	4.9 inHg	0100211-05
S7	10/30/20		0.197			NW	310	4.8	S7 passive	ERG	0.051510246	A21040	3.5 inHg	0110604-02
S7	11/23/20		0.093			NW	316	3.5	S7 passive	ERG	0.051510246	33503	2.0 inHg	0120410-10
S7	12/23/20			AN					S7 passive	ERG	0.0515	A21103	29.6 inHg	1010523-05
S7	01/28/21		0.000		2, ND, U	NW	317	6.6	S7 passive	ERG	0.051510246	114386	0.0 inHg	1020424-05
S7	02/27/21		0.087			ESE	107	2.4	S7 passive	ERG	0.047172541	A21074	1.5 inHg	1031120-04
S7	03/29/21		0.134		2	NNW	343	2.1	S7 passive	ERG	0.047172541	18881	6.1 inHg	1041340-04
S7	04/28/21		0.486		2	SSW	204	1.7	S7 passive	ERG	0.047172541	SAT012	7.0 inHg	1051246-03
S7	05/22/21		0.237		LK	ENE	69	1.1	S7 passive	ERG	0.047172541	33544	5.8 inHg	1060325-07
South DeKalb	08/13/19		0.096			SW	225	0.1	South DeKalb ATEC	ERG	0.045184426	114308	14 psig	9082209-03

South DeKalb	08/16/19		0.112			WNW	288	0.2	South DeKalb ATEC	ERG	0.045184426	S/N00013	12 psig	9082209-01
South DeKalb	08/16/19	QA	0.195		LK	WNW	288	0.2	South DeKalb ATEC QA	ERG	0.045184426	S/N00012	12 psig	9082209-02
South DeKalb	09/04/19		0.101			NE	35	0.1	South DeKalb ATEC	ERG	0.045184426	110335	8 psig	9091129-01
South DeKalb	09/19/19		0.095		2	ESE	105	0.7	South DeKalb passive	ERG	0.045184426	18826	11.2 psig	9092560-01
South DeKalb	09/20/19		0.157			ESE	107	0.4	South DeKalb ATEC	ERG	0.045184426	114369	12 psig	9092609-01
South DeKalb	09/24/19		0.347		LK,2	WNW	303	0.2	South DeKalb passive	ERG	0.045184426	5004	7.2 inHg	9092728-01
South DeKalb	09/26/19		0.329		LK, 2	NW	324	0.1	South DeKalb passive	ERG	0.045184426	5063	6.3 inHg	9100319-02
South DeKalb	09/30/19		0.240			W	264	0.1	South DeKalb passive	ERG	0.045184426	A21046	0.7 inHg	9100319-01
South DeKalb	10/03/19		0.289		LK	WNW	297	0.1	South DeKalb passive	ERG	0.045184426	SAT099	2.2 inHg	9100923-01
South DeKalb	10/06/19		0.144			ENE	78	0.6	South DeKalb passive	ERG	0.045184426	SAT158	2.5 inHg	9100923-02
South DeKalb	10/12/19		0.327		LK	WNW	286	0.3	South DeKalb passive	ERG	0.045184426	A21103	3.0 inHg	9102315-01
South DeKalb	10/19/19		0.097			ENE	69	0.8	South DeKalb passive	ERG	0.045184426	A21013	2.2 inHg	9102508-01
South DeKalb	10/24/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/27/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/30/19		0.130			SE	127	0.1	South DeKalb passive	ERG	0.045184426	A21009	4.6 inHg	9110119-01
South DeKalb	11/01/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/03/19			AF					South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	11/05/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/08/19		0.139			NW	306	0.3	South DeKalb passive	ERG	0.045184426	A21025	3.1 inHg	9111413-01
South DeKalb	11/13/19		0.129			E	93	0.6	South DeKalb passive	ERG	0.045184426	SAT123	1.9 inHg	9111510-01
South DeKalb	11/15/19		0.260		LK	N	2	0.1	South DeKalb passive	ERG	0.045184426	5133	2.2 inHg	9111924-01
South DeKalb	11/20/19		0.748		LK	WNW	298	0.2	South DeKalb passive	ERG	0.045184426	5026	3.8 inHg	9120424-01
South DeKalb	11/23/19		0.082		2, U	WSW	251	0.5	South DeKalb passive	ERG	0.045184426	19277	0.0 inHg	9120424-02
South DeKalb	11/29/19		0.246		2, LK	SSE	149	0.1	South DeKalb passive	ERG	0.045184426	SAT002	0.0 inHg	9120612-01
South DeKalb	12/05/19		0.162		LK	WNW	296	0.2	South DeKalb passive	ERG	0.045184426	49	3.6 inHg	9121208-01
South DeKalb	12/08/19		0.048		LK	E	92	1.5	South DeKalb passive	ERG	0.045184426	A21054	4.1 inHg	9121208-02

South DeKalb	12/11/19		0.034		U	NW	323	0.4	South DeKalb passive	ERG	0.045184426	18864	3.2 inHg	9121842-01
South DeKalb	12/14/19		0.217		LK	WNW	288	0.8	South DeKalb passive	ERG	0.045184426	SAT075	3.2 inHg	9121842-02
South DeKalb	12/17/19		0.153		LK	WNW	292	0.6	South DeKalb passive	ERG	0.045184426	5015	5.6 inHg	9122018-01
South DeKalb	12/19/19		0.278		LK, 2	ESE	118	0.1	South DeKalb passive	ERG	0.045184426	SAT110	0.0 inHg	0010718-01
South DeKalb	12/23/19			AN		ENE	65	1.5	South DeKalb passive	ERG		9570	VOID	0010324-01
South DeKalb	12/31/19		0.128		LK	WNW	287	1.2	South DeKalb passive	ERG	0.045184426	5004	1.4 inHg	0010718-02
South DeKalb	01/04/20		0.160		2	WNW	292	1.3	South DeKalb passive	ERG	0.045184426	A21084	0.0 inHg	0010908-01
South DeKalb	01/07/20		0.042		2, VB	WNW	285	1.1	South DeKalb passive	ERG	0.045184426	A21058	0.0 inHg	0011706-01
South DeKalb	01/10/20			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	01/16/20		0.242		LK	NW	306	0.6	South DeKalb passive	ERG	0.045184426	SAT178	5.7 inHg	0012314-01
South DeKalb	01/22/20		0.418			E	86	0.4	South DeKalb passive	ERG	0.045184426	A21100	2.9 inHg	0020428-01
South DeKalb	01/28/20		0.457		LK	WNW	293	0.5	South DeKalb passive	ERG	0.045184426	5018	3.3 inHg	0020523-02
South DeKalb	01/28/20			AN		WNW	293	0.5	South DeKalb passive	ERG		18828	28.9 inHg	0020523-01
South DeKalb	02/03/20		0.318			SW	224	0.4	South DeKalb passive	ERG	0.045184426	A21058	5.3 inHg	0021217-01
South DeKalb	02/03/20	QA	0.275			SW	224	0.4	South DeKalb passive QA	ERG	0.045184426	A21032	2.9 inHg	0021312-01
South DeKalb	02/09/20			SC		ESE	104	0.8	South DeKalb passive	ERG	0.045184426	A21070	3.2 inHg	0022018-01
South DeKalb	02/15/20		0.466		LK	E	97	0.5	South DeKalb passive	ERG	0.045184426	SAT164	4.1 inHg	0022424-01
South DeKalb	02/21/20		0.165			N	357	0.2	South DeKalb passive	ERG	0.045184426	18870	3.3 inHg	0022815-01
South DeKalb	02/27/20		0.132		2, LK	WNW	298	1.1	South DeKalb passive	ERG	0.045184426	SAT157	0.0 inHg	0030607-01
South DeKalb	03/04/20		0.213			NW	319	0.1	South DeKalb passive	ERG	0.051510246	19284	4.7 inHg	0031323-01
South DeKalb	03/04/20	QA	0.859		LK	NW	319	0.1	South DeKalb passive QA	ERG	0.051510246	SAT137	5.8 inHg	0031323-02
South DeKalb	03/10/20	QA	0.242			SW	215	0.3	South DeKalb ATEC QA	ERG	0.051510246	SAT117	13.2 inHg	0031837-01
South DeKalb	03/16/20		0.459			E	84	0.9	South DeKalb passive	ERG	0.051510246	SAT016	4.5 inHg	0032320-01
South DeKalb	03/22/20		0.146			E	90	0.8	South DeKalb passive	ERG	0.051510246	SAT120	3.3 inHg	0040114-01
South DeKalb	03/22/20	QA	0.296			E	90	0.8	South DeKalb ATEC QA	ERG	0.051510246	A21101	12.9 psi	0040114-02
South DeKalb	03/28/20		0.369		2	SW	235	0.6	South DeKalb passive	ERG	0.051510246	44	6.2 inHg	0040815-01

South DeKalb	04/03/20		0.998		LK	W	278	0.3	South DeKalb passive	ERG	0.051510246	5029	4.9 inHg	0041004-01
South DeKalb	04/03/20	QA	0.468		2	W	278	0.3	South DeKalb passive QA	ERG	0.051510246	SAT042	0.0 inHg	0041004-02
South DeKalb	04/09/20		0.151			WNW	291	1	South DeKalb passive	ERG	0.051510246	18873	5.5 inHg	0041708-01
South DeKalb	04/15/20			AA		NW	306	0.5	South DeKalb ATEC	ERG	0.051510246	A21042	27.56	0042221-02
South DeKalb	04/15/20		0.163		2	NW	306	0.5	South DeKalb passive	ERG	0.051510246	A21035	0.0 inHg	0042221-01
South DeKalb	04/21/20		0.844		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21071	13.1 inHg	0050115-01
South DeKalb	04/27/20		0.916		LK, 2	WNW	291	0.5	South DeKalb passive	ERG	0.051510246	5121	6.3 inHg	0050618-01
South DeKalb	05/03/20		0.398		LK, 2	WSW	255	0.4	South DeKalb passive	ERG	0.051510246	5102	7.1 inHg	0051325-01
South DeKalb	05/03/20	QA	0.604		LK	WSW	255	0.4	South DeKalb passive QA	ERG	0.051510246	22325	4.1 inHg	0051325-02
South DeKalb	05/09/20		0.156		2	WNW	291	0.3	South DeKalb passive	ERG	0.051510246	SAT130	4.1 inHg	0051507-01
South DeKalb	05/15/20		0.504		2	SE	127	0.4	South DeKalb passive	ERG	0.051510246	A21097	0.0 inHg	0052849-01
South DeKalb	05/21/20		0.202			ESE	111	0.2	South DeKalb passive	ERG	0.051510246	A21013	5.0 inHg	0052916-01
South DeKalb	05/27/20			AO		E	93	0.5	South DeKalb passive	ERG		A21080	18.2 inHg	0060509-01
South DeKalb	06/02/20		0.531			S	177	0.2	South DeKalb passive	ERG	0.051510246	A21001	1.5 inHg	0061041-01
South DeKalb	06/02/20	QA	0.142			S	177	0.2	South DeKalb passive QA	ERG	0.051510246	33297	4.0 inHg	0061041-02
South DeKalb	06/08/20		1.151			ESE	110	0.7	South DeKalb passive	ERG	0.051510246	35117	3.0 inHg	0061734-01
South DeKalb	06/14/20		0.394		LK	ESE	119	0.1	South DeKalb passive	ERG	0.051510246	5119	3.8 inHg	0061906-01
South DeKalb	06/20/20		0.821			WNW	295	0.2	South DeKalb passive	ERG	0.051510246	A21047	2.0 inHg	0070605-01
South DeKalb	06/26/20		0.598			WNW	289	0.7	South DeKalb passive	ERG	0.051510246	A21071	2.9 inHg	0070841-01
South DeKalb	07/02/20		0.801		LK	WNW	283	0.1	South DeKalb passive	ERG	0.051510246	5006	3.7 inHg	0070931-01
South DeKalb	07/02/20	QA	0.929		LK	WNW	283	0.1	South DeKalb passive QA	ERG	0.051510246	SAT151	4.9 inHg	0070931-02
South DeKalb	07/08/20		0.815			SW	233	0.05	South DeKalb passive	ERG	0.051510246	SAT016	2.1 inHg	0071714-01
South DeKalb	07/14/20		1.075		LK	W	263	0.1	South DeKalb passive	ERG	0.051510246	5104	3.2 inHg	0072415-01
South DeKalb	07/20/20		3.759			WSW	251	0.1	South DeKalb passive	ERG	0.051510246	A21050	2.0 inHg	0072932-01
South DeKalb	07/26/20		0.513			SW	214	0.1	South DeKalb passive	ERG	0.051510246	SAT064	2.8 inHg	0080537-01
South DeKalb	08/01/20		0.202		2, LK	SSW	211	0.3	South DeKalb passive	ERG	0.051510246	A21074	0.0 inHg	0081409-01

South DeKalb	08/01/20	QA	0.455			SSW	211	0.3	South DeKalb passive QA	ERG	0.051510246	A21065	1.5 inHg	0081409-03
South DeKalb	08/07/20		0.951			SSE	168	0.1	South DeKalb passive	ERG	0.051510246	A21098	1.0 inHg	0081409-02
South DeKalb	08/13/20		2.910		LK	W	272	0.1	South DeKalb passive	ERG	0.051510246	SAT077	5.5 inHg	0082119-01
South DeKalb	08/19/20		0.741			SE	129	0.2	South DeKalb passive	ERG	0.051510246	33503	3.3 inHg	0082741-01
South DeKalb	08/25/20		0.410			E	85	0.1	South DeKalb passive	ERG	0.051510246	19660	1.7 inHg	0090240-01
South DeKalb	08/31/20		0.971		2	WSW	255	0.1	South DeKalb passive	ERG	0.051510246	A21028	0.0 inHg	0090414-01
South DeKalb	09/06/20		1.553		2	E	95	0.1	South DeKalb passive	ERG	0.051510246	53	0.0 inHg	0091632-01
South DeKalb	09/12/20		0.624		LK	ESE	103	0.5	South DeKalb passive	ERG	0.051510246	5062	4.2 inHg	0092334-01
South DeKalb	09/18/20		0.325		LK, 2, D-F	WNW	292	0.1	South DeKalb passive	ERG	0.051510246	19300	1.1 inHg	0093026-03
South DeKalb	09/18/20			DA		WNW	292	0.1	South DeKalb passive	ERG	0.051510246	35149	VOID	0093026-01
South DeKalb	09/24/20		0.385		LK	E	101	0.6	South DeKalb passive	ERG	0.051510246	5072	1.6 inHg	0093026-02
South DeKalb	09/30/20		0.596		2, LK	W	279	0.4	South DeKalb passive	ERG	0.051510246	SAT021	0.0 inHg	0100835-01
South DeKalb	10/06/20		0.533		LK, D-F	ESE	108	0.1	South DeKalb passive	ERG	0.051510246	5073	2.3 inHg	0101531-01
South DeKalb	10/06/20	QA	0.701		LK, D-F, 2	ESE	108	0.1	South DeKalb passive QA	ERG	0.051510246	5066	6.1 inHg	0101531-02
South DeKalb	10/12/20		0.242			W	281	0.3	South DeKalb passive	ERG	0.051510246	18876	1.8 inHg	0101606-01
South DeKalb	10/18/20		0.170		2	ESE	107	0.3	South DeKalb passive	ERG	0.051510246	114344	0.0 inHg	0102917-01
South DeKalb	10/24/20		0.699		2	SE	140	0.1	South DeKalb passive	ERG	0.051510246	A21089	9.5 inHg	0103007-01
South DeKalb	10/30/20		1.050		2, LK	WNW	296	0.8	South DeKalb passive	ERG	0.051510246	SAT028	0.0 inHg	0111124-01
South DeKalb	11/05/20		0.819		LK, 2	ESE	110	0.1	South DeKalb passive	ERG	0.051510246	SAT164	0.0 inHg	0111825-01
South DeKalb	11/05/20	QA	0.183			ESE	110	0.1	South DeKalb passive QA	ERG	0.051510246	A21015	3.8inhg	0111825-03
South DeKalb	11/11/20		0.464		LK	ESE	106	0.1	South DeKalb passive	ERG	0.051510246	SAT151	5.0 inHg	0111825-02
South DeKalb	11/17/20		0.134			NW	307	0.5	South DeKalb passive	ERG	0.051510246	A21025	3.0 inHg	0112514-01
South DeKalb	11/23/20		0.222		LK	NW	312	0.5	South DeKalb passive	ERG	0.051510246	5006	5.5 inHg	0120413-01
South DeKalb	11/29/20		0.314		LK	E	89	0.7	South DeKalb passive	ERG	0.051510246	5100	5.1 inHg	0121015-01
South DeKalb	12/05/20		0.166		LK	WNW	292	0.7	South DeKalb passive	ERG	0.051510246	5101	0.0 inHg	0121641-01
South DeKalb	12/11/20		0.140			ESE	118	0.1	South DeKalb passive	ERG	0.051510246	A21036	1.9 inHg	0122328-01

South DeKalb	12/11/20	QA	0.217			ESE	118	0.1	South DeKalb passive QA	ERG	0.051510246	35136	4 inHg	0122328-02
South DeKalb	12/17/20		0.289		LK	WNW	293	1	South DeKalb passive	ERG	0.051510246	22325	1.8 inHg	0123027-01
South DeKalb	12/23/20		0.091			ESE	109	0.6	South DeKalb passive	ERG	0.051510246	114348	3.8 inHg	1010628-01
South DeKalb	12/23/20		0.103			ESE	109	0.6	South DeKalb ATEC	ERG	0.051510246	110305	10psig	1010721-01
South DeKalb	12/29/20			AK		E	98	0.2	South DeKalb ATEC	ERG		SAT007	VOID	1011328-01
South DeKalb	12/29/20		0.091			E	98	0.2	South DeKalb passive	ERG	0.051510246	114329	3.9 inHg	1011328-02
South DeKalb	01/04/21		0.081			WNW	287	0.3	South DeKalb passive	ERG	0.051510246	35152	2.1 inHg	1011328-03
South DeKalb	01/04/21	QA		SC		WNW	287	0.3	South DeKalb passive QA	ERG	0.051510246	35124	VOID	1011328-04
South DeKalb	01/10/21		0.000		U, ND	SE	130	0.1	South DeKalb ATEC	ERG	0.051510246	33309	11.9 psig	1012128-01
South DeKalb	01/10/21		0.171		2	SE	130	0.1	South DeKalb passive	ERG	0.051510246	A21001		1012128-02
South DeKalb	01/16/21		0.052		2	WNW	287	0.8	South DeKalb ATEC	ERG	0.051510246	33496	12.4 psig	1012725-02
South DeKalb	01/16/21		0.130		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21108		1012725-01
South DeKalb	01/22/21		0.000		2, ND	W	271	0.3	South DeKalb passive	ERG	0.051510246	SAT078	0.0 inHg	1012902-01
South DeKalb	01/22/21		0.264		LK, 2, 1, 6	W	271	0.3	South DeKalb ATEC	ERG	0.051510246	SAT129	12.8 psig	1012902-02
South DeKalb	01/28/21		0.258		2, 1 ,6	NW	319	1.2	South DeKalb ATEC	ERG	0.051510246	SAT025	12.9 psig	1020518-02
South DeKalb	01/28/21		0.761		2, LK	NW	319	1.2	South DeKalb passive	ERG	0.051510246	33493	0.0 inHg	1020518-01
South DeKalb	02/03/21		0.058		2	WNW	302	0.8	South DeKalb passive	ERG	0.047172541	110342	0.0 inHg	1021209-02
South DeKalb	02/03/21			AA		WNW	302	0.8	South DeKalb passive	ERG	0.047172541	AQL0397	VOID	1021209-01
South DeKalb	02/03/21			AF		WNW	302	0.8	South DeKalb ATEC	ERG		114370	Did not Collect	AK67641
South DeKalb	02/09/21			AF		ENE	60	0.1	South DeKalb ATEC	ERG			Did not Collect	No sample ID possible
South DeKalb	02/09/21		0.389		LK, 2	ENE	60	0.1	South DeKalb passive	ERG	0.047172541	SAT112	6.2 inHg	1021909-03
South DeKalb	02/15/21		0.043		1, 6, VB	E	94	0.9	South DeKalb ATEC	ERG	0.047172541	2767	12.9 psig	1022212-02
South DeKalb	02/15/21		0.193		1, 6	E	94	0.9	South DeKalb passive	ERG	0.047172541	35135	4.9 inHg	1022212-01
South DeKalb	02/21/21		0.122		1, 6	SE	125	0.8	South DeKalb passive	ERG	0.047172541	18828	5.0 inHg	1030511-01
South DeKalb	02/21/21		0.221		1, 6	SE	125	0.8	South DeKalb ATEC	ERG	0.047172541	SAT092	12.8 psig	1030511-02
South DeKalb	02/27/21		0.076		1, 6	E	90	0.4	South DeKalb ATEC	ERG	0.047172541	33540	13.0 psig	1030511-03

South DeKalb	02/27/21		0.131		2	E	90	0.4	South DeKalb passive	ERG	0.047172541	SAT002	0.0 inHg	1030511-04
South DeKalb	03/05/21			AF		NW	318	0.3	South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	03/11/21		0.165		2, 1, 6	SSE	162	0.2	South DeKalb ATEC	ERG	0.047172541	A21056	13.2 psig	1031637-01
South DeKalb	03/11/21		0.224			SSE	162	0.2	South DeKalb passive	ERG	0.047172541	A21006	1.3 inHg	1031637-03
South DeKalb	03/11/21	QA	0.230		2, 1, 6	SSE	162	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT101	12.4psig	1031637-02
South DeKalb	03/17/21		0.053		2	E	100	0.7	South DeKalb passive	ERG	0.047172541	110314	0.0 inHg	1032327-01
South DeKalb	03/17/21		0.072		1, 6	E	100	0.7	South DeKalb ATEC	ERG	0.047172541	9570	13.2 psig	1032327-02
South DeKalb	03/23/21			AF		E	100	0.8	South DeKalb ATEC	ERG		110258	Did not Collect	1032613-03
South DeKalb	03/23/21		0.112			E	100	0.8	South DeKalb passive	ERG	0.047172541	114366	6 inHg	1032613-01
South DeKalb	03/23/21	QA	0.192		2	E	100	0.8	South DeKalb passive QA	ERG	0.047172541	111219	6.2 inHg	1032613-02
South DeKalb	03/29/21		0.070			E	82	0.1	South DeKalb passive	ERG	0.047172541	114322	3.1 inHg	1040132-02
South DeKalb	03/29/21		0.099		1, 6	E	82	0.1	South DeKalb ATEC	ERG	0.047172541	SAT061	12.4psig	1040132-01
South DeKalb	03/31/21		3.091		LK, 1, 6	WSW	258	0.1	South DeKalb ATEC	ERG	0.047172541	A21007	12.6 psig	1040822-01
South DeKalb	04/04/21			AF		W	281	0.3	South DeKalb ATEC				Did not Collect	No sample ID possible
South DeKalb	04/04/21		0.093			W	281	0.3	South DeKalb passive	ERG	0.047172541	18889	2.5 inHg	1040822-02
South DeKalb	04/04/21	QA	0.146			W	281	0.3	South DeKalb passive QA	ERG	0.047172541	33315	5.2 inHg	1040822-03
South DeKalb	04/07/21		0.124		1, 6	SW	229	0.2	South DeKalb ATEC	ERG	0.047172541	19284	13.4 psig	1041341-01
South DeKalb	04/07/21	QA	0.295		LK, 1, 6	SW	229	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT057	12.8 psig	1041411-01
South DeKalb	04/10/21		0.103		2, 1, 6	SE	143	0.4	South DeKalb ATEC	ERG	0.047172541	SAT130	11.6 psig	1041341-03
South DeKalb	04/10/21		0.307		LK	SE	143	0.4	South DeKalb passive	ERG	0.047172541	SAT073	5.9 inHg	1041341-02
South DeKalb	04/16/21		0.086			S	182	0.1	South DeKalb passive	ERG	0.047172541	9570	3.9 inHg	1042121-01
South DeKalb	04/16/21		0.177		1, 6	S	182	0.1	South DeKalb ATEC	ERG	0.047172541	SAT020	12.6 psig	1042121-02
South DeKalb	04/22/21		0.056		2	WNW	290	0.2	South DeKalb passive	ERG	0.047172541	18865	0.0 inHg	1042837-01
South DeKalb	04/22/21		0.072		1, 6	WNW	290	0.2	South DeKalb ATEC	ERG	0.047172541	110322	12.4psig	1042837-02
South DeKalb	04/28/21		0.361		LK	SSW	192	0.2	South DeKalb passive	ERG	0.047172541	SAT018	5.9 inHg	1050525-01
South DeKalb	04/28/21		0.562		LK, 1, 6	SSW	192	0.2	South DeKalb ATEC	ERG	0.047172541	SAT075	12.7 psig	1050525-02

South DeKalb	05/04/21		0.291	LK, 1, 6	SSW	212	0.1	South DeKalb ATEC	ERG	0.047172541	A21047	10psig	1051245-03
South DeKalb	05/04/21		0.678	LK, D-F, 2	SSW	212	0.1	South DeKalb passive	ERG	0.047172541	A21096	9.00 inHg	1051245-01
South DeKalb	05/04/21	QA	0.267	D-F, 2	SSW	212	0.1	South DeKalb passive QA	ERG	0.047172541	A21013	13.5 inHg	1051245-02
South DeKalb	05/10/21		0.099	1, 6	W	278	0.4	South DeKalb ATEC	ERG	0.047172541	33235	10.2psig	1051940-03
South DeKalb	05/10/21		0.211		W	278	0.4	South DeKalb passive	ERG	0.047172541	18879	5.8 inHg	1051940-01
South DeKalb	05/10/21	QA	0.147	1, 6	W	278	0.4	South DeKalb ATEC QA	ERG	0.047172541	18881	12.4psig	1051940-02
South DeKalb	05/16/21		0.128	1, 6	SSW	205	0.2	South DeKalb ATEC	ERG	0.047172541	19648	9.8psig	1052014-01
South DeKalb	05/16/21		0.549		SSW	205	0.2	South DeKalb passive	ERG	0.047172541	19656	5.5 inHg	1052113-01
South DeKalb	05/22/21		0.168	2	SE	146	0.1	South DeKalb passive	ERG	0.047172541	19288	6.2 inHg	1060326-02
South DeKalb	05/22/21		0.264	1, 6	SE	146	0.1	South DeKalb ATEC	ERG	0.047172541	18873	9.8psig	1060326-03
South DeKalb	05/28/21		0.156	1, 6, 2	SW	234	0.5	South DeKalb ATEC	ERG	0.047172541	114366	9.6psig	1060416-02
South DeKalb	05/28/21		0.483	2	SW	234	0.5	South DeKalb passive	ERG	0.047172541	33507	7.1 inHg	1060416-01

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	Site-Sampler-Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Sample ID
C2	10/06/19		0.155			E	85	2.3	C2 passive	ERG	0.045184426	SAT177	4.8 inHg	9100922-06
C2	10/12/19			AF					C2 passive	ERG	0.0453	SAT147	VOID	9101803-04
C2	10/24/19			AF					C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/30/19		0.333			SE	130	1.2	C2 passive	ERG	0.045184426	SAT029	5.1 inHg	9110118-02
C2	11/08/19		0.046			NNW	330	1.9	C2 passive	ERG	0.045184426	110335	6.0 inHg	9111412-02
C2	11/20/19		1.016		2	NNW	315	1	C2 passive	ERG	0.045184426	SAT063	6.1 inHg	9112711-01
C2	11/23/19		0.425		2	W	285	1.5	C2 passive	ERG	0.045184426	SAT069	15.8 inHg	9112711-02
C2	12/05/19		0.757		2	NW	315	0.9	C2 passive	ERG	0.045184426	2767	6.9 inHg	9121207-01
C2	12/19/19		0.213		2	NNE	45	0.8	C2 passive	ERG	0.045184426	SAT070	0.0 inHg	0010322-01
C2	12/23/19			AN		ENE	70	5.1	C2 passive	ERG		SAT017	0.0 inHg	0010322-05
C2	01/04/20			AF		WNW	290	4.3	C2 passive	ERG		18830	26.8 inHg	0010907-01
C2	01/07/20		0.490			WNW	285	2.8	C2 passive	ERG	0.045184426	SAT113	1.0 inHg	0011618-01
C2	01/14/20			AF		NW	320	0.3	C2 passive	ERG		5081	26.2 inHg	0011705-01
C2	01/16/20		0.598			E	88	2.8	C2 passive	ERG	0.045184426	SAT156	3.5 inHg	0012927-01
C2	01/30/20			AA		ENE	75	1.5	C2 passive	ERG	0.045184426	5062	3.2 inHg	0020524-05
C2	02/03/20		0.334			WSW	245	0.6	C2 passive	ERG	0.045184426	19649	3.2 inHg	0021311-01
C2	02/09/20		0.703			E	80	1.3	C2 passive	ERG	0.045184426	SAT085	1.1 inHg	0021921-01
C2	02/15/20		0.148			E	92	0.4	C2 passive	ERG	0.045184426	18889	3.2 inHg	0022425-01
C2	02/27/20		0.407			NW	315	3.8	C2 passive	ERG	0.045184426	SAT008	1.6 inHg	0030604-01
C2	03/10/20		0.551			SW	240	0.6	C2 passive	ERG	0.051510246	SAT108	1.3 inHg	0031836-01
C2	03/16/20		0.089			E	85	2.8	C2 passive	ERG	0.051510246	18874	1.8 inHg	0032321-01
C2	04/03/20		0.331			NW	310	0.6	C2 passive	ERG	0.051510246	18885	1.8 inHg	0041001-01
C2	04/27/20		0.983		2	NW	310	2.2	C2 passive	ERG	0.051510246	19656	2.6 inHg	0050615-01
C2	05/15/20			BI		SSE	148	0.3	C2 passive	ERG		5141	4.1 inHg	0052848-01
C2	05/27/20		0.502			E	80	2.6	C2 passive	ERG	0.051510246	SAT160	3.5 inHg	0060508-01
C2	06/08/20			BI		ESE	120	1.1	C2 passive	ERG		SAT177	3.9 inHg	0061731-01
C2	07/02/20		0.275			NNW	335	1.2	C2 passive	ERG	0.051510246	19280	4.2 inHg	0070928-01
C2	07/20/20		0.286		2	E	80	0.1	C2 passive	ERG	0.051510246	18868	0.0 inHg	0072412-05
C2	08/07/20		0.193			ENE	60	0.1	C2 passive	ERG	0.051510246	33533	1.9 inHg	0081410-05
C2	08/13/20			AF		S	190	0.1	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/19/20			AF		ESE	108	0.2	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/25/20			AF		ENE	67	0.3	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/31/20		0.154			W	278	0.1	C2 passive	ERG	0.051510246	19276	2.7 inHg	0090413-01
C2	09/06/20		0.135			ENE	64	0.2	C2 passive	ERG	0.051510246	33554	2.0 inHg	0091711-01
C2	09/30/20		0.269		2	WNW	300	1	C2 passive	ERG	0.051510246	18820	0.0 inHg	0100833-01
C2	10/06/20		0.387			E	85	0.6	C2 passive	ERG	0.051510246	SAT080	1.8 inHg	0101528-01
C2	10/12/20			AF		WNW	285	0.6	C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/18/20		0.114			ENE	75	2.3	C2 passive	ERG	0.051510246	114340	1.0 inHg	0102916-01
C2	10/24/20		0.387			SSE	165	0.2	C2 passive	ERG	0.051510246	111219	2.9 inHg	0103006-01
C2	10/30/20		0.134			NW	310	4.1	C2 passive	ERG	0.051510246	33554	1.6 inHg	0111125-01
C2	11/05/20		0.213			ENE	65	1	C2 passive	ERG	0.051510246	SAT118	1.1 inHg	0111824-01
C2	11/11/20		0.195			E	80	0.2	C2 passive	ERG	0.051510246	18836	2.8 inHg	0111824-05
C2	11/23/20		0.354			NW	315	2.3	C2 passive	ERG	0.051510246	SAT152	1.1 inHg	0120411-01
C2	11/29/20		0.000		VB	E	84	0.7	C2 passive	ERG	0.051510246	SAT015	3.9 inHg	0121016-01

C2	12/05/20		0.336		2	WNW	290	3.1	C2 passive	ERG	0.051510246	33540	0.0 inHg	0121104-01
C2	12/11/20		0.151			ESE	115	0.2	C2 passive	ERG	0.051510246	18870	2.6 inHg	0122326-01
C2	12/23/20		0.096			E	92	1.7	C2 passive	ERG	0.051510246	110257	1.8 inHg	1010626-01
C2	12/29/20		0.184			ENE	75	0.8	C2 passive	ERG	0.051510246	114322	2.0 inHg	1011326-02
C2	01/04/21		0.186			WNW	295	1.2	C2 passive	ERG	0.051510246	A21028	1.7 inHg	1011326-06
C2	01/10/21		0.062			ENE	70	0.5	C2 passive	ERG	0.051510246	18824	1.2 inHg	1012127-01
C2	01/16/21		0.049		VB	WNW	285	2.3	C2 passive	ERG	0.051510246	19657	1.0 inHg	1012726-01
C2	02/03/21		0.093		2	NW	310	3.6	C2 passive	ERG	0.047172541	110305	1.4 inHg	1021208-01
C2	02/03/21	QA	0.117		2	NW	310	3.6	C2 passive QA	ERG	0.047172541	110252	0.0 inHg	1021208-02
C2	02/09/21		0.365			ENE	65	0.6	C2 passive	ERG	0.047172541	SAT016	3.3 inHg	1021908-05
C2	02/15/21		0.079		2	E	85	2.4	C2 passive	ERG	0.047172541	19649	10.3 inHg	1022211-01
C2	02/21/21		0.091			ESE	105	2.1	C2 passive	ERG	0.047172541	33240	4.8 inHg	1030510-01
C2	02/27/21		0.122			ENE	70	1	C2 passive	ERG	0.047172541	19294	1.7 inHg	1031121-01
C2	03/05/21			AF		NNW	340	1.5	C2 passive	ERG	0.0472		Did not Collect	No sample ID possible
C2	03/11/21		0.287			S	185	0.6	C2 passive	ERG	0.047172541	18835	2.0 inHg	1031639-01
C2	03/17/21		0.143			E	85	1.5	C2 passive	ERG	0.047172541	110305	2.9 inHg	1032432-01
C2	03/23/21		0.137			E	80	2.3	C2 passive	ERG	0.047172541	111211	2.3 inHg	1040729-01
C2	03/29/21		0.300			N	0	1.6	C2 passive	ERG	0.047172541	A21042	1.9 inHg	1041343-03
C2	04/10/21		0.515			SSE	160	1.1	C2 passive	ERG	0.047172541	A21012	1.9 inHg	1042215-05
C2	04/16/21		0.474			NE	45	0.7	C2 passive	ERG	0.047172541	A21005	2.0 inHg	1042933-01
C2	04/22/21		0.116		2	NNW	345	2	C2 passive	ERG	0.047172541	18868	0.0 inHg	1043022-01
C2	04/28/21		0.168			SSW	205	0.4	C2 passive	ERG	0.047172541	110335	4.1 inHg	1050523-01
C2	05/16/21		0.446			SW	225	0.4	C2 passive	ERG	0.047172541	33533	4.6 inHg	1060323-01
C2	05/22/21		0.437			ENE	70	0.5	C2 passive	ERG	0.047172541	18827	3.9 inHg	1060323-02
C3	10/03/19		0.492			WNW	300	0.6	C3 passive	ERG	0.045184426	SAT033	6.0 inHg	9100922-03
C3	10/12/19		0.586		2	WNW	290	1	C3 passive	ERG	0.045184426	SAT166	6.5 inHg	9101803-02
C3	10/18/19		0.569			E	85	1.3	C3 passive	ERG	0.045184426	SAT084	3.8 inHg	9102507-01
C3	10/24/19		0.065			E	90	1.6	C3 passive	ERG	0.045184426	18869	5.5 inHg	9103069-03
C3	10/30/19		0.347			SE	130	1.2	C3 passive	ERG	0.045184426	18831	5.1 inHg	9110118-03
C3	11/01/19		0.129			NW	320	1.9	C3 passive	ERG	0.045184426	SAT155	3.8 inHg	9110553-03
C3	11/03/19		0.217			NW	320	0.6	C3 passive	ERG	0.045184426	44	5.0 inHg	9110635-02
C3	11/05/19			AF		NNE	30	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	11/08/19		0.372			NNW	330	1.9	C3 passive	ERG	0.045184426	SAT161	5.6 inHg	9111412-03
C3	11/15/19		0.231			NE	50	1.3	C3 passive	ERG	0.045184426	19283	4.4 inHg	9112026-03
C3	11/23/19		0.286			W	285	1.5	C3 passive	ERG	0.045184426	SAT054	5.6 inHg	9112711-04
C3	12/19/19		0.660		2	NNE	45	0.8	C3 passive	ERG	0.045184426	SAT122	0.0 inHg	0010322-02
C3	12/23/19			AF		ENE	70	5.1	C3 passive	ERG		SAT097	28.0 inHg	0010322-06
C3	12/31/19		0.089		2	W	275	2.9	C3 passive	ERG	0.045184426	SAT177	0.0 inHg	0010717-02
C3	01/04/20		0.117		2	WNW	290	4.3	C3 passive	ERG	0.045184426	19297	0.0 inHg	0010907-02
C3	01/10/20		0.087			E	80	2.4	C3 passive	ERG	0.045184426	18824	2.9 inHg	0011423-05
C3	01/16/20			AF		NW	320	2.8	C3 passive	ERG	0.04518	A22329	VOID	0012927-02
C3	01/28/20		0.164			NW	315	1.3	C3 passive	ERG	0.045184426	18868	3.4 inHg	0020524-02
C3	01/30/20		0.167			ENE	75	1.5	C3 passive	ERG	0.045184426	19278	4.0 inHg	0021214-01
C3	02/03/20		0.084			WSW	245	0.6	C3 passive	ERG	0.045184426	19647	4.1 inHg	0021311-02
C3	02/09/20		0.540			E	80	1.3	C3 passive	ERG	0.045184426	SAT182	1.8 inHg	0021921-02
C3	02/15/20		0.287			E	92	0.4	C3 passive	ERG	0.045184426	SAT096	2.1 inHg	0022425-02
C3	02/21/20		0.490			NE	45	0.5	C3 passive	ERG	0.045184426	2527	1.2 inHg	0022816-02
C3	03/04/20		0.517			NE	45	0.1	C3 passive	ERG	0.051510246	SAT107	5.0 inHg	0031012-02
C3	03/10/20		0.093			SW	240	0.6	C3 passive	ERG	0.051510246	19298	2.9 inHg	0031836-02
C3	03/16/20		0.662			E	85	2.8	C3 passive	ERG	0.051510246	SAT013	3.2 inHg	0032321-02

C3	03/22/20		0.208		2	ENE	80	2.9	C3 passive	ERG	0.051510246	19641	2.1 inHg	0040115-02
C3	03/28/20		0.110			WSW	245	1.1	C3 passive	ERG	0.051510246	19649	5.3 inHg	0040814-02
C3	04/03/20		0.286			NW	310	0.6	C3 passive	ERG	0.051510246	18831	3.4 inHg	0041001-02
C3	04/09/20		0.155			WNW	290	3.3	C3 passive	ERG	0.051510246	18824	4.9 inHg	0041707-02
C3	04/21/20		0.153		2	WNW	285	2.2	C3 passive	ERG	0.051510246	19665	3.6 inHg	0050114-02
C3	04/27/20		0.446			NW	310	2.2	C3 passive	ERG	0.051510246	SAT107	3.8 inHg	0050615-02
C3	05/09/20		0.242			NW	310	2.1	C3 passive	ERG	0.051510246	SAT024	3.6 inHg	0051504-04
C3	05/15/20		0.853			SSE	148	0.3	C3 passive	ERG	0.051510246	SAT158	4.1 inHg	0052918-02
C3	05/21/20		0.147			NE	58	0.5	C3 passive	ERG	0.051510246	18836	3.6 inHg	0052918-04
C3	06/14/20		0.502			ENE	70	1.2	C3 passive	ERG	0.051510246	SAT123	4.8 inHg	0061908-02
C3	06/20/20		1.070			NNW	330	0.8	C3 passive	ERG	0.051510246	SAT114	4.9 inHg	0070602-02
C3	07/14/20		0.524			NW	320	0.2	C3 passive	ERG	0.051510246	SAT096	4.9 inHg	0072412-02
C3	07/26/20		0.533			W	268	0.05	C3 passive	ERG	0.051510246	SAT015	2.9 inHg	0080534-02
C3	08/07/20		0.385			ENE	60	0.1	C3 passive	ERG	0.051510246	SAT100	2.0 inHg	0081325-01
C3	08/13/20			AF		S	190	0.1	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/19/20			AF		ESE	108	0.2	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/25/20			AF		ENE	67	0.3	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/31/20		0.302		2	W	278	0.1	C3 passive	ERG	0.051510246	A21026	0.0 inHg	0090413-02
C3	09/06/20		0.170			ENE	64	0.2	C3 passive	ERG	0.051510246	19298	1.9 inHg	0091631-01
C3	09/18/20		0.633			NNW	30	0.8	C3 passive	ERG	0.051510246	SAT075	1.9 inHg	0093025-02
C3	09/24/20		0.133		2	E	90	1.6	C3 passive	ERG	0.051510246	19657	0.0 inHg	0093025-06
C3	09/30/20		0.136			WNW	300	1	C3 passive	ERG	0.051510246	18869	1.0 inHg	0100833-02
C3	10/12/20			AF		WNW	285	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	10/18/20		0.103		2	ENE	75	2.3	C3 passive	ERG	0.051510246	AQL0397	0.0 inHg	0102916-02
C3	10/24/20		0.258			SSE	165	0.2	C3 passive	ERG	0.051510246	114336	2.3 inHg	0103006-02
C3	10/30/20		0.437		2	NW	310	4.1	C3 passive	ERG	0.051510246	A21081	0.0 inHg	0111125-02
C3	11/11/20		0.127			E	80	0.2	C3 passive	ERG	0.051510246	18880	1.8 inHg	0111824-06
C3	11/17/20		0.079		2	NW	315	3.4	C3 passive	ERG	0.051510246	2767	0.0 inHg	0112513-02
C3	11/29/20		0.390			E	84	0.7	C3 passive	ERG	0.051510246	SAT016	1.1 inHg	0121016-02
C3	12/17/20		0.121		2	WNW	295	3.5	C3 passive	ERG	0.051510246	35160	0.0 inHg	0123026-02
C3	12/23/20		0.103			E	92	1.7	C3 passive	ERG	0.051510246	110258	1.3 inHg	1010626-02
C3	12/29/20		0.727			ENE	75	0.8	C3 passive	ERG	0.051510246	SAT099	2.3 inHg	1011326-03
C3	01/04/21		0.112			WNW	295	1.2	C3 passive	ERG	0.051510246	18880	1.7 inHg	1011326-07
C3	01/10/21		0.307		2	ENE	70	0.5	C3 passive	ERG	0.051510246	SAT173	0.0 inHg	1012127-02
C3	01/22/21		0.703			WNW	300	0.7	C3 passive	ERG	0.051510246	SAT013	1.1 inHg	1012903-02
C3	01/28/21		0.186			NW	315	5.6	C3 passive	ERG	0.051510246	44	1.8 inHg	1020519-02
C3	02/03/21		0.000		ND, U	NW	310	3.6	C3 passive	ERG	0.047172541	110258	1.5 inHg	1021208-03
C3	02/09/21		0.164			ENE	65	0.6	C3 passive	ERG	0.047172541	SAT117	3.1 inHg	1021908-01
C3	02/09/21	QA	0.405			ENE	65	0.6	C3 passive QA	ERG	0.047172541	SAT097	2.1 inHg	1021908-02
C3	02/15/21			BI		E	85	2.4	C3 passive	ERG	0.0472	SAT020	2.5 inHg	1022211-02
C3	02/21/21		0.064			ESE	105	2.1	C3 passive	ERG	0.047172541	18876	2.0 inHg	1030510-02
C3	02/27/21		0.199			ENE	70	1	C3 passive	ERG	0.047172541	SAT151	1.3 inHg	1031121-02
C3	03/05/21			AF		NNW	340	1.5	C3 passive	ERG	0.0472		Did not Collect	No sample ID possible
C3	03/11/21		0.152			S	185	0.6	C3 passive	ERG	0.047172541	19279	3.9 inHg	1031639-02
C3	03/17/21		0.105			E	85	1.5	C3 passive	ERG	0.047172541	114344	3.2 inHg	1032432-02
C3	03/29/21		0.081			N	0	1.6	C3 passive	ERG	0.047172541	19646	2.4 inHg	1041343-05
C3	04/04/21		2.042		2	WNW	285	0.8	C3 passive	ERG	0.047172541	18825	0.0 inHg	1042215-02

C3	04/10/21		0.116		2	SSE	160	1.1	C3 passive	ERG	0.047172541	110258	10.1 inHg	1042215-06
C3	04/22/21			AA		NNW	345	2	C3 passive	ERG		19650	VOID	1050321-01
C3	04/28/21		0.108			SSW	205	0.4	C3 passive	ERG	0.047172541	110306	4.9 inHg	1050523-02
C3	05/04/21		0.108			W	265	1.2	C3 passive	ERG	0.047172541	110257	4.7 inHg	1051942-02
C3	05/10/21		0.188			WNW	290	1.3	C3 passive	ERG	0.047172541	33534	4.2 inHg	1051942-06
C3	05/16/21		0.810			SW	225	0.4	C3 passive	ERG	0.047172541	A21000	4.2 inHg	1060323-03
C4	10/03/19		1.880			WNW	300	0.6	C4 passive	ERG	0.045184426	18869	5.1 inHg	9100922-04
C4	10/12/19		0.000		U, ND	WNW	290	1	C4 passive	ERG	0.045184426	SAT016	2.9 inHg	9101803-03
C4	10/18/19		0.761			E	85	1.3	C4 passive	ERG	0.045184426	SAT106	3.5 inHg	9102507-03
C4	10/24/19		2.187			ENE	90	1.6	C4 passive	ERG	0.045184426	A21036	4.1 inHg	9103069-05
C4	10/27/19		0.190			WNW	290	2	C4 passive	ERG	0.045184426	A21077	5.1 inHg	9103069-06
C4	10/30/19		0.331			SE	130	1.2	C4 passive	ERG	0.045184426	18833	4.9 inHg	9110118-04
C4	10/30/19	QA	0.174		2	SE	130	1.2	C4 passive QA	ERG	0.045184426	18865	7.0 inHg	9110118-05
C4	11/01/19		0.061			NW	320	1.9	C4 passive	ERG	0.045184426	19642	2.0 inHg	9110553-04
C4	11/03/19		0.176			NW	320	0.6	C4 passive	ERG	0.045184426	A21101	2.6 inHg	9110635-03
C4	11/05/19		0.184			NNE	30	0.6	C4 passive	ERG	0.045184426	SAT074	3.0 inHg	9110810-03
C4	11/08/19		0.165			NNW	330	1.9	C4 passive	ERG	0.045184426	SAT138	3.9 inHg	9111412-04
C4	11/13/19			AR		E	90	2	C4 passive	ERG		SAT039	0.0 inHg	9111509-04
C4	11/15/19		0.153		2	NE	50	1.3	C4 passive	ERG	0.045184426	18877	0.0 inHg	9112026-04
C4	11/20/19		0.998			NNW	315	1	C4 passive	ERG	0.045184426	SAT091	3.4 inHg	9112711-05
C4	11/23/19		0.481		2	W	285	1.5	C4 passive	ERG	0.045184426	19649	12.2 inHg	9112711-06
C4	11/29/19			AN					C4 passive	ERG		5079	VOID	9120610-03-REVIEW
C4	11/29/19			AN		ENE	75	0.1	C4 passive	ERG		5079	29.3 inHg	9120610-03
C4	12/08/19		0.549		2	E	90	3.3	C4 passive	ERG	0.045184426	SAT039	0.0 inHg	9121207-06
C4	12/11/19		0.305		2	NNW	335	2.7	C4 passive	ERG	0.045184426	A21039	0.0 inHg	9121841-03
C4	12/11/19	QA	0.172		2	NNW	335	2.7	C4 passive QA	ERG	0.045184426	A21055	0.0 inHg	9121841-04
C4	12/19/19		0.277		2	NNE	45	0.8	C4 passive	ERG	0.045184426	SAT166	0.0 inHg	0010322-03
C4	12/23/19			AN		ENE	70	5.1	C4 passive	ERG		A21076	0.0 inHg	0010322-07
C4	12/31/19		0.129		2	W	275	2.9	C4 passive	ERG	0.045184426	SAT170	0.0 inHg	0010717-03
C4	01/04/20		0.251		2	WNW	290	4.3	C4 passive	ERG	0.045184426	A21005	0.0 inHg	0010907-03
C4	01/10/20		0.656			E	80	2.4	C4 passive	ERG	0.045184426	SAT011	2.1 inHg	0011423-06
C4	01/14/20			AF		NW	320	0.3	C4 passive	ERG		18822	25.1 inHg	0011705-03
C4	01/16/20			AF		NW	320	2.8	C4 passive	ERG		18832	VOID	0012927-03
C4	01/22/20		0.781		2	ENE	75	1.7	C4 passive	ERG	0.045184426	19656	6.8 inHg	0012927-07
C4	01/22/20	QA	1.007		2	ENE	75	1.7	C4 passive QA	ERG	0.045184426	SAT020	0.0 inHg	0012927-08
C4	01/25/20			AA		WNW	290	2.6	C4 passive	ERG	0.045184426	18879	6.9 inHg	0013117-02
C4	01/28/20		0.546		2	NW	315	1.3	C4 passive	ERG	0.045184426	SAT081	7.8 inHg	0020524-03
C4	01/30/20		0.613		2	ENE	75	1.5	C4 passive	ERG	0.045184426	A21102	8.4 inHg	0020524-06
C4	02/03/20		0.173		2	WSW	245	0.6	C4 passive	ERG	0.045184426	33535	8.2 inHg	0021311-03
C4	02/09/20		0.965		2	E	80	1.3	C4 passive	ERG	0.045184426	SAT140	6.2 inHg	0021921-03
C4	02/15/20	QA	0.824			E	92	0.4	C4 passive QA	ERG	0.045184426	SAT036	2.0 inHg	0022108-01
C4	03/16/20		1.045		2	ENE	85	6.1	C4 passive	ERG	0.051510246	A21103	7.8 inHg	0032321-03
C4	03/22/20	QA	0.790			ENE	80	2.8	C4 passive QA	ERG	0.051510246	A22330	1.2 inHg	0040115-04
C4	03/28/20		0.436		2	WSW	245	1.1	C4 passive	ERG	0.051510246	SAT155	9.8 inHg	0040814-05
C4	04/03/20		0.165		2	NW	310	0.6	C4 passive	ERG	0.051510246	19279	8.2 inHg	0041001-03
C4	04/09/20		0.560		2	WNW	290	3.3	C4 passive	ERG	0.051510246	SAT114	9.5 inHg	0041707-03
C4	04/09/20	QA	0.333			WNW	290	3.3	C4 passive QA	ERG	0.051510246	SAT144	3.6 inHg	0041707-04
C4	04/15/20		0.289		2	NW	315	2.9	C4 passive	ERG	0.051510246	SAT089	7.8 inHg	0042218-03
C4	04/21/20		0.676		2	WNW	285	2.2	C4 passive	ERG	0.051510246	A21067	8.1 inHg	0050114-03
C4	04/21/20	QA	0.439		2	WNW	285	2.2	C4 passive QA	ERG	0.051510246	49	1.6 inHg	0050114-04
C4	04/27/20		0.093		6, 2	NW	310	2.2	C4 passive	ERG	0.051510246	19648	8.2 inHg	0050615-03

C4	05/03/20			AA		W	270	1.2	C4 passive	ERG	0.051510246	19663	9.7 inHg	0051324-03
C4	05/09/20		0.712		2	NW	310	2.1	C4 passive	ERG	0.051510246	A22304	0.0 inHg	0051504-05
C4	05/09/20			AA		NW	310	2.1	C4 passive	ERG	0.051510246	A21069	VOID	0051504-02
C4	05/15/20			AA		SSE	148	0.3	C4 passive	ERG	0.051510246	18828	8.7 inHg	0052848-02
C4	05/21/20			AN		NE	58	0.5	C4 passive	ERG		SAT009	19.8 inHg	0052918-05
C4	05/27/20		0.258		2	E	80	2.6	C4 passive	ERG	0.051510246	19340	8.9 inHg	0060508-03
C4	06/02/20		0.891		2	SW	238	0.2	C4 passive	ERG	0.051510246	SAT127	8.8 inHg	0061042-03
C4	06/08/20		0.197		2	ESE	120	1.1	C4 passive	ERG	0.051510246	18872	9.2 inHg	0061731-03
C4	06/08/20	QA	0.349		2	ESE	120	1.1	C4 passive QA	ERG	0.051510246	SAT171	7.9 inHg	0061731-04
C4	06/14/20		0.866		2	ENE	70	1.2	C4 passive	ERG	0.051510246	SAT012	9.0 inHg	0061908-03
C4	06/20/20		0.727		2	NNW	330	0.8	C4 passive	ERG	0.051510246	35131	9.0 inHg	0070602-03
C4	07/02/20		0.240		2	NNW	335	1.2	C4 passive	ERG	0.051510246	18833	9.5 inHg	0070928-03
C4	07/08/20		1.435		2	NE	45	0.6	C4 passive	ERG	0.051510246	SAT170	9.1 inHg	0071703-02
C4	07/08/20	QA	0.146		2	NE	45	0.6	C4 passive QA	ERG	0.051510246	19645	7.0 inHg	0071703-05
C4	07/14/20		0.211		2	NW	320	0.2	C4 passive	ERG	0.051510246	19646	8.9 inHg	0072412-03
C4	07/20/20		0.390		2	E	80	0.1	C4 passive	ERG	0.051510246	33314	0.0 inHg	0072412-06
C4	07/26/20		1.515			W	268	0.05	C4 passive	ERG	0.051510246	A21086	2.0 inHg	0080534-03
C4	08/07/20		0.636			ENE	60	0.1	C4 passive	ERG	0.051510246	SAT004	3.9 inHg	0081410-06
C4	08/07/20	QA	0.293			ENE	60	0.1	C4 passive QA	ERG	0.051510246	19641	3.1 inHg	0081325-02
C4	08/13/20		0.165			S	190	0.1	C4 passive	ERG	0.051510246	33236	4.0 inHg	0082118-01
C4	08/19/20			AN		ESE	108	0.2	C4 passive	ERG		SAT181	29.7 inHg	0082742-01
C4	08/31/20		0.511			W	278	0.1	C4 passive	ERG	0.051510246	A22328	3.9 inHg	0090413-03
C4	09/06/20		0.712		2	ENE	64	0.2	C4 passive	ERG	0.051510246	A21106	0.0 inHg	0091631-02
C4	09/18/20		0.264			NNW	30	0.8	C4 passive	ERG	0.051510246	A21039	3.9 inHg	0093025-03
C4	09/24/20		0.201			E	90	1.6	C4 passive	ERG	0.051510246	A21074	3.2 inHg	0093025-07
C4	09/30/20		0.140			WNW	300	1	C4 passive	ERG	0.051510246	2527	2.9 inHg	0100833-03
C4	10/12/20		0.183			WNW	285	0.6	C4 passive	ERG	0.051510246	19648	3.0 inHg	0101605-01
C4	10/18/20		0.280			ENE	75	2.3	C4 passive	ERG	0.051510246	114322	2.0 inHg	0102916-03
C4	10/24/20		0.658			SSE	165	0.2	C4 passive	ERG	0.051510246	19298	3.5 inHg	0103006-03
C4	10/24/20	QA	0.952			SSE	165	0.2	C4 passive QA	ERG	0.051510246	114386	5.8 inHg	0103006-04
C4	10/30/20		0.195			NW	310	4.1	C4 passive	ERG	0.051510246	A21080	1.6 inHg	0111125-03
C4	11/11/20		0.289			E	80	0.2	C4 passive	ERG	0.051510246	18864	3.2 inHg	0111824-07
C4	11/17/20		0.296		2	NW	315	3.4	C4 passive	ERG	0.051510246	A21099	0.0 inHg	0112513-03
C4	11/17/20	QA	0.150			NW	315	3.4	C4 passive QA	ERG	0.051510246	35156	3.8 inHg	0112513-05
C4	12/11/20			AN		ESE	115	0.2	C4 passive	ERG		19295	19.5 inHg	0122326-03
C4	12/17/20		0.058		2	WNW	295	3.5	C4 passive	ERG	0.051510246	19291	0.0 inHg	0123026-03
C4	12/17/20	QA	0.090			WNW	295	3.5	C4 passive QA	ERG	0.051510246	111217	2.9 inHg	0123026-04
C4	12/23/20			AA		E	92	1.7	C4 passive	ERG	0.051510246	110335	VOID	1010626-03
C4	12/29/20			AF		ENE	75	0.8	C4 passive	ERG		110342	29.2 inHg	1011326-04
C4	01/04/21		0.076			WNW	295	1.2	C4 passive	ERG	0.051510246	33232	3.8 inHg	1011326-08
C4	01/10/21		0.052			ENE	70	0.5	C4 passive	ERG	0.051510246	18882	4.2 inHg	1012127-04
C4	01/10/21			BI		ENE	70	0.5	C4 passive	ERG		SAT181	VOID	1012127-03
C4	01/16/21		0.277			WNW	285	2.3	C4 passive	ERG	0.051510246	SAT177	3.0 inHg	1012726-02
C4	01/22/21		0.625			WNW	300	0.7	C4 passive	ERG	0.051510246	SAT012	3.1 inHg	1012903-03
C4	01/28/21			AA		NW	315	5.6	C4 passive	ERG	0.051510246	5110	VOID	1020519-03
C4	02/03/21			AA		NW	310	3.6	C4 passive	ERG	0.047172541	111219	VOID	1021208-04
C4	02/09/21		0.138			ENE	65	0.6	C4 passive	ERG	0.047172541	110306	6.0 inHg	1021908-03
C4	02/21/21		0.399			ESE	105	2.1	C4 passive	ERG	0.047172541	A21078	4.5 inHg	1030510-03
C4	02/27/21		0.206			ENE	70	1	C4 passive	ERG	0.047172541	18831	4.1 inHg	1031121-03
C4	03/05/21			AF		NNW	340	1.5	C4 passive	ERG	0.0472		Did not Collect	No sample ID possible
C4	03/17/21		0.195			E	85	1.5	C4 passive	ERG	0.047172541	114386	5.9 inHg	1032432-03

C4	03/23/21		0.347			E	80	2.3	C4 passive	ERG	0.047172541	A21013	5.1 inHg	1040729-02
C4	03/23/21	QA	0.235		2	E	80	2.3	C4 passive QA	ERG	0.047172541	110257	7.1 inHg	1040824-02
C4	03/29/21		0.142			N	0	1.6	C4 passive	ERG	0.047172541	19283	4.8 inHg	1041343-02
C4	04/10/21		0.248		2	SSE	160	1.1	C4 passive	ERG	0.047172541	110305	6.2 inHg	1042215-07
C4	04/16/21		0.090			NE	45	0.7	C4 passive	ERG	0.047172541	110252	4.9 inHg	1042933-03
C4	04/22/21		0.147			NNW	345	2	C4 passive	ERG	0.047172541	A21022	3.3 inHg	1043022-02
C4	04/22/21	QA	0.376			NNW	345	2	C4 passive QA	ERG	0.047172541	2767	3.2inhg	1050321-02
C4	04/28/21		0.282			SSW	205	0.4	C4 passive	ERG	0.047172541	33516	4.5 inHg	1050523-03
C4	05/04/21		0.611			W	265	1.2	C4 passive	ERG	0.047172541	49	5.2 inHg	1051942-03
C4	05/10/21		0.100		2	WNW	290	1.3	C4 passive	ERG	0.047172541	33532	1.00 inHg	1051942-07
C4	05/16/21		0.286		2	SW	225	0.4	C4 passive	ERG	0.047172541	19300	6.7 inHg	1060323-05
C4	05/28/21		0.173		2	WSW	245	1.1	C4 passive	ERG	0.047172541	33314	6.1 inHg	1060415-03
C4	05/28/21	QA	0.090		2	WSW	245	1.1	C4 passive QA	ERG	0.047172541	19291	7.7 inHg	1060746-01
C5	11/03/19		0.222			NW	320	0.6	C5 passive	ERG	0.045184426	A21045	1.1 inHg	9110635-04
C5	11/05/19		0.093			NNE	30	0.6	C5 passive	ERG	0.045184426	18822	1.9 inHg	9110810-04
C5	11/08/19		0.224			NNW	330	1.9	C5 passive	ERG	0.045184426	19643	2.2 inHg	9111412-05
C5	11/13/19		0.183			E	90	2	C5 passive	ERG	0.045184426	19276	0.5 inHg	9111509-03
C5	11/15/19			AF		NE	50	1.3	C5 passive	ERG		5072	VOID	9112026-05
C5	11/20/19		0.813			NNW	315	1	C5 passive	ERG	0.045184426	19652	0.1 inHg	9112711-07
C5	11/20/19	QA	0.757			NNW	315	1	C5 passive QA	ERG	0.045184426	18875	3.9 inHg	9112711-09
C5	11/23/19		0.121		2	W	285	1.5	C5 passive	ERG	0.045184426	19666	6.6 inHg	9112711-08
C5	12/05/19		0.611			NW	315	0.9	C5 passive	ERG	0.045184426	2527	4.0 inHg	9121207-07
C5	12/23/19			AN		ENE	70	5.1	C5 passive	ERG		5126	VOID	0010322-08
C5	01/04/20			AN		WNW	290	4.3	C5 passive	ERG		SAT155	18.3 inHg	0010907-04
C5	01/14/20			AF		NW	320	0.3	C5 passive	ERG		SAT060	25.0 inHg	0011705-04
C5	01/16/20			AF		NW	320	2.8	C5 passive	ERG		5089	VOID	0012927-04
C5	01/22/20		0.278		2	ENE	75	1.7	C5 passive	ERG	0.045184426	19282	0.0 inHg	0012927-09
C5	01/25/20		0.178		2	WNW	290	2.6	C5 passive	ERG	0.045184426	19641	0.0 inHg	0013008-02
C5	01/28/20		0.766			NW	315	1.3	C5 passive	ERG	0.045184426	SAT097	4.3 inHg	0020524-04
C5	02/03/20		0.327			WSW	245	0.6	C5 passive	ERG	0.045184426	SAT120	5.2 inHg	0021311-04
C5	02/09/20		0.143		2	E	80	1.3	C5 passive	ERG	0.045184426	19644	0.0 inHg	0021921-04
C5	02/15/20		0.718		2	E	92	0.4	C5 passive	ERG	0.045184426	A21105	0.0 inHg	0022425-04
C5	02/21/20		1.130		2	NE	45	0.5	C5 passive	ERG	0.045184426	19662	0.0 inHg	0022816-04
C5	03/16/20		0.139		2	E	85	6.1	C5 passive	ERG	0.051510246	A21010	0.0 inHg	0032321-04
C5	03/22/20		0.347			ENE	80	2.8	C5 passive	ERG	0.051510246	18880	2.2 inHg	0040115-05
C5	03/28/20		0.376			WSW	245	1.1	C5 passive	ERG	0.051510246	A21081	5.1 inHg	0040814-01
C5	04/03/20		0.394			NW	310	0.6	C5 passive	ERG	0.051510246	19657	3.7 inHg	0041001-04
C5	04/09/20		0.568		2	WNW	290	3.3	C5 passive	ERG	0.051510246	SAT061	4.8 inHg	0041707-05
C5	04/15/20		0.342			NW	315	2.9	C5 passive	ERG	0.051510246	19662	3.1 inHg	0042218-04
C5	04/27/20		0.345		2	NW	310	2.2	C5 passive	ERG	0.051510246	A21005	4.7 inHg	0050615-04
C5	05/03/20		0.361			W	270	1.2	C5 passive	ERG	0.051510246	SAT117	4.8 inHg	0051324-04
C5	05/09/20		0.824			NW	310	2.1	C5 passive	ERG	0.051510246	SAT185	3.2 inHg	0051504-03
C5	05/15/20		0.300			SSE	148	0.3	C5 passive	ERG	0.051510246	53	3.9 inHg	0052848-03
C5	05/21/20		0.699			NE	85	0.5	C5 passive	ERG	0.051510246	SAT169	2.9 inHg	0052918-06
C5	05/27/20		0.539			E	80	2.6	C5 passive	ERG	0.051510246	SAT057	4.1 inHg	0060508-04
C5	06/08/20		0.137			ESE	120	1.1	C5 passive	ERG	0.051510246	33275	4.8 inHg	0061731-05
C5	06/14/20		0.622			ENE	70	1.2	C5 passive	ERG	0.051510246	SAT092	4.5 inHg	0061908-04
C5	06/20/20		0.506			NNW	330	0.8	C5 passive	ERG	0.051510246	19654	4.7 inHg	0070602-04
C5	07/02/20		0.647			NNW	335	1.2	C5 passive	ERG	0.051510246	SAT033	5.2 inHg	0070928-04
C5	07/14/20		0.539			NW	320	0.2	C5 passive	ERG	0.051510246	SAT087	4.8 inHg	0072412-04
C5	07/20/20		0.338		2	E	80	0.1	C5 passive	ERG	0.051510246	35134	0.0 inHg	0072412-07
C5	07/26/20		0.642			W	268	0.05	C5 passive	ERG	0.051510246	A21022	2.9 inHg	0080618-01

C5	08/01/20		1.211			SW	214	0.5	C5 passive	ERG	0.051510246	SAT038	2.9 inHg	0081410-04
C5	08/07/20		1.177			ENE	60	0.1	C5 passive	ERG	0.051510246	SAT042	2.1 inHg	0081410-07
C5	08/13/20			AF		S	190	0.1	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/19/20			AF		ESE	108	0.2	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/25/20			AF		ENE	67	0.3	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/31/20		0.192			W	278	0.1	C5 passive	ERG	0.051510246	18837	2.1 inHg	0090413-04
C5	09/06/20		0.257			ENE	64	0.2	C5 passive	ERG	0.051510246	A21103	2.4 inHg	0092126-01
C5	09/18/20		1.182			NNW	30	0.8	C5 passive	ERG	0.051510246	SAT002	2.9 inHg	0093025-04
C5	09/24/20		0.452			E	90	1.6	C5 passive	ERG	0.051510246	SAT003	1.9 inHg	0093025-08
C5	10/12/20			AF		WNW	285	0.6	C5 passive	ERG			Did not Collect	No sample ID possible
C5	10/18/20		0.155		2	ENE	75	2.3	C5 passive	ERG	0.051510246	110308	0.0 inHg	0102916-04
C5	10/24/20		0.333			SSE	165	0.2	C5 passive	ERG	0.051510246	110306	2.9 inHg	0111210-01
C5	11/11/20		0.672			E	80	0.2	C5 passive	ERG	0.051510246	SAT005	2.2 inHg	0111824-08
C5	11/17/20		0.097			NW	315	3.4	C5 passive	ERG	0.051510246	19663	1.0 inHg	0112513-04
C5	11/23/20		0.202			NW	315	2.3	C5 passive	ERG	0.051510246	SAT179	1.3 inHg	0120411-04
C5	12/05/20		0.065			WNW	290	3.1	C5 passive	ERG	0.051510246	19667	1.5 inHg	0121104-04
C5	12/11/20		0.178			ESE	115	0.2	C5 passive	ERG	0.051510246	A21011	2.8 inHg	0122326-04
C5	12/17/20		0.079		2	WNW	295	3.5	C5 passive	ERG	0.051510246	110308	0.0 inHg	0123026-05
C5	12/23/20		0.123		2	E	92	1.7	C5 passive	ERG	0.051510246	111219	0.0 inHg	1010626-04
C5	12/29/20		0.246		2	ENE	75	0.8	C5 passive	ERG	0.051510246	110306	6.4 inHg	1011326-05
C5	01/04/21		0.284		2	WNW	295	1.2	C5 passive	ERG	0.051510246	A21076	0.0 inHg	1011326-09
C5	01/10/21		0.231		2	ENE	70	0.5	C5 passive	ERG	0.051510246	SAT067	0.0 inHg	1012127-05
C5	01/16/21		0.038		VB	WNW	285	2.3	C5 passive	ERG	0.051510246	33266	1.2 inHg	1012726-04
C5	01/22/21		0.412			WNW	300	0.7	C5 passive	ERG	0.051510246	SAT003	1.1 inHg	1012903-04
C5	02/03/21		0.076			NW	310	3.6	C5 passive	ERG	0.047172541	114366	1.0 inHg	1021208-05
C5	02/09/21		0.267			ENE	65	0.6	C5 passive	ERG	0.047172541	110257	3.2 inHg	1021908-04
C5	02/15/21		0.000		ND, U	E	85	2.4	C5 passive	ERG	0.047172541	19293	2.3 inHg	1022211-05
C5	02/21/21		0.058			ESE	105	2.1	C5 passive	ERG	0.047172541	19657	2.0 inHg	1030510-04
C5	02/21/21	QA	0.181			ESE	105	2.1	C5 passive QA	ERG	0.047172541	SAT118	1.2 inHg	1030510-05
C5	02/27/21		0.000		ND, U	ENE	70	1	C5 passive	ERG	0.047172541	19284	1.2 inHg	1031029-01
C5	03/05/21			AF		NNW	340	1.5	C5 passive	ERG	0.0472		Did not Collect	No sample ID possible
C5	03/11/21		0.122			S	185	0.6	C5 passive	ERG	0.047172541	A21039	1.7 inHg	1031639-04
C5	03/17/21		0.081			E	85	1.5	C5 passive	ERG	0.047172541	111217	2.9 inHg	1032432-04
C5	03/29/21			AA		N	0	1.6	C5 passive	ERG	0.0472	A21025	VOID	1041343-04
C5	04/10/21		0.380		2	SSE	160	1.1	C5 passive	ERG	0.047172541	A21101	0.0 inHg	1042215-08
C5	04/16/21		0.087			NE	45	0.7	C5 passive	ERG	0.047172541	110314	0.0 inHg	1042933-04
C5	04/22/21		0.098		2	NNW	345	2	C5 passive	ERG	0.047172541	18830	6.9 inHg	1050321-03
C5	04/28/21		0.084		2	SSW	205	0.4	C5 passive	ERG	0.047172541	111211	0.0 inHg	1050523-04
C5	05/04/21		0.488			W	265	1.2	C5 passive	ERG	0.047172541	A21099	4.0 inHg	1051942-04
C5	05/10/21		0.177			WNW	290	1.3	C5 passive	ERG	0.047172541	A21025	3.8 inHg	1051942-08
C5	05/16/21		0.124			SW	225	0.4	C5 passive	ERG	0.047172541	19287	3.9 inHg	1060323-07
C5	05/22/21		0.833			ENE	70	0.5	C5 passive	ERG	0.047172541	A21095	2.9 inHg	1060323-08
C5	05/28/21		1.390			WSW	245	1.1	C5 passive	ERG	0.047172541	18828	4.0 inHg	1060415-04
C7	10/30/19		0.161			SE	130	1.2	C7 passive	ERG	0.045184426	18834	5.0 inHg	9110118-07
C7	11/01/19		0.060			NW	320	1.9	C7 passive	ERG	0.045184426	18879	1.5 inHg	9110553-06
C7	11/05/19		0.201			NNE	30	0.6	C7 passive	ERG	0.045184426	SAT071	3.1 inHg	9110810-05
C7	11/08/19		0.217			NNW	330	1.9	C7 passive	ERG	0.045184426	SAT106	3.2 inHg	9111412-06

C7	11/13/19		AF		E	90	2	C7 passive				Did not Collect	No sample ID possible
C7	11/15/19	0.123			NE	50	1.3	C7 passive	ERG	0.045184426	18821	2.0 inHg	9112026-06
C7	03/28/20	0.602		2	WSW	245	1.1	C7 passive	ERG	0.051510246	SAT185	4.2 inHg	0040814-04
C7	04/27/20	0.871		2	NW	310	2.2	C7 passive	ERG	0.051510246	SAT157	2.0 inHg	0050615-05
C7	05/27/20	0.367			E	80	2.6	C7 passive	ERG	0.051510246	SAT100	2.5 inHg	0060508-05
C7	06/20/20	1.674		2	NNW	330	0.8	C7 passive	ERG	0.051510246	SAT165	6.8 inHg	0070602-05
C7	08/19/20		AF		ESE	108	0.2	C7 passive				Did not Collect	No sample ID possible
C7	11/23/20		AN		NW	315	2.3	C7 passive	ERG		AZ50	VOID	0120411-05
C7	12/23/20	0.092			E	92	1.7	C7 passive	ERG	0.051510246	114336	3.8 inHg	1010525-01
C7	01/28/21	1.372			NW	315	5.6	C7 passive	ERG	0.051510246	SAT166	2.0 inHg	1020519-05
C7	02/27/21	0.080		2	ENE	70	1	C7 passive	ERG	0.047172541	33533	0.5 inHg	1031121-04
C7	03/29/21		AA		N	0	1.6	C7 passive	ERG	0.0472	A21058	0.0 inHg	1041343-01
C7	04/28/21	0.707			SSW	205	0.4	C7 passive	ERG	0.047172541	SAT043	6 inHg	1050523-05
F1	01/16/20	0.174			NW	321	4.2	F1 passive	ERG	0.045184426	18884	4.3 inHg	0012318-01
F1	02/03/20	0.345			SSW	202	1.8	F1 passive	ERG	0.045184426	SAT087	3.1 inHg	0021215-01
F1	02/15/20	0.392			E	99	2.1	F1 passive	ERG	0.045184426	A21083	2.0 inHg	0022613-01
F1	02/21/20	0.636			NNW	343	2.2	F1 passive	ERG	0.045184426	A21022	3.2 inHg	0030234-01
F1	02/27/20		AL		NW	312	4	F1 passive	ERG		18828	19.2 inHg	0030606-01
F1	03/04/20	0.862			SW	272	1.2	F1 passive	ERG	0.051510246	SAT163	4.6 inHg	0031135-01
F1	03/10/20		AL		SW	218	1.9	F1 passive	ERG		18875	VOID	0031834-01
F1	03/16/20	0.369		2	E	83	3	F1 passive	ERG	0.051510246	19289	12.0 inHg	0032319-01
F1	03/22/20	0.311			ENE	78	2.7	F1 passive	ERG	0.051510246	18829	1.8 inHg	0040113-01
F1	03/28/20		AN		SW	220	2.7	F1 passive	ERG		SAT023	17.5 inHg	0040816-01
F1	04/09/20	0.904		2	WNW	295	4.5	F1 passive	ERG	0.051510246	18837	7.1 inHg	0041619-01
F1	04/21/20	0.638		2	WNW	291	3	F1 passive	ERG	0.051510246	19668	6.1 inHg	0050112-01
F1	04/27/20	1.504		2	NW	324	2.8	F1 passive	ERG	0.051510246	SAT043	5.8 inHg	0050616-01
F1	05/21/20	1.104		2	ENE	70	1.4	F1 passive	ERG	0.051510246	SAT017	6.2 inHg	0052919-02
F1	05/27/20	0.616		2	ENE	70	3.2	F1 passive	ERG	0.051510246	35126	6.1 inHg	0060507-01
F1	06/08/20	1.139		2	ESE	120	2.7	F1 passive	ERG	0.051510246	SAT037	6.9 inHg	0061732-03
F1	06/14/20	0.286		2	E	85	1.6	F1 passive	ERG	0.051510246	18879	6.2 inHg	0062525-01
F1	06/20/20	0.484		2	NNW	339	1.1	F1 passive	ERG	0.051510246	18827	7.2 inHg	0062612-01
F1	06/26/20	1.175		2	W	269	2.5	F1 passive	ERG	0.051510246	SAT039	6.6 inHg	0070603-01
F1	07/08/20	0.389		2	NNW	333	0.9	F1 passive	ERG	0.051510246	A21080	6.8 inHg	0071533-01
F1	07/20/20	0.719			NW	318	0.9	F1 passive	ERG	0.051510246	18829	2.1 inHg	0072931-01
F1	08/01/20	0.784			SW	232	2.5	F1 passive	ERG	0.051510246	SAT057	1.6 inHg	0080617-01
F1	08/13/20	1.598			W	271	1.1	F1 passive	ERG	0.051510246	SAT068	5.8 inHg	0082115-01
F1	08/19/20		AO		NE	54	1.4	F1 passive	ERG		5020	VOID	0082739-01
F1	08/25/20	0.340		2	ENE	59	1.5	F1 passive	ERG	0.051510246	A21089	0.0 inHg	0090238-01
F1	08/31/20	0.228		2	WNW	290	1	F1 passive	ERG	0.051510246	18822	0.0 inHg	0090830-01
F1	09/12/20	0.113			E	90	2.3	F1 passive	ERG	0.051510246	19278	1.6 inHg	0092333-04
F1	09/24/20	0.399			E	100	2.5	F1 passive	ERG	0.051510246	2240	1.9 inHg	0100212-01
F1	09/30/20	0.519		2	W	267	1.6	F1 passive	ERG	0.051510246	SAT039	0.0 inHg	0100834-01
F1	10/06/20	0.251		2	NE	40	0.8	F1 passive	ERG	0.051510246	35136	0.0 inHg	0101530-01
F1	10/12/20	0.226		2	W	276	1.7	F1 passive	ERG	0.051510246	19647	0.0 inHg	0102301-01
F1	10/18/20	0.157		2	E	79	2.1	F1 passive	ERG	0.051510246	110305	0.0 inHg	0102915-01
F1	10/24/20	0.501		2	N	0	0.6	F1 passive	ERG	0.051510246	110314	0.0 inHg	0110528-01
F1	11/05/20	0.146		2	NE	46	0.9	F1 passive	ERG	0.051510246	SAT022	0.0 inHg	0111208-01
F1	11/11/20	0.408			SSE	167	0.9	F1 passive	ERG	0.051510246	18872	1.9 inHg	0112511-01
F1	11/17/20	0.124		2	NNW	331	3.5	F1 passive	ERG	0.051510246	18810	0.0 inHg	0112511-03
F1	11/23/20	0.086		2	NNW	330	3.4	F1 passive	ERG	0.051510246	19645	0.0 inHg	0120412-01

F1	12/05/20		0.376		2	WNW	302	2.2	F1 passive	ERG	0.051510246	19299	0.0 inHg	0121642-01
F1	12/17/20		0.372		2	WNW	296	3.2	F1 passive	ERG	0.051510246	A21037	0.0 inHg	0122407-01
F1	12/23/20		0.136			SE	125	1.8	F1 passive	ERG	0.051510246	11211	1.2 inHg	1010625-01
F1	12/29/20		0.202			E	94	1.1	F1 passive	ERG	0.051510246	110252	1.1 inHg	1010524-01
F1	01/04/21		0.092			NW	318	1.4	F1 passive	ERG	0.051510246	33531	1.1 inHg	1011516-01
F1	01/10/21		0.192		2	N	9	0.8	F1 passive	ERG	0.051510246	SAT033	0.0 inHg	1012723-01
F1	01/16/21		0.093		2	W	272	3.1	F1 passive	ERG	0.051510246	19649	0.0 inHg	1012723-04
F1	01/28/21		0.000		ND, U, 2	NW	325	5.5	F1 passive	ERG	0.051510246	110308	0.0 inHg	1020425-01
F1	02/03/21	QA	0.224		2	NW	312	3.5	F1 passive QA	ERG	0.047172541	A21103	0.0 inHg	1021020-02
F1	02/09/21		0.147			NE	41	1	F1 passive	ERG	0.047172541	SAT179	1 inHg	1021837-01
F1	02/15/21		0.000		ND, U	E	83	2.8	F1 passive	ERG	0.047172541	114329	4.5 inHg	1030327-01
F1	02/21/21		0.219		2	SE	136	2.6	F1 passive	ERG	0.047172541	A21073	0.5 inHg	1031122-01
F1	02/27/21		0.000		U, ND, 2	NE	54	1.6	F1 passive	ERG	0.047172541	33490	0.0 inHg	1031030-01
F1	03/05/21			AF		NW	325	2.2	F1 passive				Did not Collect	No sample ID possible
F1	03/11/21		0.129			WNW	302	1.1	F1 passive	ERG	0.047172541	19654	5.8 inHg	1031636-01
F1	03/17/21		0.173			E	79	2.5	F1 passive	ERG	0.047172541	110308	3.9 inHg	1032433-01
F1	03/29/21		0.144			NE	41	1.5	F1 passive	ERG	0.047172541	A21021	5.2 inHg	1041410-01
F1	04/04/21		0.222			NW	321	0.7	F1 passive	ERG	0.047172541	33535	1.2 inHg	1042216-01
F1	04/10/21		0.120			S	175	2.9	F1 passive	ERG	0.047172541	19287	5.1 inHg	1042216-03
F1	04/16/21		0.068			N	4	0.9	F1 passive	ERG	0.047172541	18821	4.7 inHg	1042934-01
F1	04/22/21			BI		NW	321	1.3	F1 passive	ERG		213	VOID	1050322-01
F1	04/28/21		0.519		2	SW	232	1.6	F1 passive	ERG	0.047172541	A21052	6.2 inHg	1051247-01
F1	05/04/21		0.180		2	SW	219	2.2	F1 passive	ERG	0.047172541	A21058	6.2 inHg	1051941-01
F1	05/10/21		0.455		2	W	268	2.2	F1 passive	ERG	0.047172541	18876	6.7 inHg	1051941-04
F1	05/16/21		0.571			SW	222	1.4	F1 passive	ERG	0.047172541	A21053	5.2 inHg	1060324-01
F1	05/22/21		0.394			NE	40	0.5	F1 passive	ERG	0.047172541	33240	5.3 inHg	1060324-02
F1	05/28/21		0.277		2	SW	219	2.8	F1 passive	ERG	0.047172541	110314	6.2 inHg	1060836-01
F2	01/28/20		2.874			NNW	327	4.2	F2 passive	ERG	0.045184426	SAT002	1.10 inHg	0020526-02
F2	02/03/20		0.560			SSW	202	1.8	F2 passive	ERG	0.045184426	19642	1.0 inHg	0021215-02
F2	02/21/20		2.801		2	NNW	343	2.2	F2 passive	ERG	0.045184426	18832	0.0 inHg	0030234-02
F2	02/27/20		1.028		2	NW	312	4	F2 passive	ERG	0.045184426	19645	0.0 inHg	0030537-01
F2	03/04/20		2.838		2	SW	272	1.2	F2 passive	ERG	0.051510246	SAT130	0.0 inHg	0031135-02
F2	03/22/20		0.965		2	ENE	78	2.7	F2 passive	ERG	0.051510246	SAT070	0.0 inHg	0040113-02
F2	03/28/20		0.687			SW	220	2.7	F2 passive	ERG	0.051510246	SAT123	2.9 inHg	0040816-02
F2	04/15/20		2.747		2	NNW	322	3.8	F2 passive	ERG	0.051510246	SAT025	0.0 inHg	0042219-02
F2	04/21/20		0.831		2	WNW	291	3	F2 passive	ERG	0.051510246	SAT064	0.0 inHg	0050112-02
F2	04/27/20		3.615		2	NW	324	2.8	F2 passive	ERG	0.051510246	SAT007	0.0 inHg	0050616-02
F2	04/27/20	QA	3.488		2	NW	324	2.8	F2 passive QA	ERG	0.051510246	SAT011	4.5 inHg	0050616-03
F2	05/03/20			AA		SW	230	2.5	F2 passive	ERG		5115	VOID	0051408-02
F2	05/27/20		0.329		2	ENE	70	3.2	F2 passive	ERG	0.051510246	SAT020	6.2 inHg	0060507-02
F2	06/02/20		0.954		2	SSW	210	1.1	F2 passive	ERG	0.051510246	33327	7.0 inHg	0061732-02
F2	06/08/20	QA	0.810		2	ESE	120	2.7	F2 passive QA	ERG	0.051510246	SAT069	6.9 inHg	0061732-05
F2	06/14/20			BI		E	85	1.6	F2 passive	ERG		SAT181	6.2 inHg	0062525-02
F2	06/20/20		0.887		2	NNW	339	1.1	F2 passive	ERG	0.051510246	19284	7.0 inHg	0062612-02
F2	07/02/20		1.731		2	NW	316	1.5	F2 passive	ERG	0.051510246	18830	7.1 inHg	0070930-02
F2	07/08/20		0.369		2	NNW	333	0.9	F2 passive	ERG	0.051510246	A21053	6.5 inHg	0071533-02
F2	07/08/20	QA	0.461		2	NNW	333	0.9	F2 passive QA	ERG	0.051510246	33232	0.0 inHg	0071533-03
F2	07/20/20		0.459			NW	318	0.9	F2 passive	ERG	0.051510246	33531	2.8 inHg	0072931-02
F2	08/01/20		0.186			SW	232	2.5	F2 passive	ERG	0.051510246	33327	2.2 inHg	0080617-02
F2	08/13/20		0.504		D-F	W	271	1.1	F2 passive	ERG	0.051510246	33506	5.5 inHg	0082115-02
F2	08/13/20	QA	0.678		D-F	W	271	1.1	F2 passive QA	ERG	0.051510246	SAT178	5.3 inHg	0082115-03

F2	08/19/20		1.059			NE	54	1.4	F2 passive	ERG	0.051510246	19643	2.9 inHg	0082739-02
F2	08/31/20		0.990		2	WNW	290	1	F2 passive	ERG	0.051510246	SAT076	0.0 inHg	0090830-02
F2	09/18/20	QA	2.313		D-F	NNW	341	1.3	F2 passive QA	ERG	0.051510246	35143	1.0 inHg	0092510-03
F2	09/24/20		0.230			E	100	2.5	F2 passive	ERG	0.051510246	19283	2.2 inHg	0100212-02
F2	10/06/20		0.307		2	NE	40	0.8	F2 passive	ERG	0.051510246	19667	0.0 inHg	0101530-02
F2	10/12/20		0.609		2	W	276	1.7	F2 passive	ERG	0.051510246	33533	0.0 inHg	0102301-02
F2	10/18/20		0.171		2	E	79	2.1	F2 passive	ERG	0.051510246	110342	0.0 inHg	0102915-02
F2	10/24/20		2.386		2	N	0	0.6	F2 passive	ERG	0.051510246	110257	7.1 inHg	0110528-02
F2	10/24/20	QA	1.701		D-F	N	0	0.6	F2 passive QA	ERG	0.051510246	110322	4.9 inHg	0110528-04
F2	10/30/20			AA		NW	319	4	F2 passive	ERG		5013	VOID	0110924-02
F2	11/05/20			AL		NE	46	0.9	F2 passive	ERG		SAT008	VOID	0111208-02
F2	11/17/20		1.253			NNW	331	3.5	F2 passive	ERG	0.051510246	SAT149	3.6 inHg	0112511-04
F2	11/17/20	QA	0.990			NNW	330	3.4	F2 passive QA	ERG	0.051510246	33236	2.0 inHg	0112511-05
F2	11/23/20		1.489			NNW	330	3.4	F2 passive	ERG	0.051510246	18808	3.8 inHg	0120412-03
F2	12/11/20		1.616			SSE	165	0.7	F2 passive	ERG	0.051510246	19653	3.8 inHg	0122327-02
F2	12/17/20		0.745			WNW	296	3.2	F2 passive	ERG	0.051510246	18865	2.3 inHg	0122407-02
F2	12/17/20	QA	0.889		2	WNW	296	3.2	F2 passive QA	ERG	0.051510246	35131	0.0 inHg	0122407-03
F2	12/23/20		0.190			SE	125	1.8	F2 passive	ERG	0.051510246	A21013	5.1 inHg	1010625-02
F2	12/29/20		0.457		2	E	94	1.1	F2 passive	ERG	0.051510246	114366	0.0 inHg	1010524-02
F2	01/04/21		0.151			NW	318	1.4	F2 passive	ERG	0.051510246	A21026	3.8 inHg	1011516-02
F2	01/10/21		1.283			N	9	0.8	F2 passive	ERG	0.051510246	18889	2.3 inHg	1012723-02
F2	01/10/21	QA	1.623			N	9	0.8	F2 passive QA	ERG	0.051510246	SAT161	3 inHg	1012723-03
F2	01/22/21		0.249			NNW	329	1	F2 passive	ERG	0.051510246	33544	3.9 inHg	1020317-02
F2	01/28/21		0.815			NW	325	5.5	F2 passive	ERG	0.051510246	SAT014	3.3 inHg	1020425-02
F2	02/03/21		0.273			NW	312	3.5	F2 passive	ERG	0.047172541	35143	2.8 inHg	1021020-03
F2	02/09/21		0.179			NE	41	1	F2 passive	ERG	0.047172541	18874	4.1 inHg	1021837-02
F2	02/09/21	QA	0.313			NE	41	1	F2 passive QA	ERG	0.047172541	SAT009	1.8inhg	1021837-03
F2	02/21/21		0.126			SE	136	2.6	F2 passive	ERG	0.047172541	SAT070	2.3 inHg	1030327-03
F2	03/05/21			AF		NW	325	2.2	F2 passive				Did not Collect	No sample ID possible
F2	03/11/21		0.360		2	WNW	302	1.1	F2 passive	ERG	0.047172541	18825	6.8 inHg	1031636-02
F2	03/17/21		0.096		2	E	79	2.5	F2 passive	ERG	0.047172541	110335	6.9 inHg	1032433-02
F2	03/23/21		0.108		2	E	98	3	F2 passive	ERG	0.047172541	110306	7.5 inHg	1040823-02
F2	03/23/21	QA	0.162			E	98	3	F2 passive QA	ERG	0.047172541	110342	5.8 inHg	1040731-01
F2	03/29/21		0.178		2	NE	41	1.5	F2 passive	ERG	0.047172541	114340	8.1 inHg	1041342-01
F2	04/04/21		0.519		2	NW	321	0.7	F2 passive	ERG	0.047172541	SAT180	6.1 inHg	1042216-02
F2	04/16/21		0.257		2	N	4	0.9	F2 passive	ERG	0.047172541	18882	7.8 inHg	1042934-02
F2	04/22/21		0.179			NW	321	1.3	F2 passive	ERG	0.047172541	A21034	5.2 inHg	1043023-01
F2	04/22/21	QA	0.192		2	NW	321	1.3	F2 passive QA	ERG	0.047172541	114366	0.0 inHg	1050322-02
F2	04/28/21		0.419		2	SW	232	1.6	F2 passive	ERG	0.047172541	A22328	7.9 inHg	1051721-01
F2	05/04/21		0.273			SW	219	2.2	F2 passive	ERG	0.047172541	114348	5.8 inHg	1051941-02
F2	05/10/21		1.083		2	W	268	2.2	F2 passive	ERG	0.047172541	A21098	8.5 inHg	1051941-05
F2	05/16/21		0.141		2	SW	222	1.4	F2 passive	ERG	0.047172541	18822	6.9 inHg	1060324-03
F2	05/22/21		0.463		2	NE	40	0.5	F2 passive	ERG	0.047172541	19646	7.1 inHg	1060324-04
F3	08/13/20		1.762			W	271	1.1	F3 passive	ERG	0.051510246	18883	4.8 inHg	0082115-04
F3	08/25/20		0.911		2	ENE	59	1.5	F3 passive	ERG	0.051510246	18833	0.0 inHg	0090238-03
F3	08/31/20		0.987		2	WNW	290	1	F3 passive	ERG	0.051510246	A21040	0.0 inHg	0090830-03
F3	09/18/20		5.910			NNW	341	1.3	F3 passive	ERG	0.051510246	19280	5.6 inHg	0092510-02
F3	09/24/20		1.634		2	E	100	2.5	F3 passive	ERG	0.051510246	SAT101	7.5 inHg	0100212-03
F3	10/06/20		1.075			NE	40	0.8	F3 passive	ERG	0.051510246	19282	2.9 inHg	0101530-03
F3	10/12/20		5.747		2	W	276	1.7	F3 passive	ERG	0.051510246	35138	0.0 inHg	0102301-03
F3	10/18/20		1.030			E	79	2.1	F3 passive	ERG	0.051510246	111211	1.8 inHg	0102915-03

F3	10/24/20		4.790		2	N	0	0.6	F3 passive	ERG	0.051510246	111217	12.5 inHg	0110528-03
F3	10/30/20			AP		NW	319	4	F3 passive	ERG		19276	VOID	No sample ID possible
F4	01/16/21		0.091			W	272	3.1	F4 passive	ERG	0.051510246	33498	3.8 inHg	1012723-06
F4	01/22/21		0.000		ND, U	NNW	329	1	F4 passive	ERG	0.051510246	19663	3.9 inHg	1020317-03
F4	01/28/21		0.000		ND, U	NW	325	5.5	F4 passive	ERG	0.051510246	SAT085	3.3 inHg	1020425-03
F4	02/03/21		0.000		ND, U	NW	312	3.5	F4 passive	ERG	0.047172541	111217	3.1 inHg	1021020-04
F4	02/09/21		0.112			NE	41	1	F4 passive	ERG	0.047172541	114348	4.5 inHg	1021837-04
F4	02/15/21		0.242			E	83	2.8	F4 passive	ERG	0.047172541	SAT157	4.7 inHg	1030327-04
F4	02/15/21	QA	0.284			E	83	2.8	F4 passive QA	ERG	0.047172541	SAT033	4.7inhg	1030327-05
F4	02/27/21		0.107			NE	54	1.6	F4 passive	ERG	0.047172541	19660	3.9 inHg	1031122-03
F4	03/05/21			AF		NW	325	2.2	F4 passive				Did not Collect	No sample ID possible
F4	03/17/21		0.291			E	79	2.5	F4 passive	ERG	0.047172541	SAT087	4.1 inHg	1032433-03
F4	03/23/21		0.130			E	98	3	F4 passive	ERG	0.047172541	18824	5.0 inHg	1040823-03
F4	03/29/21		0.094			NE	41	1.5	F4 passive	ERG	0.047172541	18879	5.3 inHg	1041410-02
F4	04/04/21		0.147			NW	321	0.7	F4 passive	ERG	0.047172541	18884	3.5 inHg	1042123-01
F4	04/10/21		0.703			S	175	2.9	F4 passive	ERG	0.047172541	SAT042	5.9 inHg	1042216-05
F4	04/16/21		0.097			N	4	0.9	F4 passive	ERG	0.047172541	2527	5 inHg	1042934-03
F4	04/22/21		0.094		2	NW	321	1.3	F4 passive	ERG	0.047172541	33327	0.0 inHg	1050322-03
F4	04/28/21		0.401			SW	232	1.6	F4 passive	ERG	0.047172541	2240	5.9 inHg	1051247-02
F4	05/04/21		0.070			SW	219	2.2	F4 passive	ERG	0.047172541	19278	5.9 inHg	1051941-03
F4	05/10/21		0.099			W	268	2.2	F4 passive	ERG	0.047172541	18884	4.8 inHg	1051941-06
F4	05/16/21		0.150			SW	222	1.4	F4 passive	ERG	0.047172541	111217	4.7 inHg	1060324-05
F4	05/22/21		0.217		2	NE	40	0.5	F4 passive	ERG	0.047172541	33491	0.0 inHg	1060242-02
General Coffee	09/30/19			AN					General Coffee Xonteck 911	ERG		N4112	20 inHg	9100409-01
General Coffee	10/12/19		0.059			ESE	139	0.57	General Coffee Xonteck 911	ERG	0.045184426	2767	19 inHg	9101529-01
General Coffee	10/24/19		0.075			E	84	3.3	General Coffee Xonteck 911	ERG	0.045184426	A21071	20 inHg	9110120-01
General Coffee	11/05/19		0.174			NE	42	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT099	19 inHg	9111358-01
General Coffee	12/23/19		0.040		U	WNW	320	2.4	General Coffee Xonteck 911	ERG	0.045184426	18870	21 inHg	9122720-01
General Coffee	01/04/20		0.358			WNW	320	5.3	General Coffee Xonteck 911	ERG	0.045184426	SAT160	20 inHg	0011011-01
General Coffee	01/16/20			AS	2	NW	311	2.8	General Coffee Xonteck 911	ERG	0.045184426	A21083	20 inHg	0012417-01
General Coffee	01/28/20		0.347			N	0	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT168	21 inHg	0021033-01
General Coffee	02/09/20		0.081			E	88	2.3	General Coffee Xonteck 911	ERG	0.045184426	A21054	23 inHg	0021823-01
General Coffee	03/04/20		0.466			E	87	2	General Coffee Xonteck 911	ERG	0.051510246	SAT056	21 psig	0031322-01
General Coffee	03/16/20			AF		ESE	101	2.5	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	03/28/20		0.116			SW	227	3	General Coffee Xonteck 911	ERG	0.051510246	A21072	21 psig	0040215-02
General Coffee	04/09/20		0.180			W	281	3.2	General Coffee Xonteck 911	ERG	0.051510246	19645	22 psig	0042017-01

General Coffee	04/21/20		AF		WNW	285	2.3	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	04/27/20	1.074		2	NNW	330	2.6	General Coffee Xonteck 911	ERG	0.051510246	SAT063	23 psig	0050710-01
General Coffee	05/03/20	0.629		2, I-02	WSW	245	1.8	General Coffee Xonteck 911	ERG	0.051510246	SAT142	21 psig	0051506-01
General Coffee	05/27/20		AF		ENE	60	1.7	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	06/02/20	0.201		2	ESE	110	1.8	General Coffee Xonteck 911	ERG	0.051510246	33535	19 psig	0061524-01
General Coffee	06/08/20	0.481		2	SSW	210	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT053	21 psig	0061907-01
General Coffee	06/20/20	0.524		2	SW	216	0.66	General Coffee Xonteck 911	ERG	0.051510246	SAT074	22 psig	0062610-01
General Coffee	07/02/20		SC		W	267	1.8	General Coffee Xonteck 911	ERG	0.051510246	35124	21 psig	0071020-01
General Coffee	08/07/20	0.336		2	S	189	1.2	General Coffee Xonteck 911	ERG	0.051510246	A21009	23 psig	0081411-01
General Coffee	08/31/20	1.023		2	W	266	1.2	General Coffee Xonteck 911	ERG	0.051510246	SAT082	21 psig	0091422-01
General Coffee	09/12/20	0.202		2	E	86	2.7	General Coffee Xonteck 911	ERG	0.051510246	18879	22 psig	0092511-01
General Coffee	09/24/20		AF		SE	138	1.5	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	09/30/20	0.109		2	NNW	336	1	General Coffee Xonteck 911	ERG	0.051510246	18835	22 psig	0100913-01
General Coffee	10/06/20	0.213		2	ENE	60	2.8	General Coffee Xonteck 911	ERG	0.051510246	19641	22 psig	0101607-01
General Coffee	10/18/20	0.244		2	ENE	67	2.7	General Coffee Xonteck 911	ERG	0.051510246	A21086	21 psig	0102918-01
General Coffee	10/30/20	0.215		2	NNW	332	3	General Coffee Xonteck 911	ERG	0.051510246	A21028	23 psig	0110605-01
General Coffee	11/23/20	0.046		VB, 2	N	357	2.1	General Coffee Xonteck 911	ERG	0.051510246	19284	24 psig	0120409-01
General Coffee	12/17/20	0.037		2, VB	NW	313	2.3	General Coffee Xonteck 911	ERG	0.051510246	18829	21 psig	0122329-01
General Coffee	12/29/20		AF		E	87	1.4	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	01/04/21	0.043		2, VB				General Coffee Xonteck 911	ERG	0.051510246	33243	22 psig	1011926-01
General Coffee	01/10/21		AF		NNW	346	0.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	01/16/21		AF		W	273	3	General Coffee Xonteck 911	ERG		18869	Did not Collect	1012901-01
General Coffee	02/03/21		AF		NW	316	2.3	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/09/21		AN		ESE	108	0.8	General Coffee Xonteck 911	ERG		114340	VOID	1022520-01
General Coffee	02/15/21		AF		SSE	147	2.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/21/21	0.186			ESE	105	2.7	General Coffee Xonteck 911	ERG	0.047172541	SAT109	19 psig	1030427-01

General Coffee	02/27/21	0.000		ND, U, 2	WSW	239	1.3	General Coffee Xonteck 911	ERG	0.047172541	19647	21 psig	1030427-02
General Coffee	03/11/21		AR		SSE	148	0.9	General Coffee passive	ERG		19643	VOID	1031827-01
General Coffee	03/11/21	0.063		2	SSE	148	0.9	General Coffee Xonteck 911	ERG	0.047172541	18823	22 psig	1031827-02
General Coffee	03/23/21		AR		E	87	1.5	General Coffee Xonteck 911	ERG		SAT156	VOID	1040213-01
NR285	03/10/20	0.374		2	SW	215	0.3	NR285 Xonteck 910	ERG	0.051510246	A21033		0031723-01
NR285	03/22/20	0.367			E	90	0.8	NR285 Xonteck 910	ERG	0.051510246	A22329		0040114-03
NR285	05/09/20	0.070		2	WNW	291	0.3	NR285 Xonteck 910	ERG	0.051510246	19647		0051509-01
NR285	06/14/20	0.262			ESE	119	0.1	NR285 Xonteck 910	ERG	0.051510246	A21046		0062523-01
NR285	01/04/21	0.072			WNW	287	0.3	NR285 Xonteck 910	ERG	0.051510246	SAT053		1011328-05
NR285	01/16/21	0.113			WNW	287	0.8	NR285 Xonteck 910	ERG	0.051510246	35157		1012725-03
NR285	01/28/21	0.000		ND, U, 2	NW	319	1.2	NR285 Xonteck 910	ERG	0.051510246	19288	12.8 psig	1020518-03
NR285	02/09/21	0.083			ENE	60	0.1	NR285 passive	ERG	0.047172541	114322	2.0 inHg	1021909-01
NR285	02/09/21	0.336			ENE	60	0.1	NR285 Xonteck 910	ERG	0.047172541	SAT107	18.3 inHg	1021909-02
NR285	02/21/21	0.076			SE	125	0.8	NR285 Xonteck 910	ERG	0.047172541	A21044	17.9 psig	1030511-06
NR285	02/21/21	0.237			SE	125	0.8	NR285 passive	ERG	0.047172541	A21099	1.8 inHg	1030511-05
NR285	04/22/21	0.051			WNW	290	0.2	NR285 Xonteck 910	ERG	0.047172541	19295	19 psig	1050320-01
NR285	05/04/21	0.080		2	SSW	212	0.1	NR285 Xonteck 910	ERG	0.047172541	19283	19.5 psig	1051938-01
NR285	05/16/21	0.542		2	SSW	205	0.2	NR285 Xonteck 910	ERG	0.047172541	A21012	19 psig	1060326-01
S1	09/24/19		AN		NW	304	2.5	S1 passive	ERG		SAT004	29.0 inHg	9092733-01
S1	09/26/19		AN		NW	313	1.7	S1 passive				VOID	No sample ID possible
S1	10/06/19	0.056			E	87	3.8	S1 passive	ERG	0.045184426	19653	3.8 inHg	9100921-06
S1	12/23/19		AN		ENE	67	4.7	S1 passive	ERG		5077	1.2 inHg	0010321-05
S1	12/31/19	0.051		2	W	275	6.2	S1 passive	ERG	0.045184426	18808	0.0 inHg	0010716-01
S1	01/22/20	0.734		2	ENE	78	2.2	S1 passive	ERG	0.045184426	SAT014	0.0 inHg	0013009-01
S1	01/28/20	0.318		2	WNW	301	2.5	S1 passive	ERG	0.045184426	SAT086	0.0 inHg	0020525-01
S1	02/15/20	0.278			E	93	2.4	S1 passive	ERG	0.045184426	19668	2.0 inHg	0022612-01
S1	03/10/20	0.333			SSW	197	2.1	S1 passive	ERG	0.051510246	2240	4.2 inHg	0031722-01
S1	03/28/20	0.184		2	SW	220	2.8	S1 passive	ERG	0.051510246	19297	6.9 inHg	0040817-01
S1	04/03/20	0.132			WNW	284	1.7	S1 passive	ERG	0.051510246	18823	4.3 inHg	0041003-01
S1	04/09/20	0.441			WNW	292	5	S1 passive	ERG	0.051510246	SAT082	6.0 inHg	0041620-01
S1	04/15/20	0.219			NW	320	4.3	S1 passive	ERG	0.051510246	SAT096	3.9 inHg	0042217-01
S1	04/27/20	0.111			WNW	302	3.5	S1 passive	ERG	0.051510246	18827	4.0 inHg	0050617-01
S1	05/15/20	0.115			SE	130	3.2	S1 passive	ERG	0.051510246	18870	5.9 inHg	0052846-01
S1	05/21/20	0.074			E	85	1.7	S1 passive	ERG	0.051510246	19280	4.9 inHg	0052917-02
S1	05/27/20	0.701			E	90	3.2	S1 passive	ERG	0.051510246	SAT111	5.8 inHg	0060506-01

S1	06/02/20		0.569			S	185	1.7	S1 passive	ERG	0.051510246	SAT048	5.5 inHg	0061733-01
S1	06/08/20		0.176			ESE	120	4.4	S1 passive	ERG	0.051510246	SAT044	6.0 inHg	0061733-05
S1	06/26/20		0.439			W	275	3.5	S1 passive	ERG	0.051510246	19289	5.5 inHg	0070604-01
S1	07/02/20		0.138		2	WNW	301	2.1	S1 passive	ERG	0.051510246	19660	6.5 inHg	0070929-01
S1	07/14/20		0.150			WSW	253	1.3	S1 passive	ERG	0.051510246	18870	6.0 inHg	0072413-01
S1	07/20/20		1.097			WSW	258	1	S1 passive	ERG	0.051510246	SAT152	2.9 inHg	0072930-01
S1	07/26/20		0.181		2	NNW	340	0.9	S1 passive	ERG	0.051510246	19662	0.0 inHg	0080535-01
S1	08/13/20		0.558			ESE	109	1.7	S1 passive	ERG	0.051510246	A22330	2.1 inHg	0082116-01
S1	08/25/20		1.113			E	97	1.2	S1 passive	ERG	0.051510246	SAT033	1.9 inHg	0090237-01
S1	08/31/20		0.578			WSW	238	0.7	S1 passive	ERG	0.051510246	A21001	2.1 inHg	0090831-01
S1	09/12/20		2.006			ESE	105	2.6	S1 passive	ERG	0.051510246	SAT011	2.9 inHg	0092336-04
S1	09/30/20		0.095		2	WNW	283	1.8	S1 passive	ERG	0.051510246	110335	0.0 inHg	0100832-01
S1	10/06/20		0.161			E	87	1.2	S1 passive	ERG	0.051510246	19658	1.8 inHg	0101529-01
S1	10/12/20		1.099			WNW	283	1.9	S1 passive	ERG	0.051510246	A21006	2.0 inHg	0102302-01
S1	10/18/20		0.145			E	94	2.4	S1 passive	ERG	0.051510246	114329	1.1 inHg	0102914-01
S1	10/24/20		0.112		2	N	3	1.1	S1 passive	ERG	0.051510246	114348	10.4 inHg	0110518-01
S1	11/11/20		0.219			S	170	1.3	S1 passive	ERG	0.051510246	SAT061	3.5 inHg	0112512-01
S1	12/05/20		0.069			WNW	291	3.5	S1 passive	ERG	0.051510246	19290	1.0 inHg	0121638-01
S1	12/17/20		0.441		2	WNW	293	4.8	S1 passive	ERG	0.051510246	35147	0.0 inHg	0122408-01
S1	12/23/20		0.099			ESE	114	3.3	S1 passive	ERG	0.051510246	19642	2.1 inHg	1010627-01
S1	12/29/20		0.088			E	100	2	S1 passive	ERG	0.051510246	110322	2.1 inHg	1010523-01
S1	01/04/21		0.071			SSW	292	1.9	S1 passive	ERG	0.051510246	19278	1.7 inHg	1011515-01
S1	01/16/21		0.097			W	268	4.4	S1 passive	ERG	0.051510246	19340	1.0 inHg	1012724-06
S1	01/22/21		0.000		ND, U, 2	NNW	329	1	S1 passive	ERG	0.051510246	19277	0.0 inHg	1020318-01
S1	01/28/21		0.499			NW	317	6.6	S1 passive	ERG	0.051510246	SAT058	1.6 inHg	1020424-01
S1	02/03/21		0.387		2	NW	308	4.2	S1 passive	ERG	0.047172541	SAT069	0.0 inHg	1021021-01
S1	02/03/21	QA	0.085		2	NW	308	4.2	S1 passive QA	ERG	0.047172541	114336	0.0 inHg	1021021-02
S1	02/09/21		0.082			ENE	69	1.5	S1 passive	ERG	0.047172541	9570	2.1 inHg	1021828-01
S1	02/15/21		0.300			E	98	3.7	S1 passive	ERG	0.047172541	SAT184	2.8 inHg	1030328-01
S1	02/21/21		0.280		2	ESE	122	4.3	S1 passive	ERG	0.047172541	SAT039	0.0 inHg	1030328-06
S1	02/27/21		0.128		2	ESE	107	2.4	S1 passive	ERG	0.047172541	19289	0.0 inHg	1031031-01
S1	03/05/21			AF		NW	322	3.2	S1 passive	ERG	0.0472		Did not Collect	No sample ID possible
S1	03/11/21		0.125			SSW	194	1.6	S1 passive	ERG	0.047172541	18817	5.9 inHg	1031638-01
S1	03/17/21		0.275		2	ESE	103	3.1	S1 passive	ERG	0.047172541	213	8.2 inHg	1032431-01
S1	03/23/21		0.132		2	ESE	110	4.3	S1 passive	ERG	0.047172541	18836	8.6 inHg	1040821-01
S1	03/29/21			AA		NNW	343	2.1	S1 passive	ERG	0.047172541	18836	VOID	1041340-01
S1	04/04/21		0.133			WNW	291	1.7	S1 passive	ERG	0.047172541	33235	5.8 inHg	1042122-01
S1	04/10/21		0.172			SSE	161	3.8	S1 passive	ERG	0.047172541	19654	6.0 inHg	1042219-04
S1	04/16/21		0.237		2	NNW	333	2.2	S1 passive	ERG	0.047172541	A21055	0.0 inHg	1042935-01
S1	04/22/21		0.159		2	WNW	290	1.7	S1 passive	ERG	0.047172541	A21036	6.2 inHg	1043024-01
S1	04/28/21		0.138			SSW	204	1.7	S1 passive	ERG	0.047172541	114322	6.0 inHg	1051246-01
S1	05/04/21		0.199			SSW	200	2.5	S1 passive	ERG	0.047172541	33503	5.2 inHg	1051939-01
S1	05/10/21		0.093		2	W	278	3	S1 passive	ERG	0.047172541	114386	6.4 inHg	1051939-05
S1	05/16/21		0.215			SSW	198	1.2	S1 passive	ERG	0.047172541	19654	5.1 inHg	1060325-01
S1	05/22/21		0.202		2	ENE	69	1.1	S1 passive	ERG	0.047172541	19294	6.1 inHg	1060325-02
S2	10/18/19		0.069			E	85	2.3	S2 passive	ERG	0.045184426	18882	2.1 inHg	9102414-02
S2	10/24/19		0.054			E	85	1.8	S2 passive	ERG	0.045184426	19300	3.2 inHg	9103068-02
S2	11/23/19		0.392			WSW	244	4.2	S2 passive	ERG	0.045184426	SAT049	3.1 inHg	9112712-02
S2	12/11/19		0.034		U, 2	NW	320	3.1	S2 passive	ERG	0.045184426	19299	0.0 inHg	9121840-02
S2	12/17/19		0.361		2	WNW	294	6.1	S2 passive	ERG	0.045184426	SAT091	0.0 inHg	0010321-02

S2	12/23/19		AF		ENE	67	4.7	S2 passive				Did not Collect	No sample ID possible
S2	12/31/19		AF		W	275	6.2	S2 passive				Did not Collect	No sample ID possible
S2	01/04/20		AF		WNW	285	7.3	S2 passive				Did not Collect	No sample ID possible
S2	01/22/20	0.099		2	ENE	78	2.2	S2 passive	ERG	0.045184426	SAT126	0.0 inHg	0013009-02
S2	01/28/20	0.401		2	WNW	301	2.5	S2 passive	ERG	0.045184426	SAT076	0.0 inHg	0020525-02
S2	02/03/20	0.781		2	SSW	211	1.9	S2 passive	ERG	0.045184426	SAT048	0.0 inHg	0021216-02
S2	02/09/20		AO		ESE	103	3	S2 passive	ERG		19276	VOID	0021825-02
S2	02/15/20	0.797		2	E	93	2.4	S2 passive	ERG	0.045184426	SAT025	9.4 inHg	0022612-02
S2	02/21/20		AN		NW	321	2.7	S2 passive	ERG		18836	22.8 inHg	0030235-02
S2	03/10/20	0.237			SSW	197	2.1	S2 passive	ERG	0.051510246	18877	3.2 inHg	0031722-02
S2	04/03/20	0.085			WNW	284	1.7	S2 passive	ERG	0.051510246	19296	4.1 inHg	0041003-02
S2	05/03/20		BI		WSW	255	2.6	S2 passive	ERG		18879	5.7 inHg	0051409-02
S2	05/09/20		BI		NW	320	3.6	S2 passive	ERG		19297	2.0 inHg	0051505-01
S2	05/15/20	0.573			SE	130	3.2	S2 passive	ERG	0.051510246	SAT183	5.3 inHg	0052846-02
S2	05/27/20	0.795			NNW	330	2.6	S2 passive	ERG	0.051510246	35141	3.8 inHg	0060506-02
S2	06/08/20	0.647			ESE	120	4.4	S2 passive	ERG	0.051510246	19662	4.8 inHg	0061733-06
S2	06/20/20	0.587			NW	321	1.5	S2 passive	ERG	0.051510246	SAT103	5.2 inHg	0062611-02
S2	07/08/20	0.179			W	280	1	S2 passive	ERG	0.051510246	19644	4.7 inHg	0071532-02
S2	07/14/20	0.396			WSW	253	1.3	S2 passive	ERG	0.051510246	SAT024	5.8 inHg	0072413-02
S2	07/20/20	0.314		2	WSW	258	1	S2 passive	ERG	0.051510246	19651	0.0 inHg	0072930-02
S2	07/26/20	0.222			NNW	340	0.9	S2 passive	ERG	0.051510246	SAT044	1.8 inHg	0080535-02
S2	08/07/20	1.533		2	NE	50	1.7	S2 passive	ERG	0.051510246	SAT029	0.0 inHg	0081932-02
S2	08/19/20	0.777			SE	125	1.9	S2 passive	ERG	0.051510246	SAT182	3.9 inHg	0082740-02
S2	08/25/20	0.768		2	E	97	1.2	S2 passive	ERG	0.051510246	33266	14.0 inHg	0090237-02
S2	08/31/20	0.604		2	WSW	238	0.7	S2 passive	ERG	0.051510246	18870	0.0 inHg	0090831-02
S2	09/12/20	0.170			ESE	105	2.6	S2 passive	ERG	0.051510246	19288	2.8 inHg	0092336-05
S2	09/24/20	0.580		3	ESE	104	4.1	S2 passive	ERG	0.051510246	A21095	2.8 inHg	0100211-02
S2	10/06/20	0.098		3	E	87	1.2	S2 passive	ERG	0.051510246	33238	1.7 inHg	0101529-02
S2	10/12/20	0.333		3	WNW	283	1.9	S2 passive	ERG	0.051510246	A21011	2.9 inHg	0102302-02
S2	10/18/20	0.119		3	E	94	2.4	S2 passive	ERG	0.051510246	110252	1.2 inHg	0102914-02
S2	10/24/20	0.132		2, 3	N	3	1.1	S2 passive	ERG	0.051510246	110258	9.8 inHg	0110518-02
S2	10/30/20	0.154		2, 3	NW	310	4.8	S2 passive	ERG	0.051510246	18833	0.0 inHg	0110923-01
S2	11/17/20	0.091		3	NW	314	4.7	S2 passive	ERG	0.051510246	33243	1.2 inHg	0112512-06
S2	11/23/20	0.178		3	NW	316	3.5	S2 passive	ERG	0.051510246	35148	1.2 inHg	0120410-03
S2	12/11/20	0.081		3	SSE	148	1	S2 passive	ERG	0.051510246	19648	2.1 inHg	0122325-02
S2	12/17/20	0.051		2, 3, U	WNW	293	4.8	S2 passive	ERG	0.051510246	18835	0.0 inHg	0122408-02
S2	12/23/20	0.052		3	ESE	114	3.3	S2 passive	ERG	0.051510246	AQL0397	1.9 inHg	1010627-02
S2	12/29/20	0.246		3	E	100	2	S2 passive	ERG	0.051510246	SAT097	2.2 inHg	1010523-02
S2	01/04/21	0.174		3	SSW	292	1.9	S2 passive	ERG	0.051510246	A21106	1.4 inHg	1011515-02
S2	01/16/21	0.043		3, VB	W	268	4.4	S2 passive	ERG	0.051510246	19293	1.1 inHg	1012724-07
S2	01/22/21	0.000		ND, U, 2, 3	NNW	329	1	S2 passive	ERG	0.051510246	A21034	0.0 inHg	1020318-02
S2	01/28/21	0.000		ND, U, 3	NW	317	6.6	S2 passive	ERG	0.051510246	SAT151	1.8 inHg	1020424-02
S2	02/03/21	0.000		ND, U, 3, 2	NW	308	4.2	S2 passive	ERG	0.047172541	114344	0.0 inHg	1021021-03
S2	02/09/21	0.063		3	ENE	69	1.5	S2 passive	ERG	0.047172541	111211	2.9 inHg	1021828-02
S2	02/27/21	0.072		3	ESE	107	2.4	S2 passive	ERG	0.047172541	33235	2.8 inHg	1031120-01
S2	03/05/21		AF		NW	322	3.2	S2 passive		0.0472		Did not Collect	No sample ID possible

S2	03/17/21	0.157		2, 3	ESE	103	3.1	S2 passive	ERG	0.047172541	110252	6.8 inHg	1032431-02
S2	03/23/21	0.199		3	ESE	110	4.3	S2 passive	ERG	0.047172541	18872	3.7 inHg	1040821-02
S2	04/10/21	0.086		3	SSE	161	3.8	S2 passive	ERG	0.047172541	111217	4.5 inHg	1042219-05
S2	04/16/21	0.078		3	NNW	333	2.2	S2 passive	ERG	0.047172541	19280	4.6 inHg	1042935-02
S2	04/22/21	0.085		3	WNW	290	1.7	S2 passive	ERG	0.047172541	19288	1.8 inHg	1043024-02
S2	04/28/21	0.302		3	SSW	204	1.7	S2 passive	ERG	0.047172541	44	5.0 inHg	1051246-02
S2	05/04/21	0.300		3	SSW	200	2.5	S2 passive	ERG	0.047172541	A21106	4.2 inHg	1051939-02
S2	05/10/21	0.091		3	W	278	3	S2 passive	ERG	0.047172541	18833	4.3 inHg	1051939-06
S2	05/16/21	0.102		3	SSW	198	1.2	S2 passive	ERG	0.047172541	19657	3.8 inHg	1060325-03
S2	05/22/21	0.128		3	ENE	69	1.1	S2 passive	ERG	0.047172541	19665	4 inHg	1060241-02
S2	05/28/21	0.109		3	SW	232	3.2	S2 passive	ERG	0.047172541	111211	4.8 inHg	1060925-02
S3	09/24/19	0.540			NW, W	304	2.5	S3 passive	ERG	0.045184426	18834	3.0 inHg	9092733-03
S3	09/26/19	0.104			NW	313	1.7	S3 passive	ERG	0.045184426	18879	6.0 inHg	9100318-04
S3	09/30/19	0.061		2	N	7	0.9	S3 passive	ERG	0.045184426	19650	7.0 inHg	9100318-05
S3	10/12/19	0.208		2	NW	304	2.2	S3 passive	ERG	0.045184426	SAT058	6.8 inHg	9101802-03
S3	10/24/19	0.064			E	85	1.8	S3 passive	ERG	0.045184426	A21104	6.0 inHg	9103068-03
S3	12/17/19	0.081		2	WNW	294	6.1	S3 passive	ERG	0.045184426	19654	0.0 inHg	0010321-03
S3	12/23/19		AN		ENE	67	4.7	S3 passive	ERG		5139	0.0 inHg	0010321-06
S3	12/31/19	0.026		2,	W	275	6.2	S3 passive	ERG	0.045184426	18879	0.0 inHg	0010716-02
S3	01/16/20		AF		NW	311	5.4	S3 passive	ERG		5034	VOID	0012315-03
S3	01/22/20	0.605			ENE	78	2.2	S3 passive	ERG	0.045184426	SAT033	3.8 inHg	0013009-03
S3	02/03/20	0.418			SSW	211	1.9	S3 passive	ERG	0.045184426	SAT127	4.3 inHg	0021216-03
S3	02/09/20	0.683			ESE	103	3	S3 passive	ERG	0.045184426	SAT176	3.2 inHg	0021825-03
S3	03/28/20	0.278		2	SW	220	2.8	S3 passive	ERG	0.051510246	19647	7.1 inHg	0040817-03
S3	04/09/20	0.193		2	WNW	292	5	S3 passive	ERG	0.051510246	19282	6.5 inHg	0041620-03
S3	04/15/20	0.376		2	NW	320	4.3	S3 passive	ERG	0.051510246	SAT018	0.0 inHg	0042217-03
S3	04/21/20	0.965		2	WNW	288	4.4	S3 passive	ERG	0.051510246	SAT038	5.4 inHg	0050113-03
S3	04/27/20	0.423		2	WNW	302	3.5	S3 passive	ERG	0.051510246	SAT099	5.1 inHg	0050617-05
S3	05/15/20	0.201		2	SE	130	3.2	S3 passive	ERG	0.051510246	33554	6.9 inHg	0052846-03
S3	05/21/20	0.501			E	85	1.7	S3 passive	ERG	0.051510246	A21106	5.8 inHg	0052917-04
S3	05/27/20	0.137			E	90	3.2	S3 passive	ERG	0.051510246	2527	5.7 inHg	0060506-03
S3	06/08/20	0.387		2	ESE	120	4.4	S3 passive	ERG	0.051510246	A21055	6.6 inHg	0061733-07
S3	06/14/20	0.166			ENE	70	1.7	S3 passive	ERG	0.051510246	110335	6.0 inHg	0062524-03
S3	06/20/20	0.177		2	NW	321	1.5	S3 passive	ERG	0.051510246	18865	6.9 inHg	0062611-03
S3	07/08/20	0.445		2	W	280	1	S3 passive	ERG	0.051510246	SAT009	6.1 inHg	0071532-03
S3	07/14/20	0.267		2	WSW	253	1.3	S3 passive	ERG	0.051510246	18864	6.8 inHg	0072413-03
S3	07/20/20	0.889			WSW	258	1	S3 passive	ERG	0.051510246	19291	2.3 inHg	0072930-03
S3	08/07/20	1.493			NE	50	1.7	S3 passive	ERG	0.051510246	SAT014	2.6 inHg	0081932-03
S3	08/13/20	0.909			ESE	109	1.7	S3 passive	ERG	0.051510246	19663	5.9 inHg	0082116-03
S3	08/19/20	2.458		2	SE	125	1.9	S3 passive	ERG	0.051510246	19279	8.1 inHg	0082740-03
S3	08/25/20	1.806		2	E	97	1.2	S3 passive	ERG	0.051510246	SAT118	0.0 inHg	0090237-03
S3	08/31/20	0.352			WSW	238	0.7	S3 passive	ERG	0.051510246	18828	1.8 inHg	0090831-03
S3	09/06/20	0.853			ENE	57	1.7	S3 passive	ERG	0.051510246	SAT061	1.3 inHg	0092336-03
S3	09/12/20	1.674			ESE	105	2.6	S3 passive	ERG	0.051510246	SAT056	2.9 inHg	0092336-06
S3	09/18/20	0.262			NNW	331	2.4	S3 passive	ERG	0.051510246	33233	2.5 inHg	0092509-03
S3	09/24/20	0.466			ESE	104	4.1	S3 passive	ERG	0.051510246	A21073	2.6 inHg	0100211-03
S3	10/06/20	0.378			E	87	1.2	S3 passive	ERG	0.051510246	A21083	3.2 inHg	0101529-03
S3	10/12/20	2.512			WNW	283	1.9	S3 passive	ERG	0.051510246	35131	4.8 inHg	0102302-03
S3	10/18/20	0.110		2	E	94	2.4	S3 passive	ERG	0.051510246	213	0.0 inHg	0102914-03
S3	10/24/20	0.221		2	N	3	1.1	S3 passive	ERG	0.051510246	19666	11.0 inHg	0110518-03
S3	11/05/20	0.273			E	93	0.8	S3 passive	ERG	0.051510246	SAT174	2.9 inHg	0111209-03
S3	11/11/20	0.522			S	170	1.3	S3 passive	ERG	0.051510246	SAT156	5.8 inHg	0112512-03

S3	11/17/20		0.275			NW	314	4.7	S3 passive	ERG	0.051510246	35117	3.3 inHg	0112512-07
S3	11/23/20		0.057			NW	316	3.5	S3 passive	ERG	0.051510246	33309	3.2 inHg	0120410-05
S3	12/17/20		0.085			WNW	293	4.8	S3 passive	ERG	0.051510246	110314	1.9 inHg	0122408-03
S3	12/23/20		0.058			ESE	114	3.3	S3 passive	ERG	0.051510246	114340	3.2 inHg	1010627-03
S3	12/29/20		0.284			E	100	2	S3 passive	ERG	0.051510246	SAT076	3.9 inHg	1010523-03
S3	01/04/21		0.278			SSW	292	1.9	S3 passive	ERG	0.051510246	A21047	3.7 inHg	1011515-03
S3	01/10/21		0.184			ENE	60	1.5	S3 passive	ERG	0.051510246	SAT068	1.5 inHg	1012724-03
S3	01/22/21		0.000		ND, U, 2	NNW	329	1	S3 passive	ERG	0.051510246	19658	0.0 inHg	1020318-03
S3	01/28/21		0.000		ND, U	NW	317	6.6	S3 passive	ERG	0.051510246	35119	2.8 inHg	1020424-03
S3	02/03/21		0.000		ND, U	NW	308	4.2	S3 passive	ERG	0.047172541	110335	2.3 inHg	1021021-04
S3	02/09/21		0.291			ENE	69	1.5	S3 passive	ERG	0.047172541	SAT076	3.8 inHg	1021828-04
S3	02/15/21		0.502		D-F, 2	E	98	3.7	S3 passive	ERG	0.047172541	SAT114	6.8 inHg	1030328-03
S3	02/21/21		0.564			ESE	122	4.3	S3 passive	ERG	0.047172541	SAT075	5.9 inHg	1030328-08
S3	03/05/21			AF		NW	322	3.2	S3 passive	ERG	0.0472		Did not Collect	No sample ID possible
S3	03/17/21		0.199			ESE	103	3.1	S3 passive	ERG	0.047172541	110322	5.2 inHg	1032431-03
S3	03/29/21		0.089			NNW	343	2.1	S3 passive	ERG	0.047172541	18870	4.8 inHg	1041340-02
S3	04/04/21		0.130			WNW	291	1.7	S3 passive	ERG	0.047172541	19643	2.1 inHg	1042219-02
S3	04/10/21		0.146			SSE	161	3.8	S3 passive	ERG	0.047172541	114386	4.5 inHg	1042219-06
S3	04/16/21		0.369			NNW	333	2.2	S3 passive	ERG	0.047172541	A21109	4.1 inHg	1042935-04
S3	04/22/21		0.095			WNW	290	1.7	S3 passive	ERG	0.047172541	33512	2.0 inHg	1050323-01
S3	04/28/21		0.173			SSW	204	1.7	S3 passive	ERG	0.047172541	110308	5.0 inHg	1051246-05
S3	05/04/21		0.138			SSW	200	2.5	S3 passive	ERG	0.047172541	114340	4.9 inHg	1051939-04
S3	05/10/21		0.334			W	278	3	S3 passive	ERG	0.047172541	110305	4.8 inHg	1051939-07
S3	05/16/21		0.938			SSW	198	1.2	S3 passive	ERG	0.047172541	A21017	4.1 inHg	1060325-04
S3	05/22/21		0.985			ENE	69	1.1	S3 passive	ERG	0.047172541	A21078	3.7 inHg	1060241-03
S3	05/28/21		0.253			SW	232	3.2	S3 passive	ERG	0.047172541	19664	4.9 inHg	1060837-03
S4	10/06/19		0.060			E	87	3.8	S4 passive	ERG	0.045184426	A21078	1.9 inHg	9100921-10
S4	10/24/19		0.000		U, ND	E	85	1.8	S4 passive	ERG	0.045184426	19646	2.0 inHg	9103068-04
S4	11/20/19	QA	0.257		2	NW	310	3.2	S4 passive QA	ERG	0.045184426	9570	0.0 inHg	9112204-05
S4	11/23/19		0.097			WSW	244	4.2	S4 passive	ERG	0.045184426	A21108	2.8 inHg	9112712-04
S4	12/17/19		0.356		2	WNW	294	6.1	S4 passive	ERG	0.045184426	19648	0.0 inHg	0010321-04
S4	12/23/19			AN		ENE	67	4.7	S4 passive	ERG		A21096	0.0 inHg	0010321-07
S4	12/31/19		0.219		2, U	W	275	6.2	S4 passive	ERG	0.045184426	A21037	0.0 inHg	0010716-03
S4	01/04/20		1.580		2	WNW	285	7.3	S4 passive	ERG	0.045184426	A21002	4.1 inHg	0011422-03
S4	01/22/20		0.162			ENE	78	2.2	S4 passive	ERG	0.045184426	SAT078	2.1 inHg	0013009-04
S4	01/22/20	QA	0.176			ENE	78	2.2	S4 passive QA	ERG	0.045184426	A21025	2.0 inHg	0013009-05
S4	01/28/20		0.488		2	WNW	301	2.5	S4 passive	ERG	0.045184426	SAT173	0.0 inHg	0020525-04
S4	02/03/20		0.380			SSW	211	1.9	S4 passive	ERG	0.045184426	19664	3.9 inHg	0021216-04
S4	02/09/20		0.340			ESE	103	3	S4 passive	ERG	0.045184426	A21042	2.2 inHg	0021825-04
S4	02/15/20		0.450			E	93	2.4	S4 passive	ERG	0.045184426	A21051	4.0 inHg	0022612-04
S4	02/15/20	QA	0.416			E	93	2.4	S4 passive QA	ERG	0.045184426	49	2.2 inHg	0022527-01
S4	03/04/20		0.616			WSW	241	1.6	S4 passive	ERG	0.051510246	A21094	3.2 inHg	0031013-02
S4	03/10/20		0.298			SSW	197	2.1	S4 passive	ERG	0.051510246	A21040	3.5 inHg	0031722-03
S4	03/28/20		0.405			SW	220	2.8	S4 passive	ERG	0.051510246	A21084	2.3 inHg	0040817-04
S4	04/09/20		0.683			WNW	292	5	S4 passive	ERG	0.051510246	A21017	1.2 inHg	0041620-04
S4	04/09/20	QA	0.719		2	WNW	292	5	S4 passive QA	ERG	0.051510246	SAT081	0.0 inHg	0041620-05
S4	04/15/20		0.269		2	NW	320	4.3	S4 passive	ERG	0.051510246	A21083	0.0 inHg	0042217-04
S4	04/21/20		0.287		2	WNW	288	4.4	S4 passive	ERG	0.051510246	18832	0.0 inHg	0050113-04
S4	04/21/20	QA	0.960		2	WNW	288	4.4	S4 passive QA	ERG	0.051510246	SAT182	4.3 inHg	0050113-05
S4	04/27/20		0.889		2	WNW	302	3.5	S4 passive	ERG	0.051510246	SAT173	0.0 inHg	0050617-03
S4	05/03/20		1.164			WSW	255	2.6	S4 passive	ERG	0.051510246	SAT058	2.5 inHg	0051409-04

S4	05/09/20	QA	0.718			NW	320	3.6	S4 passive QA	ERG	0.051510246	SAT071	1.2 inHg	0051505-04
S4	05/15/20		0.293			SE	130	3.2	S4 passive	ERG	0.051510246	A21025	1.9 inHg	0052846-04
S4	05/21/20		0.260			E	85	1.7	S4 passive	ERG	0.051510246	A22328	1.0 inHg	0052917-05
S4	05/27/20		1.180		2	E	90	3.2	S4 passive	ERG	0.051510246	SAT131	0.0 inHg	0060506-04
S4	06/02/20		0.904			S	185	1.7	S4 passive	ERG	0.051510246	SAT018	1.2 inHg	0061733-04
S4	06/08/20	QA	0.199		2	ESE	120	4.4	S4 passive QA	ERG	0.051510246	19288	0.0 inHg	0061733-09
S4	06/14/20		0.151		2	ENE	70	1.7	S4 passive	ERG	0.051510246	A21010	0.0 inHg	0062524-04
S4	06/20/20		0.488			NW	321	1.5	S4 passive	ERG	0.051510246	A21095	1.4 inHg	0062611-04
S4	07/08/20		0.443		2	W	280	1	S4 passive	ERG	0.051510246	A21082	0.0 inHg	0071532-04
S4	07/08/20	QA	0.596		2	W	280	1	S4 passive QA	ERG	0.051510246	A21036	0.0 inHg	0071532-05
S4	07/14/20		0.859		2	WSW	253	1.3	S4 passive	ERG	0.051510246	53	0.0 inHg	0072413-04
S4	07/26/20		0.535			NNW	340	0.9	S4 passive	ERG	0.051510246	49	4.7 inHg	0080535-04
S4	08/07/20		0.595		D-F	NE	50	1.7	S4 passive	ERG	0.051510246	35131	4.0 inHg	0081932-04
S4	08/07/20	QA	0.869		2, D-F	NE	50	1.7	S4 passive QA	ERG	0.051510246	SAT156	0.0 inHg	0081932-05
S4	08/13/20		0.737		2	ESE	109	1.7	S4 passive	ERG	0.051510246	A21056	7.8 inHg	0082116-04
S4	08/19/20			AO		SE	125	1.9	S4 passive	ERG	0.0515	A21069	17.1 inHg	0082740-04
S4	08/25/20			DA		E	97	1.2	S4 passive	ERG	0.0515	A21084	11.8 inHg	0090237-04
S4	08/31/20			AA		WSW	238	0.7	S4 passive	ERG	0.0515	A21077	16.8 inHg	0090831-04
S4	09/06/20			AN		ENE	57	1.7	S4 passive	ERG		SAT173	29.2 inHg	0092336-08
S4	09/12/20		1.193		2	ESE	105	2.6	S4 passive	ERG	0.051510246	A21102	0.0 inHg	0092336-07
S4	09/18/20		0.000		2, ND, U	NNW	331	2.4	S4 passive	ERG	0.051510246	9570	0.0 inHg	0092509-04
S4	09/18/20	QA	1.216			NNW	331	2.4	S4 passive QA	ERG	0.051510246	44	5.0 inHg	0092509-05
S4	09/24/20		0.372			ESE	104	4.1	S4 passive	ERG	0.051510246	A21088	1.0 inHg	0100211-04
S4	10/06/20		0.175			E	87	1.2	S4 passive	ERG	0.051510246	18873	1.9 inHg	0101529-04
S4	10/18/20		0.000		U, ND	E	94	2.4	S4 passive	ERG	0.051510246	114366	1.6 inHg	0102914-04
S4	10/24/20		0.333			N	3	1.1	S4 passive	ERG	0.051510246	A21021	5.0 inHg	0110518-04
S4	10/30/20		0.345			NW	310	4.8	S4 passive	ERG	0.051510246	A21106	1.6 inHg	0110923-03
S4	10/30/20	QA	0.102			NW	310	4.8	S4 passive QA	ERG	0.051510246	19660	3.5 inHg	0110923-04
S4	11/05/20		0.186			E	93	0.8	S4 passive	ERG	0.051510246	A21055	1.3 inHg	0111209-04
S4	11/17/20		0.157		2	NW	314	4.7	S4 passive	ERG	0.051510246	A21050	0.0 inHg	0112512-08
S4	11/17/20	QA	0.150		2	NW	314	4.7	S4 passive QA	ERG	0.051510246	A21026	0.0 inHg	0112512-09
S4	11/23/20		0.062			NW	316	3.5	S4 passive	ERG	0.051510246	A21044	1.9 inHg	0120410-07
S4	11/29/20		0.106			ESE	103	2.8	S4 passive	ERG	0.051510246	A21074	4.6 inHg	0120410-08
S4	12/05/20			AL		WNW	291	3.5	S4 passive	ERG		SAT148	26.9 inHg	0121714-01
S4	12/11/20		0.587			SSE	148	1	S4 passive	ERG	0.051510246	A21006	2.8 inHg	0122325-04
S4	12/17/20		0.171			WNW	293	4.8	S4 passive	ERG	0.051510246	A21058	4.8 inHg	0122408-04
S4	12/23/20		0.151			ESE	114	3.3	S4 passive	ERG	0.051510246	35139	2.1 inHg	1010627-04
S4	12/29/20		0.137			E	100	2	S4 passive	ERG	0.051510246	114344	2.9 inHg	1010523-04
S4	01/04/21		0.128			SSW	292	1.9	S4 passive	ERG	0.051510246	A21050	2.2 inHg	1011515-04
S4	01/10/21		0.179		2	ENE	60	1.5	S4 passive	ERG	0.051510246	A21099	0.0 inHg	1012724-04
S4	01/10/21	QA	0.132		2	ENE	60	1.5	S4 passive QA	ERG	0.051510246	SAT020	0.0 inHg	1012724-05
S4	01/16/21		0.066			W	268	4.4	S4 passive	ERG	0.051510246	19647	2.1 inHg	1012724-09
S4	01/28/21		0.000		ND, U	NW	317	6.6	S4 passive	ERG	0.051510246	A21109	2.3 inHg	1020424-04
S4	02/03/21		0.070			NW	308	4.2	S4 passive	ERG	0.047172541	110322	1.9 inHg	1021021-05
S4	02/09/21		0.235			ENE	69	1.5	S4 passive	ERG	0.047172541	213	2.0 inHg	1021828-05
S4	02/15/21		0.376		D-F	E	98	3.7	S4 passive	ERG	0.047172541	SAT145	2.8 inHg	1030328-05
S4	02/21/21	QA	0.365		2	ESE	122	4.3	S4 passive QA	ERG	0.047172541	SAT185	0.0 inHg	1030328-09
S4	02/27/21		0.199			ESE	107	2.4	S4 passive	ERG	0.047172541	A21065	4.1 inHg	1031120-03
S4	02/27/21	QA	0.289		2	ESE	107	2.4	S4 passive QA	ERG	0.047172541	A21031	0.0 inHg	1031031-02
S4	03/05/21			AF		NW	322	3.2	S4 passive	ERG	0.0472		Did not Collect	No sample ID possible
S4	03/11/21		0.255			SSW	194	1.6	S4 passive	ERG	0.047172541	A21053	5.2 inHg	1031638-04

S4	03/17/21		0.224			ESE	103	3.1	S4 passive	ERG	0.047172541	A21101	4.2 inHg	1032431-04
S4	03/29/21		0.246			NNW	343	2.1	S4 passive	ERG	0.047172541	A21098	5.9 inHg	1041340-05
S4	04/04/21		0.116			WNW	291	1.7	S4 passive	ERG	0.047172541	18828	3.9 inHg	1042219-03
S4	04/10/21		0.327			SSE	161	3.8	S4 passive	ERG	0.047172541	A21108	5.9 inHg	1042219-07
S4	04/22/21		0.316		2, D-F	WNW	290	1.7	S4 passive	ERG	0.047172541	111219	6.1 inHg	1050719-01
S4	04/22/21	QA	0.495		D-F	WNW	290	1.7	S4 passive QA	ERG	0.047172541	18880	5.8 inHg	1043024-03
S4	04/28/21		0.273		2	SSW	204	1.7	S4 passive	ERG	0.047172541	A21026	6.5 inHg	1051246-04
S4	05/04/21		0.490			SSW	200	2.5	S4 passive	ERG	0.047172541	A22304	5.8 inHg	1051939-03
S4	05/10/21		0.174		2	W	278	3	S4 passive	ERG	0.047172541	110258	6.1 inHg	1051939-08
S4	05/16/21		0.105			SSW	198	1.2	S4 passive	ERG	0.047172541	19647	5.8 inHg	1060325-05
S4	05/22/21		0.109			ENE	69	1.1	S4 passive	ERG	0.047172541	19295	5.1 inHg	1060325-06
S6	12/23/19			AN		ENE	67	4.7	S6 passive				Did not Collect	No sample ID possible
S6	12/23/19			AN					S6 passive	ERG		SAT021	0.0 inHg	0010324-02
S6	06/20/20		0.240		2	NW	321	1.5	S6 passive	ERG	0.051510246	18883	8.1 inHg	0062611-05
S6	07/20/20		0.302			WSW	258	1	S6 passive	ERG	0.051510246	19277	1.6 inHg	0072930-05
S6	11/23/20		0.000		2, U, ND	NW	316	3.5	S6 passive	ERG	0.051510246	19644	0.0 inHg	0120410-09
S6	12/23/20		0.055			ESE	114	3.3	S6 passive	ERG	0.051510246	18874	1.3 inHg	1010722-01
S7	12/23/19			AN		ENE	67	4.7	S7 passive				Did not Collect	No sample ID possible
S7	12/23/19			AN					S7 passive	ERG		5024	VOID	0010324-03
S7	12/31/19		0.172		2	W	275	6.2	S7 passive	ERG	0.045184426	SAT014	0.0 inHg	0010716-05
S7	01/04/20			AF		WNW	285	7.3	S7 passive	ERG		SAT176	25.1 inHg	0011422-05
S7	01/22/20		0.100		U	ENE	78	2.2	S7 passive	ERG	0.0452	18831	1.0 inHg	0012928-01
S7	03/28/20		0.336		2	SW	220	2.8	S7 passive	ERG	0.051510246	18876	8.1 inHg	0040817-06
S7	04/27/20		0.414			WNW	302	3.5	S7 passive	ERG	0.051510246	18878	4.8 inHg	0050617-04
S7	07/20/20		0.678		2	WSW	258	1	S7 passive	ERG	0.051510246	SAT003	0.0 inHg	0072930-06
S7	08/19/20			AF		SE	125	1.9	S7 passive				Did not Collect	No sample ID possible
S7	09/24/20		0.371			ESE	104	4.1	S7 passive	ERG	0.051510246	SAT179	4.9 inHg	0100211-05
S7	10/30/20		0.197			NW	310	4.8	S7 passive	ERG	0.051510246	A21040	3.5 inHg	0110604-02
S7	11/23/20		0.093			NW	316	3.5	S7 passive	ERG	0.051510246	33503	2.0 inHg	0120410-10
S7	12/23/20			AN					S7 passive	ERG	0.0515	A21103	29.6 inHg	1010523-05
S7	01/28/21		0.000		2, ND, U	NW	317	6.6	S7 passive	ERG	0.051510246	114386	0.0 inHg	1020424-05
S7	02/27/21		0.087			ESE	107	2.4	S7 passive	ERG	0.047172541	A21074	1.5 inHg	1031120-04
S7	03/29/21		0.134		2	NNW	343	2.1	S7 passive	ERG	0.047172541	18881	6.1 inHg	1041340-04
S7	04/28/21		0.486		2	SSW	204	1.7	S7 passive	ERG	0.047172541	SAT012	7.0 inHg	1051246-03
South DeKalb	08/13/19		0.096			SW	225	0.1	South DeKalb ATEC	ERG	0.045184426	114308	14 psig	9082209-03
South DeKalb	08/16/19		0.112			WNW	288	0.2	South DeKalb ATEC	ERG	0.045184426	S/N00013	12 psig	9082209-01
South DeKalb	09/04/19		0.101			NE	35	0.1	South DeKalb ATEC	ERG	0.045184426	110335	8 psig	9091129-01
South DeKalb	09/19/19		0.095		2	ESE	105	0.7	South DeKalb passive	ERG	0.045184426	18826	11.2 psig	9092560-01
South DeKalb	09/20/19		0.157			ESE	107	0.4	South DeKalb ATEC	ERG	0.045184426	114369	12 psig	9092609-01
South DeKalb	09/30/19		0.240			W	264	0.1	South DeKalb passive	ERG	0.045184426	A21046	0.7 inHg	9100319-01
South DeKalb	10/06/19		0.144			ENE	78	0.6	South DeKalb passive	ERG	0.045184426	SAT158	2.5 inHg	9100923-02

South DeKalb	10/19/19		0.097			ENE	69	0.8	South DeKalb passive	ERG	0.045184426	A21013	2.2 inHg	9102508-01
South DeKalb	10/24/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/27/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/30/19		0.130			SE	127	0.1	South DeKalb passive	ERG	0.045184426	A21009	4.6 inHg	9110119-01
South DeKalb	11/01/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/03/19			AF					South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	11/05/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/08/19		0.139			NW	306	0.3	South DeKalb passive	ERG	0.045184426	A21025	3.1 inHg	9111413-01
South DeKalb	11/13/19		0.129			E	93	0.6	South DeKalb passive	ERG	0.045184426	SAT123	1.9 inHg	9111510-01
South DeKalb	11/23/19		0.082		2, U	WSW	251	0.5	South DeKalb passive	ERG	0.045184426	19277	0.0 inHg	9120424-02
South DeKalb	12/11/19		0.034		U	NW	323	0.4	South DeKalb passive	ERG	0.045184426	18864	3.2 inHg	9121842-01
South DeKalb	12/23/19			AN		ENE	65	1.5	South DeKalb passive	ERG		9570	VOID	0010324-01
South DeKalb	01/04/20		0.160		2	WNW	292	1.3	South DeKalb passive	ERG	0.045184426	A21084	0.0 inHg	0010908-01
South DeKalb	01/07/20		0.042		2, VB	WNW	285	1.1	South DeKalb passive	ERG	0.045184426	A21058	0.0 inHg	0011706-01
South DeKalb	01/10/20			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	01/22/20		0.418			E	86	0.4	South DeKalb passive	ERG	0.045184426	A21100	2.9 inHg	0020428-01
South DeKalb	01/28/20			AN		WNW	293	0.5	South DeKalb passive	ERG		18828	28.9 inHg	0020523-01
South DeKalb	02/03/20		0.318			SW	224	0.4	South DeKalb passive	ERG	0.045184426	A21058	5.3 inHg	0021217-01
South DeKalb	02/03/20	QA	0.275			SW	224	0.4	South DeKalb passive QA	ERG	0.045184426	A21032	2.9 inHg	0021312-01
South DeKalb	02/09/20			SC		ESE	104	0.8	South DeKalb passive	ERG	0.045184426	A21070	3.2 inHg	0022018-01
South DeKalb	02/21/20		0.165			N	357	0.2	South DeKalb passive	ERG	0.045184426	18870	3.3 inHg	0022815-01
South DeKalb	03/04/20		0.213			NW	319	0.1	South DeKalb passive	ERG	0.051510246	19284	4.7 inHg	0031323-01
South DeKalb	03/10/20	QA	0.242			SW	215	0.3	South DeKalb ATEC QA	ERG	0.051510246	SAT117	13.2 inHg	0031837-01
South DeKalb	03/16/20		0.459			E	84	0.9	South DeKalb passive	ERG	0.051510246	SAT016	4.5 inHg	0032320-01
South DeKalb	03/22/20		0.146			E	90	0.8	South DeKalb passive	ERG	0.051510246	SAT120	3.3 inHg	0040114-01
South DeKalb	03/22/20	QA	0.296			E	90	0.8	South DeKalb ATEC QA	ERG	0.051510246	A21101	12.9 psi	0040114-02

South DeKalb	03/28/20		0.369		2	SW	235	0.6	South DeKalb passive	ERG	0.051510246	44	6.2 inHg	0040815-01
South DeKalb	04/03/20	QA	0.468		2	W	278	0.3	South DeKalb passive QA	ERG	0.051510246	SAT042	0.0 inHg	0041004-02
South DeKalb	04/09/20		0.151			WNW	291	1	South DeKalb passive	ERG	0.051510246	18873	5.5 inHg	0041708-01
South DeKalb	04/15/20			AA		NW	306	0.5	South DeKalb ATEC	ERG	0.051510246	A21042	27.56	0042221-02
South DeKalb	04/15/20		0.163		2	NW	306	0.5	South DeKalb passive	ERG	0.051510246	A21035	0.0 inHg	0042221-01
South DeKalb	04/21/20		0.844		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21071	13.1 inHg	0050115-01
South DeKalb	05/09/20		0.156		2	WNW	291	0.3	South DeKalb passive	ERG	0.051510246	SAT130	4.1 inHg	0051507-01
South DeKalb	05/15/20		0.504		2	SE	127	0.4	South DeKalb passive	ERG	0.051510246	A21097	0.0 inHg	0052849-01
South DeKalb	05/21/20		0.202			ESE	111	0.2	South DeKalb passive	ERG	0.051510246	A21013	5.0 inHg	0052916-01
South DeKalb	05/27/20			AO		E	93	0.5	South DeKalb passive	ERG		A21080	18.2 inHg	0060509-01
South DeKalb	06/02/20		0.531			S	177	0.2	South DeKalb passive	ERG	0.051510246	A21001	1.5 inHg	0061041-01
South DeKalb	06/02/20	QA	0.142			S	177	0.2	South DeKalb passive QA	ERG	0.051510246	33297	4.0 inHg	0061041-02
South DeKalb	06/08/20		1.151			ESE	110	0.7	South DeKalb passive	ERG	0.051510246	35117	3.0 inHg	0061734-01
South DeKalb	06/20/20		0.821			WNW	295	0.2	South DeKalb passive	ERG	0.051510246	A21047	2.0 inHg	0070605-01
South DeKalb	06/26/20		0.598			WNW	289	0.7	South DeKalb passive	ERG	0.051510246	A21071	2.9 inHg	0070841-01
South DeKalb	07/08/20		0.815			SW	233	0.05	South DeKalb passive	ERG	0.051510246	SAT016	2.1 inHg	0071714-01
South DeKalb	07/20/20		3.759			WSW	251	0.1	South DeKalb passive	ERG	0.051510246	A21050	2.0 inHg	0072932-01
South DeKalb	07/26/20		0.513			SW	214	0.1	South DeKalb passive	ERG	0.051510246	SAT064	2.8 inHg	0080537-01
South DeKalb	08/01/20	QA	0.455			SSW	211	0.3	South DeKalb passive QA	ERG	0.051510246	A21065	1.5 inHg	0081409-03
South DeKalb	08/07/20		0.951			SSE	168	0.1	South DeKalb passive	ERG	0.051510246	A21098	1.0 inHg	0081409-02
South DeKalb	08/19/20		0.741			SE	129	0.2	South DeKalb passive	ERG	0.051510246	33503	3.3 inHg	0082741-01
South DeKalb	08/25/20		0.410			E	85	0.1	South DeKalb passive	ERG	0.051510246	19660	1.7 inHg	0090240-01
South DeKalb	08/31/20		0.971		2	WSW	255	0.1	South DeKalb passive	ERG	0.051510246	A21028	0.0 inHg	0090414-01
South DeKalb	09/06/20		1.553		2	E	95	0.1	South DeKalb passive	ERG	0.051510246	53	0.0 inHg	0091632-01
South DeKalb	09/18/20			DA		WNW	292	0.1	South DeKalb passive	ERG	0.051510246	35149	VOID	0093026-01
South DeKalb	10/12/20		0.242			W	281	0.3	South DeKalb passive	ERG	0.051510246	18876	1.8 inHg	0101606-01

South DeKalb	10/18/20		0.170		2	ESE	107	0.3	South DeKalb passive	ERG	0.051510246	114344	0.0 inHg	0102917-01
South DeKalb	10/24/20		0.699		2	SE	140	0.1	South DeKalb passive	ERG	0.051510246	A21089	9.5 inHg	0103007-01
South DeKalb	11/05/20	QA	0.183			ESE	110	0.1	South DeKalb passive QA	ERG	0.051510246	A21015	3.8inhg	0111825-03
South DeKalb	11/17/20		0.134			NW	307	0.5	South DeKalb passive	ERG	0.051510246	A21025	3.0 inHg	0112514-01
South DeKalb	12/11/20		0.140			ESE	118	0.1	South DeKalb passive	ERG	0.051510246	A21036	1.9 inHg	0122328-01
South DeKalb	12/11/20	QA	0.217			ESE	118	0.1	South DeKalb passive QA	ERG	0.051510246	35136	4 inHg	0122328-02
South DeKalb	12/23/20		0.091			ESE	109	0.6	South DeKalb passive	ERG	0.051510246	114348	3.8 inHg	1010628-01
South DeKalb	12/23/20		0.103			ESE	109	0.6	South DeKalb ATEC	ERG	0.051510246	110305	10psig	1010721-01
South DeKalb	12/29/20			AK		E	98	0.2	South DeKalb ATEC	ERG		SAT007	VOID	1011328-01
South DeKalb	12/29/20		0.091			E	98	0.2	South DeKalb passive	ERG	0.051510246	114329	3.9 inHg	1011328-02
South DeKalb	01/04/21		0.081			WNW	287	0.3	South DeKalb passive	ERG	0.051510246	35152	2.1 inHg	1011328-03
South DeKalb	01/04/21	QA		SC		WNW	287	0.3	South DeKalb passive QA	ERG	0.051510246	35124	VOID	1011328-04
South DeKalb	01/10/21		0.000		U, ND	SE	130	0.1	South DeKalb ATEC	ERG	0.051510246	33309	11.9 psig	1012128-01
South DeKalb	01/10/21		0.171		2	SE	130	0.1	South DeKalb passive	ERG	0.051510246	A21001		1012128-02
South DeKalb	01/16/21		0.052		2	WNW	287	0.8	South DeKalb ATEC	ERG	0.051510246	33496	12.4 psig	1012725-02
South DeKalb	01/16/21		0.130		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21108		1012725-01
South DeKalb	01/22/21		0.000		2, ND	W	271	0.3	South DeKalb passive	ERG	0.051510246	SAT078	0.0 inHg	1012902-01
South DeKalb	01/28/21		0.258		2, 1 ,6	NW	319	1.2	South DeKalb ATEC	ERG	0.051510246	SAT025	12.9 psig	1020518-02
South DeKalb	02/03/21		0.058		2	WNW	302	0.8	South DeKalb passive	ERG	0.047172541	110342	0.0 inHg	1021209-02
South DeKalb	02/03/21			AA		WNW	302	0.8	South DeKalb passive	ERG	0.047172541	AQL0397	VOID	1021209-01
South DeKalb	02/03/21			AF		WNW	302	0.8	South DeKalb ATEC	ERG		114370	Did not Collect	AK67641
South DeKalb	02/09/21			AF		ENE	60	0.1	South DeKalb ATEC	ERG			Did not Collect	No sample ID possible
South DeKalb	02/15/21		0.043		1, 6, VB	E	94	0.9	South DeKalb ATEC	ERG	0.047172541	2767	12.9 psig	1022212-02
South DeKalb	02/15/21		0.193		1, 6	E	94	0.9	South DeKalb passive	ERG	0.047172541	35135	4.9 inHg	1022212-01
South DeKalb	02/21/21		0.122		1, 6	SE	125	0.8	South DeKalb passive	ERG	0.047172541	18828	5.0 inHg	1030511-01
South DeKalb	02/21/21		0.221		1, 6	SE	125	0.8	South DeKalb ATEC	ERG	0.047172541	SAT092	12.8 psig	1030511-02

South DeKalb	02/27/21		0.076		1, 6	E	90	0.4	South DeKalb ATEC	ERG	0.047172541	33540	13.0 psig	1030511-03
South DeKalb	02/27/21		0.131		2	E	90	0.4	South DeKalb passive	ERG	0.047172541	SAT002	0.0 inHg	1030511-04
South DeKalb	03/05/21			AF		NW	318	0.3	South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	03/11/21		0.165		2, 1, 6	SSE	162	0.2	South DeKalb ATEC	ERG	0.047172541	A21056	13.2 psig	1031637-01
South DeKalb	03/11/21		0.224			SSE	162	0.2	South DeKalb passive	ERG	0.047172541	A21006	1.3 inHg	1031637-03
South DeKalb	03/11/21	QA	0.230		2, 1, 6	SSE	162	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT101	12.4psig	1031637-02
South DeKalb	03/17/21		0.053		2	E	100	0.7	South DeKalb passive	ERG	0.047172541	110314	0.0 inHg	1032327-01
South DeKalb	03/17/21		0.072		1, 6	E	100	0.7	South DeKalb ATEC	ERG	0.047172541	9570	13.2 psig	1032327-02
South DeKalb	03/23/21			AF		E	100	0.8	South DeKalb ATEC	ERG		110258	Did not Collect	1032613-03
South DeKalb	03/23/21		0.112			E	100	0.8	South DeKalb passive	ERG	0.047172541	114366	6 inHg	1032613-01
South DeKalb	03/23/21	QA	0.192		2	E	100	0.8	South DeKalb passive QA	ERG	0.047172541	111219	6.2 inHg	1032613-02
South DeKalb	03/29/21		0.070			E	82	0.1	South DeKalb passive	ERG	0.047172541	114322	3.1 inHg	1040132-02
South DeKalb	03/29/21		0.099		1, 6	E	82	0.1	South DeKalb ATEC	ERG	0.047172541	SAT061	12.4psig	1040132-01
South DeKalb	04/04/21			AF		W	281	0.3	South DeKalb ATEC				Did not Collect	No sample ID possible
South DeKalb	04/04/21		0.093			W	281	0.3	South DeKalb passive	ERG	0.047172541	18889	2.5 inHg	1040822-02
South DeKalb	04/04/21	QA	0.146			W	281	0.3	South DeKalb passive QA	ERG	0.047172541	33315	5.2 inHg	1040822-03
South DeKalb	04/07/21		0.124		1, 6	SW	229	0.2	South DeKalb ATEC	ERG	0.047172541	19284	13.4 psig	1041341-01
South DeKalb	04/10/21		0.103		2, 1, 6	SE	143	0.4	South DeKalb ATEC	ERG	0.047172541	SAT130	11.6 psig	1041341-03
South DeKalb	04/16/21		0.086			S	182	0.1	South DeKalb passive	ERG	0.047172541	9570	3.9 inHg	1042121-01
South DeKalb	04/16/21		0.177		1, 6	S	182	0.1	South DeKalb ATEC	ERG	0.047172541	SAT020	12.6 psig	1042121-02
South DeKalb	04/22/21		0.056		2	WNW	290	0.2	South DeKalb passive	ERG	0.047172541	18865	0.0 inHg	1042837-01
South DeKalb	04/22/21		0.072		1, 6	WNW	290	0.2	South DeKalb ATEC	ERG	0.047172541	110322	12.4psig	1042837-02
South DeKalb	05/04/21	QA	0.267		D-F, 2	SSW	212	0.1	South DeKalb passive QA	ERG	0.047172541	A21013	13.5 inHg	1051245-02
South DeKalb	05/10/21		0.099		1, 6	W	278	0.4	South DeKalb ATEC	ERG	0.047172541	33235	10.2psig	1051940-03
South DeKalb	05/10/21		0.211			W	278	0.4	South DeKalb passive	ERG	0.047172541	18879	5.8 inHg	1051940-01
South DeKalb	05/10/21	QA	0.147		1, 6	W	278	0.4	South DeKalb ATEC QA	ERG	0.047172541	18881	12.4psig	1051940-02

South DeKalb	05/16/21	0.128	1, 6	SSW	205	0.2	South DeKalb ATEC	ERG	0.047172541	19648	9.8psig	1052014-01
South DeKalb	05/16/21	0.549		SSW	205	0.2	South DeKalb passive	ERG	0.047172541	19656	5.5 inHg	1052113-01
South DeKalb	05/22/21	0.168	2	SE	146	0.1	South DeKalb passive	ERG	0.047172541	19288	6.2 inHg	1060326-02
South DeKalb	05/22/21	0.264	1, 6	SE	146	0.1	South DeKalb ATEC	ERG	0.047172541	18873	9.8psig	1060326-03
South DeKalb	05/28/21	0.156	1, 6, 2	SW	234	0.5	South DeKalb ATEC	ERG	0.047172541	114366	9.6psig	1060416-02
South DeKalb	05/28/21	0.483	2	SW	234	0.5	South DeKalb passive	ERG	0.047172541	33507	7.1 inHg	1060416-01

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	Site-Sampler-Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Sample ID
C2	10/03/19		0.596		LK	WNW	300	0.6	C2 passive	ERG	0.045184426	N4102	5.1 inHg	9100922-02
C2	10/06/19		0.155			E	85	2.3	C2 passive	ERG	0.045184426	SAT177	4.8 inHg	9100922-06
C2	10/12/19			AF					C2 passive	ERG	0.0453	SAT147	VOID	9101803-04
C2	10/24/19			AF					C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/27/19		0.322		LK, 2	WNW	290	2	C2 passive	ERG	0.045184426	5117	7.6 inHg	9103069-02
C2	10/30/19		0.333			SE	130	1.2	C2 passive	ERG	0.045184426	SAT029	5.1 inHg	9110118-02
C2	11/01/19		0.219		LK	NW	320	1.9	C2 passive	ERG	0.045184426	SAT135	5.0 inHg	9110553-02
C2	11/03/19		0.240		LK	NW	320	0.6	C2 passive	ERG	0.045184426	A21096	5.5 inHg	9110716-01
C2	11/05/19		0.172		LK	NNE	30	0.6	C2 passive	ERG	0.045184426	SAT176	6.0 inHg	9110810-02
C2	11/08/19		0.046			NNW	330	1.9	C2 passive	ERG	0.045184426	110335	6.0 inHg	9111412-02
C2	11/13/19		0.174		LK	E	90	2	C2 passive	ERG	0.045184426	5082	5.9 inHg	9111509-01
C2	11/15/19		0.248		LK	NE	50	1.3	C2 passive	ERG	0.045184426	5069	6.0 inHg	9112026-02
C2	11/20/19		1.016		2	NNW	315	1	C2 passive	ERG	0.045184426	SAT063	6.1 inHg	9112711-01
C2	11/23/19		0.425		2	W	285	1.5	C2 passive	ERG	0.045184426	SAT069	15.8 inHg	9112711-02
C2	11/29/19		0.445		LK, 2	ENE	75	0.1	C2 passive	ERG	0.045184426	AZ43	7.4 inHg	9120610-01
C2	12/05/19		0.757		2	NW	315	0.9	C2 passive	ERG	0.045184426	2767	6.9 inHg	9121207-01
C2	12/08/19		0.192		LK, 2	E	90	3.3	C2 passive	ERG	0.045184426	18818	6.1 inHg	9121207-02
C2	12/31/19		0.291		LK	W	275	2.9	C2 passive	ERG	0.045184426	5045	1.0 inHg	0010717-01
C2	01/04/20			AF		WNW	290	4.3	C2 passive	ERG		18830	26.8 inHg	0010907-01
C2	01/07/20		0.490			WNW	285	2.8	C2 passive	ERG	0.045184426	SAT113	1.0 inHg	0011618-01
C2	01/14/20			AF		NW	320	0.3	C2 passive	ERG		5081	26.2 inHg	0011705-01
C2	01/16/20		0.598			E	88	2.8	C2 passive	ERG	0.045184426	SAT156	3.5 inHg	0012927-01
C2	01/19/20		0.137		LK	NW	310	4.9	C2 passive	ERG	0.045184426	SAT138	2.5 inHg	0012317-01
C2	01/22/20		0.434		LK	ENE	75	1.7	C2 passive	ERG	0.045184426	5024	2.1 inHg	0012927-05
C2	01/25/20		0.844		LK	WNW	290	2.6	C2 passive	ERG	0.045184426	5132	2.3 inHg	0013008-01
C2	01/28/20		1.009		LK	NW	315	1.3	C2 passive	ERG	0.045184426	5083	3.5 inHg	0020524-01
C2	01/30/20			AA		ENE	75	1.5	C2 passive	ERG	0.045184426	5062	3.2 inHg	0020524-05
C2	02/03/20		0.334			WSW	245	0.6	C2 passive	ERG	0.045184426	19649	3.2 inHg	0021311-01
C2	02/09/20		0.703			E	80	1.3	C2 passive	ERG	0.045184426	SAT085	1.1 inHg	0021921-01
C2	02/15/20		0.148			E	92	0.4	C2 passive	ERG	0.045184426	18889	3.2 inHg	0022425-01
C2	02/21/20		0.481		LK	NE	45	0.5	C2 passive	ERG	0.045184426	5145	2.5 inHg	0022816-01
C2	02/27/20		0.407			NW	315	3.8	C2 passive	ERG	0.045184426	SAT008	1.6 inHg	0030604-01
C2	03/04/20		0.322		LK	NE	45	0.1	C2 passive	ERG	0.051510246	5100	4.8 inHg	0031012-01
C2	03/10/20		0.551			SW	240	0.6	C2 passive	ERG	0.051510246	SAT108	1.3 inHg	0031836-01
C2	03/16/20		0.089			E	85	2.8	C2 passive	ERG	0.051510246	18874	1.8 inHg	0032321-01
C2	03/22/20		0.360		LK	ENE	80	2.9	C2 passive	ERG	0.051510246	5136	1.6 inHg	0040115-01
C2	03/28/20		0.528		LK	WSW	245	1.1	C2 passive	ERG	0.051510246	5124	5.0 inHg	0040814-03
C2	04/03/20		0.331			NW	310	0.6	C2 passive	ERG	0.051510246	18885	1.8 inHg	0041001-01
C2	04/09/20		0.633		LK	WNW	290	3.3	C2 passive	ERG	0.051510246	5046	4.6 inHg	0041707-01
C2	04/15/20		0.737		LK	NW	315	2.9	C2 passive	ERG	0.051510246	AZ38	1.7 inHg	0042218-01
C2	04/21/20		1.309		LK, 2	WNW	285	2.2	C2 passive	ERG	0.051510246	5089	3.8 inHg	0050114-01
C2	04/27/20		0.983		2	NW	310	2.2	C2 passive	ERG	0.051510246	19656	2.6 inHg	0050615-01
C2	05/03/20		0.671		LK	W	270	1.2	C2 passive	ERG	0.051510246	5045	4.9 inHg	0051324-01
C2	05/09/20		0.293		LK	NW	310	2.1	C2 passive	ERG	0.051510246	5099	3.2 inHg	0051504-01
C2	05/15/20			BI		SSE	148	0.3	C2 passive	ERG		5141	4.1 inHg	0052848-01
C2	05/21/20		0.445		LK	NE	58	0.5	C2 passive	ERG	0.051510246	5017	2.9 inHg	0052918-03
C2	05/27/20		0.502			E	80	2.6	C2 passive	ERG	0.051510246	SAT160	3.5 inHg	0060508-01
C2	06/02/20		0.430		LK	SW	238	0.2	C2 passive	ERG	0.051510246	5072	3.9 inHg	0061042-01

C2	06/08/20		BI		ESE	120	1.1	C2 passive	ERG		SAT177	3.9 inHg	0061731-01
C2	06/20/20	1.037		LK	NNW	330	0.8	C2 passive	ERG	0.051510246	SAT028	3.2 inHg	0070602-01
C2	06/26/20	1.142		LK	WNW	285	2.2	C2 passive	ERG	0.051510246	5033	4.7 inHg	0070840-01
C2	07/02/20	0.275			NNW	335	1.2	C2 passive	ERG	0.051510246	19280	4.2 inHg	0070928-01
C2	07/08/20	0.821		LK	NE	45	0.6	C2 passive	ERG	0.051510246	5128	4.5 inHg	0071703-01
C2	07/14/20	0.725		LK	NW	320	0.2	C2 passive	ERG	0.051510246	SAT035	3.1 inHg	0072412-01
C2	07/26/20	13.863		LK	W	268	0.05	C2 passive	ERG	0.051510246	35158	3.1 inHg	0080534-01
C2	08/01/20	0.199		LK	SW	214	0.5	C2 passive	ERG	0.051510246	SAT053	2.1 inHg	0081410-01
C2	08/07/20	0.193			ENE	60	0.1	C2 passive	ERG	0.051510246	33533	1.9 inHg	0081410-05
C2	08/13/20		AF		S	190	0.1	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/19/20		AF		ESE	108	0.2	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/25/20		AF		ENE	67	0.3	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/31/20	0.154			W	278	0.1	C2 passive	ERG	0.051510246	19276	2.7 inHg	0090413-01
C2	09/06/20	0.135			ENE	64	0.2	C2 passive	ERG	0.051510246	33554	2.0 inHg	0091711-01
C2	09/12/20	0.452		LK	E	85	1.8	C2 passive	ERG	0.051510246	5014	4.1 inHg	0092335-01
C2	09/18/20	4.771		LK	NNW	30	0.8	C2 passive	ERG	0.051510246	35128	2.7 inHg	0093025-01
C2	09/24/20	0.280		LK	E	90	1.6	C2 passive	ERG	0.051510246	5101	2.1 inHg	0093025-05
C2	10/06/20	0.387			E	85	0.6	C2 passive	ERG	0.051510246	SAT080	1.8 inHg	0101528-01
C2	10/12/20		AF		WNW	285	0.6	C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/18/20	0.114			ENE	75	2.3	C2 passive	ERG	0.051510246	114340	1.0 inHg	0102916-01
C2	10/24/20	0.387			SSE	165	0.2	C2 passive	ERG	0.051510246	111219	2.9 inHg	0103006-01
C2	10/30/20	0.134			NW	310	4.1	C2 passive	ERG	0.051510246	33554	1.6 inHg	0111125-01
C2	11/05/20	0.213			ENE	65	1	C2 passive	ERG	0.051510246	SAT118	1.1 inHg	0111824-01
C2	11/11/20	0.195			E	80	0.2	C2 passive	ERG	0.051510246	18836	2.8 inHg	0111824-05
C2	11/17/20	0.282		LK	NW	315	3.4	C2 passive	ERG	0.051510246	A21069	1.5 inHg	0112513-01
C2	11/23/20	0.354			NW	315	2.3	C2 passive	ERG	0.051510246	SAT152	1.1 inHg	0120411-01
C2	11/29/20	0.000		VB	E	84	0.7	C2 passive	ERG	0.051510246	SAT015	3.9 inHg	0121016-01
C2	12/11/20	0.151			ESE	115	0.2	C2 passive	ERG	0.051510246	18870	2.6 inHg	0122326-01
C2	12/23/20	0.096			E	92	1.7	C2 passive	ERG	0.051510246	110257	1.8 inHg	1010626-01
C2	12/29/20	0.184			ENE	75	0.8	C2 passive	ERG	0.051510246	114322	2.0 inHg	1011326-02
C2	01/04/21	0.186			WNW	295	1.2	C2 passive	ERG	0.051510246	A21028	1.7 inHg	1011326-06
C2	01/10/21	0.062			ENE	70	0.5	C2 passive	ERG	0.051510246	18824	1.2 inHg	1012127-01
C2	01/16/21	0.049		VB	WNW	285	2.3	C2 passive	ERG	0.051510246	19657	1.0 inHg	1012726-01
C2	01/28/21	0.313		LK	NW	315	5.6	C2 passive	ERG	0.051510246	A21033	1.8 inHg	1020519-01
C2	02/03/21	0.093		2	NW	310	3.6	C2 passive	ERG	0.047172541	110305	1.4 inHg	1021208-01
C2	02/09/21	0.365			ENE	65	0.6	C2 passive	ERG	0.047172541	SAT016	3.3 inHg	1021908-05
C2	02/15/21	0.079		2	E	85	2.4	C2 passive	ERG	0.047172541	19649	10.3 inHg	1022211-01
C2	02/21/21	0.091			ESE	105	2.1	C2 passive	ERG	0.047172541	33240	4.8 inHg	1030510-01
C2	02/27/21	0.122			ENE	70	1	C2 passive	ERG	0.047172541	19294	1.7 inHg	1031121-01
C2	03/05/21		AF		NNW	340	1.5	C2 passive	ERG	0.0472		Did not Collect	No sample ID possible
C2	03/11/21	0.287			S	185	0.6	C2 passive	ERG	0.047172541	18835	2.0 inHg	1031639-01
C2	03/17/21	0.143			E	85	1.5	C2 passive	ERG	0.047172541	110305	2.9 inHg	1032432-01
C2	03/23/21	0.137			E	80	2.3	C2 passive	ERG	0.047172541	111211	2.3 inHg	1040729-01
C2	03/29/21	0.300			N	0	1.6	C2 passive	ERG	0.047172541	A21042	1.9 inHg	1041343-03
C2	04/04/21	1.066		LK	WNW	285	0.8	C2 passive	ERG	0.047172541	SAT165	1.2 inHg	1042215-01
C2	04/10/21	0.515			SSE	160	1.1	C2 passive	ERG	0.047172541	A21012	1.9 inHg	1042215-05
C2	04/16/21	0.474			NE	45	0.7	C2 passive	ERG	0.047172541	A21005	2.0 inHg	1042933-01

C2	04/28/21	0.168			SSW	205	0.4	C2 passive	ERG	0.047172541	110335	4.1 inHg	1050523-01
C2	05/04/21	0.298		LK	W	265	1.2	C2 passive	ERG	0.047172541	SAT081	5.4 inHg	1051942-01
C2	05/10/21	0.694		LK, 2	WNW	290	1.3	C2 passive	ERG	0.047172541	A21071	7.2 inHg	1051942-05
C2	05/16/21	0.446			SW	225	0.4	C2 passive	ERG	0.047172541	33533	4.6 inHg	1060323-01
C2	05/22/21	0.437			ENE	70	0.5	C2 passive	ERG	0.047172541	18827	3.9 inHg	1060323-02
C2	05/28/21	0.230		LK	WSW	245	1.1	C2 passive	ERG	0.047172541	18868	4.7 inHg	1060415-01
C3	10/03/19	0.492			WNW	300	0.6	C3 passive	ERG	0.045184426	SAT033	6.0 inHg	9100922-03
C3	10/06/19	0.168		LK	E	85	2.3	C3 passive	ERG	0.045184426	A21069	5.5 inHg	9100922-07
C3	10/12/19	0.586		2	WNW	290	1	C3 passive	ERG	0.045184426	SAT166	6.5 inHg	9101803-02
C3	10/18/19	0.569			E	85	1.3	C3 passive	ERG	0.045184426	SAT084	3.8 inHg	9102507-01
C3	10/24/19	0.065			E	90	1.6	C3 passive	ERG	0.045184426	18869	5.5 inHg	9103069-03
C3	10/27/19	0.358		LK, 2	WNW	290	2	C3 passive	ERG	0.045184426	5069	7.1 inHg	9103069-04
C3	10/30/19	0.347			SE	130	1.2	C3 passive	ERG	0.045184426	18831	5.1 inHg	9110118-03
C3	11/01/19	0.129			NW	320	1.9	C3 passive	ERG	0.045184426	SAT155	3.8 inHg	9110553-03
C3	11/03/19	0.217			NW	320	0.6	C3 passive	ERG	0.045184426	44	5.0 inHg	9110635-02
C3	11/05/19		AF		NNE	30	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	11/08/19	0.372			NNW	330	1.9	C3 passive	ERG	0.045184426	SAT161	5.6 inHg	9111412-03
C3	11/13/19	0.502		LK	E	90	2	C3 passive	ERG	0.045184426	5132	5.8 inHg	9111509-02
C3	11/15/19	0.231			NE	50	1.3	C3 passive	ERG	0.045184426	19283	4.4 inHg	9112026-03
C3	11/20/19	0.577		LK, 2	NNW	315	1	C3 passive	ERG	0.045184426	5007	6.8 inHg	9112711-03
C3	11/23/19	0.286			W	285	1.5	C3 passive	ERG	0.045184426	SAT054	5.6 inHg	9112711-04
C3	11/29/19	0.293		LK	ENE	75	0.1	C3 passive	ERG	0.045184426	AZ45	5.6 inHg	9120610-02
C3	12/05/19	0.484		LK, 2	NW	315	0.9	C3 passive	ERG	0.045184426	5100	6.1 inHg	9121207-03
C3	12/08/19	0.178		LK	E	90	3.3	C3 passive	ERG	0.045184426	19663	4.8 inHg	9121207-04
C3	12/11/19	0.181		LK	NNW	335	2.7	C3 passive	ERG	0.045184426	AZ52	4.9 inHg	9121841-02
C3	12/14/19	0.228		LK	WNW	290	2.3	C3 passive	ERG	0.045184426	19293	4.2 inHg	9121841-07
C3	12/17/19	0.378		LK, 2	WNW	300	3.4	C3 passive	ERG	0.045184426	SAT164	7.1 inHg	9122019-02
C3	12/23/19		AF		ENE	70	5.1	C3 passive	ERG		SAT097	28.0 inHg	0010322-06
C3	01/10/20	0.087			E	80	2.4	C3 passive	ERG	0.045184426	18824	2.9 inHg	0011423-05
C3	01/14/20	0.466		LK, 2	NW	320	0.3	C3 passive	ERG	0.045184426	SAT184	14.5 inHg	0011705-02
C3	01/16/20		AF		NW	320	2.8	C3 passive	ERG	0.04518	A22329	VOID	0012927-02
C3	01/28/20	0.164			NW	315	1.3	C3 passive	ERG	0.045184426	18868	3.4 inHg	0020524-02
C3	01/30/20	0.167			ENE	75	1.5	C3 passive	ERG	0.045184426	19278	4.0 inHg	0021214-01
C3	02/03/20	0.084			WSW	245	0.6	C3 passive	ERG	0.045184426	19647	4.1 inHg	0021311-02
C3	02/09/20	0.540			E	80	1.3	C3 passive	ERG	0.045184426	SAT182	1.8 inHg	0021921-02
C3	02/15/20	0.287			E	92	0.4	C3 passive	ERG	0.045184426	SAT096	2.1 inHg	0022425-02
C3	02/21/20	0.490			NE	45	0.5	C3 passive	ERG	0.045184426	2527	1.2 inHg	0022816-02
C3	02/27/20	0.183		LK	NW	315	3.8	C3 passive	ERG	0.045184426	5103	3.0 inHg	0030604-02
C3	03/04/20	0.517			NE	45	0.1	C3 passive	ERG	0.051510246	SAT107	5.0 inHg	0031012-02
C3	03/10/20	0.093			SW	240	0.6	C3 passive	ERG	0.051510246	19298	2.9 inHg	0031836-02
C3	03/16/20	0.662			E	85	2.8	C3 passive	ERG	0.051510246	SAT013	3.2 inHg	0032321-02
C3	03/22/20	0.208		2	ENE	80	2.9	C3 passive	ERG	0.051510246	19641	2.1 inHg	0040115-02
C3	03/28/20	0.110			WSW	245	1.1	C3 passive	ERG	0.051510246	19649	5.3 inHg	0040814-02
C3	04/03/20	0.286			NW	310	0.6	C3 passive	ERG	0.051510246	18831	3.4 inHg	0041001-02
C3	04/09/20	0.155			WNW	290	3.3	C3 passive	ERG	0.051510246	18824	4.9 inHg	0041707-02
C3	04/21/20	0.153		2	WNW	285	2.2	C3 passive	ERG	0.051510246	19665	3.6 inHg	0050114-02
C3	04/27/20	0.446			NW	310	2.2	C3 passive	ERG	0.051510246	SAT107	3.8 inHg	0050615-02
C3	05/03/20	0.284		LK	W	270	1.2	C3 passive	ERG	0.051510246	5105	5.9 inHg	0051324-02
C3	05/09/20	0.242			NW	310	2.1	C3 passive	ERG	0.051510246	SAT024	3.6 inHg	0051504-04
C3	05/15/20	0.853			SSE	148	0.3	C3 passive	ERG	0.051510246	SAT158	4.1 inHg	0052918-02
C3	05/21/20	0.147			NE	58	0.5	C3 passive	ERG	0.051510246	18836	3.6 inHg	0052918-04

C3	05/27/20		0.405		LK	E	80	2.6	C3 passive	ERG	0.051510246	5015	5.1 inHg	0060508-02
C3	06/02/20		0.495		LK	SW	238	0.2	C3 passive	ERG	0.051510246	5137	5.1 inHg	0061042-02
C3	06/08/20		0.566		LK	ESE	120	1.1	C3 passive	ERG	0.051510246	5115	5.3 inHg	0061731-02
C3	06/14/20		0.502			ENE	70	1.2	C3 passive	ERG	0.051510246	SAT123	4.8 inHg	0061908-02
C3	06/20/20		1.070			NNW	330	0.8	C3 passive	ERG	0.051510246	SAT114	4.9 inHg	0070602-02
C3	06/26/20		1.036		LK	WNW	285	2.2	C3 passive	ERG	0.051510246	5013	5.8 inHg	0070840-02
C3	07/02/20		0.267		LK, 2	NNW	335	1.2	C3 passive	ERG	0.051510246	5141	6.1 inHg	0070928-02
C3	07/08/20		0.754		LK	NE	45	0.6	C3 passive	ERG	0.051510246	5083	5.8 inHg	0071703-03
C3	07/14/20		0.524			NW	320	0.2	C3 passive	ERG	0.051510246	SAT096	4.9 inHg	0072412-02
C3	07/26/20		0.533			W	268	0.05	C3 passive	ERG	0.051510246	SAT015	2.9 inHg	0080534-02
C3	08/01/20		0.354		LK	SW	214	0.5	C3 passive	ERG	0.051510246	SAT149	3.1 inHg	0081410-02
C3	08/07/20		0.385			ENE	60	0.1	C3 passive	ERG	0.051510246	SAT100	2.0 inHg	0081325-01
C3	08/13/20			AF		S	190	0.1	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/19/20			AF		ESE	108	0.2	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/25/20			AF		ENE	67	0.3	C3 passive	ERG			Did not Collect	No sample ID possible
C3	09/06/20		0.170			ENE	64	0.2	C3 passive	ERG	0.051510246	19298	1.9 inHg	0091631-01
C3	09/12/20		1.052		LK	E	85	1.8	C3 passive	ERG	0.051510246	5124	4.0 inHg	0092335-02
C3	09/18/20		0.633			NNW	30	0.8	C3 passive	ERG	0.051510246	SAT075	1.9 inHg	0093025-02
C3	09/30/20		0.136			WNW	300	1	C3 passive	ERG	0.051510246	18869	1.0 inHg	0100833-02
C3	10/06/20		1.081		LK	E	85	0.6	C3 passive	ERG	0.051510246	5027	2.3 inHg	0101528-02
C3	10/12/20			AF		WNW	285	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	10/24/20		0.258			SSE	165	0.2	C3 passive	ERG	0.051510246	114336	2.3 inHg	0103006-02
C3	11/11/20		0.127			E	80	0.2	C3 passive	ERG	0.051510246	18880	1.8 inHg	0111824-06
C3	11/29/20		0.390			E	84	0.7	C3 passive	ERG	0.051510246	SAT016	1.1 inHg	0121016-02
C3	12/05/20		0.358		LK	WNW	290	3.1	C3 passive	ERG	0.051510246	5106	1.4 inHg	0121104-02
C3	12/11/20		0.211		LK	ESE	115	0.2	C3 passive	ERG	0.051510246	5072	2.8 inHg	0122326-02
C3	12/23/20		0.103			E	92	1.7	C3 passive	ERG	0.051510246	110258	1.3 inHg	1010626-02
C3	12/29/20		0.727			ENE	75	0.8	C3 passive	ERG	0.051510246	SAT099	2.3 inHg	1011326-03
C3	01/04/21		0.112			WNW	295	1.2	C3 passive	ERG	0.051510246	18880	1.7 inHg	1011326-07
C3	01/16/21		0.333		LK	WNW	285	2.3	C3 passive	ERG	0.051510246	AZ37	1.6 inHg	1012726-03
C3	01/22/21		0.703			WNW	300	0.7	C3 passive	ERG	0.051510246	SAT013	1.1 inHg	1012903-02
C3	01/28/21		0.186			NW	315	5.6	C3 passive	ERG	0.051510246	44	1.8 inHg	1020519-02
C3	02/03/21		0.000		ND, U	NW	310	3.6	C3 passive	ERG	0.047172541	110258	1.5 inHg	1021208-03
C3	02/09/21		0.164			ENE	65	0.6	C3 passive	ERG	0.047172541	SAT117	3.1 inHg	1021908-01
C3	02/09/21	QA	0.405			ENE	65	0.6	C3 passive QA	ERG	0.047172541	SAT097	2.1 inHg	1021908-02
C3	02/15/21			BI		E	85	2.4	C3 passive	ERG	0.0472	SAT020	2.5 inHg	1022211-02
C3	02/21/21		0.064			ESE	105	2.1	C3 passive	ERG	0.047172541	18876	2.0 inHg	1030510-02
C3	02/27/21		0.199			ENE	70	1	C3 passive	ERG	0.047172541	SAT151	1.3 inHg	1031121-02
C3	03/05/21			AF		NNW	340	1.5	C3 passive	ERG	0.0472		Did not Collect	No sample ID possible
C3	03/11/21		0.152			S	185	0.6	C3 passive	ERG	0.047172541	19279	3.9 inHg	1031639-02
C3	03/17/21		0.105			E	85	1.5	C3 passive	ERG	0.047172541	114344	3.2 inHg	1032432-02
C3	03/23/21		0.349		LK	E	80	2.3	C3 passive	ERG	0.047172541	A21047	2.3 inHg	1040824-01
C3	03/29/21		0.081			N	0	1.6	C3 passive	ERG	0.047172541	19646	2.4 inHg	1041343-05
C3	04/10/21		0.116		2	SSE	160	1.1	C3 passive	ERG	0.047172541	110258	10.1 inHg	1042215-06
C3	04/16/21		0.273		LK, 2	NE	45	0.7	C3 passive	ERG	0.047172541	SAT157	6.9 inHg	1042933-02
C3	04/22/21			AA		NNW	345	2	C3 passive	ERG		19650	VOID	1050321-01
C3	04/28/21		0.108			SSW	205	0.4	C3 passive	ERG	0.047172541	110306	4.9 inHg	1050523-02

C3	05/04/21		0.108			W	265	1.2	C3 passive	ERG	0.047172541	110257	4.7 inHg	1051942-02
C3	05/10/21		0.188			WNW	290	1.3	C3 passive	ERG	0.047172541	33534	4.2 inHg	1051942-06
C3	05/16/21		0.810			SW	225	0.4	C3 passive	ERG	0.047172541	A21000	4.2 inHg	1060323-03
C3	05/22/21		1.952		LK	ENE	70	0.5	C3 passive	ERG	0.047172541	SAT088	3.0 inHg	1060323-04
C3	05/28/21		0.138		LK	WSW	245	1.1	C3 passive	ERG	0.047172541	33266	5.1 inHg	1060415-02
C4	10/03/19		1.880			WNW	300	0.6	C4 passive	ERG	0.045184426	18869	5.1 inHg	9100922-04
C4	10/06/19		1.650		LK	E	85	2.3	C4 passive	ERG	0.045184426	N4088	4.8 inHg	9100922-08
C4	10/12/19		0.000		U, ND	WNW	290	1	C4 passive	ERG	0.045184426	SAT016	2.9 inHg	9101803-03
C4	10/18/19		0.761			E	85	1.3	C4 passive	ERG	0.045184426	SAT106	3.5 inHg	9102507-03
C4	10/24/19		2.187			ENE	90	1.6	C4 passive	ERG	0.045184426	A21036	4.1 inHg	9103069-05
C4	10/27/19		0.190			WNW	290	2	C4 passive	ERG	0.045184426	A21077	5.1 inHg	9103069-06
C4	10/30/19		0.331			SE	130	1.2	C4 passive	ERG	0.045184426	18833	4.9 inHg	9110118-04
C4	10/30/19	QA	0.174		2	SE	130	1.2	C4 passive QA	ERG	0.045184426	18865	7.0 inHg	9110118-05
C4	11/01/19		0.061			NW	320	1.9	C4 passive	ERG	0.045184426	19642	2.0 inHg	9110553-04
C4	11/03/19		0.176			NW	320	0.6	C4 passive	ERG	0.045184426	A21101	2.6 inHg	9110635-03
C4	11/05/19		0.184			NNE	30	0.6	C4 passive	ERG	0.045184426	SAT074	3.0 inHg	9110810-03
C4	11/08/19		0.165			NNW	330	1.9	C4 passive	ERG	0.045184426	SAT138	3.9 inHg	9111412-04
C4	11/20/19		0.998			NNW	315	1	C4 passive	ERG	0.045184426	SAT091	3.4 inHg	9112711-05
C4	11/23/19		0.481		2	W	285	1.5	C4 passive	ERG	0.045184426	19649	12.2 inHg	9112711-06
C4	11/29/19			AN					C4 passive	ERG		5079	VOID	9120610-03-REVIEW
C4	11/29/19			AN		ENE	75	0.1	C4 passive	ERG		5079	29.3 inHg	9120610-03
C4	01/10/20		0.656			E	80	2.4	C4 passive	ERG	0.045184426	SAT011	2.1 inHg	0011423-06
C4	01/14/20			AF		NW	320	0.3	C4 passive	ERG		18822	25.1 inHg	0011705-03
C4	01/16/20			AF		NW	320	2.8	C4 passive	ERG		18832	VOID	0012927-03
C4	01/22/20		0.781		2	ENE	75	1.7	C4 passive	ERG	0.045184426	19656	6.8 inHg	0012927-07
C4	01/25/20			AA		WNW	290	2.6	C4 passive	ERG	0.045184426	18879	6.9 inHg	0013117-02
C4	01/28/20		0.546		2	NW	315	1.3	C4 passive	ERG	0.045184426	SAT081	7.8 inHg	0020524-03
C4	01/30/20		0.613		2	ENE	75	1.5	C4 passive	ERG	0.045184426	A21102	8.4 inHg	0020524-06
C4	02/03/20		0.173		2	WSW	245	0.6	C4 passive	ERG	0.045184426	33535	8.2 inHg	0021311-03
C4	02/09/20		0.965		2	E	80	1.3	C4 passive	ERG	0.045184426	SAT140	6.2 inHg	0021921-03
C4	02/15/20	QA	0.824			E	92	0.4	C4 passive QA	ERG	0.045184426	SAT036	2.0 inHg	0022108-01
C4	02/27/20		0.164		2, LK	NW	315	3.8	C4 passive	ERG	0.045184426	A21036	7.8 inHg	0030604-03
C4	03/04/20		0.645		LK, 2	NE	45	0.1	C4 passive	ERG	0.051510246	5006	9.6 inHg	0031012-03
C4	03/10/20		0.385		LK, 2	SW	240	1.4	C4 passive	ERG	0.051510246	SAT035	7.8 inHg	0031836-03
C4	03/16/20		1.045		2	ENE	85	6.1	C4 passive	ERG	0.051510246	A21103	7.8 inHg	0032321-03
C4	03/22/20		1.016		LK, 2	ENE	80	2.8	C4 passive	ERG	0.051510246	5114	8.1 inHg	0040115-03
C4	03/22/20	QA	0.790			ENE	80	2.8	C4 passive QA	ERG	0.051510246	A22330	1.2 inHg	0040115-04
C4	03/28/20		0.436		2	WSW	245	1.1	C4 passive	ERG	0.051510246	SAT155	9.8 inHg	0040814-05
C4	04/03/20		0.165		2	NW	310	0.6	C4 passive	ERG	0.051510246	19279	8.2 inHg	0041001-03
C4	04/09/20		0.560		2	WNW	290	3.3	C4 passive	ERG	0.051510246	SAT114	9.5 inHg	0041707-03
C4	04/09/20	QA	0.333			WNW	290	3.3	C4 passive QA	ERG	0.051510246	SAT144	3.6 inHg	0041707-04
C4	04/15/20		0.289		2	NW	315	2.9	C4 passive	ERG	0.051510246	SAT089	7.8 inHg	0042218-03
C4	04/21/20		0.676		2	WNW	285	2.2	C4 passive	ERG	0.051510246	A21067	8.1 inHg	0050114-03
C4	04/21/20	QA	0.439		2	WNW	285	2.2	C4 passive QA	ERG	0.051510246	49	1.6 inHg	0050114-04
C4	04/27/20		0.093		6, 2	NW	310	2.2	C4 passive	ERG	0.051510246	19648	8.2 inHg	0050615-03
C4	05/03/20			AA		W	270	1.2	C4 passive	ERG	0.051510246	19663	9.7 inHg	0051324-03
C4	05/09/20			AA		NW	310	2.1	C4 passive	ERG	0.051510246	A21069	VOID	0051504-02
C4	05/15/20			AA		SSE	148	0.3	C4 passive	ERG	0.051510246	18828	8.7 inHg	0052848-02
C4	05/21/20			AN		NE	58	0.5	C4 passive	ERG		SAT009	19.8 inHg	0052918-05
C4	05/27/20		0.258		2	E	80	2.6	C4 passive	ERG	0.051510246	19340	8.9 inHg	0060508-03
C4	06/02/20		0.891		2	SW	238	0.2	C4 passive	ERG	0.051510246	SAT127	8.8 inHg	0061042-03

C4	06/08/20		0.197		2	ESE	120	1.1	C4 passive	ERG	0.051510246	18872	9.2 inHg	0061731-03
C4	06/08/20	QA	0.349		2	ESE	120	1.1	C4 passive QA	ERG	0.051510246	SAT171	7.9 inHg	0061731-04
C4	06/14/20		0.866		2	ENE	70	1.2	C4 passive	ERG	0.051510246	SAT012	9.0 inHg	0061908-03
C4	06/20/20		0.727		2	NNW	330	0.8	C4 passive	ERG	0.051510246	35131	9.0 inHg	0070602-03
C4	06/26/20		0.354		LK, 2	WNW	285	2.2	C4 passive	ERG	0.051510246	5094	9.9 inHg	0070840-03
C4	07/02/20		0.240		2	NNW	335	1.2	C4 passive	ERG	0.051510246	18833	9.5 inHg	0070928-03
C4	07/08/20		1.435		2	NE	45	0.6	C4 passive	ERG	0.051510246	SAT170	9.1 inHg	0071703-02
C4	07/08/20	QA	0.146		2	NE	45	0.6	C4 passive QA	ERG	0.051510246	19645	7.0 inHg	0071703-05
C4	07/14/20		0.211		2	NW	320	0.2	C4 passive	ERG	0.051510246	19646	8.9 inHg	0072412-03
C4	07/26/20		1.515			W	268	0.05	C4 passive	ERG	0.051510246	A21086	2.0 inHg	0080534-03
C4	08/01/20		0.987		LK	SW	214	0.5	C4 passive	ERG	0.051510246	5009	5.4 inHg	0081410-03
C4	08/07/20		0.636			ENE	60	0.1	C4 passive	ERG	0.051510246	SAT004	3.9 inHg	0081410-06
C4	08/07/20	QA	0.293			ENE	60	0.1	C4 passive QA	ERG	0.051510246	19641	3.1 inHg	0081325-02
C4	08/13/20		0.165			S	190	0.1	C4 passive	ERG	0.051510246	33236	4.0 inHg	0082118-01
C4	08/19/20			AN		ESE	108	0.2	C4 passive	ERG		SAT181	29.7 inHg	0082742-01
C4	08/25/20		0.551		LK	ENE	67	0.3	C4 passive	ERG	0.051510246	5045	4.1 inHg	0090239-01
C4	08/31/20		0.511			W	278	0.1	C4 passive	ERG	0.051510246	A22328	3.9 inHg	0090413-03
C4	09/12/20		0.987		LK, D-F	E	85	1.8	C4 passive	ERG	0.051510246	5079	5.9 inHg	0092335-03
C4	09/12/20	QA	2.693		D-F, LK	E	85	1.8	C4 passive QA	ERG	0.051510246	SAT150	2.6 inHg	0092335-05
C4	09/18/20		0.264			NNW	30	0.8	C4 passive	ERG	0.051510246	A21039	3.9 inHg	0093025-03
C4	09/24/20		0.201			E	90	1.6	C4 passive	ERG	0.051510246	A21074	3.2 inHg	0093025-07
C4	09/30/20		0.140			WNW	300	1	C4 passive	ERG	0.051510246	2527	2.9 inHg	0100833-03
C4	10/06/20		0.761		LK	E	85	0.6	C4 passive	ERG	0.051510246	5065	3.9 inHg	0101528-03
C4	10/12/20		0.183			WNW	285	0.6	C4 passive	ERG	0.051510246	19648	3.0 inHg	0101605-01
C4	10/18/20		0.280			ENE	75	2.3	C4 passive	ERG	0.051510246	114322	2.0 inHg	0102916-03
C4	10/24/20		0.658			SSE	165	0.2	C4 passive	ERG	0.051510246	19298	3.5 inHg	0103006-03
C4	10/24/20	QA	0.952			SSE	165	0.2	C4 passive QA	ERG	0.051510246	114386	5.8 inHg	0103006-04
C4	10/30/20		0.195			NW	310	4.1	C4 passive	ERG	0.051510246	A21080	1.6 inHg	0111125-03
C4	11/05/20		0.826		LK	ENE	65	1	C4 passive	ERG	0.051510246	SAT088	1.9 inHg	0111824-03
C4	11/11/20		0.289			E	80	0.2	C4 passive	ERG	0.051510246	18864	3.2 inHg	0111824-07
C4	11/17/20	QA	0.150			NW	315	3.4	C4 passive QA	ERG	0.051510246	35156	3.8 inHg	0112513-05
C4	11/23/20		0.199		LK	NW	315	2.3	C4 passive	ERG	0.051510246	5085	2.6 inHg	0120411-03
C4	11/29/20		0.452		LK	E	84	0.7	C4 passive	ERG	0.051510246	5136	3.9 inHg	0121016-03
C4	12/11/20			AN		ESE	115	0.2	C4 passive	ERG		19295	19.5 inHg	0122326-03
C4	12/17/20	QA	0.090			WNW	295	3.5	C4 passive QA	ERG	0.051510246	111217	2.9 inHg	0123026-04
C4	12/23/20			AA		E	92	1.7	C4 passive	ERG	0.051510246	110335	VOID	1010626-03
C4	12/29/20			AF		ENE	75	0.8	C4 passive	ERG		110342	29.2 inHg	1011326-04
C4	01/04/21		0.076			WNW	295	1.2	C4 passive	ERG	0.051510246	33232	3.8 inHg	1011326-08
C4	01/10/21		0.052			ENE	70	0.5	C4 passive	ERG	0.051510246	18882	4.2 inHg	1012127-04
C4	01/10/21			BI		ENE	70	0.5	C4 passive	ERG		SAT181	VOID	1012127-03
C4	01/16/21		0.277			WNW	285	2.3	C4 passive	ERG	0.051510246	SAT177	3.0 inHg	1012726-02
C4	01/22/21		0.625			WNW	300	0.7	C4 passive	ERG	0.051510246	SAT012	3.1 inHg	1012903-03
C4	01/28/21			AA		NW	315	5.6	C4 passive	ERG	0.051510246	5110	VOID	1020519-03
C4	02/03/21			AA		NW	310	3.6	C4 passive	ERG	0.047172541	111219	VOID	1021208-04
C4	02/09/21		0.138			ENE	65	0.6	C4 passive	ERG	0.047172541	110306	6.0 inHg	1021908-03
C4	02/15/21		0.580		D-F, LK	E	85	2.4	C4 passive	ERG	0.047172541	SAT073	5.1 inHg	1022211-03
C4	02/15/21	QA	0.327		D-F, LK	E	85	2.4	C4 passive QA	ERG	0.047172541	A21086	1.9 inHg	1022211-04
C4	02/21/21		0.399			ESE	105	2.1	C4 passive	ERG	0.047172541	A21078	4.5 inHg	1030510-03
C4	02/27/21		0.206			ENE	70	1	C4 passive	ERG	0.047172541	18831	4.1 inHg	1031121-03
C4	03/05/21			AF		NNW	340	1.5	C4 passive	ERG	0.0472		Did not Collect	No sample ID possible
C4	03/11/21		0.727		LK	S	185	0.6	C4 passive	ERG	0.047172541	SAT127	4.7 inHg	1031639-03

C4	03/17/21		0.195			E	85	1.5	C4 passive	ERG	0.047172541	114386	5.9 inHg	1032432-03
C4	03/23/21		0.347			E	80	2.3	C4 passive	ERG	0.047172541	A21013	5.1 inHg	1040729-02
C4	03/23/21	QA	0.235		2	E	80	2.3	C4 passive QA	ERG	0.047172541	110257	7.1 inHg	1040824-02
C4	03/29/21		0.142			N	0	1.6	C4 passive	ERG	0.047172541	19283	4.8 inHg	1041343-02
C4	04/04/21		0.322		LK	WNW	285	0.8	C4 passive	ERG	0.047172541	SAT174	4.0 inHg	1042215-03
C4	04/10/21		0.248		2	SSE	160	1.1	C4 passive	ERG	0.047172541	110305	6.2 inHg	1042215-07
C4	04/16/21		0.090			NE	45	0.7	C4 passive	ERG	0.047172541	110252	4.9 inHg	1042933-03
C4	04/22/21		0.147			NNW	345	2	C4 passive	ERG	0.047172541	A21022	3.3 inHg	1043022-02
C4	04/22/21	QA	0.376			NNW	345	2	C4 passive QA	ERG	0.047172541	2767	3.2inhg	1050321-02
C4	04/28/21		0.282			SSW	205	0.4	C4 passive	ERG	0.047172541	33516	4.5 inHg	1050523-03
C4	05/04/21		0.611			W	265	1.2	C4 passive	ERG	0.047172541	49	5.2 inHg	1051942-03
C4	05/10/21		0.100		2	WNW	290	1.3	C4 passive	ERG	0.047172541	33532	1.00 inHg	1051942-07
C4	05/16/21		0.286		2	SW	225	0.4	C4 passive	ERG	0.047172541	19300	6.7 inHg	1060323-05
C4	05/22/21		2.133		LK	ENE	70	0.5	C4 passive	ERG	0.047172541	A21091	6.0 inHg	1060323-06
C4	05/28/21		0.173		2	WSW	245	1.1	C4 passive	ERG	0.047172541	33314	6.1 inHg	1060415-03
C4	05/28/21	QA	0.090		2	WSW	245	1.1	C4 passive QA	ERG	0.047172541	19291	7.7 inHg	1060746-01
C5	10/30/19		0.361		LK, 2	SE	130	1.2	C5 passive	ERG	0.045184426	A21082	2.0 inHg	9110118-06
C5	11/03/19		0.222			NW	320	0.6	C5 passive	ERG	0.045184426	A21045	1.1 inHg	9110635-04
C5	11/05/19		0.093			NNE	30	0.6	C5 passive	ERG	0.045184426	18822	1.9 inHg	9110810-04
C5	11/08/19		0.224			NNW	330	1.9	C5 passive	ERG	0.045184426	19643	2.2 inHg	9111412-05
C5	11/13/19		0.183			E	90	2	C5 passive	ERG	0.045184426	19276	0.5 inHg	9111509-03
C5	11/15/19			AF		NE	50	1.3	C5 passive	ERG		5072	VOID	9112026-05
C5	11/20/19		0.813			NNW	315	1	C5 passive	ERG	0.045184426	19652	0.1 inHg	9112711-07
C5	11/20/19	QA	0.757			NNW	315	1	C5 passive QA	ERG	0.045184426	18875	3.9 inHg	9112711-09
C5	11/23/19		0.121		2	W	285	1.5	C5 passive	ERG	0.045184426	19666	6.6 inHg	9112711-08
C5	11/29/19		0.139		LK, 2	ENE	75	0.1	C5 passive	ERG	0.045184426	18832	6.2 inHg	9120610-04
C5	12/05/19		0.611			NW	315	0.9	C5 passive	ERG	0.045184426	2527	4.0 inHg	9121207-07
C5	12/08/19		0.108		LK	E	90	3.3	C5 passive	ERG	0.045184426	19298	6.0 inHg	9121207-08
C5	12/14/19		0.136		LK	WNW	290	2.3	C5 passive	ERG	0.045184426	A21101	5.1 inHg	9121841-09
C5	12/17/19		0.345		LK, 2	WNW	300	3.4	C5 passive	ERG	0.045184426	5114	7.1 inHg	9122019-04
C5	12/23/19			AN		ENE	70	5.1	C5 passive	ERG		5126	VOID	0010322-08
C5	12/31/19		0.138		LK	W	275	2.9	C5 passive	ERG	0.045184426	5062	1.0 inHg	0010717-04
C5	01/04/20			AN		WNW	290	4.3	C5 passive	ERG		SAT155	18.3 inHg	0010907-04
C5	01/10/20		0.257		LK	E	80	2.4	C5 passive	ERG	0.045184426	SAT118	1.6 inHg	0011423-07
C5	01/14/20			AF		NW	320	0.3	C5 passive	ERG		SAT060	25.0 inHg	0011705-04
C5	01/16/20			AF		NW	320	2.8	C5 passive	ERG		5089	VOID	0012927-04
C5	01/19/20		0.557		LK	NW	310	4.9	C5 passive	ERG	0.045184426	5059	1.2 inHg	0012317-04
C5	01/28/20		0.766			NW	315	1.3	C5 passive	ERG	0.045184426	SAT097	4.3 inHg	0020524-04
C5	01/30/20		0.361		LK	ENE	75	1.5	C5 passive	ERG	0.045184426	5117	5.2 inHg	0020524-07
C5	02/03/20		0.327			WSW	245	0.6	C5 passive	ERG	0.045184426	SAT120	5.2 inHg	0021311-04
C5	03/04/20		0.318		LK	NE	45	0.1	C5 passive	ERG	0.051510246	A21044	4.2 inHg	0031012-04
C5	03/10/20		0.633		LK	SW	240	1.4	C5 passive	ERG	0.051510246	AZ40	3.0 inHg	0031836-04
C5	03/22/20		0.347			ENE	80	2.8	C5 passive	ERG	0.051510246	18880	2.2 inHg	0040115-05
C5	03/28/20		0.376			WSW	245	1.1	C5 passive	ERG	0.051510246	A21081	5.1 inHg	0040814-01
C5	04/03/20		0.394			NW	310	0.6	C5 passive	ERG	0.051510246	19657	3.7 inHg	0041001-04
C5	04/09/20		0.568		2	WNW	290	3.3	C5 passive	ERG	0.051510246	SAT061	4.8 inHg	0041707-05
C5	04/15/20		0.342			NW	315	2.9	C5 passive	ERG	0.051510246	19662	3.1 inHg	0042218-04
C5	04/21/20		0.705		LK, 2	WNW	285	2.2	C5 passive	ERG	0.051510246	SAT164	3.2 inHg	0050114-05
C5	04/27/20		0.345		2	NW	310	2.2	C5 passive	ERG	0.051510246	A21005	4.7 inHg	0050615-04
C5	05/03/20		0.361			W	270	1.2	C5 passive	ERG	0.051510246	SAT117	4.8 inHg	0051324-04
C5	05/09/20		0.824			NW	310	2.1	C5 passive	ERG	0.051510246	SAT185	3.2 inHg	0051504-03
C5	05/15/20		0.300			SSE	148	0.3	C5 passive	ERG	0.051510246	53	3.9 inHg	0052848-03

C5	05/21/20		0.699			NE	85	0.5	C5 passive	ERG	0.051510246	SAT169	2.9 inHg	0052918-06
C5	05/27/20		0.539			E	80	2.6	C5 passive	ERG	0.051510246	SAT057	4.1 inHg	0060508-04
C5	06/02/20		0.571		LK	SW	238	0.2	C5 passive	ERG	0.051510246	5042	5.1 inHg	0061042-04
C5	06/08/20		0.137			ESE	120	1.1	C5 passive	ERG	0.051510246	33275	4.8 inHg	0061731-05
C5	06/14/20		0.622			ENE	70	1.2	C5 passive	ERG	0.051510246	SAT092	4.5 inHg	0061908-04
C5	06/20/20		0.506			NNW	330	0.8	C5 passive	ERG	0.051510246	19654	4.7 inHg	0070602-04
C5	06/26/20		1.231		LK	WNW	285	2.2	C5 passive	ERG	0.051510246	5048	5.2 inHg	0070840-04
C5	07/02/20		0.647			NNW	335	1.2	C5 passive	ERG	0.051510246	SAT033	5.2 inHg	0070928-04
C5	07/08/20		1.131		LK	NE	45	0.6	C5 passive	ERG	0.051510246	5130	5.1 inHg	0071703-04
C5	07/14/20		0.539			NW	320	0.2	C5 passive	ERG	0.051510246	SAT087	4.8 inHg	0072412-04
C5	07/26/20		0.642			W	268	0.05	C5 passive	ERG	0.051510246	A21022	2.9 inHg	0080618-01
C5	08/01/20		1.211			SW	214	0.5	C5 passive	ERG	0.051510246	SAT038	2.9 inHg	0081410-04
C5	08/07/20		1.177			ENE	60	0.1	C5 passive	ERG	0.051510246	SAT042	2.1 inHg	0081410-07
C5	08/13/20			AF		S	190	0.1	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/19/20			AF		ESE	108	0.2	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/25/20			AF		ENE	67	0.3	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/31/20		0.192			W	278	0.1	C5 passive	ERG	0.051510246	18837	2.1 inHg	0090413-04
C5	09/06/20		0.257			ENE	64	0.2	C5 passive	ERG	0.051510246	A21103	2.4 inHg	0092126-01
C5	09/12/20		0.591		LK	E	85	1.8	C5 passive	ERG	0.051510246	5050	4.9 inHg	0092335-04
C5	09/18/20		1.182			NNW	30	0.8	C5 passive	ERG	0.051510246	SAT002	2.9 inHg	0093025-04
C5	09/24/20		0.452			E	90	1.6	C5 passive	ERG	0.051510246	SAT003	1.9 inHg	0093025-08
C5	09/30/20		0.403		LK	WNW	300	1	C5 passive	ERG	0.051510246	AZ50	1.5 inHg	0100833-04
C5	10/06/20		0.277		LK	E	85	0.6	C5 passive	ERG	0.051510246	5044	3.1 inHg	0101528-04
C5	10/12/20			AF		WNW	285	0.6	C5 passive	ERG			Did not Collect	No sample ID possible
C5	10/24/20		0.333			SSE	165	0.2	C5 passive	ERG	0.051510246	110306	2.9 inHg	0111210-01
C5	10/30/20		0.387		LK	NW	310	4.1	C5 passive	ERG	0.051510246	SAT159	1.1 inHg	0111125-04
C5	11/05/20		0.484		LK	ENE	65	1	C5 passive	ERG	0.051510246	AZ52	1.5 inHg	0111824-04
C5	11/11/20		0.672			E	80	0.2	C5 passive	ERG	0.051510246	SAT005	2.2 inHg	0111824-08
C5	11/17/20		0.097			NW	315	3.4	C5 passive	ERG	0.051510246	19663	1.0 inHg	0112513-04
C5	11/23/20		0.202			NW	315	2.3	C5 passive	ERG	0.051510246	SAT179	1.3 inHg	0120411-04
C5	11/29/20		0.430		LK	E	84	0.7	C5 passive	ERG	0.051510246	5064	2.9 inHg	0121016-04
C5	12/05/20		0.065			WNW	290	3.1	C5 passive	ERG	0.051510246	19667	1.5 inHg	0121104-04
C5	12/11/20		0.178			ESE	115	0.2	C5 passive	ERG	0.051510246	A21011	2.8 inHg	0122326-04
C5	12/29/20		0.246		2	ENE	75	0.8	C5 passive	ERG	0.051510246	110306	6.4 inHg	1011326-05
C5	01/16/21		0.038		VB	WNW	285	2.3	C5 passive	ERG	0.051510246	33266	1.2 inHg	1012726-04
C5	01/22/21		0.412			WNW	300	0.7	C5 passive	ERG	0.051510246	SAT003	1.1 inHg	1012903-04
C5	01/28/21		0.298		LK	NW	315	5.6	C5 passive	ERG	0.051510246	5125	1.9 inHg	1020519-04
C5	02/03/21		0.076			NW	310	3.6	C5 passive	ERG	0.047172541	114366	1.0 inHg	1021208-05
C5	02/09/21		0.267			ENE	65	0.6	C5 passive	ERG	0.047172541	110257	3.2 inHg	1021908-04
C5	02/15/21		0.000		ND, U	E	85	2.4	C5 passive	ERG	0.047172541	19293	2.3 inHg	1022211-05
C5	02/21/21		0.058			ESE	105	2.1	C5 passive	ERG	0.047172541	19657	2.0 inHg	1030510-04
C5	02/21/21	QA	0.181			ESE	105	2.1	C5 passive QA	ERG	0.047172541	SAT118	1.2 inHg	1030510-05
C5	02/27/21		0.000		ND, U	ENE	70	1	C5 passive	ERG	0.047172541	19284	1.2 inHg	1031029-01
C5	03/05/21			AF		NNW	340	1.5	C5 passive	ERG	0.0472		Did not Collect	No sample ID possible
C5	03/11/21		0.122			S	185	0.6	C5 passive	ERG	0.047172541	A21039	1.7 inHg	1031639-04
C5	03/17/21		0.081			E	85	1.5	C5 passive	ERG	0.047172541	111217	2.9 inHg	1032432-04
C5	03/23/21		0.412		LK	E	80	2.3	C5 passive	ERG	0.047172541	SAT018	2.0 inHg	1040824-03

C5	03/29/21		AA		N	0	1.6	C5 passive	ERG	0.0472	A21025	VOID	1041343-04
C5	04/22/21	0.098		2	NNW	345	2	C5 passive	ERG	0.047172541	18830	6.9 inHg	1050321-03
C5	05/04/21	0.488			W	265	1.2	C5 passive	ERG	0.047172541	A21099	4.0 inHg	1051942-04
C5	05/10/21	0.177			WNW	290	1.3	C5 passive	ERG	0.047172541	A21025	3.8 inHg	1051942-08
C5	05/16/21	0.124			SW	225	0.4	C5 passive	ERG	0.047172541	19287	3.9 inHg	1060323-07
C5	05/22/21	0.833			ENE	70	0.5	C5 passive	ERG	0.047172541	A21095	2.9 inHg	1060323-08
C5	05/28/21	1.390			WSW	245	1.1	C5 passive	ERG	0.047172541	18828	4.0 inHg	1060415-04
C7	10/30/19	0.161			SE	130	1.2	C7 passive	ERG	0.045184426	18834	5.0 inHg	9110118-07
C7	11/01/19	0.060			NW	320	1.9	C7 passive	ERG	0.045184426	18879	1.5 inHg	9110553-06
C7	11/03/19	0.351		LK	NW	320	0.6	C7 passive	ERG	0.045184426	5086	3.0 inHg	9110635-05
C7	11/05/19	0.201			NNE	30	0.6	C7 passive	ERG	0.045184426	SAT071	3.1 inHg	9110810-05
C7	11/08/19	0.217			NNW	330	1.9	C7 passive	ERG	0.045184426	SAT106	3.2 inHg	9111412-06
C7	11/13/19		AF		E	90	2	C7 passive				Did not Collect	No sample ID possible
C7	11/15/19	0.123			NE	50	1.3	C7 passive	ERG	0.045184426	18821	2.0 inHg	9112026-06
C7	02/27/20	0.280		LK	NW	315	3.8	C7 passive	ERG	0.045184426	5146	1.6 inHg	0030604-05
C7	03/28/20	0.602		2	WSW	245	1.1	C7 passive	ERG	0.051510246	SAT185	4.2 inHg	0040814-04
C7	04/27/20	0.871		2	NW	310	2.2	C7 passive	ERG	0.051510246	SAT157	2.0 inHg	0050615-05
C7	05/27/20	0.367			E	80	2.6	C7 passive	ERG	0.051510246	SAT100	2.5 inHg	0060508-05
C7	06/20/20	1.674		2	NNW	330	0.8	C7 passive	ERG	0.051510246	SAT165	6.8 inHg	0070602-05
C7	08/19/20		AF		ESE	108	0.2	C7 passive				Did not Collect	No sample ID possible
C7	09/24/20	0.410		LK	E	90	1.6	C7 passive	ERG	0.051510246	5051	1.0 inHg	0093025-09
C7	10/30/20	0.586		LK	NW	310	4.1	C7 passive	ERG	0.051510246	5081	5.1 inHg	0111125-05
C7	11/23/20		AN		NW	315	2.3	C7 passive	ERG		AZ50	VOID	0120411-05
C7	12/23/20	0.092			E	92	1.7	C7 passive	ERG	0.051510246	114336	3.8 inHg	1010525-01
C7	01/28/21	1.372			NW	315	5.6	C7 passive	ERG	0.051510246	SAT166	2.0 inHg	1020519-05
C7	02/27/21	0.080		2	ENE	70	1	C7 passive	ERG	0.047172541	33533	0.5 inHg	1031121-04
C7	04/28/21	0.707			SSW	205	0.4	C7 passive	ERG	0.047172541	SAT043	6 inHg	1050523-05
C7	05/22/21	0.925		LK, 2	ENE	70	0.5	C7 passive	ERG	0.047172541	A21067	6.8 inHg	1060323-09
F1	01/16/20	0.174			NW	321	4.2	F1 passive	ERG	0.045184426	18884	4.3 inHg	0012318-01
F1	01/22/20	0.295		LK	ENE	65	1.6	F1 passive	ERG	0.045184426	5126	2.8 inHg	0013007-01
F1	01/28/20	0.817		LK	NNW	327	1.5	F1 passive	ERG	0.045184426	5125	4.2 inHg	0020526-01
F1	02/03/20	0.345			SSW	202	1.8	F1 passive	ERG	0.045184426	SAT087	3.1 inHg	0021215-01
F1	02/09/20	0.439		LK, 2	ESE	109	2.4	F1 passive	ERG	0.045184426	SAT021	10.8 inHg	0021824-01
F1	02/15/20	0.392			E	99	2.1	F1 passive	ERG	0.045184426	A21083	2.0 inHg	0022613-01
F1	02/21/20	0.636			NNW	343	2.2	F1 passive	ERG	0.045184426	A21022	3.2 inHg	0030234-01
F1	02/27/20		AL		NW	312	4	F1 passive	ERG		18828	19.2 inHg	0030606-01
F1	03/04/20	0.862			SW	272	1.2	F1 passive	ERG	0.051510246	SAT163	4.6 inHg	0031135-01
F1	03/10/20		AL		SW	218	1.9	F1 passive	ERG		18875	VOID	0031834-01
F1	03/16/20	0.369		2	E	83	3	F1 passive	ERG	0.051510246	19289	12.0 inHg	0032319-01
F1	03/22/20	0.311			ENE	78	2.7	F1 passive	ERG	0.051510246	18829	1.8 inHg	0040113-01
F1	03/28/20		AN		SW	220	2.7	F1 passive	ERG		SAT023	17.5 inHg	0040816-01
F1	04/03/20	1.625		LK, 2	WNW	284	1.3	F1 passive	ERG	0.051510246	5048	6.9 inHg	0041002-01
F1	04/09/20	0.904		2	WNW	295	4.5	F1 passive	ERG	0.051510246	18837	7.1 inHg	0041619-01
F1	04/15/20	0.589		LK, 2	NNW	322	3.8	F1 passive	ERG	0.051510246	5072	6.4 inHg	0042219-01
F1	04/21/20	0.638		2	WNW	291	3	F1 passive	ERG	0.051510246	19668	6.1 inHg	0050112-01
F1	04/27/20	1.504		2	NW	324	2.8	F1 passive	ERG	0.051510246	SAT043	5.8 inHg	0050616-01
F1	05/09/20	1.298		LK	NNW	335	3.2	F1 passive	ERG	0.051510246	AZ41	5.1 inHg	0051508-02
F1	05/15/20	0.568		LK, 2	SSE	155	2.6	F1 passive	ERG	0.051510246	5110	7.9 inHg	0052847-01
F1	05/21/20	1.104		2	ENE	70	1.4	F1 passive	ERG	0.051510246	SAT017	6.2 inHg	0052919-02
F1	05/27/20	0.616		2	ENE	70	3.2	F1 passive	ERG	0.051510246	35126	6.1 inHg	0060507-01

F1	06/02/20		0.403		LK, 2	SSW	210	1.1	F1 passive	ERG	0.051510246	5117	7.5 inHg	0061732-01
F1	06/08/20		1.139		2	ESE	120	2.7	F1 passive	ERG	0.051510246	SAT037	6.9 inHg	0061732-03
F1	06/14/20		0.286		2	E	85	1.6	F1 passive	ERG	0.051510246	18879	6.2 inHg	0062525-01
F1	06/20/20		0.484		2	NNW	339	1.1	F1 passive	ERG	0.051510246	18827	7.2 inHg	0062612-01
F1	06/26/20		1.175		2	W	269	2.5	F1 passive	ERG	0.051510246	SAT039	6.6 inHg	0070603-01
F1	07/02/20		1.189		2, LK	NW	316	1.5	F1 passive	ERG	0.051510246	35110	6.9 inHg	0070930-01
F1	07/08/20		0.389		2	NNW	333	0.9	F1 passive	ERG	0.051510246	A21080	6.8 inHg	0071533-01
F1	07/14/20		1.430		LK, 2	WNW	293	0.6	F1 passive	ERG	0.051510246	AZ45	6.9 inHg	0072414-01
F1	07/20/20		0.719			NW	318	0.9	F1 passive	ERG	0.051510246	18829	2.1 inHg	0072931-01
F1	07/26/20		1.567		LK	WSW	239	1.1	F1 passive	ERG	0.051510246	5086	2.7 inHg	0080536-01
F1	08/01/20		0.784			SW	232	2.5	F1 passive	ERG	0.051510246	SAT057	1.6 inHg	0080617-01
F1	08/07/20		2.169		LK	NNW	339	1.4	F1 passive	ERG	0.051510246	SAT123	1.0 inHg	0081933-01
F1	08/13/20		1.598			W	271	1.1	F1 passive	ERG	0.051510246	SAT068	5.8 inHg	0082115-01
F1	08/19/20			AO		NE	54	1.4	F1 passive	ERG		5020	VOID	0082739-01
F1	09/12/20		0.113			E	90	2.3	F1 passive	ERG	0.051510246	19278	1.6 inHg	0092333-04
F1	09/18/20		0.654		LK	NNW	341	1.3	F1 passive	ERG	0.051510246	5132	1.2 inHg	0092838-01
F1	09/24/20		0.399			E	100	2.5	F1 passive	ERG	0.051510246	2240	1.9 inHg	0100212-01
F1	11/11/20		0.408			SSE	167	0.9	F1 passive	ERG	0.051510246	18872	1.9 inHg	0112511-01
F1	11/29/20		0.385		LK	E	83	1.8	F1 passive	ERG	0.051510246	5009	2.9 inHg	0120412-02
F1	12/23/20		0.136			SE	125	1.8	F1 passive	ERG	0.051510246	11211	1.2 inHg	1010625-01
F1	12/29/20		0.202			E	94	1.1	F1 passive	ERG	0.051510246	110252	1.1 inHg	1010524-01
F1	01/04/21		0.092			NW	318	1.4	F1 passive	ERG	0.051510246	33531	1.1 inHg	1011516-01
F1	02/09/21		0.147			NE	41	1	F1 passive	ERG	0.047172541	SAT179	1 inHg	1021837-01
F1	02/15/21		0.000		ND, U	E	83	2.8	F1 passive	ERG	0.047172541	114329	4.5 inHg	1030327-01
F1	02/21/21		0.219		2	SE	136	2.6	F1 passive	ERG	0.047172541	A21073	0.5 inHg	1031122-01
F1	03/05/21			AF		NW	325	2.2	F1 passive				Did not Collect	No sample ID possible
F1	03/11/21		0.129			WNW	302	1.1	F1 passive	ERG	0.047172541	19654	5.8 inHg	1031636-01
F1	03/17/21		0.173			E	79	2.5	F1 passive	ERG	0.047172541	110308	3.9 inHg	1032433-01
F1	03/23/21		0.427		LK	E	98	3	F1 passive	ERG	0.047172541	A21076	4.5 inHg	1040823-01
F1	03/29/21		0.144			NE	41	1.5	F1 passive	ERG	0.047172541	A21021	5.2 inHg	1041410-01
F1	04/04/21		0.222			NW	321	0.7	F1 passive	ERG	0.047172541	33535	1.2 inHg	1042216-01
F1	04/10/21		0.120			S	175	2.9	F1 passive	ERG	0.047172541	19287	5.1 inHg	1042216-03
F1	04/16/21		0.068			N	4	0.9	F1 passive	ERG	0.047172541	18821	4.7 inHg	1042934-01
F1	04/22/21			BI		NW	321	1.3	F1 passive	ERG		213	VOID	1050322-01
F1	04/28/21		0.519		2	SW	232	1.6	F1 passive	ERG	0.047172541	A21052	6.2 inHg	1051247-01
F1	05/04/21		0.180		2	SW	219	2.2	F1 passive	ERG	0.047172541	A21058	6.2 inHg	1051941-01
F1	05/10/21		0.455		2	W	268	2.2	F1 passive	ERG	0.047172541	18876	6.7 inHg	1051941-04
F1	05/16/21		0.571			SW	222	1.4	F1 passive	ERG	0.047172541	A21053	5.2 inHg	1060324-01
F1	05/22/21		0.394			NE	40	0.5	F1 passive	ERG	0.047172541	33240	5.3 inHg	1060324-02
F1	05/28/21		0.277		2	SW	219	2.8	F1 passive	ERG	0.047172541	110314	6.2 inHg	1060836-01
F2	01/28/20		2.874			NNW	327	4.2	F2 passive	ERG	0.045184426	SAT002	1.10 inHg	0020526-02
F2	02/03/20		0.560			SSW	202	1.8	F2 passive	ERG	0.045184426	19642	1.0 inHg	0021215-02
F2	02/15/20		1.128		LK	E	99	2.1	F2 passive	ERG	0.045184426	5086	1.5 inHg	0022613-02
F2	03/10/20		0.819		LK	SW	218	1.9	F2 passive	ERG	0.051510246	5132	1.0 inHg	0031834-02
F2	03/16/20		0.802		LK	E	83	3	F2 passive	ERG	0.051510246	5045	1.0 inHg	0032319-02
F2	03/28/20		0.687			SW	220	2.7	F2 passive	ERG	0.051510246	SAT123	2.9 inHg	0040816-02
F2	04/09/20		1.298		LK	WNW	295	4.5	F2 passive	ERG	0.051510246	AZ37	1.6 inHg	0041619-02
F2	04/27/20	QA	3.488		2	NW	324	2.8	F2 passive QA	ERG	0.051510246	SAT011	4.5 inHg	0050616-03
F2	05/03/20			AA		SW	230	2.5	F2 passive	ERG		5115	VOID	0051408-02
F2	05/09/20		2.295		LK, 2	NNW	335	3.2	F2 passive	ERG	0.051510246	5076	6.5 inHg	0051508-01
F2	05/15/20		0.446		LK, 2	SSE	155	2.6	F2 passive	ERG	0.051510246	5080	8.0 inHg	0052847-02

F2	05/21/20		0.580		LK, 2	ENE	70	1.4	F2 passive	ERG	0.051510246	504	7.0 inHg	0052919-03
F2	05/27/20		0.329		2	ENE	70	3.2	F2 passive	ERG	0.051510246	SAT020	6.2 inHg	0060507-02
F2	06/02/20		0.954		2	SSW	210	1.1	F2 passive	ERG	0.051510246	33327	7.0 inHg	0061732-02
F2	06/08/20		0.831		LK, 2	ESE	120	2.7	F2 passive	ERG	0.051510246	5050	7.8 inHg	0061732-04
F2	06/08/20	QA	0.810		2	ESE	120	2.7	F2 passive QA	ERG	0.051510246	SAT069	6.9 inHg	0061732-05
F2	06/14/20			BI		E	85	1.6	F2 passive	ERG		SAT181	6.2 inHg	0062525-02
F2	06/20/20		0.887		2	NNW	339	1.1	F2 passive	ERG	0.051510246	19284	7.0 inHg	0062612-02
F2	06/26/20		1.717		LK, 2	W	269	2.5	F2 passive	ERG	0.051510246	5090	7.5 inHg	0070603-02
F2	07/02/20		1.731		2	NW	316	1.5	F2 passive	ERG	0.051510246	18830	7.1 inHg	0070930-02
F2	07/08/20		0.369		2	NNW	333	0.9	F2 passive	ERG	0.051510246	A21053	6.5 inHg	0071533-02
F2	07/14/20		0.522		LK, 2	WNW	293	0.6	F2 passive	ERG	0.051510246	5055	7.4 inHg	0072414-02
F2	07/20/20		0.459			NW	318	0.9	F2 passive	ERG	0.051510246	33531	2.8 inHg	0072931-02
F2	07/26/20		0.860		LK	WSW	239	1.1	F2 passive	ERG	0.051510246	5054	3.4 inHg	0080536-02
F2	08/01/20		0.186			SW	232	2.5	F2 passive	ERG	0.051510246	33327	2.2 inHg	0080617-02
F2	08/13/20		0.504		D-F	W	271	1.1	F2 passive	ERG	0.051510246	33506	5.5 inHg	0082115-02
F2	08/13/20	QA	0.678		D-F	W	271	1.1	F2 passive QA	ERG	0.051510246	SAT178	5.3 inHg	0082115-03
F2	08/19/20		1.059			NE	54	1.4	F2 passive	ERG	0.051510246	19643	2.9 inHg	0082739-02
F2	08/25/20		0.349		LK	ENE	59	1.5	F2 passive	ERG	0.051510246	5035	2.1 inHg	0090238-02
F2	09/12/20		1.641		LK	E	90	2.3	F2 passive	ERG	0.051510246	AZ37	1.9 inHg	0092333-05
F2	09/18/20		3.615		LK, D-F	NNW	341	1.3	F2 passive	ERG	0.051510246	5135	1.7 inHg	0092510-01
F2	09/18/20	QA	2.313		D-F	NNW	341	1.3	F2 passive QA	ERG	0.051510246	35143	1.0 inHg	0092510-03
F2	09/24/20		0.230			E	100	2.5	F2 passive	ERG	0.051510246	19283	2.2 inHg	0100212-02
F2	10/24/20		2.386		2	N	0	0.6	F2 passive	ERG	0.051510246	110257	7.1 inHg	0110528-02
F2	10/24/20	QA	1.701		D-F	N	0	0.6	F2 passive QA	ERG	0.051510246	110322	4.9 inHg	0110528-04
F2	10/30/20			AA		NW	319	4	F2 passive	ERG		5013	VOID	0110924-02
F2	11/05/20			AL		NE	46	0.9	F2 passive	ERG		SAT008	VOID	0111208-02
F2	11/11/20		1.032		LK	SSE	167	0.9	F2 passive	ERG	0.051510246	SAT035	5.9 inHg	0112511-02
F2	11/17/20		1.253			NNW	331	3.5	F2 passive	ERG	0.051510246	SAT149	3.6 inHg	0112511-04
F2	11/17/20	QA	0.990			NNW	330	3.4	F2 passive QA	ERG	0.051510246	33236	2.0 inHg	0112511-05
F2	11/23/20		1.489			NNW	330	3.4	F2 passive	ERG	0.051510246	18808	3.8 inHg	0120412-03
F2	11/29/20		1.146		LK	E	83	1.8	F2 passive	ERG	0.051510246	SAT112	4.8 inHg	0120412-04
F2	12/05/20		1.030		LK	WNW	302	2.2	F2 passive	ERG	0.051510246	5022	4.2 inHg	0121642-02
F2	12/11/20		1.616			SSE	165	0.7	F2 passive	ERG	0.051510246	19653	3.8 inHg	0122327-02
F2	12/17/20		0.745			WNW	296	3.2	F2 passive	ERG	0.051510246	18865	2.3 inHg	0122407-02
F2	12/23/20		0.190			SE	125	1.8	F2 passive	ERG	0.051510246	A21013	5.1 inHg	1010625-02
F2	01/04/21		0.151			NW	318	1.4	F2 passive	ERG	0.051510246	A21026	3.8 inHg	1011516-02
F2	01/10/21		1.283			N	9	0.8	F2 passive	ERG	0.051510246	18889	2.3 inHg	1012723-02
F2	01/10/21	QA	1.623			N	9	0.8	F2 passive QA	ERG	0.051510246	SAT161	3 inHg	1012723-03
F2	01/16/21		0.394		LK	W	272	3.1	F2 passive	ERG	0.051510246	AZ45	3 inHg	1012723-05
F2	01/22/21		0.249			NNW	329	1	F2 passive	ERG	0.051510246	33544	3.9 inHg	1020317-02
F2	01/28/21		0.815			NW	325	5.5	F2 passive	ERG	0.051510246	SAT014	3.3 inHg	1020425-02
F2	02/03/21		0.273			NW	312	3.5	F2 passive	ERG	0.047172541	35143	2.8 inHg	1021020-03
F2	02/09/21		0.179			NE	41	1	F2 passive	ERG	0.047172541	18874	4.1 inHg	1021837-02
F2	02/09/21	QA	0.313			NE	41	1	F2 passive QA	ERG	0.047172541	SAT009	1.8inhg	1021837-03
F2	02/15/21		0.264		LK	E	83	2.8	F2 passive	ERG	0.047172541	SAT159	4.6 inHg	1030327-02
F2	02/21/21		0.126			SE	136	2.6	F2 passive	ERG	0.047172541	SAT070	2.3 inHg	1030327-03
F2	02/27/21		0.542		LK	NE	54	1.6	F2 passive	ERG	0.047172541	SAT110	3.7 inHg	1031122-02
F2	03/05/21			AF		NW	325	2.2	F2 passive				Did not Collect	No sample ID possible
F2	03/11/21		0.360		2	WNW	302	1.1	F2 passive	ERG	0.047172541	18825	6.8 inHg	1031636-02
F2	03/17/21		0.096		2	E	79	2.5	F2 passive	ERG	0.047172541	110335	6.9 inHg	1032433-02
F2	03/23/21		0.108		2	E	98	3	F2 passive	ERG	0.047172541	110306	7.5 inHg	1040823-02

F2	03/23/21	QA	0.162			E	98	3	F2 passive QA	ERG	0.047172541	110342	5.8 inHg	1040731-01
F2	03/29/21		0.178		2	NE	41	1.5	F2 passive	ERG	0.047172541	114340	8.1 inHg	1041342-01
F2	04/04/21		0.519		2	NW	321	0.7	F2 passive	ERG	0.047172541	SAT180	6.1 inHg	1042216-02
F2	04/10/21		0.524		LK, 2	S	175	2.9	F2 passive	ERG	0.047172541	AZ52	8 inHg	1042216-04
F2	04/16/21		0.257		2	N	4	0.9	F2 passive	ERG	0.047172541	18882	7.8 inHg	1042934-02
F2	04/22/21		0.179			NW	321	1.3	F2 passive	ERG	0.047172541	A21034	5.2 inHg	1043023-01
F2	04/28/21		0.419		2	SW	232	1.6	F2 passive	ERG	0.047172541	A22328	7.9 inHg	1051721-01
F2	05/04/21		0.273			SW	219	2.2	F2 passive	ERG	0.047172541	114348	5.8 inHg	1051941-02
F2	05/10/21		1.083		2	W	268	2.2	F2 passive	ERG	0.047172541	A21098	8.5 inHg	1051941-05
F2	05/16/21		0.141		2	SW	222	1.4	F2 passive	ERG	0.047172541	18822	6.9 inHg	1060324-03
F2	05/22/21		0.463		2	NE	40	0.5	F2 passive	ERG	0.047172541	19646	7.1 inHg	1060324-04
F2	05/28/21		0.333		LK				F2 passive	ERG	0.047172541	19296	4.3 inHg	1060836-03
F2	05/28/21	QA	0.210		LK	SW	219	2.8	F2 passive QA	ERG	0.047172541	A21109	5.1 inHg	1060923-01
F3	08/13/20		1.762			W	271	1.1	F3 passive	ERG	0.051510246	18883	4.8 inHg	0082115-04
F3	08/19/20		3.669		LK, 2	NE	54	1.4	F3 passive	ERG	0.051510246	5103	13.8 inHg	0082739-03
F3	09/18/20		5.910			NNW	341	1.3	F3 passive	ERG	0.051510246	19280	5.6 inHg	0092510-02
F3	09/24/20		1.634		2	E	100	2.5	F3 passive	ERG	0.051510246	SAT101	7.5 inHg	0100212-03
F3	09/30/20		0.452		LK	W	267	1.6	F3 passive	ERG	0.051510246	5077	3.1 inHg	0100834-03
F3	10/06/20		1.075			NE	40	0.8	F3 passive	ERG	0.051510246	19282	2.9 inHg	0101530-03
F3	10/18/20		1.030			E	79	2.1	F3 passive	ERG	0.051510246	111211	1.8 inHg	0102915-03
F3	10/24/20		4.790		2	N	0	0.6	F3 passive	ERG	0.051510246	111217	12.5 inHg	0110528-03
F3	10/30/20			AP		NW	319	4	F3 passive	ERG		19276	VOID	No sample ID possible
F4	01/16/21		0.091			W	272	3.1	F4 passive	ERG	0.051510246	33498	3.8 inHg	1012723-06
F4	01/22/21		0.000		ND, U	NNW	329	1	F4 passive	ERG	0.051510246	19663	3.9 inHg	1020317-03
F4	01/28/21		0.000		ND, U	NW	325	5.5	F4 passive	ERG	0.051510246	SAT085	3.3 inHg	1020425-03
F4	02/03/21		0.000		ND, U	NW	312	3.5	F4 passive	ERG	0.047172541	111217	3.1 inHg	1021020-04
F4	02/09/21		0.112			NE	41	1	F4 passive	ERG	0.047172541	114348	4.5 inHg	1021837-04
F4	02/15/21		0.242			E	83	2.8	F4 passive	ERG	0.047172541	SAT157	4.7 inHg	1030327-04
F4	02/15/21	QA	0.284			E	83	2.8	F4 passive QA	ERG	0.047172541	SAT033	4.7inhg	1030327-05
F4	02/21/21		0.432		LK	SE	136	2.6	F4 passive	ERG	0.047172541	SAT142	2 inHg	1030327-06
F4	02/27/21		0.107			NE	54	1.6	F4 passive	ERG	0.047172541	19660	3.9 inHg	1031122-03
F4	03/05/21			AF		NW	325	2.2	F4 passive				Did not Collect	No sample ID possible
F4	03/11/21		0.333		LK	WNW	302	1.1	F4 passive	ERG	0.047172541	SAT058	5.8 inHg	1031636-03
F4	03/17/21		0.291			E	79	2.5	F4 passive	ERG	0.047172541	SAT087	4.1 inHg	1032433-03
F4	03/23/21		0.130			E	98	3	F4 passive	ERG	0.047172541	18824	5.0 inHg	1040823-03
F4	03/29/21		0.094			NE	41	1.5	F4 passive	ERG	0.047172541	18879	5.3 inHg	1041410-02
F4	04/04/21		0.147			NW	321	0.7	F4 passive	ERG	0.047172541	18884	3.5 inHg	1042123-01
F4	04/10/21		0.703			S	175	2.9	F4 passive	ERG	0.047172541	SAT042	5.9 inHg	1042216-05
F4	04/16/21		0.097			N	4	0.9	F4 passive	ERG	0.047172541	2527	5 inHg	1042934-03
F4	04/28/21		0.401			SW	232	1.6	F4 passive	ERG	0.047172541	2240	5.9 inHg	1051247-02
F4	05/04/21		0.070			SW	219	2.2	F4 passive	ERG	0.047172541	19278	5.9 inHg	1051941-03
F4	05/10/21		0.099			W	268	2.2	F4 passive	ERG	0.047172541	18884	4.8 inHg	1051941-06
F4	05/16/21		0.150			SW	222	1.4	F4 passive	ERG	0.047172541	111217	4.7 inHg	1060324-05
F4	05/28/21		0.206		LK	SW	219	2.8	F4 passive	ERG	0.047172541	19652	2.8 inHg	1060923-03
General Coffee	09/19/19		0.618		LK	E	80	3.9	General Coffee Xonteck 911	ERG	0.045184426	N4075	20 inHg	9092734-01
General Coffee	09/30/19			AN					General Coffee Xonteck 911	ERG		N4112	20 inHg	9100409-01
General Coffee	10/12/19		0.059			ESE	139	0.57	General Coffee Xonteck 911	ERG	0.045184426	2767	19 inHg	9101529-01

General Coffee	10/24/19	0.075			E	84	3.3	General Coffee Xonteck 911	ERG	0.045184426	A21071	20 inHg	9110120-01
General Coffee	11/05/19	0.174			NE	42	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT099	19 inHg	9111358-01
General Coffee	11/19/19	0.120		LK	W	285	1.7	General Coffee Xonteck 911	ERG	0.045184426	5136	22 inHg	9112612-01
General Coffee	11/29/19	0.151		LK	ENE	64	0.1	General Coffee Xonteck 911	ERG	0.045184426	SAT135	23 inHg	9120613-01
General Coffee	12/11/19	0.266		LK	NNE	19	4.1	General Coffee Xonteck 911	ERG	0.045184426	5022	21 inHg	9122020-01
General Coffee	12/23/19	0.040		U	WNW	320	2.4	General Coffee Xonteck 911	ERG	0.045184426	18870	21 inHg	9122720-01
General Coffee	01/04/20	0.358			WNW	320	5.3	General Coffee Xonteck 911	ERG	0.045184426	SAT160	20 inHg	0011011-01
General Coffee	01/16/20		AS	2	NW	311	2.8	General Coffee Xonteck 911	ERG	0.045184426	A21083	20 inHg	0012417-01
General Coffee	01/28/20	0.347			N	0	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT168	21 inHg	0021033-01
General Coffee	02/09/20	0.081			E	88	2.3	General Coffee Xonteck 911	ERG	0.045184426	A21054	23 inHg	0021823-01
General Coffee	02/21/20	0.076		LK	NE	35	5.5	General Coffee Xonteck 911	ERG	0.045184426	A21035	22 inHg	0030237-01
General Coffee	03/04/20	0.466			E	87	2	General Coffee Xonteck 911	ERG	0.051510246	SAT056	21 psig	0031322-01
General Coffee	03/16/20		AF		ESE	101	2.5	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	03/22/20	0.143		LK	ENE	69	3	General Coffee Xonteck 911	ERG	0.051510246	5035	21 psig	0040215-01
General Coffee	03/28/20	0.116			SW	227	3	General Coffee Xonteck 911	ERG	0.051510246	A21072	21 psig	0040215-02
General Coffee	04/09/20	0.180			W	281	3.2	General Coffee Xonteck 911	ERG	0.051510246	19645	22 psig	0042017-01
General Coffee	04/21/20		AF		WNW	285	2.3	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	04/27/20	1.074		2	NNW	330	2.6	General Coffee Xonteck 911	ERG	0.051510246	SAT063	23 psig	0050710-01
General Coffee	05/03/20	0.629		2, I-02	WSW	245	1.8	General Coffee Xonteck 911	ERG	0.051510246	SAT142	21 psig	0051506-01
General Coffee	05/15/20	0.566		LK, 2	ESE	115	2.2	General Coffee Xonteck 911	ERG	0.051510246	5064	22 psig	0052201-01
General Coffee	05/27/20		AF		ENE	60	1.7	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	06/02/20	0.201		2	ESE	110	1.8	General Coffee Xonteck 911	ERG	0.051510246	33535	19 psig	0061524-01
General Coffee	06/08/20	0.481		2	SSW	210	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT053	21 psig	0061907-01
General Coffee	06/20/20	0.524		2	SW	216	0.66	General Coffee Xonteck 911	ERG	0.051510246	SAT074	22 psig	0062610-01
General Coffee	07/02/20		SC		W	267	1.8	General Coffee Xonteck 911	ERG	0.051510246	35124	21 psig	0071020-01
General Coffee	07/14/20	1.518		LK, 2	W	258	1.2	General Coffee Xonteck 911	ERG	0.051510246	AZ38	22 psig	0072337-01

General Coffee	07/26/20	0.380		LK, 2	E	99	1.5	General Coffee Xonteck 911	ERG	0.051510246	5136	21 psig	0080616-01
General Coffee	08/07/20	0.336		2	S	189	1.2	General Coffee Xonteck 911	ERG	0.051510246	A21009	23 psig	0081411-01
General Coffee	08/19/20	0.181		LK	SSE	154	0.5	General Coffee Xonteck 911	ERG	0.051510246	5141	20 psig	0082819-01
General Coffee	08/31/20	1.023		2	W	266	1.2	General Coffee Xonteck 911	ERG	0.051510246	SAT082	21 psig	0091422-01
General Coffee	09/12/20	0.202		2	E	86	2.7	General Coffee Xonteck 911	ERG	0.051510246	18879	22 psig	0092511-01
General Coffee	09/24/20		AF		SE	138	1.5	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	09/30/20	0.109		2	NNW	336	1	General Coffee Xonteck 911	ERG	0.051510246	18835	22 psig	0100913-01
General Coffee	10/06/20	0.213		2	ENE	60	2.8	General Coffee Xonteck 911	ERG	0.051510246	19641	22 psig	0101607-01
General Coffee	10/18/20	0.244		2	ENE	67	2.7	General Coffee Xonteck 911	ERG	0.051510246	A21086	21 psig	0102918-01
General Coffee	10/30/20	0.215		2	NNW	332	3	General Coffee Xonteck 911	ERG	0.051510246	A21028	23 psig	0110605-01
General Coffee	11/11/20	2.783		LK, 2	ESE	122	1.7	General Coffee Xonteck 911	ERG	0.051510246	35103	22 psig	0112316-01
General Coffee	11/23/20	0.046		VB, 2	N	357	2.1	General Coffee Xonteck 911	ERG	0.051510246	19284	24 psig	0120409-01
General Coffee	12/05/20	0.186		2, LK	NNW	327	2.4	General Coffee Xonteck 911	ERG	0.051510246	A21073		0121804-01
General Coffee	12/17/20	0.037		2, VB	NW	313	2.3	General Coffee Xonteck 911	ERG	0.051510246	18829	21 psig	0122329-01
General Coffee	12/29/20		AF		E	87	1.4	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	01/04/21	0.043		2, VB				General Coffee Xonteck 911	ERG	0.051510246	33243	22 psig	1011926-01
General Coffee	01/10/21		AF		NNW	346	0.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	01/16/21		AF		W	273	3	General Coffee Xonteck 911	ERG		18869	Did not Collect	1012901-01
General Coffee	01/22/21	0.987		LK, 2	N	8	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT101	22 psig	1012901-02
General Coffee	02/03/21		AF		NW	316	2.3	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/09/21		AN		ESE	108	0.8	General Coffee Xonteck 911	ERG		114340	VOID	1022520-01
General Coffee	02/15/21		AF		SSE	147	2.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/21/21	0.186			ESE	105	2.7	General Coffee Xonteck 911	ERG	0.047172541	SAT109	19 psig	1030427-01
General Coffee	02/27/21	0.000		ND, U, 2	WSW	239	1.3	General Coffee Xonteck 911	ERG	0.047172541	19647	21 psig	1030427-02
General Coffee	03/11/21		AR		SSE	148	0.9	General Coffee passive	ERG		19643	VOID	1031827-01
General Coffee	03/11/21	0.063		2	SSE	148	0.9	General Coffee Xonteck 911	ERG	0.047172541	18823	22 psig	1031827-02

General Coffee	03/23/21		AR		E	87	1.5	General Coffee Xonteck 911	ERG		SAT156	VOID	1040213-01
General Coffee	04/04/21	0.495		LK, 2	WSW	238	0.5	General Coffee Xonteck 911	ERG	0.047172541	SAT125	23 psig	1041610-01
General Coffee	04/16/21	0.530		LK, 2	NNE	21	1.4	General Coffee Xonteck 911	ERG	0.047172541	AZ50	23 psig	1042306-01
General Coffee	04/28/21	0.390		LK, 2	NW	307	3.8	General Coffee Xonteck 911	ERG	0.047172541	A21007	22 psig	1051017-01
General Coffee	05/10/21	0.786		LK, 2	WSW	240	2.6	General Coffee Xonteck 911	ERG	0.047172541	SAT077	21 psig	1052114-01
General Coffee	05/22/21	0.249		LK, 2	E	88	1.7	General Coffee Xonteck 911	ERG	0.047172541	N4114	22 psig	1052813-01
NR285	03/10/20	0.374		2	SW	215	0.3	NR285 Xonteck 910	ERG	0.051510246	A21033		0031723-01
NR285	03/22/20	0.367			E	90	0.8	NR285 Xonteck 910	ERG	0.051510246	A22329		0040114-03
NR285	05/09/20	0.070		2	WNW	291	0.3	NR285 Xonteck 910	ERG	0.051510246	19647		0051509-01
NR285	06/14/20	0.262			ESE	119	0.1	NR285 Xonteck 910	ERG	0.051510246	A21046		0062523-01
NR285	01/04/21	0.072			WNW	287	0.3	NR285 Xonteck 910	ERG	0.051510246	SAT053		1011328-05
NR285	01/16/21	0.113			WNW	287	0.8	NR285 Xonteck 910	ERG	0.051510246	35157		1012725-03
NR285	01/28/21	0.000		ND, U, 2	NW	319	1.2	NR285 Xonteck 910	ERG	0.051510246	19288	12.8 psig	1020518-03
NR285	02/09/21	0.083			ENE	60	0.1	NR285 passive	ERG	0.047172541	114322	2.0 inHg	1021909-01
NR285	02/09/21	0.336			ENE	60	0.1	NR285 Xonteck 910	ERG	0.047172541	SAT107	18.3 inHg	1021909-02
NR285	02/21/21	0.076			SE	125	0.8	NR285 Xonteck 910	ERG	0.047172541	A21044	17.9 psig	1030511-06
NR285	02/21/21	0.237			SE	125	0.8	NR285 passive	ERG	0.047172541	A21099	1.8 inHg	1030511-05
NR285	04/22/21	0.051			WNW	290	0.2	NR285 Xonteck 910	ERG	0.047172541	19295	19 psig	1050320-01
NR285	05/04/21	0.080		2	SSW	212	0.1	NR285 Xonteck 910	ERG	0.047172541	19283	19.5 psig	1051938-01
NR285	05/16/21	0.542		2	SSW	205	0.2	NR285 Xonteck 910	ERG	0.047172541	A21012	19 psig	1060326-01
S1	09/24/19		AN		NW	304	2.5	S1 passive	ERG		SAT004	29.0 inHg	9092733-01
S1	09/26/19		AN		NW	313	1.7	S1 passive				VOID	No sample ID possible
S1	09/30/19	0.193		LK	N	7	0.9	S1 passive	ERG	0.045184426	18831	4.1 inHg	9100318-01
S1	10/03/19	0.311		LK	WNW	303	0.8	S1 passive	ERG	0.045184426	18833	5.0 inHg	9100921-02
S1	10/06/19	0.056			E	87	3.8	S1 passive	ERG	0.045184426	19653	3.8 inHg	9100921-06
S1	10/12/19	0.213		LK	NW	304	2.2	S1 passive	ERG	0.045184426	5013	5.3 inHg	9101802-01
S1	10/18/19	0.123		LK	E	85	2.3	S1 passive	ERG	0.045184426	5017	4.0 inHg	9102414-01
S1	10/24/19	0.100		LK	E	85	1.8	S1 passive	ERG	0.045184426	A21069	4.0 inHg	9103068-01
S1	11/20/19	0.273		LK, 2	NW	310	3.2	S1 passive	ERG	0.045184426	SAT003	6.5 inHg	9112204-01
S1	11/23/19	0.361		LK, 2	WSW	244	4.2	S1 passive	ERG	0.045184426	AZ39	8.0 inHg	9112712-01
S1	11/29/19	0.157		LK, 2	NW	317	1.3	S1 passive	ERG	0.045184426	SAT155	7.0 inHg	9120611-01
S1	12/05/19	0.159		LK	WNW	295	2.1	S1 passive	ERG	0.045184426	19668	3.2 inHg	9121206-01
S1	12/11/19	0.215		LK	NW	320	3.1	S1 passive	ERG	0.045184426	SAT079	4.9 inHg	9121840-01

S1	12/17/19	0.369		LK, 2	WNW	294	6.1	S1 passive	ERG	0.045184426	5019	8.2 inHg	0010321-01
S1	12/23/19		AN		ENE	67	4.7	S1 passive	ERG		5077	1.2 inHg	0010321-05
S1	01/10/20	0.298		LK	ESE	104	5.5	S1 passive	ERG	0.045184426	5020	1.4 inHg	0011617-01
S1	01/16/20	0.703		LK	NW	311	5.4	S1 passive	ERG	0.045184426	5051	2.4 inHg	0012315-01
S1	02/03/20	0.849		LK	SSW	211	1.9	S1 passive	ERG	0.045184426	5080	1.0 inHg	0021216-01
S1	02/09/20	0.772		LK, 2	ESE	103	3	S1 passive	ERG	0.045184426	5129	10.2 inHg	0021825-01
S1	02/15/20	0.278			E	93	2.4	S1 passive	ERG	0.045184426	19668	2.0 inHg	0022612-01
S1	03/10/20	0.333			SSW	197	2.1	S1 passive	ERG	0.051510246	2240	4.2 inHg	0031722-01
S1	03/28/20	0.184		2	SW	220	2.8	S1 passive	ERG	0.051510246	19297	6.9 inHg	0040817-01
S1	04/03/20	0.132			WNW	284	1.7	S1 passive	ERG	0.051510246	18823	4.3 inHg	0041003-01
S1	04/09/20	0.441			WNW	292	5	S1 passive	ERG	0.051510246	SAT082	6.0 inHg	0041620-01
S1	04/15/20	0.219			NW	320	4.3	S1 passive	ERG	0.051510246	SAT096	3.9 inHg	0042217-01
S1	04/21/20	0.860		LK, 2	WNW	288	4.4	S1 passive	ERG	0.051510246	5086	5.8 inHg	0050113-01
S1	04/27/20	0.111			WNW	302	3.5	S1 passive	ERG	0.051510246	18827	4.0 inHg	0050617-01
S1	05/03/20	0.571		LK, 2	WSW	255	2.6	S1 passive	ERG	0.051510246	5065	7.2 inHg	0051409-01
S1	05/09/20	1.215		LK	NW	320	3.6	S1 passive	ERG	0.051510246	5040	4.7 inHg	0051830-01
S1	05/15/20	0.115			SE	130	3.2	S1 passive	ERG	0.051510246	18870	5.9 inHg	0052846-01
S1	05/21/20	0.074			E	85	1.7	S1 passive	ERG	0.051510246	19280	4.9 inHg	0052917-02
S1	05/27/20	0.701			E	90	3.2	S1 passive	ERG	0.051510246	SAT111	5.8 inHg	0060506-01
S1	06/02/20	0.569			S	185	1.7	S1 passive	ERG	0.051510246	SAT048	5.5 inHg	0061733-01
S1	06/08/20	0.176			ESE	120	4.4	S1 passive	ERG	0.051510246	SAT044	6.0 inHg	0061733-05
S1	06/14/20	1.292		LK, 2	ENE	70	1.7	S1 passive	ERG	0.051510246	5051	6.2 inHg	0062524-01
S1	06/20/20	0.398		LK, 2	NW	321	1.5	S1 passive	ERG	0.051510246	5127	6.8 inHg	0062611-01
S1	06/26/20	0.439			W	275	3.5	S1 passive	ERG	0.051510246	19289	5.5 inHg	0070604-01
S1	07/02/20	0.138		2	WNW	301	2.1	S1 passive	ERG	0.051510246	19660	6.5 inHg	0070929-01
S1	07/08/20	0.325		LK	W	280	1	S1 passive	ERG	0.051510246	5032	7.0 inHg	0071532-01
S1	07/14/20	0.150			WSW	253	1.3	S1 passive	ERG	0.051510246	18870	6.0 inHg	0072413-01
S1	07/20/20	1.097			WSW	258	1	S1 passive	ERG	0.051510246	SAT152	2.9 inHg	0072930-01
S1	08/01/20	0.671		LK	SW	216	2.9	S1 passive	ERG	0.051510246	SAT067	2.3 inHg	0081226-01
S1	08/07/20	1.028		LK	NE	50	1.7	S1 passive	ERG	0.051510246	5090	2.9 inHg	0081932-01
S1	08/13/20	0.558			ESE	109	1.7	S1 passive	ERG	0.051510246	A22330	2.1 inHg	0082116-01
S1	08/19/20	1.099		LK, 2	SE	125	1.9	S1 passive	ERG	0.051510246	AZ53	10.0 inHg	0082740-01
S1	08/25/20	1.113			E	97	1.2	S1 passive	ERG	0.051510246	SAT033	1.9 inHg	0090237-01
S1	08/31/20	0.578			WSW	238	0.7	S1 passive	ERG	0.051510246	A21001	2.1 inHg	0090831-01
S1	09/06/20	0.517		LK	ENE	57	1.7	S1 passive	ERG	0.051510246	AZ41	1.2 inHg	0092336-01
S1	09/12/20	2.006			ESE	105	2.6	S1 passive	ERG	0.051510246	SAT011	2.9 inHg	0092336-04
S1	09/18/20	0.481		LK	NNW	331	2.4	S1 passive	ERG	0.051510246	5043	3.5 inHg	0092509-01
S1	09/24/20	0.396		LK	ESE	104	4.1	S1 passive	ERG	0.051510246	5128	3.2 inHg	0100211-01
S1	10/06/20	0.161			E	87	1.2	S1 passive	ERG	0.051510246	19658	1.8 inHg	0101529-01
S1	10/12/20	1.099			WNW	283	1.9	S1 passive	ERG	0.051510246	A21006	2.0 inHg	0102302-01
S1	10/18/20	0.145			E	94	2.4	S1 passive	ERG	0.051510246	114329	1.1 inHg	0102914-01
S1	10/24/20	0.112		2	N	3	1.1	S1 passive	ERG	0.051510246	114348	10.4 inHg	0110518-01
S1	11/11/20	0.219			S	170	1.3	S1 passive	ERG	0.051510246	SAT061	3.5 inHg	0112512-01
S1	11/29/20	0.278		LK	ESE	103	2.8	S1 passive	ERG	0.051510246	5145	2.8 inHg	0120410-02
S1	12/05/20	0.069			WNW	291	3.5	S1 passive	ERG	0.051510246	19290	1.0 inHg	0121638-01
S1	12/11/20	0.164		LK	SSE	148	1	S1 passive	ERG	0.051510246	5054	2.3 inHg	0122325-01
S1	12/23/20	0.099			ESE	114	3.3	S1 passive	ERG	0.051510246	19642	2.1 inHg	1010627-01
S1	12/29/20	0.088			E	100	2	S1 passive	ERG	0.051510246	110322	2.1 inHg	1010523-01
S1	01/04/21	0.071			SSW	292	1.9	S1 passive	ERG	0.051510246	19278	1.7 inHg	1011515-01
S1	01/16/21	0.097			W	268	4.4	S1 passive	ERG	0.051510246	19340	1.0 inHg	1012724-06
S1	01/28/21	0.499			NW	317	6.6	S1 passive	ERG	0.051510246	SAT058	1.6 inHg	1020424-01
S1	02/09/21	0.082			ENE	69	1.5	S1 passive	ERG	0.047172541	9570	2.1 inHg	1021828-01

S1	02/15/21	0.300			E	98	3.7	S1 passive	ERG	0.047172541	SAT184	2.8 inHg	1030328-01
S1	03/05/21		AF		NW	322	3.2	S1 passive	ERG	0.0472		Did not Collect	No sample ID possible
S1	03/11/21	0.125			SSW	194	1.6	S1 passive	ERG	0.047172541	18817	5.9 inHg	1031638-01
S1	03/17/21	0.275		2	ESE	103	3.1	S1 passive	ERG	0.047172541	213	8.2 inHg	1032431-01
S1	03/23/21	0.132		2	ESE	110	4.3	S1 passive	ERG	0.047172541	18836	8.6 inHg	1040821-01
S1	03/29/21		AA		NNW	343	2.1	S1 passive	ERG	0.047172541	18836	VOID	1041340-01
S1	04/04/21	0.133			WNW	291	1.7	S1 passive	ERG	0.047172541	33235	5.8 inHg	1042122-01
S1	04/10/21	0.172			SSE	161	3.8	S1 passive	ERG	0.047172541	19654	6.0 inHg	1042219-04
S1	04/22/21	0.159		2	WNW	290	1.7	S1 passive	ERG	0.047172541	A21036	6.2 inHg	1043024-01
S1	04/28/21	0.138			SSW	204	1.7	S1 passive	ERG	0.047172541	114322	6.0 inHg	1051246-01
S1	05/04/21	0.199			SSW	200	2.5	S1 passive	ERG	0.047172541	33503	5.2 inHg	1051939-01
S1	05/10/21	0.093		2	W	278	3	S1 passive	ERG	0.047172541	114386	6.4 inHg	1051939-05
S1	05/16/21	0.215			SSW	198	1.2	S1 passive	ERG	0.047172541	19654	5.1 inHg	1060325-01
S1	05/22/21	0.202		2	ENE	69	1.1	S1 passive	ERG	0.047172541	19294	6.1 inHg	1060325-02
S1	05/28/21	0.436		LK	SW	232	3.2	S1 passive	ERG	0.047172541	A21073	4 inHg	1060925-01
S2	09/24/19	0.325		LK, 2	NW, W	304	2.5	S2 passive	ERG	0.045184426	SAT023	6.5 inHg	9092733-02
S2	09/26/19	0.217		LK, 2	NW	313	1.7	S2 passive	ERG	0.045184426	A21104	6.1 inHg	9100318-02
S2	10/03/19	0.403		LK	WNW	303	0.8	S2 passive	ERG	0.045184426	SAT135	4.9 inHg	9100921-04
S2	10/06/19	0.118		LK	E	87	3.8	S2 passive	ERG	0.045184426	5005	5.9 inHg	9100921-09
S2	10/12/19	0.269		LK	NW	304	2.2	S2 passive	ERG	0.045184426	5040	4.8 inHg	9101802-02
S2	10/18/19	0.069			E	85	2.3	S2 passive	ERG	0.045184426	18882	2.1 inHg	9102414-02
S2	10/24/19	0.054			E	85	1.8	S2 passive	ERG	0.045184426	19300	3.2 inHg	9103068-02
S2	11/20/19	0.186		LK	NW	310	3.2	S2 passive	ERG	0.045184426	5005	2.9 inHg	9112204-02
S2	11/23/19	0.392			WSW	244	4.2	S2 passive	ERG	0.045184426	SAT049	3.1 inHg	9112712-02
S2	11/29/19	0.162		LK	NW	317	1.3	S2 passive	ERG	0.045184426	SAT086	3.1 inHg	9120611-02
S2	12/23/19		AF		ENE	67	4.7	S2 passive				Did not Collect	No sample ID possible
S2	12/31/19		AF		W	275	6.2	S2 passive				Did not Collect	No sample ID possible
S2	01/04/20		AF		WNW	285	7.3	S2 passive				Did not Collect	No sample ID possible
S2	01/10/20	0.322		LK	ESE	104	5.5	S2 passive	ERG	0.045184426	AZ51	2.2 inHg	0011617-02
S2	01/16/20	0.257		LK	NW	311	5.4	S2 passive	ERG	0.045184426	5146	4.1 inHg	0012315-02
S2	02/09/20		AO		ESE	103	3	S2 passive	ERG		19276	VOID	0021825-02
S2	02/15/20	0.797		2	E	93	2.4	S2 passive	ERG	0.045184426	SAT025	9.4 inHg	0022612-02
S2	02/21/20		AN		NW	321	2.7	S2 passive	ERG		18836	22.8 inHg	0030235-02
S2	02/27/20	0.148		LK	WNW	301	5.1	S2 passive	ERG	0.045184426	19663	2.2 inHg	0030536-02
S2	03/04/20	0.407		LK	WSW	241	1.6	S2 passive	ERG	0.051510246	SAT179	4.1 inHg	0031136-01
S2	03/10/20	0.237			SSW	197	2.1	S2 passive	ERG	0.051510246	18877	3.2 inHg	0031722-02
S2	03/28/20	0.781		LK	SW	220	2.8	S2 passive	ERG	0.051510246	SAT159	6.0 inHg	0040817-02
S2	04/03/20	0.085			WNW	284	1.7	S2 passive	ERG	0.051510246	19296	4.1 inHg	0041003-02
S2	04/09/20	0.544		LK	WNW	292	5	S2 passive	ERG	0.051510246	5023	6.0 inHg	0041620-02
S2	04/15/20	0.484		LK	NW	320	4.3	S2 passive	ERG	0.051510246	5079	3.8 inHg	0042217-02
S2	04/21/20	0.408		LK, 2	WNW	288	4.4	S2 passive	ERG	0.051510246	5101	4.9 inHg	0050113-02
S2	04/27/20	1.263		LK, 2	WNW	302	3.5	S2 passive	ERG	0.051510246	5000	4.2 inHg	0050617-02
S2	05/03/20		BI		WSW	255	2.6	S2 passive	ERG		18879	5.7 inHg	0051409-02
S2	05/09/20		BI		NW	320	3.6	S2 passive	ERG		19297	2.0 inHg	0051505-01
S2	05/15/20	0.573			SE	130	3.2	S2 passive	ERG	0.051510246	SAT183	5.3 inHg	0052846-02
S2	05/21/20	0.784		LK	E	85	1.7	S2 passive	ERG	0.051510246	SAT184	4.1 inHg	0052917-03
S2	05/27/20	0.795			NNW	330	2.6	S2 passive	ERG	0.051510246	35141	3.8 inHg	0060506-02
S2	06/02/20	0.761		LK	S	185	1.7	S2 passive	ERG	0.051510246	5073	5.8 inHg	0061733-02

S2	06/08/20	0.647			ESE	120	4.4	S2 passive	ERG	0.051510246	19662	4.8 inHg	0061733-06
S2	06/14/20	1.037		LK	ENE	70	1.7	S2 passive	ERG	0.051510246	SAT159	4.0 inHg	0062524-02
S2	06/20/20	0.587			NW	321	1.5	S2 passive	ERG	0.051510246	SAT103	5.2 inHg	0062611-02
S2	06/26/20	0.508		LK	W	275	3.5	S2 passive	ERG	0.051510246	5077	5.2 inHg	0070604-02
S2	07/02/20	0.197		LK	WNW	301	2.1	S2 passive	ERG	0.051510246	SAT051	5.6 inHg	0070929-02
S2	07/08/20	0.179			W	280	1	S2 passive	ERG	0.051510246	19644	4.7 inHg	0071532-02
S2	07/14/20	0.396			WSW	253	1.3	S2 passive	ERG	0.051510246	SAT024	5.8 inHg	0072413-02
S2	07/26/20	0.222			NNW	340	0.9	S2 passive	ERG	0.051510246	SAT044	1.8 inHg	0080535-02
S2	08/13/20	0.994		LK	ESE	109	1.7	S2 passive	ERG	0.051510246	5082	2.8 inHg	0082116-02
S2	08/19/20	0.777			SE	125	1.9	S2 passive	ERG	0.051510246	SAT182	3.9 inHg	0082740-02
S2	08/25/20	0.768		2	E	97	1.2	S2 passive	ERG	0.051510246	33266	14.0 inHg	0090237-02
S2	09/06/20	0.745		LK	ENE	57	1.7	S2 passive	ERG	0.051510246	5105	1.2 inHg	0092336-02
S2	09/12/20	0.170			ESE	105	2.6	S2 passive	ERG	0.051510246	19288	2.8 inHg	0092336-05
S2	09/18/20	1.289		LK	NNW	331	2.4	S2 passive	ERG	0.051510246	SAT109	2.1 inHg	0092509-02
S2	09/24/20	0.580		3	ESE	104	4.1	S2 passive	ERG	0.051510246	A21095	2.8 inHg	0100211-02
S2	09/30/20	0.819		3, LK	WNW	283	1.8	S2 passive	ERG	0.051510246	5063	2.8 inHg	0100832-02
S2	10/06/20	0.098		3	E	87	1.2	S2 passive	ERG	0.051510246	33238	1.7 inHg	0101529-02
S2	10/12/20	0.333		3	WNW	283	1.9	S2 passive	ERG	0.051510246	A21011	2.9 inHg	0102302-02
S2	10/18/20	0.119		3	E	94	2.4	S2 passive	ERG	0.051510246	110252	1.2 inHg	0102914-02
S2	10/24/20	0.132		2, 3	N	3	1.1	S2 passive	ERG	0.051510246	110258	9.8 inHg	0110518-02
S2	11/11/20	6.470		3, LK	S	170	1.3	S2 passive	ERG	0.051510246	35118	3.6 inHg	0112512-02
S2	11/17/20	0.091		3	NW	314	4.7	S2 passive	ERG	0.051510246	33243	1.2 inHg	0112512-06
S2	11/23/20	0.178		3	NW	316	3.5	S2 passive	ERG	0.051510246	35148	1.2 inHg	0120410-03
S2	11/29/20	0.284		3, LK	ESE	103	2.8	S2 passive	ERG	0.051510246	5125	3.8 inHg	0120410-04
S2	12/05/20	0.193		3, LK	WNW	291	3.5	S2 passive	ERG	0.051510246	SAT039	1.2 inHg	0121638-02
S2	12/11/20	0.081		3	SSE	148	1	S2 passive	ERG	0.051510246	19648	2.1 inHg	0122325-02
S2	12/23/20	0.052		3	ESE	114	3.3	S2 passive	ERG	0.051510246	AQL0397	1.9 inHg	1010627-02
S2	12/29/20	0.246		3	E	100	2	S2 passive	ERG	0.051510246	SAT097	2.2 inHg	1010523-02
S2	01/04/21	0.174		3	SSW	292	1.9	S2 passive	ERG	0.051510246	A21106	1.4 inHg	1011515-02
S2	01/16/21	0.043		3, VB	W	268	4.4	S2 passive	ERG	0.051510246	19293	1.1 inHg	1012724-07
S2	01/28/21	0.000		ND, U, 3	NW	317	6.6	S2 passive	ERG	0.051510246	SAT151	1.8 inHg	1020424-02
S2	02/09/21	0.063		3	ENE	69	1.5	S2 passive	ERG	0.047172541	111211	2.9 inHg	1021828-02
S2	02/15/21	0.143		3, LK	E	98	3.7	S2 passive	ERG	0.047172541	AZ41	2.9 inHg	1030328-02
S2	02/27/21	0.072		3	ESE	107	2.4	S2 passive	ERG	0.047172541	33235	2.8 inHg	1031120-01
S2	03/05/21		AF		NW	322	3.2	S2 passive		0.0472		Did not Collect	No sample ID possible
S2	03/11/21	0.383		3, LK	SSW	194	1.6	S2 passive	ERG	0.047172541	5004	4.6 inHg	1031638-02
S2	03/17/21	0.157		2, 3	ESE	103	3.1	S2 passive	ERG	0.047172541	110252	6.8 inHg	1032431-02
S2	03/23/21	0.199		3	ESE	110	4.3	S2 passive	ERG	0.047172541	18872	3.7 inHg	1040821-02
S2	03/29/21	0.396		3, LK	NNW	343	2.1	S2 passive	ERG	0.047172541	A21071	4.2 inHg	1041340-03
S2	04/04/21	0.549		3, LK	WNW	291	1.7	S2 passive	ERG	0.047172541	SAT175	2.2 inHg	1042219-01
S2	04/10/21	0.086		3	SSE	161	3.8	S2 passive	ERG	0.047172541	111217	4.5 inHg	1042219-05
S2	04/16/21	0.078		3	NNW	333	2.2	S2 passive	ERG	0.047172541	19280	4.6 inHg	1042935-02
S2	04/22/21	0.085		3	WNW	290	1.7	S2 passive	ERG	0.047172541	19288	1.8 inHg	1043024-02
S2	04/28/21	0.302		3	SSW	204	1.7	S2 passive	ERG	0.047172541	44	5.0 inHg	1051246-02
S2	05/04/21	0.300		3	SSW	200	2.5	S2 passive	ERG	0.047172541	A21106	4.2 inHg	1051939-02
S2	05/10/21	0.091		3	W	278	3	S2 passive	ERG	0.047172541	18833	4.3 inHg	1051939-06
S2	05/16/21	0.102		3	SSW	198	1.2	S2 passive	ERG	0.047172541	19657	3.8 inHg	1060325-03
S2	05/22/21	0.128		3	ENE	69	1.1	S2 passive	ERG	0.047172541	19665	4 inHg	1060241-02
S2	05/28/21	0.109		3	SW	232	3.2	S2 passive	ERG	0.047172541	111211	4.8 inHg	1060925-02
S3	09/24/19	0.540			NW, W	304	2.5	S3 passive	ERG	0.045184426	18834	3.0 inHg	9092733-03
S3	09/26/19	0.104			NW	313	1.7	S3 passive	ERG	0.045184426	18879	6.0 inHg	9100318-04

S3	09/30/19	0.061		2	N	7	0.9	S3 passive	ERG	0.045184426	19650	7.0 inHg	9100318-05
S3	10/03/19	0.170		LK, 2	WNW	303	0.8	S3 passive	ERG	0.045184426	19289	7.1 inHg	9100921-03
S3	10/06/19	0.228		LK, 2	E	87	3.8	S3 passive	ERG	0.045184426	N4087	6.5 inHg	9100921-05
S3	10/12/19	0.208		2	NW	304	2.2	S3 passive	ERG	0.045184426	SAT058	6.8 inHg	9101802-03
S3	10/18/19	0.184		LK	E	85	2.3	S3 passive	ERG	0.045184426	SAT110	6.0 inHg	9102414-03
S3	10/24/19	0.064			E	85	1.8	S3 passive	ERG	0.045184426	A21104	6.0 inHg	9103068-03
S3	11/20/19	0.325		LK	NW	310	3.2	S3 passive	ERG	0.045184426	SAT012	5.9 inHg	9112204-03
S3	11/23/19	0.414		LK, 2	WSW	244	4.2	S3 passive	ERG	0.045184426	AZ47	6.5 inHg	9112712-03
S3	11/29/19	0.249		LK, 2	NW	317	1.3	S3 passive	ERG	0.045184426	5045	7.1 inHg	9120611-03
S3	12/05/19	0.027		LK, U, 2	WNW	295	2.1	S3 passive	ERG	0.045184426	18883	6.2 inHg	9121206-03
S3	01/10/20	0.116		LK	ESE	104	5.5	S3 passive	ERG	0.045184426	SAT031	1.1 inHg	0011617-03
S3	01/16/20		AF		NW	311	5.4	S3 passive	ERG		5034	VOID	0012315-03
S3	01/22/20	0.605			ENE	78	2.2	S3 passive	ERG	0.045184426	SAT033	3.8 inHg	0013009-03
S3	01/28/20	0.728		LK, 2	WNW	301	2.5	S3 passive	ERG	0.045184426	5046	6.8 inHg	0020525-03
S3	02/03/20	0.418			SSW	211	1.9	S3 passive	ERG	0.045184426	SAT127	4.3 inHg	0021216-03
S3	02/09/20	0.683			ESE	103	3	S3 passive	ERG	0.045184426	SAT176	3.2 inHg	0021825-03
S3	02/15/20	0.432		LK, 2	E	93	2.4	S3 passive	ERG	0.045184426	5072	6.1 inHg	0022612-03
S3	02/21/20	0.190		LK	NW	321	2.7	S3 passive	ERG	0.045184426	19665	3.8 inHg	0030235-03
S3	02/27/20	0.309		LK	WNW	301	5.1	S3 passive	ERG	0.045184426	A21095	3.0 inHg	0030605-01
S3	03/04/20	0.436		LK, 2	WSW	241	1.6	S3 passive	ERG	0.051510246	5044	6.5 inHg	0031136-02
S3	03/10/20	0.213		LK	SSW	197	2.1	S3 passive	ERG	0.051510246	SAT051	5.1 inHg	0031835-01
S3	03/28/20	0.278		2	SW	220	2.8	S3 passive	ERG	0.051510246	19647	7.1 inHg	0040817-03
S3	04/03/20	0.620		LK, 2	WNW	284	1.7	S3 passive	ERG	0.051510246	5022	6.7 inHg	0041003-03
S3	04/09/20	0.193		2	WNW	292	5	S3 passive	ERG	0.051510246	19282	6.5 inHg	0041620-03
S3	04/21/20	0.965		2	WNW	288	4.4	S3 passive	ERG	0.051510246	SAT038	5.4 inHg	0050113-03
S3	04/27/20	0.423		2	WNW	302	3.5	S3 passive	ERG	0.051510246	SAT099	5.1 inHg	0050617-05
S3	05/03/20	0.951		LK, 2	WSW	255	2.6	S3 passive	ERG	0.051510246	5062	7.9 inHg	0051409-03
S3	05/09/20	0.466		LK	NW	320	3.6	S3 passive	ERG	0.051510246	5085	5.8 inHg	0051505-02
S3	05/15/20	0.201		2	SE	130	3.2	S3 passive	ERG	0.051510246	33554	6.9 inHg	0052846-03
S3	05/21/20	0.501			E	85	1.7	S3 passive	ERG	0.051510246	A21106	5.8 inHg	0052917-04
S3	05/27/20	0.137			E	90	3.2	S3 passive	ERG	0.051510246	2527	5.7 inHg	0060506-03
S3	06/02/20	0.826		LK, 2	S	185	1.7	S3 passive	ERG	0.051510246	5043	6.9 inHg	0061733-03
S3	06/08/20	0.387		2	ESE	120	4.4	S3 passive	ERG	0.051510246	A21055	6.6 inHg	0061733-07
S3	06/14/20	0.166			ENE	70	1.7	S3 passive	ERG	0.051510246	110335	6.0 inHg	0062524-03
S3	06/20/20	0.177		2	NW	321	1.5	S3 passive	ERG	0.051510246	18865	6.9 inHg	0062611-03
S3	06/26/20	1.545		LK, 2	W	275	3.5	S3 passive	ERG	0.051510246	5081	6.4 inHg	0070604-03
S3	07/02/20	0.761		LK, 2	WNW	301	2.1	S3 passive	ERG	0.051510246	SAT110	7.0 inHg	0070929-03
S3	07/08/20	0.445		2	W	280	1	S3 passive	ERG	0.051510246	SAT009	6.1 inHg	0071532-03
S3	07/14/20	0.267		2	WSW	253	1.3	S3 passive	ERG	0.051510246	18864	6.8 inHg	0072413-03
S3	07/20/20	0.889			WSW	258	1	S3 passive	ERG	0.051510246	19291	2.3 inHg	0072930-03
S3	07/26/20	1.258		LK	NNW	340	0.9	S3 passive	ERG	0.051510246	5142	4.1 inHg	0080535-03
S3	08/01/20	0.589		LK	SW	216	2.9	S3 passive	ERG	0.051510246	18872	2.5 inHg	0081226-03
S3	08/07/20	1.493			NE	50	1.7	S3 passive	ERG	0.051510246	SAT014	2.6 inHg	0081932-03
S3	08/13/20	0.909			ESE	109	1.7	S3 passive	ERG	0.051510246	19663	5.9 inHg	0082116-03
S3	08/19/20	2.458		2	SE	125	1.9	S3 passive	ERG	0.051510246	19279	8.1 inHg	0082740-03
S3	08/31/20	0.352			WSW	238	0.7	S3 passive	ERG	0.051510246	18828	1.8 inHg	0090831-03
S3	09/06/20	0.853			ENE	57	1.7	S3 passive	ERG	0.051510246	SAT061	1.3 inHg	0092336-03
S3	09/12/20	1.674			ESE	105	2.6	S3 passive	ERG	0.051510246	SAT056	2.9 inHg	0092336-06
S3	09/18/20	0.262			NNW	331	2.4	S3 passive	ERG	0.051510246	33233	2.5 inHg	0092509-03
S3	09/24/20	0.466			ESE	104	4.1	S3 passive	ERG	0.051510246	A21073	2.6 inHg	0100211-03
S3	09/30/20	0.831		LK	WNW	283	1.8	S3 passive	ERG	0.051510246	5075	4.7 inHg	0100832-03
S3	10/06/20	0.378			E	87	1.2	S3 passive	ERG	0.051510246	A21083	3.2 inHg	0101529-03

S3	10/12/20		2.512			WNW	283	1.9	S3 passive	ERG	0.051510246	35131	4.8 inHg	0102302-03
S3	10/24/20		0.221		2	N	3	1.1	S3 passive	ERG	0.051510246	19666	11.0 inHg	0110518-03
S3	11/05/20		0.273			E	93	0.8	S3 passive	ERG	0.051510246	SAT174	2.9 inHg	0111209-03
S3	11/11/20		0.522			S	170	1.3	S3 passive	ERG	0.051510246	SAT156	5.8 inHg	0112512-03
S3	11/17/20		0.275			NW	314	4.7	S3 passive	ERG	0.051510246	35117	3.3 inHg	0112512-07
S3	11/23/20		0.057			NW	316	3.5	S3 passive	ERG	0.051510246	33309	3.2 inHg	0120410-05
S3	11/29/20		0.266		LK	ESE	103	2.8	S3 passive	ERG	0.051510246	5110	5.1 inHg	0120410-06
S3	12/05/20		0.244		LK	WNW	291	3.5	S3 passive	ERG	0.051510246	SAT158	2.4 inHg	0121638-03
S3	12/11/20		0.257		LK	SSE	148	1	S3 passive	ERG	0.051510246	5086	4.9 inHg	0122325-03
S3	12/17/20		0.085			WNW	293	4.8	S3 passive	ERG	0.051510246	110314	1.9 inHg	0122408-03
S3	12/23/20		0.058			ESE	114	3.3	S3 passive	ERG	0.051510246	114340	3.2 inHg	1010627-03
S3	12/29/20		0.284			E	100	2	S3 passive	ERG	0.051510246	SAT076	3.9 inHg	1010523-03
S3	01/04/21		0.278			SSW	292	1.9	S3 passive	ERG	0.051510246	A21047	3.7 inHg	1011515-03
S3	01/10/21		0.184			ENE	60	1.5	S3 passive	ERG	0.051510246	SAT068	1.5 inHg	1012724-03
S3	01/16/21		0.108		LK	W	268	4.4	S3 passive	ERG	0.051510246	35118	2.5 inHg	1012724-08
S3	01/28/21		0.000		ND, U	NW	317	6.6	S3 passive	ERG	0.051510246	35119	2.8 inHg	1020424-03
S3	02/03/21		0.000		ND, U	NW	308	4.2	S3 passive	ERG	0.047172541	110335	2.3 inHg	1021021-04
S3	02/09/21		0.291			ENE	69	1.5	S3 passive	ERG	0.047172541	SAT076	3.8 inHg	1021828-04
S3	02/15/21		0.502		D-F, 2	E	98	3.7	S3 passive	ERG	0.047172541	SAT114	6.8 inHg	1030328-03
S3	02/15/21	QA	0.369		D-F, LK	E	98	3.7	S3 passive QA	ERG	0.047172541	SAT150	1.0 inHg	1030328-04
S3	02/21/21		0.564			ESE	122	4.3	S3 passive	ERG	0.047172541	SAT075	5.9 inHg	1030328-08
S3	02/27/21		0.752		LK	ESE	107	2.4	S3 passive	ERG	0.047172541	AZ38	2.8 inHg	1031120-02
S3	03/05/21			AF		NW	322	3.2	S3 passive	ERG	0.0472		Did not Collect	No sample ID possible
S3	03/11/21		0.678		LK	SSW	194	1.6	S3 passive	ERG	0.047172541	AZ39	3.7 inHg	1031638-03
S3	03/17/21		0.199			ESE	103	3.1	S3 passive	ERG	0.047172541	110322	5.2 inHg	1032431-03
S3	03/23/21		0.367		LK	ESE	110	4.3	S3 passive	ERG	0.047172541	SAT081	3.6 inHg	1040821-03
S3	03/29/21		0.089			NNW	343	2.1	S3 passive	ERG	0.047172541	18870	4.8 inHg	1041340-02
S3	04/04/21		0.130			WNW	291	1.7	S3 passive	ERG	0.047172541	19643	2.1 inHg	1042219-02
S3	04/10/21		0.146			SSE	161	3.8	S3 passive	ERG	0.047172541	114386	4.5 inHg	1042219-06
S3	04/16/21		0.369			NNW	333	2.2	S3 passive	ERG	0.047172541	A21109	4.1 inHg	1042935-04
S3	04/22/21		0.095			WNW	290	1.7	S3 passive	ERG	0.047172541	33512	2.0 inHg	1050323-01
S3	04/28/21		0.173			SSW	204	1.7	S3 passive	ERG	0.047172541	110308	5.0 inHg	1051246-05
S3	05/04/21		0.138			SSW	200	2.5	S3 passive	ERG	0.047172541	114340	4.9 inHg	1051939-04
S3	05/10/21		0.334			W	278	3	S3 passive	ERG	0.047172541	110305	4.8 inHg	1051939-07
S3	05/16/21		0.938			SSW	198	1.2	S3 passive	ERG	0.047172541	A21017	4.1 inHg	1060325-04
S3	05/22/21		0.985			ENE	69	1.1	S3 passive	ERG	0.047172541	A21078	3.7 inHg	1060241-03
S3	05/28/21		0.253			SW	232	3.2	S3 passive	ERG	0.047172541	19664	4.9 inHg	1060837-03
S4	09/24/19		0.372		LK, 2	NW, W	304	2.5	S4 passive	ERG	0.045184426	5117	8.1 inHg	9092733-04
S4	09/26/19		0.707		LK, 2	NW	313	1.7	S4 passive	ERG	0.045184426	5026	8.1 inHg	9100318-06
S4	09/30/19		0.248		LK	N	7	0.9	S4 passive	ERG	0.045184426	SAT081	2.1 inHg	9100318-07
S4	10/03/19		1.155		LK	WNW	303	0.8	S4 passive	ERG	0.045184426	N4120	2.9 inHg	9100921-08
S4	10/06/19		0.060			E	87	3.8	S4 passive	ERG	0.045184426	A21078	1.9 inHg	9100921-10
S4	10/12/19		0.213		LK	NW	304	2.2	S4 passive	ERG	0.045184426	5012	1.9 inHg	9101802-04
S4	10/18/19		0.154		LK	E	85	2.3	S4 passive	ERG	0.045184426	5138	2.0 inHg	9102414-04
S4	10/24/19		0.000		U, ND	E	85	1.8	S4 passive	ERG	0.045184426	19646	2.0 inHg	9103068-04
S4	11/20/19		0.147		LK	NW	310	3.2	S4 passive	ERG	0.045184426	A22329	2.0 inHg	9112204-04
S4	11/23/19		0.097			WSW	244	4.2	S4 passive	ERG	0.045184426	A21108	2.8 inHg	9112712-04
S4	11/29/19		0.120		LK	NW	317	1.3	S4 passive	ERG	0.045184426	5129	3.2 inHg	9120611-04
S4	12/05/19		0.164		LK, 2	WNW	295	2.1	S4 passive	ERG	0.045184426	5044	1.0 inHg	9121206-04
S4	01/04/20		1.580		2	WNW	285	7.3	S4 passive	ERG	0.045184426	A21002	4.1 inHg	0011422-03
S4	01/10/20		0.546		LK	ESE	104	5.5	S4 passive	ERG	0.045184426	SAT087	4.6 inHg	0011617-04

S4	01/16/20		0.432		LK	NW	311	5.4	S4 passive	ERG	0.045184426	SAT157	5.5 inHg	0012315-04
S4	01/22/20		0.162			ENE	78	2.2	S4 passive	ERG	0.045184426	SAT078	2.1 inHg	0013009-04
S4	01/22/20	QA	0.176			ENE	78	2.2	S4 passive QA	ERG	0.045184426	A21025	2.0 inHg	0013009-05
S4	02/03/20		0.380			SSW	211	1.9	S4 passive	ERG	0.045184426	19664	3.9 inHg	0021216-04
S4	02/09/20		0.340			ESE	103	3	S4 passive	ERG	0.045184426	A21042	2.2 inHg	0021825-04
S4	02/15/20		0.450			E	93	2.4	S4 passive	ERG	0.045184426	A21051	4.0 inHg	0022612-04
S4	02/15/20	QA	0.416			E	93	2.4	S4 passive QA	ERG	0.045184426	49	2.2 inHg	0022527-01
S4	02/21/20		0.151		LK	NW	321	2.7	S4 passive	ERG	0.045184426	A21011	2.3 inHg	0030235-04
S4	02/27/20		0.325		LK	WNW	301	5.1	S4 passive	ERG	0.045184426	A21067	1.7 inHg	0030536-03
S4	03/04/20		0.616			WSW	241	1.6	S4 passive	ERG	0.051510246	A21094	3.2 inHg	0031013-02
S4	03/10/20		0.298			SSW	197	2.1	S4 passive	ERG	0.051510246	A21040	3.5 inHg	0031722-03
S4	03/28/20		0.405			SW	220	2.8	S4 passive	ERG	0.051510246	A21084	2.3 inHg	0040817-04
S4	03/28/20	QA	0.361		LK, 2	SW	220	2.8	S4 passive QA	ERG	0.051510246	5080	6.2 inHg	0040817-05
S4	04/03/20		0.401		LK	WNW	284	1.7	S4 passive	ERG	0.051510246	5116	1.2 inHg	0041003-04
S4	04/09/20		0.683			WNW	292	5	S4 passive	ERG	0.051510246	A21017	1.2 inHg	0041620-04
S4	04/21/20	QA	0.960		2	WNW	288	4.4	S4 passive QA	ERG	0.051510246	SAT182	4.3 inHg	0050113-05
S4	05/03/20		1.164			WSW	255	2.6	S4 passive	ERG	0.051510246	SAT058	2.5 inHg	0051409-04
S4	05/09/20		0.531		LK	NW	320	3.6	S4 passive	ERG	0.051510246	5124	1.0 inHg	0051505-03
S4	05/09/20	QA	0.718			NW	320	3.6	S4 passive QA	ERG	0.051510246	SAT071	1.2 inHg	0051505-04
S4	05/15/20		0.293			SE	130	3.2	S4 passive	ERG	0.051510246	A21025	1.9 inHg	0052846-04
S4	05/21/20		0.260			E	85	1.7	S4 passive	ERG	0.051510246	A22328	1.0 inHg	0052917-05
S4	06/02/20		0.904			S	185	1.7	S4 passive	ERG	0.051510246	SAT018	1.2 inHg	0061733-04
S4	06/08/20		0.712		LK	ESE	120	4.4	S4 passive	ERG	0.051510246	5106	1.8 inHg	0061733-08
S4	06/20/20		0.488			NW	321	1.5	S4 passive	ERG	0.051510246	A21095	1.4 inHg	0062611-04
S4	06/26/20		0.779		LK	W	275	3.5	S4 passive	ERG	0.051510246	5091	1.0 inHg	0070604-04
S4	07/02/20		0.849		LK	WNW	301	2.1	S4 passive	ERG	0.051510246	A21015	1.2 inHg	0070929-04
S4	07/26/20		0.535			NNW	340	0.9	S4 passive	ERG	0.051510246	49	4.7 inHg	0080535-04
S4	08/01/20		0.828		LK	SW	216	2.9	S4 passive	ERG	0.051510246	5106	5.1 inHg	0081226-04
S4	08/07/20		0.595		D-F	NE	50	1.7	S4 passive	ERG	0.051510246	35131	4.0 inHg	0081932-04
S4	08/13/20		0.737		2	ESE	109	1.7	S4 passive	ERG	0.051510246	A21056	7.8 inHg	0082116-04
S4	08/19/20			AO		SE	125	1.9	S4 passive	ERG	0.0515	A21069	17.1 inHg	0082740-04
S4	08/25/20			DA		E	97	1.2	S4 passive	ERG	0.0515	A21084	11.8 inHg	0090237-04
S4	08/31/20			AA		WSW	238	0.7	S4 passive	ERG	0.0515	A21077	16.8 inHg	0090831-04
S4	09/06/20			AN		ENE	57	1.7	S4 passive	ERG		SAT173	29.2 inHg	0092336-08
S4	09/18/20	QA	1.216			NNW	331	2.4	S4 passive QA	ERG	0.051510246	44	5.0 inHg	0092509-05
S4	09/24/20		0.372			ESE	104	4.1	S4 passive	ERG	0.051510246	A21088	1.0 inHg	0100211-04
S4	09/30/20		0.358		LK	WNW	283	1.8	S4 passive	ERG	0.051510246	5093	2.8 inHg	0100832-04
S4	10/06/20		0.175			E	87	1.2	S4 passive	ERG	0.051510246	18873	1.9 inHg	0101529-04
S4	10/12/20		0.784		LK	WNW	283	1.9	S4 passive	ERG	0.051510246	22325	3.1 inHg	0102302-04
S4	10/18/20		0.000		U, ND	E	94	2.4	S4 passive	ERG	0.051510246	114366	1.6 inHg	0102914-04
S4	10/24/20		0.333			N	3	1.1	S4 passive	ERG	0.051510246	A21021	5.0 inHg	0110518-04
S4	10/30/20		0.345			NW	310	4.8	S4 passive	ERG	0.051510246	A21106	1.6 inHg	0110923-03
S4	10/30/20	QA	0.102			NW	310	4.8	S4 passive QA	ERG	0.051510246	19660	3.5 inHg	0110923-04
S4	11/05/20		0.186			E	93	0.8	S4 passive	ERG	0.051510246	A21055	1.3 inHg	0111209-04
S4	11/11/20		0.896		LK	S	170	1.3	S4 passive	ERG	0.051510246	SAT023	4.8 inHg	0112512-04
S4	11/23/20		0.062			NW	316	3.5	S4 passive	ERG	0.051510246	A21044	1.9 inHg	0120410-07
S4	11/29/20		0.106			ESE	103	2.8	S4 passive	ERG	0.051510246	A21074	4.6 inHg	0120410-08
S4	12/05/20			AL		WNW	291	3.5	S4 passive	ERG		SAT148	26.9 inHg	0121714-01
S4	12/11/20		0.587			SSE	148	1	S4 passive	ERG	0.051510246	A21006	2.8 inHg	0122325-04
S4	12/17/20		0.171			WNW	293	4.8	S4 passive	ERG	0.051510246	A21058	4.8 inHg	0122408-04
S4	12/23/20		0.151			ESE	114	3.3	S4 passive	ERG	0.051510246	35139	2.1 inHg	1010627-04
S4	12/29/20		0.137			E	100	2	S4 passive	ERG	0.051510246	114344	2.9 inHg	1010523-04

S4	01/04/21		0.128			SSW	292	1.9	S4 passive	ERG	0.051510246	A21050	2.2 inHg	1011515-04
S4	01/16/21		0.066			W	268	4.4	S4 passive	ERG	0.051510246	19647	2.1 inHg	1012724-09
S4	01/22/21		0.537		LK	NNW	329	1	S4 passive	ERG	0.051510246	5040	2.9 inHg	1020318-04
S4	01/28/21		0.000		ND, U	NW	317	6.6	S4 passive	ERG	0.051510246	A21109	2.3 inHg	1020424-04
S4	02/03/21		0.070			NW	308	4.2	S4 passive	ERG	0.047172541	110322	1.9 inHg	1021021-05
S4	02/09/21		0.235			ENE	69	1.5	S4 passive	ERG	0.047172541	213	2.0 inHg	1021828-05
S4	02/15/21		0.376		D-F	E	98	3.7	S4 passive	ERG	0.047172541	SAT145	2.8 inHg	1030328-05
S4	02/27/21		0.199			ESE	107	2.4	S4 passive	ERG	0.047172541	A21065	4.1 inHg	1031120-03
S4	03/05/21			AF		NW	322	3.2	S4 passive	ERG	0.0472		Did not Collect	No sample ID possible
S4	03/11/21		0.255			SSW	194	1.6	S4 passive	ERG	0.047172541	A21053	5.2 inHg	1031638-04
S4	03/17/21		0.224			ESE	103	3.1	S4 passive	ERG	0.047172541	A21101	4.2 inHg	1032431-04
S4	03/23/21		0.873		LK, D-F	ESE	110	4.3	S4 passive	ERG	0.047172541	SAT029	5.0 inHg	1040821-04
S4	03/23/21	QA	0.605		LK, D-F	ESE	110	4.3	S4 passive QA	ERG	0.047172541	SAT043	4.9 inHg	1040821-05
S4	03/29/21		0.246			NNW	343	2.1	S4 passive	ERG	0.047172541	A21098	5.9 inHg	1041340-05
S4	04/04/21		0.116			WNW	291	1.7	S4 passive	ERG	0.047172541	18828	3.9 inHg	1042219-03
S4	04/10/21		0.327			SSE	161	3.8	S4 passive	ERG	0.047172541	A21108	5.9 inHg	1042219-07
S4	04/16/21		0.437		LK	NNW	333	2.2	S4 passive	ERG	0.047172541	A21033	5.2 inHg	1042935-03
S4	04/22/21		0.316		2, D-F	WNW	290	1.7	S4 passive	ERG	0.047172541	111219	6.1 inHg	1050719-01
S4	04/22/21	QA	0.495		D-F	WNW	290	1.7	S4 passive QA	ERG	0.047172541	18880	5.8 inHg	1043024-03
S4	04/28/21		0.273		2	SSW	204	1.7	S4 passive	ERG	0.047172541	A21026	6.5 inHg	1051246-04
S4	05/04/21		0.490			SSW	200	2.5	S4 passive	ERG	0.047172541	A22304	5.8 inHg	1051939-03
S4	05/10/21		0.174		2	W	278	3	S4 passive	ERG	0.047172541	110258	6.1 inHg	1051939-08
S4	05/16/21		0.105			SSW	198	1.2	S4 passive	ERG	0.047172541	19647	5.8 inHg	1060325-05
S4	05/22/21		0.109			ENE	69	1.1	S4 passive	ERG	0.047172541	19295	5.1 inHg	1060325-06
S4	05/28/21		0.354		LK, 2	SW	232	3.2	S4 passive	ERG	0.047172541	A21005	6.2 inHg	1060925-04
S4	05/28/21	QA	0.249		LK, 2	SW	232	3.2	S4 passive QA	ERG	0.047172541	A21104	6.3 inHg	1060837-05
S6	12/23/19			AN		ENE	67	4.7	S6 passive				Did not Collect	No sample ID possible
S6	12/31/19		0.137		LK	W	275	6.2	S6 passive	ERG	0.045184426	5059	1.2 inHg	0010716-04
S6	05/15/20		0.857		LK	SE	130	3.2	S6 passive	ERG	0.051510246	SAT088	3.5 inHg	0052846-05
S6	06/20/20		0.240		2	NW	321	1.5	S6 passive	ERG	0.051510246	18883	8.1 inHg	0062611-05
S6	07/20/20		0.302			WSW	258	1	S6 passive	ERG	0.051510246	19277	1.6 inHg	0072930-05
S6	12/23/20		0.055			ESE	114	3.3	S6 passive	ERG	0.051510246	18874	1.3 inHg	1010722-01
S7	12/23/19			AN		ENE	67	4.7	S7 passive				Did not Collect	No sample ID possible
S7	12/23/19			AN					S7 passive	ERG		5024	VOID	0010324-03
S7	01/04/20			AF		WNW	285	7.3	S7 passive	ERG		SAT176	25.1 inHg	0011422-05
S7	01/22/20		0.100		U	ENE	78	2.2	S7 passive	ERG	0.0452	18831	1.0 inHg	0012928-01
S7	02/27/20		0.151		LK	WNW	301	5.1	S7 passive	ERG	0.045184426	18884	2.4 inHg	0030605-02
S7	03/28/20		0.336		2	SW	220	2.8	S7 passive	ERG	0.051510246	18876	8.1 inHg	0040817-06
S7	04/27/20		0.414			WNW	302	3.5	S7 passive	ERG	0.051510246	18878	4.8 inHg	0050617-04
S7	05/15/20		1.460		LK, 2	SE	130	3.2	S7 passive	ERG	0.051510246	5075	8.9 inHg	0052846-06
S7	05/27/20		1.092		LK, 2	E	90	3.2	S7 passive	ERG	0.051510246	SAT109	7.1 inHg	0060506-05
S7	08/19/20			AF		SE	125	1.9	S7 passive				Did not Collect	No sample ID possible
S7	09/24/20		0.371			ESE	104	4.1	S7 passive	ERG	0.051510246	SAT179	4.9 inHg	0100211-05
S7	10/30/20		0.197			NW	310	4.8	S7 passive	ERG	0.051510246	A21040	3.5 inHg	0110604-02
S7	11/23/20		0.093			NW	316	3.5	S7 passive	ERG	0.051510246	33503	2.0 inHg	0120410-10
S7	12/23/20			AN					S7 passive	ERG	0.0515	A21103	29.6 inHg	1010523-05
S7	02/27/21		0.087			ESE	107	2.4	S7 passive	ERG	0.047172541	A21074	1.5 inHg	1031120-04
S7	03/29/21		0.134		2	NNW	343	2.1	S7 passive	ERG	0.047172541	18881	6.1 inHg	1041340-04

S7	04/28/21		0.486		2	SSW	204	1.7	S7 passive	ERG	0.047172541	SAT012	7.0 inHg	1051246-03
S7	05/22/21		0.237		LK	ENE	69	1.1	S7 passive	ERG	0.047172541	33544	5.8 inHg	1060325-07
South DeKalb	08/13/19		0.096			SW	225	0.1	South DeKalb ATEC	ERG	0.045184426	114308	14 psig	9082209-03
South DeKalb	08/16/19		0.112			WNW	288	0.2	South DeKalb ATEC	ERG	0.045184426	S/N00013	12 psig	9082209-01
South DeKalb	08/16/19	QA	0.195		LK	WNW	288	0.2	South DeKalb ATEC QA	ERG	0.045184426	S/N00012	12 psig	9082209-02
South DeKalb	09/04/19		0.101			NE	35	0.1	South DeKalb ATEC	ERG	0.045184426	110335	8 psig	9091129-01
South DeKalb	09/19/19		0.095		2	ESE	105	0.7	South DeKalb passive	ERG	0.045184426	18826	11.2 psig	9092560-01
South DeKalb	09/20/19		0.157			ESE	107	0.4	South DeKalb ATEC	ERG	0.045184426	114369	12 psig	9092609-01
South DeKalb	09/24/19		0.347		LK,2	WNW	303	0.2	South DeKalb passive	ERG	0.045184426	5004	7.2 inHg	9092728-01
South DeKalb	09/26/19		0.329		LK, 2	NW	324	0.1	South DeKalb passive	ERG	0.045184426	5063	6.3 inHg	9100319-02
South DeKalb	09/30/19		0.240			W	264	0.1	South DeKalb passive	ERG	0.045184426	A21046	0.7 inHg	9100319-01
South DeKalb	10/03/19		0.289		LK	WNW	297	0.1	South DeKalb passive	ERG	0.045184426	SAT099	2.2 inHg	9100923-01
South DeKalb	10/06/19		0.144			ENE	78	0.6	South DeKalb passive	ERG	0.045184426	SAT158	2.5 inHg	9100923-02
South DeKalb	10/12/19		0.327		LK	WNW	286	0.3	South DeKalb passive	ERG	0.045184426	A21103	3.0 inHg	9102315-01
South DeKalb	10/19/19		0.097			ENE	69	0.8	South DeKalb passive	ERG	0.045184426	A21013	2.2 inHg	9102508-01
South DeKalb	10/24/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/27/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/30/19		0.130			SE	127	0.1	South DeKalb passive	ERG	0.045184426	A21009	4.6 inHg	9110119-01
South DeKalb	11/01/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/03/19			AF					South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	11/05/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/08/19		0.139			NW	306	0.3	South DeKalb passive	ERG	0.045184426	A21025	3.1 inHg	9111413-01
South DeKalb	11/13/19		0.129			E	93	0.6	South DeKalb passive	ERG	0.045184426	SAT123	1.9 inHg	9111510-01
South DeKalb	11/15/19		0.260		LK	N	2	0.1	South DeKalb passive	ERG	0.045184426	5133	2.2 inHg	9111924-01
South DeKalb	11/20/19		0.748		LK	WNW	298	0.2	South DeKalb passive	ERG	0.045184426	5026	3.8 inHg	9120424-01
South DeKalb	12/05/19		0.162		LK	WNW	296	0.2	South DeKalb passive	ERG	0.045184426	49	3.6 inHg	9121208-01
South DeKalb	12/08/19		0.048		LK	E	92	1.5	South DeKalb passive	ERG	0.045184426	A21054	4.1 inHg	9121208-02

South DeKalb	12/11/19		0.034		U	NW	323	0.4	South DeKalb passive	ERG	0.045184426	18864	3.2 inHg	9121842-01
South DeKalb	12/14/19		0.217		LK	WNW	288	0.8	South DeKalb passive	ERG	0.045184426	SAT075	3.2 inHg	9121842-02
South DeKalb	12/17/19		0.153		LK	WNW	292	0.6	South DeKalb passive	ERG	0.045184426	5015	5.6 inHg	9122018-01
South DeKalb	12/23/19			AN		ENE	65	1.5	South DeKalb passive	ERG		9570	VOID	0010324-01
South DeKalb	12/31/19		0.128		LK	WNW	287	1.2	South DeKalb passive	ERG	0.045184426	5004	1.4 inHg	0010718-02
South DeKalb	01/10/20			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	01/16/20		0.242		LK	NW	306	0.6	South DeKalb passive	ERG	0.045184426	SAT178	5.7 inHg	0012314-01
South DeKalb	01/22/20		0.418			E	86	0.4	South DeKalb passive	ERG	0.045184426	A21100	2.9 inHg	0020428-01
South DeKalb	01/28/20		0.457		LK	WNW	293	0.5	South DeKalb passive	ERG	0.045184426	5018	3.3 inHg	0020523-02
South DeKalb	01/28/20			AN		WNW	293	0.5	South DeKalb passive	ERG		18828	28.9 inHg	0020523-01
South DeKalb	02/03/20		0.318			SW	224	0.4	South DeKalb passive	ERG	0.045184426	A21058	5.3 inHg	0021217-01
South DeKalb	02/03/20	QA	0.275			SW	224	0.4	South DeKalb passive QA	ERG	0.045184426	A21032	2.9 inHg	0021312-01
South DeKalb	02/09/20			SC		ESE	104	0.8	South DeKalb passive	ERG	0.045184426	A21070	3.2 inHg	0022018-01
South DeKalb	02/15/20		0.466		LK	E	97	0.5	South DeKalb passive	ERG	0.045184426	SAT164	4.1 inHg	0022424-01
South DeKalb	02/21/20		0.165			N	357	0.2	South DeKalb passive	ERG	0.045184426	18870	3.3 inHg	0022815-01
South DeKalb	03/04/20		0.213			NW	319	0.1	South DeKalb passive	ERG	0.051510246	19284	4.7 inHg	0031323-01
South DeKalb	03/04/20	QA	0.859		LK	NW	319	0.1	South DeKalb passive QA	ERG	0.051510246	SAT137	5.8 inHg	0031323-02
South DeKalb	03/10/20	QA	0.242			SW	215	0.3	South DeKalb ATEC QA	ERG	0.051510246	SAT117	13.2 inHg	0031837-01
South DeKalb	03/16/20		0.459			E	84	0.9	South DeKalb passive	ERG	0.051510246	SAT016	4.5 inHg	0032320-01
South DeKalb	03/22/20		0.146			E	90	0.8	South DeKalb passive	ERG	0.051510246	SAT120	3.3 inHg	0040114-01
South DeKalb	03/22/20	QA	0.296			E	90	0.8	South DeKalb ATEC QA	ERG	0.051510246	A21101	12.9 psi	0040114-02
South DeKalb	03/28/20		0.369		2	SW	235	0.6	South DeKalb passive	ERG	0.051510246	44	6.2 inHg	0040815-01
South DeKalb	04/03/20		0.998		LK	W	278	0.3	South DeKalb passive	ERG	0.051510246	5029	4.9 inHg	0041004-01
South DeKalb	04/09/20		0.151			WNW	291	1	South DeKalb passive	ERG	0.051510246	18873	5.5 inHg	0041708-01
South DeKalb	04/15/20			AA		NW	306	0.5	South DeKalb ATEC	ERG	0.051510246	A21042	27.56	0042221-02
South DeKalb	04/21/20		0.844		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21071	13.1 inHg	0050115-01

South DeKalb	04/27/20		0.916		LK, 2	WNW	291	0.5	South DeKalb passive	ERG	0.051510246	5121	6.3 inHg	0050618-01
South DeKalb	05/03/20		0.398		LK, 2	WSW	255	0.4	South DeKalb passive	ERG	0.051510246	5102	7.1 inHg	0051325-01
South DeKalb	05/03/20	QA	0.604		LK	WSW	255	0.4	South DeKalb passive QA	ERG	0.051510246	22325	4.1 inHg	0051325-02
South DeKalb	05/09/20		0.156		2	WNW	291	0.3	South DeKalb passive	ERG	0.051510246	SAT130	4.1 inHg	0051507-01
South DeKalb	05/21/20		0.202			ESE	111	0.2	South DeKalb passive	ERG	0.051510246	A21013	5.0 inHg	0052916-01
South DeKalb	05/27/20			AO		E	93	0.5	South DeKalb passive	ERG		A21080	18.2 inHg	0060509-01
South DeKalb	06/02/20		0.531			S	177	0.2	South DeKalb passive	ERG	0.051510246	A21001	1.5 inHg	0061041-01
South DeKalb	06/02/20	QA	0.142			S	177	0.2	South DeKalb passive QA	ERG	0.051510246	33297	4.0 inHg	0061041-02
South DeKalb	06/08/20		1.151			ESE	110	0.7	South DeKalb passive	ERG	0.051510246	35117	3.0 inHg	0061734-01
South DeKalb	06/14/20		0.394		LK	ESE	119	0.1	South DeKalb passive	ERG	0.051510246	5119	3.8 inHg	0061906-01
South DeKalb	06/20/20		0.821			WNW	295	0.2	South DeKalb passive	ERG	0.051510246	A21047	2.0 inHg	0070605-01
South DeKalb	06/26/20		0.598			WNW	289	0.7	South DeKalb passive	ERG	0.051510246	A21071	2.9 inHg	0070841-01
South DeKalb	07/02/20		0.801		LK	WNW	283	0.1	South DeKalb passive	ERG	0.051510246	5006	3.7 inHg	0070931-01
South DeKalb	07/02/20	QA	0.929		LK	WNW	283	0.1	South DeKalb passive QA	ERG	0.051510246	SAT151	4.9 inHg	0070931-02
South DeKalb	07/08/20		0.815			SW	233	0.05	South DeKalb passive	ERG	0.051510246	SAT016	2.1 inHg	0071714-01
South DeKalb	07/14/20		1.075		LK	W	263	0.1	South DeKalb passive	ERG	0.051510246	5104	3.2 inHg	0072415-01
South DeKalb	07/20/20		3.759			WSW	251	0.1	South DeKalb passive	ERG	0.051510246	A21050	2.0 inHg	0072932-01
South DeKalb	07/26/20		0.513			SW	214	0.1	South DeKalb passive	ERG	0.051510246	SAT064	2.8 inHg	0080537-01
South DeKalb	08/01/20	QA	0.455			SSW	211	0.3	South DeKalb passive QA	ERG	0.051510246	A21065	1.5 inHg	0081409-03
South DeKalb	08/07/20		0.951			SSE	168	0.1	South DeKalb passive	ERG	0.051510246	A21098	1.0 inHg	0081409-02
South DeKalb	08/13/20		2.910		LK	W	272	0.1	South DeKalb passive	ERG	0.051510246	SAT077	5.5 inHg	0082119-01
South DeKalb	08/19/20		0.741			SE	129	0.2	South DeKalb passive	ERG	0.051510246	33503	3.3 inHg	0082741-01
South DeKalb	08/25/20		0.410			E	85	0.1	South DeKalb passive	ERG	0.051510246	19660	1.7 inHg	0090240-01
South DeKalb	09/12/20		0.624		LK	ESE	103	0.5	South DeKalb passive	ERG	0.051510246	5062	4.2 inHg	0092334-01
South DeKalb	09/18/20		0.325		LK, 2, D-F	WNW	292	0.1	South DeKalb passive	ERG	0.051510246	19300	1.1 inHg	0093026-03
South DeKalb	09/18/20			DA		WNW	292	0.1	South DeKalb passive	ERG	0.051510246	35149	VOID	0093026-01

South DeKalb	09/24/20		0.385		LK	E	101	0.6	South DeKalb passive	ERG	0.051510246	5072	1.6 inHg	0093026-02
South DeKalb	10/06/20		0.533		LK, D-F	ESE	108	0.1	South DeKalb passive	ERG	0.051510246	5073	2.3 inHg	0101531-01
South DeKalb	10/06/20	QA	0.701		LK, D-F, 2	ESE	108	0.1	South DeKalb passive QA	ERG	0.051510246	5066	6.1 inHg	0101531-02
South DeKalb	10/12/20		0.242			W	281	0.3	South DeKalb passive	ERG	0.051510246	18876	1.8 inHg	0101606-01
South DeKalb	10/24/20		0.699		2	SE	140	0.1	South DeKalb passive	ERG	0.051510246	A21089	9.5 inHg	0103007-01
South DeKalb	11/05/20	QA	0.183			ESE	110	0.1	South DeKalb passive QA	ERG	0.051510246	A21015	3.8inhg	0111825-03
South DeKalb	11/11/20		0.464		LK	ESE	106	0.1	South DeKalb passive	ERG	0.051510246	SAT151	5.0 inHg	0111825-02
South DeKalb	11/17/20		0.134			NW	307	0.5	South DeKalb passive	ERG	0.051510246	A21025	3.0 inHg	0112514-01
South DeKalb	11/23/20		0.222		LK	NW	312	0.5	South DeKalb passive	ERG	0.051510246	5006	5.5 inHg	0120413-01
South DeKalb	11/29/20		0.314		LK	E	89	0.7	South DeKalb passive	ERG	0.051510246	5100	5.1 inHg	0121015-01
South DeKalb	12/11/20		0.140			ESE	118	0.1	South DeKalb passive	ERG	0.051510246	A21036	1.9 inHg	0122328-01
South DeKalb	12/11/20	QA	0.217			ESE	118	0.1	South DeKalb passive QA	ERG	0.051510246	35136	4 inHg	0122328-02
South DeKalb	12/17/20		0.289		LK	WNW	293	1	South DeKalb passive	ERG	0.051510246	22325	1.8 inHg	0123027-01
South DeKalb	12/23/20		0.091			ESE	109	0.6	South DeKalb passive	ERG	0.051510246	114348	3.8 inHg	1010628-01
South DeKalb	12/23/20		0.103			ESE	109	0.6	South DeKalb ATEC	ERG	0.051510246	110305	10psig	1010721-01
South DeKalb	12/29/20			AK		E	98	0.2	South DeKalb ATEC	ERG		SAT007	VOID	1011328-01
South DeKalb	12/29/20		0.091			E	98	0.2	South DeKalb passive	ERG	0.051510246	114329	3.9 inHg	1011328-02
South DeKalb	01/04/21		0.081			WNW	287	0.3	South DeKalb passive	ERG	0.051510246	35152	2.1 inHg	1011328-03
South DeKalb	01/04/21	QA		SC		WNW	287	0.3	South DeKalb passive QA	ERG	0.051510246	35124	VOID	1011328-04
South DeKalb	01/10/21		0.000		U, ND	SE	130	0.1	South DeKalb ATEC	ERG	0.051510246	33309	11.9 psig	1012128-01
South DeKalb	01/10/21		0.171		2	SE	130	0.1	South DeKalb passive	ERG	0.051510246	A21001		1012128-02
South DeKalb	01/16/21		0.052		2	WNW	287	0.8	South DeKalb ATEC	ERG	0.051510246	33496	12.4 psig	1012725-02
South DeKalb	01/16/21		0.130		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21108		1012725-01
South DeKalb	01/22/21		0.264		LK, 2, 1, 6	W	271	0.3	South DeKalb ATEC	ERG	0.051510246	SAT129	12.8 psig	1012902-02
South DeKalb	01/28/21		0.258		2, 1 ,6	NW	319	1.2	South DeKalb ATEC	ERG	0.051510246	SAT025	12.9 psig	1020518-02
South DeKalb	02/03/21			AA		WNW	302	0.8	South DeKalb passive	ERG	0.047172541	AQL0397	VOID	1021209-01

South DeKalb	02/03/21			AF		WNW	302	0.8	South DeKalb ATEC	ERG		114370	Did not Collect	AK67641
South DeKalb	02/09/21			AF		ENE	60	0.1	South DeKalb ATEC	ERG			Did not Collect	No sample ID possible
South DeKalb	02/09/21		0.389		LK, 2	ENE	60	0.1	South DeKalb passive	ERG	0.047172541	SAT112	6.2 inHg	1021909-03
South DeKalb	02/15/21		0.043		1, 6, VB	E	94	0.9	South DeKalb ATEC	ERG	0.047172541	2767	12.9 psig	1022212-02
South DeKalb	02/15/21		0.193		1, 6	E	94	0.9	South DeKalb passive	ERG	0.047172541	35135	4.9 inHg	1022212-01
South DeKalb	02/21/21		0.122		1, 6	SE	125	0.8	South DeKalb passive	ERG	0.047172541	18828	5.0 inHg	1030511-01
South DeKalb	02/21/21		0.221		1, 6	SE	125	0.8	South DeKalb ATEC	ERG	0.047172541	SAT092	12.8 psig	1030511-02
South DeKalb	02/27/21		0.076		1, 6	E	90	0.4	South DeKalb ATEC	ERG	0.047172541	33540	13.0 psig	1030511-03
South DeKalb	03/05/21			AF		NW	318	0.3	South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	03/11/21		0.165		2, 1, 6	SSE	162	0.2	South DeKalb ATEC	ERG	0.047172541	A21056	13.2 psig	1031637-01
South DeKalb	03/11/21		0.224			SSE	162	0.2	South DeKalb passive	ERG	0.047172541	A21006	1.3 inHg	1031637-03
South DeKalb	03/11/21	QA	0.230		2, 1, 6	SSE	162	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT101	12.4psig	1031637-02
South DeKalb	03/17/21		0.072		1, 6	E	100	0.7	South DeKalb ATEC	ERG	0.047172541	9570	13.2 psig	1032327-02
South DeKalb	03/23/21			AF		E	100	0.8	South DeKalb ATEC	ERG		110258	Did not Collect	1032613-03
South DeKalb	03/23/21		0.112			E	100	0.8	South DeKalb passive	ERG	0.047172541	114366	6 inHg	1032613-01
South DeKalb	03/23/21	QA	0.192		2	E	100	0.8	South DeKalb passive QA	ERG	0.047172541	111219	6.2 inHg	1032613-02
South DeKalb	03/29/21		0.070			E	82	0.1	South DeKalb passive	ERG	0.047172541	114322	3.1 inHg	1040132-02
South DeKalb	03/29/21		0.099		1, 6	E	82	0.1	South DeKalb ATEC	ERG	0.047172541	SAT061	12.4psig	1040132-01
South DeKalb	03/31/21		3.091		LK, 1, 6	WSW	258	0.1	South DeKalb ATEC	ERG	0.047172541	A21007	12.6 psig	1040822-01
South DeKalb	04/04/21			AF		W	281	0.3	South DeKalb ATEC				Did not Collect	No sample ID possible
South DeKalb	04/04/21		0.093			W	281	0.3	South DeKalb passive	ERG	0.047172541	18889	2.5 inHg	1040822-02
South DeKalb	04/04/21	QA	0.146			W	281	0.3	South DeKalb passive QA	ERG	0.047172541	33315	5.2 inHg	1040822-03
South DeKalb	04/07/21		0.124		1, 6	SW	229	0.2	South DeKalb ATEC	ERG	0.047172541	19284	13.4 psig	1041341-01
South DeKalb	04/07/21	QA	0.295		LK, 1, 6	SW	229	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT057	12.8 psig	1041411-01
South DeKalb	04/10/21		0.103		2, 1, 6	SE	143	0.4	South DeKalb ATEC	ERG	0.047172541	SAT130	11.6 psig	1041341-03
South DeKalb	04/10/21		0.307		LK	SE	143	0.4	South DeKalb passive	ERG	0.047172541	SAT073	5.9 inHg	1041341-02

South DeKalb	04/16/21		0.086		S	182	0.1	South DeKalb passive	ERG	0.047172541	9570	3.9 inHg	1042121-01
South DeKalb	04/16/21		0.177	1, 6	S	182	0.1	South DeKalb ATEC	ERG	0.047172541	SAT020	12.6 psig	1042121-02
South DeKalb	04/22/21		0.072	1, 6	WNW	290	0.2	South DeKalb ATEC	ERG	0.047172541	110322	12.4psig	1042837-02
South DeKalb	04/28/21		0.361	LK	SSW	192	0.2	South DeKalb passive	ERG	0.047172541	SAT018	5.9 inHg	1050525-01
South DeKalb	04/28/21		0.562	LK, 1, 6	SSW	192	0.2	South DeKalb ATEC	ERG	0.047172541	SAT075	12.7 psig	1050525-02
South DeKalb	05/04/21		0.291	LK, 1, 6	SSW	212	0.1	South DeKalb ATEC	ERG	0.047172541	A21047	10psig	1051245-03
South DeKalb	05/04/21		0.678	LK, D-F, 2	SSW	212	0.1	South DeKalb passive	ERG	0.047172541	A21096	9.00 inHg	1051245-01
South DeKalb	05/04/21	QA	0.267	D-F, 2	SSW	212	0.1	South DeKalb passive QA	ERG	0.047172541	A21013	13.5 inHg	1051245-02
South DeKalb	05/10/21		0.099	1, 6	W	278	0.4	South DeKalb ATEC	ERG	0.047172541	33235	10.2psig	1051940-03
South DeKalb	05/10/21		0.211		W	278	0.4	South DeKalb passive	ERG	0.047172541	18879	5.8 inHg	1051940-01
South DeKalb	05/10/21	QA	0.147	1, 6	W	278	0.4	South DeKalb ATEC QA	ERG	0.047172541	18881	12.4psig	1051940-02
South DeKalb	05/16/21		0.128	1, 6	SSW	205	0.2	South DeKalb ATEC	ERG	0.047172541	19648	9.8psig	1052014-01
South DeKalb	05/16/21		0.549		SSW	205	0.2	South DeKalb passive	ERG	0.047172541	19656	5.5 inHg	1052113-01
South DeKalb	05/22/21		0.168	2	SE	146	0.1	South DeKalb passive	ERG	0.047172541	19288	6.2 inHg	1060326-02
South DeKalb	05/22/21		0.264	1, 6	SE	146	0.1	South DeKalb ATEC	ERG	0.047172541	18873	9.8psig	1060326-03
South DeKalb	05/28/21		0.156	1, 6, 2	SW	234	0.5	South DeKalb ATEC	ERG	0.047172541	114366	9.6psig	1060416-02
South DeKalb	05/28/21		0.483	2	SW	234	0.5	South DeKalb passive	ERG	0.047172541	33507	7.1 inHg	1060416-01

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	Site-Sampler-Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Sample ID
C2	10/03/19		0.596		LK	WNW	300	0.6	C2 passive	ERG	0.045184426	N4102	5.1 inHg	9100922-02
C2	10/06/19		0.155			E	85	2.3	C2 passive	ERG	0.045184426	SAT177	4.8 inHg	9100922-06
C2	10/12/19			AF					C2 passive	ERG	0.0453	SAT147	VOID	9101803-04
C2	10/18/19		0.470		LK, 2	E	85	1.3	C2 passive	ERG	0.045184426	5082	0.0 inHg	9102507-04
C2	10/24/19			AF					C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/27/19		0.322		LK, 2	WNW	290	2	C2 passive	ERG	0.045184426	5117	7.6 inHg	9103069-02
C2	10/30/19		0.333			SE	130	1.2	C2 passive	ERG	0.045184426	SAT029	5.1 inHg	9110118-02
C2	11/01/19		0.219		LK	NW	320	1.9	C2 passive	ERG	0.045184426	SAT135	5.0 inHg	9110553-02
C2	11/03/19		0.240		LK	NW	320	0.6	C2 passive	ERG	0.045184426	A21096	5.5 inHg	9110716-01
C2	11/05/19		0.172		LK	NNE	30	0.6	C2 passive	ERG	0.045184426	SAT176	6.0 inHg	9110810-02
C2	11/08/19		0.046			NNW	330	1.9	C2 passive	ERG	0.045184426	110335	6.0 inHg	9111412-02
C2	11/13/19		0.174		LK	E	90	2	C2 passive	ERG	0.045184426	5082	5.9 inHg	9111509-01
C2	11/15/19		0.248		LK	NE	50	1.3	C2 passive	ERG	0.045184426	5069	6.0 inHg	9112026-02
C2	11/20/19		1.016		2	NNW	315	1	C2 passive	ERG	0.045184426	SAT063	6.1 inHg	9112711-01
C2	11/23/19		0.425		2	W	285	1.5	C2 passive	ERG	0.045184426	SAT069	15.8 inHg	9112711-02
C2	11/29/19		0.445		LK, 2	ENE	75	0.1	C2 passive	ERG	0.045184426	AZ43	7.4 inHg	9120610-01
C2	12/05/19		0.757		2	NW	315	0.9	C2 passive	ERG	0.045184426	2767	6.9 inHg	9121207-01
C2	12/08/19		0.192		LK, 2	E	90	3.3	C2 passive	ERG	0.045184426	18818	6.1 inHg	9121207-02
C2	12/11/19		0.050		LK, 2	NNW	335	2.7	C2 passive	ERG	0.045184426	19290	0.0 inHg	9121841-01
C2	12/14/19		0.405		LK, 2	WNW	290	2.3	C2 passive	ERG	0.045184426	5115	0.0 inHg	9121841-06
C2	12/17/19		0.211		2, LK	WNW	300	3.4	C2 passive	ERG	0.045184426	5033	0.0 inHg	9122019-01
C2	12/19/19		0.213		2	NNE	45	0.8	C2 passive	ERG	0.045184426	SAT070	0.0 inHg	0010322-01
C2	12/23/19			AN		ENE	70	5.1	C2 passive	ERG		SAT017	0.0 inHg	0010322-05
C2	12/31/19		0.291		LK	W	275	2.9	C2 passive	ERG	0.045184426	5045	1.0 inHg	0010717-01
C2	01/04/20			AF		WNW	290	4.3	C2 passive	ERG		18830	26.8 inHg	0010907-01
C2	01/07/20		0.490			WNW	285	2.8	C2 passive	ERG	0.045184426	SAT113	1.0 inHg	0011618-01
C2	01/10/20		0.374		2, LK	E	80	2.4	C2 passive	ERG	0.045184426	SAT050	0.0 inHg	0011423-04
C2	01/14/20			AF		NW	320	0.3	C2 passive	ERG		5081	26.2 inHg	0011705-01
C2	01/16/20		0.598			E	88	2.8	C2 passive	ERG	0.045184426	SAT156	3.5 inHg	0012927-01
C2	01/19/20		0.137		LK	NW	310	4.9	C2 passive	ERG	0.045184426	SAT138	2.5 inHg	0012317-01
C2	01/22/20		0.434		LK	ENE	75	1.7	C2 passive	ERG	0.045184426	5024	2.1 inHg	0012927-05
C2	01/25/20		0.844		LK	WNW	290	2.6	C2 passive	ERG	0.045184426	5132	2.3 inHg	0013008-01
C2	01/28/20		1.009		LK	NW	315	1.3	C2 passive	ERG	0.045184426	5083	3.5 inHg	0020524-01
C2	01/30/20			AA		ENE	75	1.5	C2 passive	ERG	0.045184426	5062	3.2 inHg	0020524-05
C2	02/03/20		0.334			WSW	245	0.6	C2 passive	ERG	0.045184426	19649	3.2 inHg	0021311-01
C2	02/09/20		0.703			E	80	1.3	C2 passive	ERG	0.045184426	SAT085	1.1 inHg	0021921-01
C2	02/15/20		0.148			E	92	0.4	C2 passive	ERG	0.045184426	18889	3.2 inHg	0022425-01
C2	02/21/20		0.481		LK	NE	45	0.5	C2 passive	ERG	0.045184426	5145	2.5 inHg	0022816-01
C2	02/27/20		0.407			NW	315	3.8	C2 passive	ERG	0.045184426	SAT008	1.6 inHg	0030604-01
C2	03/04/20		0.322		LK	NE	45	0.1	C2 passive	ERG	0.051510246	5100	4.8 inHg	0031012-01
C2	03/10/20		0.551			SW	240	0.6	C2 passive	ERG	0.051510246	SAT108	1.3 inHg	0031836-01
C2	03/16/20		0.089			E	85	2.8	C2 passive	ERG	0.051510246	18874	1.8 inHg	0032321-01
C2	03/22/20		0.360		LK	ENE	80	2.9	C2 passive	ERG	0.051510246	5136	1.6 inHg	0040115-01
C2	03/28/20		0.528		LK	WSW	245	1.1	C2 passive	ERG	0.051510246	5124	5.0 inHg	0040814-03
C2	04/03/20		0.331			NW	310	0.6	C2 passive	ERG	0.051510246	18885	1.8 inHg	0041001-01
C2	04/09/20		0.633		LK	WNW	290	3.3	C2 passive	ERG	0.051510246	5046	4.6 inHg	0041707-01
C2	04/15/20		0.737		LK	NW	315	2.9	C2 passive	ERG	0.051510246	AZ38	1.7 inHg	0042218-01
C2	04/21/20		1.309		LK, 2	WNW	285	2.2	C2 passive	ERG	0.051510246	5089	3.8 inHg	0050114-01

C2	04/27/20	0.983		2	NW	310	2.2	C2 passive	ERG	0.051510246	19656	2.6 inHg	0050615-01
C2	05/03/20	0.671		LK	W	270	1.2	C2 passive	ERG	0.051510246	5045	4.9 inHg	0051324-01
C2	05/09/20	0.293		LK	NW	310	2.1	C2 passive	ERG	0.051510246	5099	3.2 inHg	0051504-01
C2	05/15/20		BI		SSE	148	0.3	C2 passive	ERG		5141	4.1 inHg	0052848-01
C2	05/21/20	0.445		LK	NE	58	0.5	C2 passive	ERG	0.051510246	5017	2.9 inHg	0052918-03
C2	05/27/20	0.502			E	80	2.6	C2 passive	ERG	0.051510246	SAT160	3.5 inHg	0060508-01
C2	06/02/20	0.430		LK	SW	238	0.2	C2 passive	ERG	0.051510246	5072	3.9 inHg	0061042-01
C2	06/08/20		BI		ESE	120	1.1	C2 passive	ERG		SAT177	3.9 inHg	0061731-01
C2	06/14/20	0.508		LK, 2	ENE	70	1.2	C2 passive	ERG	0.051510246	SAT023	0.0 inHg	0061908-01
C2	06/20/20	1.037		LK	NNW	330	0.8	C2 passive	ERG	0.051510246	SAT028	3.2 inHg	0070602-01
C2	06/26/20	1.142		LK	WNW	285	2.2	C2 passive	ERG	0.051510246	5033	4.7 inHg	0070840-01
C2	07/02/20	0.275			NNW	335	1.2	C2 passive	ERG	0.051510246	19280	4.2 inHg	0070928-01
C2	07/08/20	0.821		LK	NE	45	0.6	C2 passive	ERG	0.051510246	5128	4.5 inHg	0071703-01
C2	07/14/20	0.725		LK	NW	320	0.2	C2 passive	ERG	0.051510246	SAT035	3.1 inHg	0072412-01
C2	07/20/20	0.286		2	E	80	0.1	C2 passive	ERG	0.051510246	18868	0.0 inHg	0072412-05
C2	07/26/20	13.863		LK	W	268	0.05	C2 passive	ERG	0.051510246	35158	3.1 inHg	0080534-01
C2	08/01/20	0.199		LK	SW	214	0.5	C2 passive	ERG	0.051510246	SAT053	2.1 inHg	0081410-01
C2	08/07/20	0.193			ENE	60	0.1	C2 passive	ERG	0.051510246	33533	1.9 inHg	0081410-05
C2	08/13/20		AF		S	190	0.1	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/19/20		AF		ESE	108	0.2	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/25/20		AF		ENE	67	0.3	C2 passive	ERG			Did not Collect	No sample ID possible
C2	08/31/20	0.154			W	278	0.1	C2 passive	ERG	0.051510246	19276	2.7 inHg	0090413-01
C2	09/06/20	0.135			ENE	64	0.2	C2 passive	ERG	0.051510246	33554	2.0 inHg	0091711-01
C2	09/12/20	0.452		LK	E	85	1.8	C2 passive	ERG	0.051510246	5014	4.1 inHg	0092335-01
C2	09/18/20	4.771		LK	NNW	30	0.8	C2 passive	ERG	0.051510246	35128	2.7 inHg	0093025-01
C2	09/24/20	0.280		LK	E	90	1.6	C2 passive	ERG	0.051510246	5101	2.1 inHg	0093025-05
C2	09/30/20	0.269		2	WNW	300	1	C2 passive	ERG	0.051510246	18820	0.0 inHg	0100833-01
C2	10/06/20	0.387			E	85	0.6	C2 passive	ERG	0.051510246	SAT080	1.8 inHg	0101528-01
C2	10/12/20		AF		WNW	285	0.6	C2 passive	ERG			Did not Collect	No sample ID possible
C2	10/18/20	0.114			ENE	75	2.3	C2 passive	ERG	0.051510246	114340	1.0 inHg	0102916-01
C2	10/24/20	0.387			SSE	165	0.2	C2 passive	ERG	0.051510246	111219	2.9 inHg	0103006-01
C2	10/30/20	0.134			NW	310	4.1	C2 passive	ERG	0.051510246	33554	1.6 inHg	0111125-01
C2	11/05/20	0.213			ENE	65	1	C2 passive	ERG	0.051510246	SAT118	1.1 inHg	0111824-01
C2	11/11/20	0.195			E	80	0.2	C2 passive	ERG	0.051510246	18836	2.8 inHg	0111824-05
C2	11/17/20	0.282		LK	NW	315	3.4	C2 passive	ERG	0.051510246	A21069	1.5 inHg	0112513-01
C2	11/23/20	0.354			NW	315	2.3	C2 passive	ERG	0.051510246	SAT152	1.1 inHg	0120411-01
C2	11/29/20	0.000		VB	E	84	0.7	C2 passive	ERG	0.051510246	SAT015	3.9 inHg	0121016-01
C2	12/05/20	0.336		2	WNW	290	3.1	C2 passive	ERG	0.051510246	33540	0.0 inHg	0121104-01
C2	12/11/20	0.151			ESE	115	0.2	C2 passive	ERG	0.051510246	18870	2.6 inHg	0122326-01
C2	12/17/20	0.235		2, LK	WNW	295	3.5	C2 passive	ERG	0.051510246	35119	0.0 inHg	0123026-01
C2	12/23/20	0.096			E	92	1.7	C2 passive	ERG	0.051510246	110257	1.8 inHg	1010626-01
C2	12/29/20	0.184			ENE	75	0.8	C2 passive	ERG	0.051510246	114322	2.0 inHg	1011326-02
C2	01/04/21	0.186			WNW	295	1.2	C2 passive	ERG	0.051510246	A21028	1.7 inHg	1011326-06
C2	01/10/21	0.062			ENE	70	0.5	C2 passive	ERG	0.051510246	18824	1.2 inHg	1012127-01
C2	01/16/21	0.049		VB	WNW	285	2.3	C2 passive	ERG	0.051510246	19657	1.0 inHg	1012726-01
C2	01/22/21	0.365		2, LK	WNW	300	0.7	C2 passive	ERG	0.051510246	A21056	0.0 inHg	1012903-01
C2	01/28/21	0.313		LK	NW	315	5.6	C2 passive	ERG	0.051510246	A21033	1.8 inHg	1020519-01
C2	02/03/21	0.093		2	NW	310	3.6	C2 passive	ERG	0.047172541	110305	1.4 inHg	1021208-01

C2	02/03/21	QA	0.117		2	NW	310	3.6	C2 passive QA	ERG	0.047172541	110252	0.0 inHg	1021208-02
C2	02/09/21		0.365			ENE	65	0.6	C2 passive	ERG	0.047172541	SAT016	3.3 inHg	1021908-05
C2	02/15/21		0.079		2	E	85	2.4	C2 passive	ERG	0.047172541	19649	10.3 inHg	1022211-01
C2	02/21/21		0.091			ESE	105	2.1	C2 passive	ERG	0.047172541	33240	4.8 inHg	1030510-01
C2	02/27/21		0.122			ENE	70	1	C2 passive	ERG	0.047172541	19294	1.7 inHg	1031121-01
C2	03/05/21			AF		NNW	340	1.5	C2 passive	ERG	0.0472		Did not Collect	No sample ID possible
C2	03/11/21		0.287			S	185	0.6	C2 passive	ERG	0.047172541	18835	2.0 inHg	1031639-01
C2	03/17/21		0.143			E	85	1.5	C2 passive	ERG	0.047172541	110305	2.9 inHg	1032432-01
C2	03/23/21		0.137			E	80	2.3	C2 passive	ERG	0.047172541	111211	2.3 inHg	1040729-01
C2	03/29/21		0.300			N	0	1.6	C2 passive	ERG	0.047172541	A21042	1.9 inHg	1041343-03
C2	04/04/21		1.066		LK	WNW	285	0.8	C2 passive	ERG	0.047172541	SAT165	1.2 inHg	1042215-01
C2	04/10/21		0.515			SSE	160	1.1	C2 passive	ERG	0.047172541	A21012	1.9 inHg	1042215-05
C2	04/16/21		0.474			NE	45	0.7	C2 passive	ERG	0.047172541	A21005	2.0 inHg	1042933-01
C2	04/22/21		0.116		2	NNW	345	2	C2 passive	ERG	0.047172541	18868	0.0 inHg	1043022-01
C2	04/28/21		0.168			SSW	205	0.4	C2 passive	ERG	0.047172541	110335	4.1 inHg	1050523-01
C2	05/04/21		0.298		LK	W	265	1.2	C2 passive	ERG	0.047172541	SAT081	5.4 inHg	1051942-01
C2	05/10/21		0.694		LK, 2	WNW	290	1.3	C2 passive	ERG	0.047172541	A21071	7.2 inHg	1051942-05
C2	05/16/21		0.446			SW	225	0.4	C2 passive	ERG	0.047172541	33533	4.6 inHg	1060323-01
C2	05/22/21		0.437			ENE	70	0.5	C2 passive	ERG	0.047172541	18827	3.9 inHg	1060323-02
C2	05/28/21		0.230		LK	WSW	245	1.1	C2 passive	ERG	0.047172541	18868	4.7 inHg	1060415-01
C3	10/03/19		0.492			WNW	300	0.6	C3 passive	ERG	0.045184426	SAT033	6.0 inHg	9100922-03
C3	10/06/19		0.168		LK	E	85	2.3	C3 passive	ERG	0.045184426	A21069	5.5 inHg	9100922-07
C3	10/12/19		0.586		2	WNW	290	1	C3 passive	ERG	0.045184426	SAT166	6.5 inHg	9101803-02
C3	10/18/19		0.569			E	85	1.3	C3 passive	ERG	0.045184426	SAT084	3.8 inHg	9102507-01
C3	10/24/19		0.065			E	90	1.6	C3 passive	ERG	0.045184426	18869	5.5 inHg	9103069-03
C3	10/27/19		0.358		LK, 2	WNW	290	2	C3 passive	ERG	0.045184426	5069	7.1 inHg	9103069-04
C3	10/30/19		0.347			SE	130	1.2	C3 passive	ERG	0.045184426	18831	5.1 inHg	9110118-03
C3	11/01/19		0.129			NW	320	1.9	C3 passive	ERG	0.045184426	SAT155	3.8 inHg	9110553-03
C3	11/03/19		0.217			NW	320	0.6	C3 passive	ERG	0.045184426	44	5.0 inHg	9110635-02
C3	11/05/19			AF		NNE	30	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	11/08/19		0.372			NNW	330	1.9	C3 passive	ERG	0.045184426	SAT161	5.6 inHg	9111412-03
C3	11/13/19		0.502		LK	E	90	2	C3 passive	ERG	0.045184426	5132	5.8 inHg	9111509-02
C3	11/15/19		0.231			NE	50	1.3	C3 passive	ERG	0.045184426	19283	4.4 inHg	9112026-03
C3	11/20/19		0.577		LK, 2	NNW	315	1	C3 passive	ERG	0.045184426	5007	6.8 inHg	9112711-03
C3	11/23/19		0.286			W	285	1.5	C3 passive	ERG	0.045184426	SAT054	5.6 inHg	9112711-04
C3	11/29/19		0.293		LK	ENE	75	0.1	C3 passive	ERG	0.045184426	AZ45	5.6 inHg	9120610-02
C3	12/05/19		0.484		LK, 2	NW	315	0.9	C3 passive	ERG	0.045184426	5100	6.1 inHg	9121207-03
C3	12/08/19		0.178		LK	E	90	3.3	C3 passive	ERG	0.045184426	19663	4.8 inHg	9121207-04
C3	12/11/19		0.181		LK	NNW	335	2.7	C3 passive	ERG	0.045184426	AZ52	4.9 inHg	9121841-02
C3	12/14/19		0.228		LK	WNW	290	2.3	C3 passive	ERG	0.045184426	19293	4.2 inHg	9121841-07
C3	12/17/19		0.378		LK, 2	WNW	300	3.4	C3 passive	ERG	0.045184426	SAT164	7.1 inHg	9122019-02
C3	12/19/19		0.660		2	NNE	45	0.8	C3 passive	ERG	0.045184426	SAT122	0.0 inHg	0010322-02
C3	12/23/19			AF		ENE	70	5.1	C3 passive	ERG		SAT097	28.0 inHg	0010322-06
C3	12/31/19		0.089		2	W	275	2.9	C3 passive	ERG	0.045184426	SAT177	0.0 inHg	0010717-02
C3	01/04/20		0.117		2	WNW	290	4.3	C3 passive	ERG	0.045184426	19297	0.0 inHg	0010907-02
C3	01/07/20		0.488		2, LK	WNW	285	2.8	C3 passive	ERG	0.045184426	SAT038	0.0 inHg	0011423-01
C3	01/10/20		0.087			E	80	2.4	C3 passive	ERG	0.045184426	18824	2.9 inHg	0011423-05
C3	01/14/20		0.466		LK, 2	NW	320	0.3	C3 passive	ERG	0.045184426	SAT184	14.5 inHg	0011705-02
C3	01/16/20			AF		NW	320	2.8	C3 passive	ERG	0.04518	A22329	VOID	0012927-02
C3	01/19/20		0.470		LK, 2	NW	310	4.9	C3 passive	ERG	0.045184426	SAT185	0.0 inHg	0012317-02

C3	01/22/20	0.403		LK, 2	ENE	75	1.7	C3 passive	ERG	0.045184426	5108	0.0 inHg	0012927-06
C3	01/25/20	0.511		LK, 2	WNW	290	2.6	C3 passive	ERG	0.045184426	SAT110	0.0 inHg	0013117-01
C3	01/28/20	0.164			NW	315	1.3	C3 passive	ERG	0.045184426	18868	3.4 inHg	0020524-02
C3	01/30/20	0.167			ENE	75	1.5	C3 passive	ERG	0.045184426	19278	4.0 inHg	0021214-01
C3	02/03/20	0.084			WSW	245	0.6	C3 passive	ERG	0.045184426	19647	4.1 inHg	0021311-02
C3	02/09/20	0.540			E	80	1.3	C3 passive	ERG	0.045184426	SAT182	1.8 inHg	0021921-02
C3	02/15/20	0.287			E	92	0.4	C3 passive	ERG	0.045184426	SAT096	2.1 inHg	0022425-02
C3	02/21/20	0.490			NE	45	0.5	C3 passive	ERG	0.045184426	2527	1.2 inHg	0022816-02
C3	02/27/20	0.183		LK	NW	315	3.8	C3 passive	ERG	0.045184426	5103	3.0 inHg	0030604-02
C3	03/04/20	0.517			NE	45	0.1	C3 passive	ERG	0.051510246	SAT107	5.0 inHg	0031012-02
C3	03/10/20	0.093			SW	240	0.6	C3 passive	ERG	0.051510246	19298	2.9 inHg	0031836-02
C3	03/16/20	0.662			E	85	2.8	C3 passive	ERG	0.051510246	SAT013	3.2 inHg	0032321-02
C3	03/22/20	0.208		2	ENE	80	2.9	C3 passive	ERG	0.051510246	19641	2.1 inHg	0040115-02
C3	03/28/20	0.110			WSW	245	1.1	C3 passive	ERG	0.051510246	19649	5.3 inHg	0040814-02
C3	04/03/20	0.286			NW	310	0.6	C3 passive	ERG	0.051510246	18831	3.4 inHg	0041001-02
C3	04/09/20	0.155			WNW	290	3.3	C3 passive	ERG	0.051510246	18824	4.9 inHg	0041707-02
C3	04/15/20	0.405		LK, 2	NW	315	2.9	C3 passive	ERG	0.051510246	5145	0.0 inHg	0042218-02
C3	04/21/20	0.153		2	WNW	285	2.2	C3 passive	ERG	0.051510246	19665	3.6 inHg	0050114-02
C3	04/27/20	0.446			NW	310	2.2	C3 passive	ERG	0.051510246	SAT107	3.8 inHg	0050615-02
C3	05/03/20	0.284		LK	W	270	1.2	C3 passive	ERG	0.051510246	5105	5.9 inHg	0051324-02
C3	05/09/20	0.242			NW	310	2.1	C3 passive	ERG	0.051510246	SAT024	3.6 inHg	0051504-04
C3	05/15/20	0.853			SSE	148	0.3	C3 passive	ERG	0.051510246	SAT158	4.1 inHg	0052918-02
C3	05/21/20	0.147			NE	58	0.5	C3 passive	ERG	0.051510246	18836	3.6 inHg	0052918-04
C3	05/27/20	0.405		LK	E	80	2.6	C3 passive	ERG	0.051510246	5015	5.1 inHg	0060508-02
C3	06/02/20	0.495		LK	SW	238	0.2	C3 passive	ERG	0.051510246	5137	5.1 inHg	0061042-02
C3	06/08/20	0.566		LK	ESE	120	1.1	C3 passive	ERG	0.051510246	5115	5.3 inHg	0061731-02
C3	06/14/20	0.502			ENE	70	1.2	C3 passive	ERG	0.051510246	SAT123	4.8 inHg	0061908-02
C3	06/20/20	1.070			NNW	330	0.8	C3 passive	ERG	0.051510246	SAT114	4.9 inHg	0070602-02
C3	06/26/20	1.036		LK	WNW	285	2.2	C3 passive	ERG	0.051510246	5013	5.8 inHg	0070840-02
C3	07/02/20	0.267		LK, 2	NNW	335	1.2	C3 passive	ERG	0.051510246	5141	6.1 inHg	0070928-02
C3	07/08/20	0.754		LK	NE	45	0.6	C3 passive	ERG	0.051510246	5083	5.8 inHg	0071703-03
C3	07/14/20	0.524			NW	320	0.2	C3 passive	ERG	0.051510246	SAT096	4.9 inHg	0072412-02
C3	07/20/20	1.093		LK, 2	E	80	0.1	C3 passive	ERG	0.051510246	SAT026	0.0 inHg	0072725-01
C3	07/26/20	0.533			W	268	0.05	C3 passive	ERG	0.051510246	SAT015	2.9 inHg	0080534-02
C3	08/01/20	0.354		LK	SW	214	0.5	C3 passive	ERG	0.051510246	SAT149	3.1 inHg	0081410-02
C3	08/07/20	0.385			ENE	60	0.1	C3 passive	ERG	0.051510246	SAT100	2.0 inHg	0081325-01
C3	08/13/20		AF		S	190	0.1	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/19/20		AF		ESE	108	0.2	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/25/20		AF		ENE	67	0.3	C3 passive	ERG			Did not Collect	No sample ID possible
C3	08/31/20	0.302		2	W	278	0.1	C3 passive	ERG	0.051510246	A21026	0.0 inHg	0090413-02
C3	09/06/20	0.170			ENE	64	0.2	C3 passive	ERG	0.051510246	19298	1.9 inHg	0091631-01
C3	09/12/20	1.052		LK	E	85	1.8	C3 passive	ERG	0.051510246	5124	4.0 inHg	0092335-02
C3	09/18/20	0.633			NNW	30	0.8	C3 passive	ERG	0.051510246	SAT075	1.9 inHg	0093025-02
C3	09/24/20	0.133		2	E	90	1.6	C3 passive	ERG	0.051510246	19657	0.0 inHg	0093025-06
C3	09/30/20	0.136			WNW	300	1	C3 passive	ERG	0.051510246	18869	1.0 inHg	0100833-02
C3	10/06/20	1.081		LK	E	85	0.6	C3 passive	ERG	0.051510246	5027	2.3 inHg	0101528-02
C3	10/12/20		AF		WNW	285	0.6	C3 passive	ERG			Did not Collect	No sample ID possible
C3	10/18/20	0.103		2	ENE	75	2.3	C3 passive	ERG	0.051510246	AQL0397	0.0 inHg	0102916-02

C3	10/24/20		0.258			SSE	165	0.2	C3 passive	ERG	0.051510246	114336	2.3 inHg	0103006-02
C3	10/30/20		0.437		2	NW	310	4.1	C3 passive	ERG	0.051510246	A21081	0.0 inHg	0111125-02
C3	11/05/20		0.410		2, LK	ENE	65	1	C3 passive	ERG	0.051510246	SAT150	0.0 inHg	0111824-02
C3	11/11/20		0.127			E	80	0.2	C3 passive	ERG	0.051510246	18880	1.8 inHg	0111824-06
C3	11/17/20		0.079		2	NW	315	3.4	C3 passive	ERG	0.051510246	2767	0.0 inHg	0112513-02
C3	11/23/20		0.345		2, LK	NW	315	2.3	C3 passive	ERG	0.051510246	5089	0.0 inHg	0120411-02
C3	11/29/20		0.390			E	84	0.7	C3 passive	ERG	0.051510246	SAT016	1.1 inHg	0121016-02
C3	12/05/20		0.358		LK	WNW	290	3.1	C3 passive	ERG	0.051510246	5106	1.4 inHg	0121104-02
C3	12/11/20		0.211		LK	ESE	115	0.2	C3 passive	ERG	0.051510246	5072	2.8 inHg	0122326-02
C3	12/17/20		0.121		2	WNW	295	3.5	C3 passive	ERG	0.051510246	35160	0.0 inHg	0123026-02
C3	12/23/20		0.103			E	92	1.7	C3 passive	ERG	0.051510246	110258	1.3 inHg	1010626-02
C3	12/29/20		0.727			ENE	75	0.8	C3 passive	ERG	0.051510246	SAT099	2.3 inHg	1011326-03
C3	01/04/21		0.112			WNW	295	1.2	C3 passive	ERG	0.051510246	18880	1.7 inHg	1011326-07
C3	01/10/21		0.307		2	ENE	70	0.5	C3 passive	ERG	0.051510246	SAT173	0.0 inHg	1012127-02
C3	01/16/21		0.333		LK	WNW	285	2.3	C3 passive	ERG	0.051510246	AZ37	1.6 inHg	1012726-03
C3	01/22/21		0.703			WNW	300	0.7	C3 passive	ERG	0.051510246	SAT013	1.1 inHg	1012903-02
C3	01/28/21		0.186			NW	315	5.6	C3 passive	ERG	0.051510246	44	1.8 inHg	1020519-02
C3	02/03/21		0.000		ND, U	NW	310	3.6	C3 passive	ERG	0.047172541	110258	1.5 inHg	1021208-03
C3	02/09/21		0.164			ENE	65	0.6	C3 passive	ERG	0.047172541	SAT117	3.1 inHg	1021908-01
C3	02/09/21	QA	0.405			ENE	65	0.6	C3 passive QA	ERG	0.047172541	SAT097	2.1 inHg	1021908-02
C3	02/15/21			BI		E	85	2.4	C3 passive	ERG	0.0472	SAT020	2.5 inHg	1022211-02
C3	02/21/21		0.064			ESE	105	2.1	C3 passive	ERG	0.047172541	18876	2.0 inHg	1030510-02
C3	02/27/21		0.199			ENE	70	1	C3 passive	ERG	0.047172541	SAT151	1.3 inHg	1031121-02
C3	03/05/21			AF		NNW	340	1.5	C3 passive	ERG	0.0472		Did not Collect	No sample ID possible
C3	03/11/21		0.152			S	185	0.6	C3 passive	ERG	0.047172541	19279	3.9 inHg	1031639-02
C3	03/17/21		0.105			E	85	1.5	C3 passive	ERG	0.047172541	114344	3.2 inHg	1032432-02
C3	03/23/21		0.349		LK	E	80	2.3	C3 passive	ERG	0.047172541	A21047	2.3 inHg	1040824-01
C3	03/29/21		0.081			N	0	1.6	C3 passive	ERG	0.047172541	19646	2.4 inHg	1041343-05
C3	04/04/21		2.042		2	WNW	285	0.8	C3 passive	ERG	0.047172541	18825	0.0 inHg	1042215-02
C3	04/10/21		0.116		2	SSE	160	1.1	C3 passive	ERG	0.047172541	110258	10.1 inHg	1042215-06
C3	04/16/21		0.273		LK, 2	NE	45	0.7	C3 passive	ERG	0.047172541	SAT157	6.9 inHg	1042933-02
C3	04/22/21			AA		NNW	345	2	C3 passive	ERG		19650	VOID	1050321-01
C3	04/28/21		0.108			SSW	205	0.4	C3 passive	ERG	0.047172541	110306	4.9 inHg	1050523-02
C3	05/04/21		0.108			W	265	1.2	C3 passive	ERG	0.047172541	110257	4.7 inHg	1051942-02
C3	05/10/21		0.188			WNW	290	1.3	C3 passive	ERG	0.047172541	33534	4.2 inHg	1051942-06
C3	05/16/21		0.810			SW	225	0.4	C3 passive	ERG	0.047172541	A21000	4.2 inHg	1060323-03
C3	05/22/21		1.952		LK	ENE	70	0.5	C3 passive	ERG	0.047172541	SAT088	3.0 inHg	1060323-04
C3	05/28/21		0.138		LK	WSW	245	1.1	C3 passive	ERG	0.047172541	33266	5.1 inHg	1060415-02
C4	10/03/19		1.880			WNW	300	0.6	C4 passive	ERG	0.045184426	18869	5.1 inHg	9100922-04
C4	10/06/19		1.650		LK	E	85	2.3	C4 passive	ERG	0.045184426	N4088	4.8 inHg	9100922-08
C4	10/12/19		0.000		U, ND	WNW	290	1	C4 passive	ERG	0.045184426	SAT016	2.9 inHg	9101803-03
C4	10/18/19		0.761			E	85	1.3	C4 passive	ERG	0.045184426	SAT106	3.5 inHg	9102507-03
C4	10/24/19		2.187			ENE	90	1.6	C4 passive	ERG	0.045184426	A21036	4.1 inHg	9103069-05
C4	10/27/19		0.190			WNW	290	2	C4 passive	ERG	0.045184426	A21077	5.1 inHg	9103069-06
C4	10/30/19		0.331			SE	130	1.2	C4 passive	ERG	0.045184426	18833	4.9 inHg	9110118-04
C4	10/30/19	QA	0.174		2	SE	130	1.2	C4 passive QA	ERG	0.045184426	18865	7.0 inHg	9110118-05
C4	11/01/19		0.061			NW	320	1.9	C4 passive	ERG	0.045184426	19642	2.0 inHg	9110553-04
C4	11/03/19		0.176			NW	320	0.6	C4 passive	ERG	0.045184426	A21101	2.6 inHg	9110635-03
C4	11/05/19		0.184			NNE	30	0.6	C4 passive	ERG	0.045184426	SAT074	3.0 inHg	9110810-03
C4	11/08/19		0.165			NNW	330	1.9	C4 passive	ERG	0.045184426	SAT138	3.9 inHg	9111412-04
C4	11/13/19			AR		E	90	2	C4 passive	ERG		SAT039	0.0 inHg	9111509-04

C4	11/15/19		0.153		2	NE	50	1.3	C4 passive	ERG	0.045184426	18877	0.0 inHg	9112026-04
C4	11/20/19		0.998			NNW	315	1	C4 passive	ERG	0.045184426	SAT091	3.4 inHg	9112711-05
C4	11/23/19		0.481		2	W	285	1.5	C4 passive	ERG	0.045184426	19649	12.2 inHg	9112711-06
C4	11/29/19			AN					C4 passive	ERG		5079	VOID	9120610-03-REVIEW
C4	11/29/19			AN		ENE	75	0.1	C4 passive	ERG		5079	29.3 inHg	9120610-03
C4	12/05/19		0.913		LK, 2	NW	315	0.9	C4 passive	ERG	0.045184426	SAT089	0.0 inHg	9121207-05
C4	12/08/19		0.549		2	E	90	3.3	C4 passive	ERG	0.045184426	SAT039	0.0 inHg	9121207-06
C4	12/11/19		0.305		2	NNW	335	2.7	C4 passive	ERG	0.045184426	A21039	0.0 inHg	9121841-03
C4	12/11/19	QA	0.172		2	NNW	335	2.7	C4 passive QA	ERG	0.045184426	A21055	0.0 inHg	9121841-04
C4	12/14/19		0.195		LK, 2	WNW	290	2.3	C4 passive	ERG	0.045184426	5137	0.0 inHg	9121841-08
C4	12/17/19		0.192		LK, 2	WNW	300	3.4	C4 passive	ERG	0.045184426	SAT012	0.0 inHg	9122019-03
C4	12/19/19		0.277		2	NNE	45	0.8	C4 passive	ERG	0.045184426	SAT166	0.0 inHg	0010322-03
C4	12/23/19			AN		ENE	70	5.1	C4 passive	ERG		A21076	0.0 inHg	0010322-07
C4	12/31/19		0.129		2	W	275	2.9	C4 passive	ERG	0.045184426	SAT170	0.0 inHg	0010717-03
C4	01/04/20		0.251		2	WNW	290	4.3	C4 passive	ERG	0.045184426	A21005	0.0 inHg	0010907-03
C4	01/07/20		0.183		2, LK	WNW	285	2.8	C4 passive	ERG	0.045184426	SAT018	0.0 inHg	0011423-02
C4	01/10/20		0.656			E	80	2.4	C4 passive	ERG	0.045184426	SAT011	2.1 inHg	0011423-06
C4	01/14/20			AF		NW	320	0.3	C4 passive	ERG		18822	25.1 inHg	0011705-03
C4	01/16/20			AF		NW	320	2.8	C4 passive	ERG		18832	VOID	0012927-03
C4	01/19/20		0.327		2, LK	NW	310	4.9	C4 passive	ERG	0.045184426	A21067	0.0 inHg	0012317-03
C4	01/22/20		0.781		2	ENE	75	1.7	C4 passive	ERG	0.045184426	19656	6.8 inHg	0012927-07
C4	01/22/20	QA	1.007		2	ENE	75	1.7	C4 passive QA	ERG	0.045184426	SAT020	0.0 inHg	0012927-08
C4	01/25/20			AA		WNW	290	2.6	C4 passive	ERG	0.045184426	18879	6.9 inHg	0013117-02
C4	01/28/20		0.546		2	NW	315	1.3	C4 passive	ERG	0.045184426	SAT081	7.8 inHg	0020524-03
C4	01/30/20		0.613		2	ENE	75	1.5	C4 passive	ERG	0.045184426	A21102	8.4 inHg	0020524-06
C4	02/03/20		0.173		2	WSW	245	0.6	C4 passive	ERG	0.045184426	33535	8.2 inHg	0021311-03
C4	02/09/20		0.965		2	E	80	1.3	C4 passive	ERG	0.045184426	SAT140	6.2 inHg	0021921-03
C4	02/15/20		0.855		LK, 2	E	92	0.4	C4 passive	ERG	0.045184426	5089	0.0 inHg	0022425-03
C4	02/15/20	QA	0.824			E	92	0.4	C4 passive QA	ERG	0.045184426	SAT036	2.0 inHg	0022108-01
C4	02/21/20		0.710		LK, 2	NE	45	0.5	C4 passive	ERG	0.045184426	5101	0.0 inHg	0022816-03
C4	02/27/20		0.164		2, LK	NW	315	3.8	C4 passive	ERG	0.045184426	A21036	7.8 inHg	0030604-03
C4	03/04/20		0.645		LK, 2	NE	45	0.1	C4 passive	ERG	0.051510246	5006	9.6 inHg	0031012-03
C4	03/10/20		0.385		LK, 2	SW	240	1.4	C4 passive	ERG	0.051510246	SAT035	7.8 inHg	0031836-03
C4	03/16/20		1.045		2	ENE	85	6.1	C4 passive	ERG	0.051510246	A21103	7.8 inHg	0032321-03
C4	03/22/20		1.016		LK, 2	ENE	80	2.8	C4 passive	ERG	0.051510246	5114	8.1 inHg	0040115-03
C4	03/22/20	QA	0.790			ENE	80	2.8	C4 passive QA	ERG	0.051510246	A22330	1.2 inHg	0040115-04
C4	03/28/20		0.436		2	WSW	245	1.1	C4 passive	ERG	0.051510246	SAT155	9.8 inHg	0040814-05
C4	04/03/20		0.165		2	NW	310	0.6	C4 passive	ERG	0.051510246	19279	8.2 inHg	0041001-03
C4	04/09/20		0.560		2	WNW	290	3.3	C4 passive	ERG	0.051510246	SAT114	9.5 inHg	0041707-03
C4	04/09/20	QA	0.333			WNW	290	3.3	C4 passive QA	ERG	0.051510246	SAT144	3.6 inHg	0041707-04
C4	04/15/20		0.289		2	NW	315	2.9	C4 passive	ERG	0.051510246	SAT089	7.8 inHg	0042218-03
C4	04/21/20		0.676		2	WNW	285	2.2	C4 passive	ERG	0.051510246	A21067	8.1 inHg	0050114-03
C4	04/21/20	QA	0.439		2	WNW	285	2.2	C4 passive QA	ERG	0.051510246	49	1.6 inHg	0050114-04
C4	04/27/20		0.093		6, 2	NW	310	2.2	C4 passive	ERG	0.051510246	19648	8.2 inHg	0050615-03
C4	05/03/20			AA		W	270	1.2	C4 passive	ERG	0.051510246	19663	9.7 inHg	0051324-03
C4	05/09/20		0.712		2	NW	310	2.1	C4 passive	ERG	0.051510246	A22304	0.0 inHg	0051504-05
C4	05/09/20			AA		NW	310	2.1	C4 passive	ERG	0.051510246	A21069	VOID	0051504-02
C4	05/15/20			AA		SSE	148	0.3	C4 passive	ERG	0.051510246	18828	8.7 inHg	0052848-02
C4	05/21/20			AN		NE	58	0.5	C4 passive	ERG		SAT009	19.8 inHg	0052918-05
C4	05/27/20		0.258		2	E	80	2.6	C4 passive	ERG	0.051510246	19340	8.9 inHg	0060508-03
C4	06/02/20		0.891		2	SW	238	0.2	C4 passive	ERG	0.051510246	SAT127	8.8 inHg	0061042-03

C4	06/08/20		0.197		2	ESE	120	1.1	C4 passive	ERG	0.051510246	18872	9.2 inHg	0061731-03
C4	06/08/20	QA	0.349		2	ESE	120	1.1	C4 passive QA	ERG	0.051510246	SAT171	7.9 inHg	0061731-04
C4	06/14/20		0.866		2	ENE	70	1.2	C4 passive	ERG	0.051510246	SAT012	9.0 inHg	0061908-03
C4	06/20/20		0.727		2	NNW	330	0.8	C4 passive	ERG	0.051510246	35131	9.0 inHg	0070602-03
C4	06/26/20		0.354		LK, 2	WNW	285	2.2	C4 passive	ERG	0.051510246	5094	9.9 inHg	0070840-03
C4	07/02/20		0.240		2	NNW	335	1.2	C4 passive	ERG	0.051510246	18833	9.5 inHg	0070928-03
C4	07/08/20		1.435		2	NE	45	0.6	C4 passive	ERG	0.051510246	SAT170	9.1 inHg	0071703-02
C4	07/08/20	QA	0.146		2	NE	45	0.6	C4 passive QA	ERG	0.051510246	19645	7.0 inHg	0071703-05
C4	07/14/20		0.211		2	NW	320	0.2	C4 passive	ERG	0.051510246	19646	8.9 inHg	0072412-03
C4	07/20/20		0.390		2	E	80	0.1	C4 passive	ERG	0.051510246	33314	0.0 inHg	0072412-06
C4	07/26/20		1.515			W	268	0.05	C4 passive	ERG	0.051510246	A21086	2.0 inHg	0080534-03
C4	08/01/20		0.987		LK	SW	214	0.5	C4 passive	ERG	0.051510246	5009	5.4 inHg	0081410-03
C4	08/07/20		0.636			ENE	60	0.1	C4 passive	ERG	0.051510246	SAT004	3.9 inHg	0081410-06
C4	08/07/20	QA	0.293			ENE	60	0.1	C4 passive QA	ERG	0.051510246	19641	3.1 inHg	0081325-02
C4	08/13/20		0.165			S	190	0.1	C4 passive	ERG	0.051510246	33236	4.0 inHg	0082118-01
C4	08/19/20			AN		ESE	108	0.2	C4 passive	ERG		SAT181	29.7 inHg	0082742-01
C4	08/25/20		0.551		LK	ENE	67	0.3	C4 passive	ERG	0.051510246	5045	4.1 inHg	0090239-01
C4	08/31/20		0.511			W	278	0.1	C4 passive	ERG	0.051510246	A22328	3.9 inHg	0090413-03
C4	09/06/20		0.712		2	ENE	64	0.2	C4 passive	ERG	0.051510246	A21106	0.0 inHg	0091631-02
C4	09/12/20		0.987		LK, D-F	E	85	1.8	C4 passive	ERG	0.051510246	5079	5.9 inHg	0092335-03
C4	09/12/20	QA	2.693		D-F, LK	E	85	1.8	C4 passive QA	ERG	0.051510246	SAT150	2.6 inHg	0092335-05
C4	09/18/20		0.264			NNW	30	0.8	C4 passive	ERG	0.051510246	A21039	3.9 inHg	0093025-03
C4	09/24/20		0.201			E	90	1.6	C4 passive	ERG	0.051510246	A21074	3.2 inHg	0093025-07
C4	09/30/20		0.140			WNW	300	1	C4 passive	ERG	0.051510246	2527	2.9 inHg	0100833-03
C4	10/06/20		0.761		LK	E	85	0.6	C4 passive	ERG	0.051510246	5065	3.9 inHg	0101528-03
C4	10/12/20		0.183			WNW	285	0.6	C4 passive	ERG	0.051510246	19648	3.0 inHg	0101605-01
C4	10/18/20		0.280			ENE	75	2.3	C4 passive	ERG	0.051510246	114322	2.0 inHg	0102916-03
C4	10/24/20		0.658			SSE	165	0.2	C4 passive	ERG	0.051510246	19298	3.5 inHg	0103006-03
C4	10/24/20	QA	0.952			SSE	165	0.2	C4 passive QA	ERG	0.051510246	114386	5.8 inHg	0103006-04
C4	10/30/20		0.195			NW	310	4.1	C4 passive	ERG	0.051510246	A21080	1.6 inHg	0111125-03
C4	11/05/20		0.826		LK	ENE	65	1	C4 passive	ERG	0.051510246	SAT088	1.9 inHg	0111824-03
C4	11/11/20		0.289			E	80	0.2	C4 passive	ERG	0.051510246	18864	3.2 inHg	0111824-07
C4	11/17/20		0.296		2	NW	315	3.4	C4 passive	ERG	0.051510246	A21099	0.0 inHg	0112513-03
C4	11/17/20	QA	0.150			NW	315	3.4	C4 passive QA	ERG	0.051510246	35156	3.8 inHg	0112513-05
C4	11/23/20		0.199		LK	NW	315	2.3	C4 passive	ERG	0.051510246	5085	2.6 inHg	0120411-03
C4	11/29/20		0.452		LK	E	84	0.7	C4 passive	ERG	0.051510246	5136	3.9 inHg	0121016-03
C4	12/05/20		0.253		2, LK	WNW	290	3.1	C4 passive	ERG	0.051510246	5051	0.0 inHg	0121104-03
C4	12/11/20			AN		ESE	115	0.2	C4 passive	ERG		19295	19.5 inHg	0122326-03
C4	12/17/20		0.058		2	WNW	295	3.5	C4 passive	ERG	0.051510246	19291	0.0 inHg	0123026-03
C4	12/17/20	QA	0.090			WNW	295	3.5	C4 passive QA	ERG	0.051510246	111217	2.9 inHg	0123026-04
C4	12/23/20			AA		E	92	1.7	C4 passive	ERG	0.051510246	110335	VOID	1010626-03
C4	12/29/20			AF		ENE	75	0.8	C4 passive	ERG		110342	29.2 inHg	1011326-04
C4	01/04/21		0.076			WNW	295	1.2	C4 passive	ERG	0.051510246	33232	3.8 inHg	1011326-08
C4	01/10/21		0.052			ENE	70	0.5	C4 passive	ERG	0.051510246	18882	4.2 inHg	1012127-04
C4	01/10/21			BI		ENE	70	0.5	C4 passive	ERG		SAT181	VOID	1012127-03
C4	01/16/21		0.277			WNW	285	2.3	C4 passive	ERG	0.051510246	SAT177	3.0 inHg	1012726-02
C4	01/22/21		0.625			WNW	300	0.7	C4 passive	ERG	0.051510246	SAT012	3.1 inHg	1012903-03
C4	01/28/21			AA		NW	315	5.6	C4 passive	ERG	0.051510246	5110	VOID	1020519-03
C4	02/03/21			AA		NW	310	3.6	C4 passive	ERG	0.047172541	111219	VOID	1021208-04
C4	02/09/21		0.138			ENE	65	0.6	C4 passive	ERG	0.047172541	110306	6.0 inHg	1021908-03
C4	02/15/21		0.580		D-F, LK	E	85	2.4	C4 passive	ERG	0.047172541	SAT073	5.1 inHg	1022211-03
C4	02/15/21	QA	0.327		D-F, LK	E	85	2.4	C4 passive QA	ERG	0.047172541	A21086	1.9 inHg	1022211-04

C4	02/21/21		0.399			ESE	105	2.1	C4 passive	ERG	0.047172541	A21078	4.5 inHg	1030510-03
C4	02/27/21		0.206			ENE	70	1	C4 passive	ERG	0.047172541	18831	4.1 inHg	1031121-03
C4	03/05/21			AF		NNW	340	1.5	C4 passive	ERG	0.0472		Did not Collect	No sample ID possible
C4	03/11/21		0.727		LK	S	185	0.6	C4 passive	ERG	0.047172541	SAT127	4.7 inHg	1031639-03
C4	03/17/21		0.195			E	85	1.5	C4 passive	ERG	0.047172541	114386	5.9 inHg	1032432-03
C4	03/23/21		0.347			E	80	2.3	C4 passive	ERG	0.047172541	A21013	5.1 inHg	1040729-02
C4	03/23/21	QA	0.235		2	E	80	2.3	C4 passive QA	ERG	0.047172541	110257	7.1 inHg	1040824-02
C4	03/29/21		0.142			N	0	1.6	C4 passive	ERG	0.047172541	19283	4.8 inHg	1041343-02
C4	04/04/21		0.322		LK	WNW	285	0.8	C4 passive	ERG	0.047172541	SAT174	4.0 inHg	1042215-03
C4	04/10/21		0.248		2	SSE	160	1.1	C4 passive	ERG	0.047172541	110305	6.2 inHg	1042215-07
C4	04/16/21		0.090			NE	45	0.7	C4 passive	ERG	0.047172541	110252	4.9 inHg	1042933-03
C4	04/22/21		0.147			NNW	345	2	C4 passive	ERG	0.047172541	A21022	3.3 inHg	1043022-02
C4	04/22/21	QA	0.376			NNW	345	2	C4 passive QA	ERG	0.047172541	2767	3.2inhg	1050321-02
C4	04/28/21		0.282			SSW	205	0.4	C4 passive	ERG	0.047172541	33516	4.5 inHg	1050523-03
C4	05/04/21		0.611			W	265	1.2	C4 passive	ERG	0.047172541	49	5.2 inHg	1051942-03
C4	05/10/21		0.100		2	WNW	290	1.3	C4 passive	ERG	0.047172541	33532	1.00 inHg	1051942-07
C4	05/16/21		0.286		2	SW	225	0.4	C4 passive	ERG	0.047172541	19300	6.7 inHg	1060323-05
C4	05/22/21		2.133		LK	ENE	70	0.5	C4 passive	ERG	0.047172541	A21091	6.0 inHg	1060323-06
C4	05/28/21		0.173		2	WSW	245	1.1	C4 passive	ERG	0.047172541	33314	6.1 inHg	1060415-03
C4	05/28/21	QA	0.090		2	WSW	245	1.1	C4 passive QA	ERG	0.047172541	19291	7.7 inHg	1060746-01
C5	10/30/19		0.361		LK, 2	SE	130	1.2	C5 passive	ERG	0.045184426	A21082	2.0 inHg	9110118-06
C5	11/01/19		0.093		LK, 2	NW	320	1.9	C5 passive	ERG	0.045184426	19650	0.0 inHg	9110553-05
C5	11/03/19		0.222			NW	320	0.6	C5 passive	ERG	0.045184426	A21045	1.1 inHg	9110635-04
C5	11/05/19		0.093			NNE	30	0.6	C5 passive	ERG	0.045184426	18822	1.9 inHg	9110810-04
C5	11/08/19		0.224			NNW	330	1.9	C5 passive	ERG	0.045184426	19643	2.2 inHg	9111412-05
C5	11/13/19		0.183			E	90	2	C5 passive	ERG	0.045184426	19276	0.5 inHg	9111509-03
C5	11/15/19			AF		NE	50	1.3	C5 passive	ERG		5072	VOID	9112026-05
C5	11/20/19		0.813			NNW	315	1	C5 passive	ERG	0.045184426	19652	0.1 inHg	9112711-07
C5	11/20/19	QA	0.757			NNW	315	1	C5 passive QA	ERG	0.045184426	18875	3.9 inHg	9112711-09
C5	11/23/19		0.121		2	W	285	1.5	C5 passive	ERG	0.045184426	19666	6.6 inHg	9112711-08
C5	11/29/19		0.139		LK, 2	ENE	75	0.1	C5 passive	ERG	0.045184426	18832	6.2 inHg	9120610-04
C5	12/05/19		0.611			NW	315	0.9	C5 passive	ERG	0.045184426	2527	4.0 inHg	9121207-07
C5	12/08/19		0.108		LK	E	90	3.3	C5 passive	ERG	0.045184426	19298	6.0 inHg	9121207-08
C5	12/11/19		0.213		LK, 2	NNW	335	2.7	C5 passive	ERG	0.045184426	A21072	0.0 inHg	9121841-05
C5	12/14/19		0.136		LK	WNW	290	2.3	C5 passive	ERG	0.045184426	A21101	5.1 inHg	9121841-09
C5	12/17/19		0.345		LK, 2	WNW	300	3.4	C5 passive	ERG	0.045184426	5114	7.1 inHg	9122019-04
C5	12/19/19		0.416		LK, 2	NNE	45	0.8	C5 passive	ERG	0.045184426	5127	0.0 inHg	0010322-04
C5	12/23/19			AN		ENE	70	5.1	C5 passive	ERG		5126	VOID	0010322-08
C5	12/31/19		0.138		LK	W	275	2.9	C5 passive	ERG	0.045184426	5062	1.0 inHg	0010717-04
C5	01/04/20			AN		WNW	290	4.3	C5 passive	ERG		SAT155	18.3 inHg	0010907-04
C5	01/07/20		0.215		2, LK	WNW	285	2.8	C5 passive	ERG	0.045184426	A21073	0.0 inHg	0011423-03
C5	01/10/20		0.257		LK	E	80	2.4	C5 passive	ERG	0.045184426	SAT118	1.6 inHg	0011423-07
C5	01/14/20			AF		NW	320	0.3	C5 passive	ERG		SAT060	25.0 inHg	0011705-04
C5	01/16/20			AF		NW	320	2.8	C5 passive	ERG		5089	VOID	0012927-04
C5	01/19/20		0.557		LK	NW	310	4.9	C5 passive	ERG	0.045184426	5059	1.2 inHg	0012317-04
C5	01/22/20		0.278		2	ENE	75	1.7	C5 passive	ERG	0.045184426	19282	0.0 inHg	0012927-09
C5	01/25/20		0.178		2	WNW	290	2.6	C5 passive	ERG	0.045184426	19641	0.0 inHg	0013008-02
C5	01/28/20		0.766			NW	315	1.3	C5 passive	ERG	0.045184426	SAT097	4.3 inHg	0020524-04
C5	01/30/20		0.361		LK	ENE	75	1.5	C5 passive	ERG	0.045184426	5117	5.2 inHg	0020524-07
C5	02/03/20		0.327			WSW	245	0.6	C5 passive	ERG	0.045184426	SAT120	5.2 inHg	0021311-04
C5	02/09/20		0.143		2	E	80	1.3	C5 passive	ERG	0.045184426	19644	0.0 inHg	0021921-04

C5	02/15/20	0.718		2	E	92	0.4	C5 passive	ERG	0.045184426	A21105	0.0 inHg	0022425-04
C5	02/21/20	1.130		2	NE	45	0.5	C5 passive	ERG	0.045184426	19662	0.0 inHg	0022816-04
C5	02/27/20	0.208		2, LK	NW	315	3.8	C5 passive	ERG	0.045184426	SAT099	0.0 inHg	0030604-04
C5	03/04/20	0.318		LK	NE	45	0.1	C5 passive	ERG	0.051510246	A21044	4.2 inHg	0031012-04
C5	03/10/20	0.633		LK	SW	240	1.4	C5 passive	ERG	0.051510246	AZ40	3.0 inHg	0031836-04
C5	03/16/20	0.139		2	E	85	6.1	C5 passive	ERG	0.051510246	A21010	0.0 inHg	0032321-04
C5	03/22/20	0.347			ENE	80	2.8	C5 passive	ERG	0.051510246	18880	2.2 inHg	0040115-05
C5	03/28/20	0.376			WSW	245	1.1	C5 passive	ERG	0.051510246	A21081	5.1 inHg	0040814-01
C5	04/03/20	0.394			NW	310	0.6	C5 passive	ERG	0.051510246	19657	3.7 inHg	0041001-04
C5	04/09/20	0.568		2	WNW	290	3.3	C5 passive	ERG	0.051510246	SAT061	4.8 inHg	0041707-05
C5	04/15/20	0.342			NW	315	2.9	C5 passive	ERG	0.051510246	19662	3.1 inHg	0042218-04
C5	04/21/20	0.705		LK, 2	WNW	285	2.2	C5 passive	ERG	0.051510246	SAT164	3.2 inHg	0050114-05
C5	04/27/20	0.345		2	NW	310	2.2	C5 passive	ERG	0.051510246	A21005	4.7 inHg	0050615-04
C5	05/03/20	0.361			W	270	1.2	C5 passive	ERG	0.051510246	SAT117	4.8 inHg	0051324-04
C5	05/09/20	0.824			NW	310	2.1	C5 passive	ERG	0.051510246	SAT185	3.2 inHg	0051504-03
C5	05/15/20	0.300			SSE	148	0.3	C5 passive	ERG	0.051510246	53	3.9 inHg	0052848-03
C5	05/21/20	0.699			NE	85	0.5	C5 passive	ERG	0.051510246	SAT169	2.9 inHg	0052918-06
C5	05/27/20	0.539			E	80	2.6	C5 passive	ERG	0.051510246	SAT057	4.1 inHg	0060508-04
C5	06/02/20	0.571		LK	SW	238	0.2	C5 passive	ERG	0.051510246	5042	5.1 inHg	0061042-04
C5	06/08/20	0.137			ESE	120	1.1	C5 passive	ERG	0.051510246	33275	4.8 inHg	0061731-05
C5	06/14/20	0.622			ENE	70	1.2	C5 passive	ERG	0.051510246	SAT092	4.5 inHg	0061908-04
C5	06/20/20	0.506			NNW	330	0.8	C5 passive	ERG	0.051510246	19654	4.7 inHg	0070602-04
C5	06/26/20	1.231		LK	WNW	285	2.2	C5 passive	ERG	0.051510246	5048	5.2 inHg	0070840-04
C5	07/02/20	0.647			NNW	335	1.2	C5 passive	ERG	0.051510246	SAT033	5.2 inHg	0070928-04
C5	07/08/20	1.131		LK	NE	45	0.6	C5 passive	ERG	0.051510246	5130	5.1 inHg	0071703-04
C5	07/14/20	0.539			NW	320	0.2	C5 passive	ERG	0.051510246	SAT087	4.8 inHg	0072412-04
C5	07/20/20	0.338		2	E	80	0.1	C5 passive	ERG	0.051510246	35134	0.0 inHg	0072412-07
C5	07/26/20	0.642			W	268	0.05	C5 passive	ERG	0.051510246	A21022	2.9 inHg	0080618-01
C5	08/01/20	1.211			SW	214	0.5	C5 passive	ERG	0.051510246	SAT038	2.9 inHg	0081410-04
C5	08/07/20	1.177			ENE	60	0.1	C5 passive	ERG	0.051510246	SAT042	2.1 inHg	0081410-07
C5	08/13/20		AF		S	190	0.1	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/19/20		AF		ESE	108	0.2	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/25/20		AF		ENE	67	0.3	C5 passive	ERG			Did not Collect	No sample ID possible
C5	08/31/20	0.192			W	278	0.1	C5 passive	ERG	0.051510246	18837	2.1 inHg	0090413-04
C5	09/06/20	0.257			ENE	64	0.2	C5 passive	ERG	0.051510246	A21103	2.4 inHg	0092126-01
C5	09/12/20	0.591		LK	E	85	1.8	C5 passive	ERG	0.051510246	5050	4.9 inHg	0092335-04
C5	09/18/20	1.182			NNW	30	0.8	C5 passive	ERG	0.051510246	SAT002	2.9 inHg	0093025-04
C5	09/24/20	0.452			E	90	1.6	C5 passive	ERG	0.051510246	SAT003	1.9 inHg	0093025-08
C5	09/30/20	0.403		LK	WNW	300	1	C5 passive	ERG	0.051510246	AZ50	1.5 inHg	0100833-04
C5	10/06/20	0.277		LK	E	85	0.6	C5 passive	ERG	0.051510246	5044	3.1 inHg	0101528-04
C5	10/12/20		AF		WNW	285	0.6	C5 passive	ERG			Did not Collect	No sample ID possible
C5	10/18/20	0.155		2	ENE	75	2.3	C5 passive	ERG	0.051510246	110308	0.0 inHg	0102916-04
C5	10/24/20	0.333			SSE	165	0.2	C5 passive	ERG	0.051510246	110306	2.9 inHg	0111210-01
C5	10/30/20	0.387		LK	NW	310	4.1	C5 passive	ERG	0.051510246	SAT159	1.1 inHg	0111125-04
C5	11/05/20	0.484		LK	ENE	65	1	C5 passive	ERG	0.051510246	AZ52	1.5 inHg	0111824-04
C5	11/11/20	0.672			E	80	0.2	C5 passive	ERG	0.051510246	SAT005	2.2 inHg	0111824-08
C5	11/17/20	0.097			NW	315	3.4	C5 passive	ERG	0.051510246	19663	1.0 inHg	0112513-04
C5	11/23/20	0.202			NW	315	2.3	C5 passive	ERG	0.051510246	SAT179	1.3 inHg	0120411-04

C5	11/29/20		0.430		LK	E	84	0.7	C5 passive	ERG	0.051510246	5064	2.9 inHg	0121016-04
C5	12/05/20		0.065			WNW	290	3.1	C5 passive	ERG	0.051510246	19667	1.5 inHg	0121104-04
C5	12/11/20		0.178			ESE	115	0.2	C5 passive	ERG	0.051510246	A21011	2.8 inHg	0122326-04
C5	12/17/20		0.079		2	WNW	295	3.5	C5 passive	ERG	0.051510246	110308	0.0 inHg	0123026-05
C5	12/23/20		0.123		2	E	92	1.7	C5 passive	ERG	0.051510246	111219	0.0 inHg	1010626-04
C5	12/29/20		0.246		2	ENE	75	0.8	C5 passive	ERG	0.051510246	110306	6.4 inHg	1011326-05
C5	01/04/21		0.284		2	WNW	295	1.2	C5 passive	ERG	0.051510246	A21076	0.0 inHg	1011326-09
C5	01/10/21		0.231		2	ENE	70	0.5	C5 passive	ERG	0.051510246	SAT067	0.0 inHg	1012127-05
C5	01/16/21		0.038		VB	WNW	285	2.3	C5 passive	ERG	0.051510246	33266	1.2 inHg	1012726-04
C5	01/22/21		0.412			WNW	300	0.7	C5 passive	ERG	0.051510246	SAT003	1.1 inHg	1012903-04
C5	01/28/21		0.298		LK	NW	315	5.6	C5 passive	ERG	0.051510246	5125	1.9 inHg	1020519-04
C5	02/03/21		0.076			NW	310	3.6	C5 passive	ERG	0.047172541	114366	1.0 inHg	1021208-05
C5	02/09/21		0.267			ENE	65	0.6	C5 passive	ERG	0.047172541	110257	3.2 inHg	1021908-04
C5	02/15/21		0.000		ND, U	E	85	2.4	C5 passive	ERG	0.047172541	19293	2.3 inHg	1022211-05
C5	02/21/21		0.058			ESE	105	2.1	C5 passive	ERG	0.047172541	19657	2.0 inHg	1030510-04
C5	02/21/21	QA	0.181			ESE	105	2.1	C5 passive QA	ERG	0.047172541	SAT118	1.2 inHg	1030510-05
C5	02/27/21		0.000		ND, U	ENE	70	1	C5 passive	ERG	0.047172541	19284	1.2 inHg	1031029-01
C5	03/05/21			AF		NNW	340	1.5	C5 passive	ERG	0.0472		Did not Collect	No sample ID possible
C5	03/11/21		0.122			S	185	0.6	C5 passive	ERG	0.047172541	A21039	1.7 inHg	1031639-04
C5	03/17/21		0.081			E	85	1.5	C5 passive	ERG	0.047172541	111217	2.9 inHg	1032432-04
C5	03/23/21		0.412		LK	E	80	2.3	C5 passive	ERG	0.047172541	SAT018	2.0 inHg	1040824-03
C5	03/29/21			AA		N	0	1.6	C5 passive	ERG	0.0472	A21025	VOID	1041343-04
C5	04/04/21		0.484		2, LK	WNW	285	0.8	C5 passive	ERG	0.047172541	SAT067	0.0 inHg	1042215-04
C5	04/10/21		0.380		2	SSE	160	1.1	C5 passive	ERG	0.047172541	A21101	0.0 inHg	1042215-08
C5	04/16/21		0.087			NE	45	0.7	C5 passive	ERG	0.047172541	110314	0.0 inHg	1042933-04
C5	04/22/21		0.098		2	NNW	345	2	C5 passive	ERG	0.047172541	18830	6.9 inHg	1050321-03
C5	04/28/21		0.084		2	SSW	205	0.4	C5 passive	ERG	0.047172541	111211	0.0 inHg	1050523-04
C5	05/04/21		0.488			W	265	1.2	C5 passive	ERG	0.047172541	A21099	4.0 inHg	1051942-04
C5	05/10/21		0.177			WNW	290	1.3	C5 passive	ERG	0.047172541	A21025	3.8 inHg	1051942-08
C5	05/16/21		0.124			SW	225	0.4	C5 passive	ERG	0.047172541	19287	3.9 inHg	1060323-07
C5	05/22/21		0.833			ENE	70	0.5	C5 passive	ERG	0.047172541	A21095	2.9 inHg	1060323-08
C5	05/28/21		1.390			WSW	245	1.1	C5 passive	ERG	0.047172541	18828	4.0 inHg	1060415-04
C7	10/30/19		0.161			SE	130	1.2	C7 passive	ERG	0.045184426	18834	5.0 inHg	9110118-07
C7	11/01/19		0.060			NW	320	1.9	C7 passive	ERG	0.045184426	18879	1.5 inHg	9110553-06
C7	11/03/19		0.351		LK	NW	320	0.6	C7 passive	ERG	0.045184426	5086	3.0 inHg	9110635-05
C7	11/05/19		0.201			NNE	30	0.6	C7 passive	ERG	0.045184426	SAT071	3.1 inHg	9110810-05
C7	11/08/19		0.217			NNW	330	1.9	C7 passive	ERG	0.045184426	SAT106	3.2 inHg	9111412-06
C7	11/13/19			AF		E	90	2	C7 passive				Did not Collect	No sample ID possible
C7	11/15/19		0.123			NE	50	1.3	C7 passive	ERG	0.045184426	18821	2.0 inHg	9112026-06
C7	02/27/20		0.280		LK	NW	315	3.8	C7 passive	ERG	0.045184426	5146	1.6 inHg	0030604-05
C7	03/28/20		0.602		2	WSW	245	1.1	C7 passive	ERG	0.051510246	SAT185	4.2 inHg	0040814-04
C7	04/27/20		0.871		2	NW	310	2.2	C7 passive	ERG	0.051510246	SAT157	2.0 inHg	0050615-05
C7	05/27/20		0.367			E	80	2.6	C7 passive	ERG	0.051510246	SAT100	2.5 inHg	0060508-05
C7	06/20/20		1.674		2	NNW	330	0.8	C7 passive	ERG	0.051510246	SAT165	6.8 inHg	0070602-05
C7	07/20/20		1.028		LK, 2	E	80	0.1	C7 passive	ERG	0.051510246	5010	0.0 inHg	0072412-08
C7	08/19/20			AF		ESE	108	0.2	C7 passive				Did not Collect	No sample ID possible
C7	09/24/20		0.410		LK	E	90	1.6	C7 passive	ERG	0.051510246	5051	1.0 inHg	0093025-09
C7	10/30/20		0.586		LK	NW	310	4.1	C7 passive	ERG	0.051510246	5081	5.1 inHg	0111125-05
C7	11/23/20			AN		NW	315	2.3	C7 passive	ERG		AZ50	VOID	0120411-05

C7	12/23/20	0.092			E	92	1.7	C7 passive	ERG	0.051510246	114336	3.8 inHg	1010525-01
C7	01/28/21	1.372			NW	315	5.6	C7 passive	ERG	0.051510246	SAT166	2.0 inHg	1020519-05
C7	02/27/21	0.080		2	ENE	70	1	C7 passive	ERG	0.047172541	33533	0.5 inHg	1031121-04
C7	03/29/21		AA		N	0	1.6	C7 passive	ERG	0.0472	A21058	0.0 inHg	1041343-01
C7	04/28/21	0.707			SSW	205	0.4	C7 passive	ERG	0.047172541	SAT043	6 inHg	1050523-05
C7	05/22/21	0.925		LK, 2	ENE	70	0.5	C7 passive	ERG	0.047172541	A21067	6.8 inHg	1060323-09
F1	01/16/20	0.174			NW	321	4.2	F1 passive	ERG	0.045184426	18884	4.3 inHg	0012318-01
F1	01/22/20	0.295		LK	ENE	65	1.6	F1 passive	ERG	0.045184426	5126	2.8 inHg	0013007-01
F1	01/28/20	0.817		LK	NNW	327	1.5	F1 passive	ERG	0.045184426	5125	4.2 inHg	0020526-01
F1	02/03/20	0.345			SSW	202	1.8	F1 passive	ERG	0.045184426	SAT087	3.1 inHg	0021215-01
F1	02/09/20	0.439		LK, 2	ESE	109	2.4	F1 passive	ERG	0.045184426	SAT021	10.8 inHg	0021824-01
F1	02/15/20	0.392			E	99	2.1	F1 passive	ERG	0.045184426	A21083	2.0 inHg	0022613-01
F1	02/21/20	0.636			NNW	343	2.2	F1 passive	ERG	0.045184426	A21022	3.2 inHg	0030234-01
F1	02/27/20		AL		NW	312	4	F1 passive	ERG		18828	19.2 inHg	0030606-01
F1	03/04/20	0.862			SW	272	1.2	F1 passive	ERG	0.051510246	SAT163	4.6 inHg	0031135-01
F1	03/10/20		AL		SW	218	1.9	F1 passive	ERG		18875	VOID	0031834-01
F1	03/16/20	0.369		2	E	83	3	F1 passive	ERG	0.051510246	19289	12.0 inHg	0032319-01
F1	03/22/20	0.311			ENE	78	2.7	F1 passive	ERG	0.051510246	18829	1.8 inHg	0040113-01
F1	03/28/20		AN		SW	220	2.7	F1 passive	ERG		SAT023	17.5 inHg	0040816-01
F1	04/03/20	1.625		LK, 2	WNW	284	1.3	F1 passive	ERG	0.051510246	5048	6.9 inHg	0041002-01
F1	04/09/20	0.904		2	WNW	295	4.5	F1 passive	ERG	0.051510246	18837	7.1 inHg	0041619-01
F1	04/15/20	0.589		LK, 2	NNW	322	3.8	F1 passive	ERG	0.051510246	5072	6.4 inHg	0042219-01
F1	04/21/20	0.638		2	WNW	291	3	F1 passive	ERG	0.051510246	19668	6.1 inHg	0050112-01
F1	04/27/20	1.504		2	NW	324	2.8	F1 passive	ERG	0.051510246	SAT043	5.8 inHg	0050616-01
F1	05/03/20	0.634		LK, 2	SW	230	2.5	F1 passive	ERG	0.051510246	5103	0.0 inHg	0051408-01
F1	05/09/20	1.298		LK	NNW	335	3.2	F1 passive	ERG	0.051510246	AZ41	5.1 inHg	0051508-02
F1	05/15/20	0.568		LK, 2	SSE	155	2.6	F1 passive	ERG	0.051510246	5110	7.9 inHg	0052847-01
F1	05/21/20	1.104		2	ENE	70	1.4	F1 passive	ERG	0.051510246	SAT017	6.2 inHg	0052919-02
F1	05/27/20	0.616		2	ENE	70	3.2	F1 passive	ERG	0.051510246	35126	6.1 inHg	0060507-01
F1	06/02/20	0.403		LK, 2	SSW	210	1.1	F1 passive	ERG	0.051510246	5117	7.5 inHg	0061732-01
F1	06/08/20	1.139		2	ESE	120	2.7	F1 passive	ERG	0.051510246	SAT037	6.9 inHg	0061732-03
F1	06/14/20	0.286		2	E	85	1.6	F1 passive	ERG	0.051510246	18879	6.2 inHg	0062525-01
F1	06/20/20	0.484		2	NNW	339	1.1	F1 passive	ERG	0.051510246	18827	7.2 inHg	0062612-01
F1	06/26/20	1.175		2	W	269	2.5	F1 passive	ERG	0.051510246	SAT039	6.6 inHg	0070603-01
F1	07/02/20	1.189		2, LK	NW	316	1.5	F1 passive	ERG	0.051510246	35110	6.9 inHg	0070930-01
F1	07/08/20	0.389		2	NNW	333	0.9	F1 passive	ERG	0.051510246	A21080	6.8 inHg	0071533-01
F1	07/14/20	1.430		LK, 2	WNW	293	0.6	F1 passive	ERG	0.051510246	AZ45	6.9 inHg	0072414-01
F1	07/20/20	0.719			NW	318	0.9	F1 passive	ERG	0.051510246	18829	2.1 inHg	0072931-01
F1	07/26/20	1.567		LK	WSW	239	1.1	F1 passive	ERG	0.051510246	5086	2.7 inHg	0080536-01
F1	08/01/20	0.784			SW	232	2.5	F1 passive	ERG	0.051510246	SAT057	1.6 inHg	0080617-01
F1	08/07/20	2.169		LK	NNW	339	1.4	F1 passive	ERG	0.051510246	SAT123	1.0 inHg	0081933-01
F1	08/13/20	1.598			W	271	1.1	F1 passive	ERG	0.051510246	SAT068	5.8 inHg	0082115-01
F1	08/19/20		AO		NE	54	1.4	F1 passive	ERG		5020	VOID	0082739-01
F1	08/25/20	0.340		2	ENE	59	1.5	F1 passive	ERG	0.051510246	A21089	0.0 inHg	0090238-01
F1	08/31/20	0.228		2	WNW	290	1	F1 passive	ERG	0.051510246	18822	0.0 inHg	0090830-01
F1	09/06/20	0.445		LK, 2	NE	55	1.4	F1 passive	ERG	0.051510246	5119	0.0 inHg	0092333-01
F1	09/12/20	0.113			E	90	2.3	F1 passive	ERG	0.051510246	19278	1.6 inHg	0092333-04
F1	09/18/20	0.654		LK	NNW	341	1.3	F1 passive	ERG	0.051510246	5132	1.2 inHg	0092838-01
F1	09/24/20	0.399			E	100	2.5	F1 passive	ERG	0.051510246	2240	1.9 inHg	0100212-01
F1	09/30/20	0.519		2	W	267	1.6	F1 passive	ERG	0.051510246	SAT039	0.0 inHg	0100834-01
F1	10/06/20	0.251		2	NE	40	0.8	F1 passive	ERG	0.051510246	35136	0.0 inHg	0101530-01
F1	10/12/20	0.226		2	W	276	1.7	F1 passive	ERG	0.051510246	19647	0.0 inHg	0102301-01

F1	10/18/20		0.157		2	E	79	2.1	F1 passive	ERG	0.051510246	110305	0.0 inHg	0102915-01
F1	10/24/20		0.501		2	N	0	0.6	F1 passive	ERG	0.051510246	110314	0.0 inHg	0110528-01
F1	10/30/20		0.257		LK, 2	NW	319	4	F1 passive	ERG	0.051510246	SAT026	0.0 inHg	0110924-01
F1	11/05/20		0.146		2	NE	46	0.9	F1 passive	ERG	0.051510246	SAT022	0.0 inHg	0111208-01
F1	11/11/20		0.408			SSE	167	0.9	F1 passive	ERG	0.051510246	18872	1.9 inHg	0112511-01
F1	11/17/20		0.124		2	NNW	331	3.5	F1 passive	ERG	0.051510246	18810	0.0 inHg	0112511-03
F1	11/23/20		0.086		2	NNW	330	3.4	F1 passive	ERG	0.051510246	19645	0.0 inHg	0120412-01
F1	11/29/20		0.385		LK	E	83	1.8	F1 passive	ERG	0.051510246	5009	2.9 inHg	0120412-02
F1	12/05/20		0.376		2	WNW	302	2.2	F1 passive	ERG	0.051510246	19299	0.0 inHg	0121642-01
F1	12/11/20		0.361		2, LK	SSE	165	0.7	F1 passive	ERG	0.051510246	5042	0.0 inHg	0122327-01
F1	12/17/20		0.372		2	WNW	296	3.2	F1 passive	ERG	0.051510246	A21037	0.0 inHg	0122407-01
F1	12/23/20		0.136			SE	125	1.8	F1 passive	ERG	0.051510246	11211	1.2 inHg	1010625-01
F1	12/29/20		0.202			E	94	1.1	F1 passive	ERG	0.051510246	110252	1.1 inHg	1010524-01
F1	01/04/21		0.092			NW	318	1.4	F1 passive	ERG	0.051510246	33531	1.1 inHg	1011516-01
F1	01/10/21		0.192		2	N	9	0.8	F1 passive	ERG	0.051510246	SAT033	0.0 inHg	1012723-01
F1	01/16/21		0.093		2	W	272	3.1	F1 passive	ERG	0.051510246	19649	0.0 inHg	1012723-04
F1	01/22/21		0.573		LK, 2	NNW	329	1	F1 passive	ERG	0.051510246	5004	0.0 inHg	1020317-01
F1	01/28/21		0.000		ND, U, 2	NW	325	5.5	F1 passive	ERG	0.051510246	110308	0.0 inHg	1020425-01
F1	02/03/21		0.401		LK, 2	NW	312	3.5	F1 passive	ERG	0.047172541	5018	0.0 inHg	1021020-01
F1	02/03/21	QA	0.224		2	NW	312	3.5	F1 passive QA	ERG	0.047172541	A21103	0.0 inHg	1021020-02
F1	02/09/21		0.147			NE	41	1	F1 passive	ERG	0.047172541	SAT179	1 inHg	1021837-01
F1	02/15/21		0.000		ND, U	E	83	2.8	F1 passive	ERG	0.047172541	114329	4.5 inHg	1030327-01
F1	02/21/21		0.219		2	SE	136	2.6	F1 passive	ERG	0.047172541	A21073	0.5 inHg	1031122-01
F1	02/27/21		0.000		U, ND, 2	NE	54	1.6	F1 passive	ERG	0.047172541	33490	0.0 inHg	1031030-01
F1	03/05/21			AF		NW	325	2.2	F1 passive				Did not Collect	No sample ID possible
F1	03/11/21		0.129			WNW	302	1.1	F1 passive	ERG	0.047172541	19654	5.8 inHg	1031636-01
F1	03/17/21		0.173			E	79	2.5	F1 passive	ERG	0.047172541	110308	3.9 inHg	1032433-01
F1	03/23/21		0.427		LK	E	98	3	F1 passive	ERG	0.047172541	A21076	4.5 inHg	1040823-01
F1	03/29/21		0.144			NE	41	1.5	F1 passive	ERG	0.047172541	A21021	5.2 inHg	1041410-01
F1	04/04/21		0.222			NW	321	0.7	F1 passive	ERG	0.047172541	33535	1.2 inHg	1042216-01
F1	04/10/21		0.120			S	175	2.9	F1 passive	ERG	0.047172541	19287	5.1 inHg	1042216-03
F1	04/16/21		0.068			N	4	0.9	F1 passive	ERG	0.047172541	18821	4.7 inHg	1042934-01
F1	04/22/21			BI		NW	321	1.3	F1 passive	ERG		213	VOID	1050322-01
F1	04/28/21		0.519		2	SW	232	1.6	F1 passive	ERG	0.047172541	A21052	6.2 inHg	1051247-01
F1	05/04/21		0.180		2	SW	219	2.2	F1 passive	ERG	0.047172541	A21058	6.2 inHg	1051941-01
F1	05/10/21		0.455		2	W	268	2.2	F1 passive	ERG	0.047172541	18876	6.7 inHg	1051941-04
F1	05/16/21		0.571			SW	222	1.4	F1 passive	ERG	0.047172541	A21053	5.2 inHg	1060324-01
F1	05/22/21		0.394			NE	40	0.5	F1 passive	ERG	0.047172541	33240	5.3 inHg	1060324-02
F1	05/28/21		0.277		2	SW	219	2.8	F1 passive	ERG	0.047172541	110314	6.2 inHg	1060836-01
F2	01/28/20		2.874			NNW	327	4.2	F2 passive	ERG	0.045184426	SAT002	1.10 inHg	0020526-02
F2	02/03/20		0.560			SSW	202	1.8	F2 passive	ERG	0.045184426	19642	1.0 inHg	0021215-02
F2	02/09/20		0.381		LK, 2	ESE	109	2.4	F2 passive	ERG	0.045184426	5133	0.0 inHg	0021405-01
F2	02/15/20		1.128		LK	E	99	2.1	F2 passive	ERG	0.045184426	5086	1.5 inHg	0022613-02
F2	02/21/20		2.801		2	NNW	343	2.2	F2 passive	ERG	0.045184426	18832	0.0 inHg	0030234-02
F2	02/27/20		1.028		2	NW	312	4	F2 passive	ERG	0.045184426	19645	0.0 inHg	0030537-01
F2	03/04/20		2.838		2	SW	272	1.2	F2 passive	ERG	0.051510246	SAT130	0.0 inHg	0031135-02
F2	03/10/20		0.819		LK	SW	218	1.9	F2 passive	ERG	0.051510246	5132	1.0 inHg	0031834-02
F2	03/16/20		0.802		LK	E	83	3	F2 passive	ERG	0.051510246	5045	1.0 inHg	0032319-02
F2	03/22/20		0.965		2	ENE	78	2.7	F2 passive	ERG	0.051510246	SAT070	0.0 inHg	0040113-02
F2	03/28/20		0.687			SW	220	2.7	F2 passive	ERG	0.051510246	SAT123	2.9 inHg	0040816-02
F2	04/03/20		2.368		LK, 2	WNW	284	1.3	F2 passive	ERG	0.051510246	5081	0.0 inHg	0041002-02

F2	04/09/20		1.298		LK	WNW	295	4.5	F2 passive	ERG	0.051510246	AZ37	1.6 inHg	0041619-02
F2	04/15/20		2.747		2	NNW	322	3.8	F2 passive	ERG	0.051510246	SAT025	0.0 inHg	0042219-02
F2	04/21/20		0.831		2	WNW	291	3	F2 passive	ERG	0.051510246	SAT064	0.0 inHg	0050112-02
F2	04/27/20		3.615		2	NW	324	2.8	F2 passive	ERG	0.051510246	SAT007	0.0 inHg	0050616-02
F2	04/27/20	QA	3.488		2	NW	324	2.8	F2 passive QA	ERG	0.051510246	SAT011	4.5 inHg	0050616-03
F2	05/03/20			AA		SW	230	2.5	F2 passive	ERG		5115	VOID	0051408-02
F2	05/09/20		2.295		LK, 2	NNW	335	3.2	F2 passive	ERG	0.051510246	5076	6.5 inHg	0051508-01
F2	05/15/20		0.446		LK, 2	SSE	155	2.6	F2 passive	ERG	0.051510246	5080	8.0 inHg	0052847-02
F2	05/21/20		0.580		LK, 2	ENE	70	1.4	F2 passive	ERG	0.051510246	504	7.0 inHg	0052919-03
F2	05/27/20		0.329		2	ENE	70	3.2	F2 passive	ERG	0.051510246	SAT020	6.2 inHg	0060507-02
F2	06/02/20		0.954		2	SSW	210	1.1	F2 passive	ERG	0.051510246	33327	7.0 inHg	0061732-02
F2	06/08/20		0.831		LK, 2	ESE	120	2.7	F2 passive	ERG	0.051510246	5050	7.8 inHg	0061732-04
F2	06/08/20	QA	0.810		2	ESE	120	2.7	F2 passive QA	ERG	0.051510246	SAT069	6.9 inHg	0061732-05
F2	06/14/20			BI		E	85	1.6	F2 passive	ERG		SAT181	6.2 inHg	0062525-02
F2	06/20/20		0.887		2	NNW	339	1.1	F2 passive	ERG	0.051510246	19284	7.0 inHg	0062612-02
F2	06/26/20		1.717		LK, 2	W	269	2.5	F2 passive	ERG	0.051510246	5090	7.5 inHg	0070603-02
F2	07/02/20		1.731		2	NW	316	1.5	F2 passive	ERG	0.051510246	18830	7.1 inHg	0070930-02
F2	07/08/20		0.369		2	NNW	333	0.9	F2 passive	ERG	0.051510246	A21053	6.5 inHg	0071533-02
F2	07/08/20	QA	0.461		2	NNW	333	0.9	F2 passive QA	ERG	0.051510246	33232	0.0 inHg	0071533-03
F2	07/14/20		0.522		LK, 2	WNW	293	0.6	F2 passive	ERG	0.051510246	5055	7.4 inHg	0072414-02
F2	07/20/20		0.459			NW	318	0.9	F2 passive	ERG	0.051510246	33531	2.8 inHg	0072931-02
F2	07/26/20		0.860		LK	WSW	239	1.1	F2 passive	ERG	0.051510246	5054	3.4 inHg	0080536-02
F2	08/01/20		0.186			SW	232	2.5	F2 passive	ERG	0.051510246	33327	2.2 inHg	0080617-02
F2	08/07/20		4.410		LK, 2	NNW	339	1.4	F2 passive	ERG	0.051510246	35127	0.0 inHg	0081832-01
F2	08/13/20		0.504		D-F	W	271	1.1	F2 passive	ERG	0.051510246	33506	5.5 inHg	0082115-02
F2	08/13/20	QA	0.678		D-F	W	271	1.1	F2 passive QA	ERG	0.051510246	SAT178	5.3 inHg	0082115-03
F2	08/19/20		1.059			NE	54	1.4	F2 passive	ERG	0.051510246	19643	2.9 inHg	0082739-02
F2	08/25/20		0.349		LK	ENE	59	1.5	F2 passive	ERG	0.051510246	5035	2.1 inHg	0090238-02
F2	08/31/20		0.990		2	WNW	290	1	F2 passive	ERG	0.051510246	SAT076	0.0 inHg	0090830-02
F2	09/06/20		1.039		LK, 2	NE	55	1.4	F2 passive	ERG	0.051510246	SAT035	0.0 inHg	0092333-02
F2	09/12/20		1.641		LK	E	90	2.3	F2 passive	ERG	0.051510246	AZ37	1.9 inHg	0092333-05
F2	09/18/20		3.615		LK, D-F	NNW	341	1.3	F2 passive	ERG	0.051510246	5135	1.7 inHg	0092510-01
F2	09/18/20	QA	2.313		D-F	NNW	341	1.3	F2 passive QA	ERG	0.051510246	35143	1.0 inHg	0092510-03
F2	09/24/20		0.230			E	100	2.5	F2 passive	ERG	0.051510246	19283	2.2 inHg	0100212-02
F2	09/30/20		0.723		2, LK	W	267	1.6	F2 passive	ERG	0.051510246	5086	0.0 inHg	0100834-02
F2	10/06/20		0.307		2	NE	40	0.8	F2 passive	ERG	0.051510246	19667	0.0 inHg	0101530-02
F2	10/12/20		0.609		2	W	276	1.7	F2 passive	ERG	0.051510246	33533	0.0 inHg	0102301-02
F2	10/18/20		0.171		2	E	79	2.1	F2 passive	ERG	0.051510246	110342	0.0 inHg	0102915-02
F2	10/24/20		2.386		2	N	0	0.6	F2 passive	ERG	0.051510246	110257	7.1 inHg	0110528-02
F2	10/24/20	QA	1.701		D-F	N	0	0.6	F2 passive QA	ERG	0.051510246	110322	4.9 inHg	0110528-04
F2	10/30/20			AA		NW	319	4	F2 passive	ERG		5013	VOID	0110924-02
F2	11/05/20			AL		NE	46	0.9	F2 passive	ERG		SAT008	VOID	0111208-02
F2	11/11/20		1.032		LK	SSE	167	0.9	F2 passive	ERG	0.051510246	SAT035	5.9 inHg	0112511-02
F2	11/17/20		1.253			NNW	331	3.5	F2 passive	ERG	0.051510246	SAT149	3.6 inHg	0112511-04
F2	11/17/20	QA	0.990			NNW	330	3.4	F2 passive QA	ERG	0.051510246	33236	2.0 inHg	0112511-05
F2	11/23/20		1.489			NNW	330	3.4	F2 passive	ERG	0.051510246	18808	3.8 inHg	0120412-03
F2	11/29/20		1.146		LK	E	83	1.8	F2 passive	ERG	0.051510246	SAT112	4.8 inHg	0120412-04
F2	12/05/20		1.030		LK	WNW	302	2.2	F2 passive	ERG	0.051510246	5022	4.2 inHg	0121642-02
F2	12/11/20		1.616			SSE	165	0.7	F2 passive	ERG	0.051510246	19653	3.8 inHg	0122327-02
F2	12/17/20		0.745			WNW	296	3.2	F2 passive	ERG	0.051510246	18865	2.3 inHg	0122407-02
F2	12/17/20	QA	0.889		2	WNW	296	3.2	F2 passive QA	ERG	0.051510246	35131	0.0 inHg	0122407-03
F2	12/23/20		0.190			SE	125	1.8	F2 passive	ERG	0.051510246	A21013	5.1 inHg	1010625-02

F2	12/29/20		0.457		2	E	94	1.1	F2 passive	ERG	0.051510246	114366	0.0 inHg	1010524-02
F2	01/04/21		0.151			NW	318	1.4	F2 passive	ERG	0.051510246	A21026	3.8 inHg	1011516-02
F2	01/10/21		1.283			N	9	0.8	F2 passive	ERG	0.051510246	18889	2.3 inHg	1012723-02
F2	01/10/21	QA	1.623			N	9	0.8	F2 passive QA	ERG	0.051510246	SAT161	3inhg	1012723-03
F2	01/16/21		0.394		LK	W	272	3.1	F2 passive	ERG	0.051510246	AZ45	3inhg	1012723-05
F2	01/22/21		0.249			NNW	329	1	F2 passive	ERG	0.051510246	33544	3.9 inHg	1020317-02
F2	01/28/21		0.815			NW	325	5.5	F2 passive	ERG	0.051510246	SAT014	3.3 inHg	1020425-02
F2	02/03/21		0.273			NW	312	3.5	F2 passive	ERG	0.047172541	35143	2.8 inHg	1021020-03
F2	02/09/21		0.179			NE	41	1	F2 passive	ERG	0.047172541	18874	4.1 inHg	1021837-02
F2	02/09/21	QA	0.313			NE	41	1	F2 passive QA	ERG	0.047172541	SAT009	1.8inhg	1021837-03
F2	02/15/21		0.264		LK	E	83	2.8	F2 passive	ERG	0.047172541	SAT159	4.6 inHg	1030327-02
F2	02/21/21		0.126			SE	136	2.6	F2 passive	ERG	0.047172541	SAT070	2.3 inHg	1030327-03
F2	02/27/21		0.542		LK	NE	54	1.6	F2 passive	ERG	0.047172541	SAT110	3.7 inHg	1031122-02
F2	03/05/21			AF		NW	325	2.2	F2 passive				Did not Collect	No sample ID possible
F2	03/11/21		0.360		2	WNW	302	1.1	F2 passive	ERG	0.047172541	18825	6.8 inHg	1031636-02
F2	03/17/21		0.096		2	E	79	2.5	F2 passive	ERG	0.047172541	110335	6.9 inHg	1032433-02
F2	03/23/21		0.108		2	E	98	3	F2 passive	ERG	0.047172541	110306	7.5 inHg	1040823-02
F2	03/23/21	QA	0.162			E	98	3	F2 passive QA	ERG	0.047172541	110342	5.8inhg	1040731-01
F2	03/29/21		0.178		2	NE	41	1.5	F2 passive	ERG	0.047172541	114340	8.1 inHg	1041342-01
F2	04/04/21		0.519		2	NW	321	0.7	F2 passive	ERG	0.047172541	SAT180	6.1 inHg	1042216-02
F2	04/10/21		0.524		LK, 2	S	175	2.9	F2 passive	ERG	0.047172541	AZ52	8 inHg	1042216-04
F2	04/16/21		0.257		2	N	4	0.9	F2 passive	ERG	0.047172541	18882	7.8 inHg	1042934-02
F2	04/22/21		0.179			NW	321	1.3	F2 passive	ERG	0.047172541	A21034	5.2 inHg	1043023-01
F2	04/22/21	QA	0.192		2	NW	321	1.3	F2 passive QA	ERG	0.047172541	114366	0.0 inHg	1050322-02
F2	04/28/21		0.419		2	SW	232	1.6	F2 passive	ERG	0.047172541	A22328	7.9 inHg	1051721-01
F2	05/04/21		0.273			SW	219	2.2	F2 passive	ERG	0.047172541	114348	5.8 inHg	1051941-02
F2	05/10/21		1.083		2	W	268	2.2	F2 passive	ERG	0.047172541	A21098	8.5 inHg	1051941-05
F2	05/16/21		0.141		2	SW	222	1.4	F2 passive	ERG	0.047172541	18822	6.9 inHg	1060324-03
F2	05/22/21		0.463		2	NE	40	0.5	F2 passive	ERG	0.047172541	19646	7.1 inHg	1060324-04
F2	05/28/21		0.333		LK				F2 passive	ERG	0.047172541	19296	4.3 inHg	1060836-03
F2	05/28/21	QA	0.210		LK	SW	219	2.8	F2 passive QA	ERG	0.047172541	A21109	5.1inhg	1060923-01
F3	08/13/20		1.762			W	271	1.1	F3 passive	ERG	0.051510246	18883	4.8 inHg	0082115-04
F3	08/19/20		3.669		LK, 2	NE	54	1.4	F3 passive	ERG	0.051510246	5103	13.8 inHg	0082739-03
F3	08/25/20		0.911		2	ENE	59	1.5	F3 passive	ERG	0.051510246	18833	0.0 inHg	0090238-03
F3	08/31/20		0.987		2	WNW	290	1	F3 passive	ERG	0.051510246	A21040	0.0 inHg	0090830-03
F3	09/06/20		4.338		2, LK	NE	55	1.4	F3 passive	ERG	0.051510246	SAT157	0.0 inHg	0092333-03
F3	09/12/20		2.874		LK, 2	E	90	2.3	F3 passive	ERG	0.051510246	AZ45	0.0 inHg	0092333-06
F3	09/18/20		5.910			NNW	341	1.3	F3 passive	ERG	0.051510246	19280	5.6 inHg	0092510-02
F3	09/24/20		1.634		2	E	100	2.5	F3 passive	ERG	0.051510246	SAT101	7.5 inHg	0100212-03
F3	09/30/20		0.452		LK	W	267	1.6	F3 passive	ERG	0.051510246	5077	3.1 inHg	0100834-03
F3	10/06/20		1.075			NE	40	0.8	F3 passive	ERG	0.051510246	19282	2.9 inHg	0101530-03
F3	10/12/20		5.747		2	W	276	1.7	F3 passive	ERG	0.051510246	35138	0.0 inHg	0102301-03
F3	10/18/20		1.030			E	79	2.1	F3 passive	ERG	0.051510246	111211	1.8 inHg	0102915-03
F3	10/24/20		4.790		2	N	0	0.6	F3 passive	ERG	0.051510246	111217	12.5 inHg	0110528-03
F3	10/30/20			AP		NW	319	4	F3 passive	ERG		19276	VOID	No sample ID possible
F4	01/16/21		0.091			W	272	3.1	F4 passive	ERG	0.051510246	33498	3.8 inHg	1012723-06
F4	01/22/21		0.000		ND, U	NNW	329	1	F4 passive	ERG	0.051510246	19663	3.9 inHg	1020317-03
F4	01/28/21		0.000		ND, U	NW	325	5.5	F4 passive	ERG	0.051510246	SAT085	3.3 inHg	1020425-03
F4	02/03/21		0.000		ND, U	NW	312	3.5	F4 passive	ERG	0.047172541	111217	3.1 inHg	1021020-04
F4	02/09/21		0.112			NE	41	1	F4 passive	ERG	0.047172541	114348	4.5 inHg	1021837-04

F4	02/15/21		0.242			E	83	2.8	F4 passive	ERG	0.047172541	SAT157	4.7 inHg	1030327-04
F4	02/15/21	QA	0.284			E	83	2.8	F4 passive QA	ERG	0.047172541	SAT033	4.7inhg	1030327-05
F4	02/21/21		0.432		LK	SE	136	2.6	F4 passive	ERG	0.047172541	SAT142	2 inHg	1030327-06
F4	02/27/21		0.107			NE	54	1.6	F4 passive	ERG	0.047172541	19660	3.9 inHg	1031122-03
F4	03/05/21			AF		NW	325	2.2	F4 passive				Did not Collect	No sample ID possible
F4	03/11/21		0.333		LK	WNW	302	1.1	F4 passive	ERG	0.047172541	SAT058	5.8 inHg	1031636-03
F4	03/17/21		0.291			E	79	2.5	F4 passive	ERG	0.047172541	SAT087	4.1 inHg	1032433-03
F4	03/23/21		0.130			E	98	3	F4 passive	ERG	0.047172541	18824	5.0 inHg	1040823-03
F4	03/29/21		0.094			NE	41	1.5	F4 passive	ERG	0.047172541	18879	5.3 inHg	1041410-02
F4	04/04/21		0.147			NW	321	0.7	F4 passive	ERG	0.047172541	18884	3.5 inHg	1042123-01
F4	04/10/21		0.703			S	175	2.9	F4 passive	ERG	0.047172541	SAT042	5.9inhg	1042216-05
F4	04/16/21		0.097			N	4	0.9	F4 passive	ERG	0.047172541	2527	5 inHg	1042934-03
F4	04/22/21		0.094		2	NW	321	1.3	F4 passive	ERG	0.047172541	33327	0.0 inHg	1050322-03
F4	04/28/21		0.401			SW	232	1.6	F4 passive	ERG	0.047172541	2240	5.9inhg	1051247-02
F4	05/04/21		0.070			SW	219	2.2	F4 passive	ERG	0.047172541	19278	5.9inhg	1051941-03
F4	05/10/21		0.099			W	268	2.2	F4 passive	ERG	0.047172541	18884	4.8 inHg	1051941-06
F4	05/16/21		0.150			SW	222	1.4	F4 passive	ERG	0.047172541	111217	4.7 inHg	1060324-05
F4	05/22/21		0.217		2	NE	40	0.5	F4 passive	ERG	0.047172541	33491	0.0 inHg	1060242-02
F4	05/28/21		0.206		LK	SW	219	2.8	F4 passive	ERG	0.047172541	19652	2.8 inHg	1060923-03
General Coffee	09/19/19		0.618		LK	E	80	3.9	General Coffee Xonteck 911	ERG	0.045184426	N4075	20 inHg	9092734-01
General Coffee	09/30/19			AN					General Coffee Xonteck 911	ERG		N4112	20 inHg	9100409-01
General Coffee	10/12/19		0.059			ESE	139	0.57	General Coffee Xonteck 911	ERG	0.045184426	2767	19 inHg	9101529-01
General Coffee	10/24/19		0.075			E	84	3.3	General Coffee Xonteck 911	ERG	0.045184426	A21071	20 inHg	9110120-01
General Coffee	11/05/19		0.174			NE	42	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT099	19 inHg	9111358-01
General Coffee	11/19/19		0.120		LK	W	285	1.7	General Coffee Xonteck 911	ERG	0.045184426	5136	22 inHg	9112612-01
General Coffee	11/29/19		0.151		LK	ENE	64	0.1	General Coffee Xonteck 911	ERG	0.045184426	SAT135	23 inHg	9120613-01
General Coffee	12/11/19		0.266		LK	NNE	19	4.1	General Coffee Xonteck 911	ERG	0.045184426	5022	21 inHg	9122020-01
General Coffee	12/23/19		0.040		U	WNW	320	2.4	General Coffee Xonteck 911	ERG	0.045184426	18870	21 inHg	9122720-01
General Coffee	01/04/20		0.358			WNW	320	5.3	General Coffee Xonteck 911	ERG	0.045184426	SAT160	20 inHg	0011011-01
General Coffee	01/16/20			AS	2	NW	311	2.8	General Coffee Xonteck 911	ERG	0.045184426	A21083	20 inHg	0012417-01
General Coffee	01/28/20		0.347			N	0	1.5	General Coffee Xonteck 911	ERG	0.045184426	SAT168	21 inHg	0021033-01
General Coffee	02/09/20		0.081			E	88	2.3	General Coffee Xonteck 911	ERG	0.045184426	A21054	23 inHg	0021823-01
General Coffee	02/21/20		0.076		LK	NE	35	5.5	General Coffee Xonteck 911	ERG	0.045184426	A21035	22 inHg	0030237-01
General Coffee	03/04/20		0.466			E	87	2	General Coffee Xonteck 911	ERG	0.051510246	SAT056	21 psig	0031322-01
General Coffee	03/16/20			AF		ESE	101	2.5	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible

General Coffee	03/22/20	0.143		LK	ENE	69	3	General Coffee Xonteck 911	ERG	0.051510246	5035	21 psig	0040215-01
General Coffee	03/28/20	0.116			SW	227	3	General Coffee Xonteck 911	ERG	0.051510246	A21072	21 psig	0040215-02
General Coffee	04/09/20	0.180			W	281	3.2	General Coffee Xonteck 911	ERG	0.051510246	19645	22 psig	0042017-01
General Coffee	04/21/20		AF		WNW	285	2.3	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	04/27/20	1.074		2	NNW	330	2.6	General Coffee Xonteck 911	ERG	0.051510246	SAT063	23 psig	0050710-01
General Coffee	05/03/20	0.629		2, I-02	WSW	245	1.8	General Coffee Xonteck 911	ERG	0.051510246	SAT142	21 psig	0051506-01
General Coffee	05/15/20	0.566		LK, 2	ESE	115	2.2	General Coffee Xonteck 911	ERG	0.051510246	5064	22 psig	0052201-01
General Coffee	05/27/20		AF		ENE	60	1.7	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	06/02/20	0.201		2	ESE	110	1.8	General Coffee Xonteck 911	ERG	0.051510246	33535	19 psig	0061524-01
General Coffee	06/08/20	0.481		2	SSW	210	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT053	21 psig	0061907-01
General Coffee	06/20/20	0.524		2	SW	216	0.66	General Coffee Xonteck 911	ERG	0.051510246	SAT074	22 psig	0062610-01
General Coffee	07/02/20		SC		W	267	1.8	General Coffee Xonteck 911	ERG	0.051510246	35124	21 psig	0071020-01
General Coffee	07/14/20	1.518		LK, 2	W	258	1.2	General Coffee Xonteck 911	ERG	0.051510246	AZ38	22 psig	0072337-01
General Coffee	07/26/20	0.380		LK, 2	E	99	1.5	General Coffee Xonteck 911	ERG	0.051510246	5136	21 psig	0080616-01
General Coffee	08/07/20	0.336		2	S	189	1.2	General Coffee Xonteck 911	ERG	0.051510246	A21009	23 psig	0081411-01
General Coffee	08/19/20	0.181		LK	SSE	154	0.5	General Coffee Xonteck 911	ERG	0.051510246	5141	20 psig	0082819-01
General Coffee	08/31/20	1.023		2	W	266	1.2	General Coffee Xonteck 911	ERG	0.051510246	SAT082	21 psig	0091422-01
General Coffee	09/12/20	0.202		2	E	86	2.7	General Coffee Xonteck 911	ERG	0.051510246	18879	22 psig	0092511-01
General Coffee	09/24/20		AF		SE	138	1.5	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	09/30/20	0.109		2	NNW	336	1	General Coffee Xonteck 911	ERG	0.051510246	18835	22 psig	0100913-01
General Coffee	10/06/20	0.213		2	ENE	60	2.8	General Coffee Xonteck 911	ERG	0.051510246	19641	22 psig	0101607-01
General Coffee	10/18/20	0.244		2	ENE	67	2.7	General Coffee Xonteck 911	ERG	0.051510246	A21086	21 psig	0102918-01
General Coffee	10/30/20	0.215		2	NNW	332	3	General Coffee Xonteck 911	ERG	0.051510246	A21028	23 psig	0110605-01
General Coffee	11/11/20	2.783		LK, 2	ESE	122	1.7	General Coffee Xonteck 911	ERG	0.051510246	35103	22 psig	0112316-01
General Coffee	11/23/20	0.046		VB, 2	N	357	2.1	General Coffee Xonteck 911	ERG	0.051510246	19284	24 psig	0120409-01
General Coffee	12/05/20	0.186		2, LK	NNW	327	2.4	General Coffee Xonteck 911	ERG	0.051510246	A21073		0121804-01

General Coffee	12/17/20	0.037		2, VB	NW	313	2.3	General Coffee Xonteck 911	ERG	0.051510246	18829	21 psig	0122329-01
General Coffee	12/29/20		AF		E	87	1.4	General Coffee Xonteck 911				Did not Collect	No sample ID possible
General Coffee	01/04/21	0.043		2, VB				General Coffee Xonteck 911	ERG	0.051510246	33243	22 psig	1011926-01
General Coffee	01/10/21		AF		NNW	346	0.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	01/16/21		AF		W	273	3	General Coffee Xonteck 911	ERG		18869	Did not Collect	1012901-01
General Coffee	01/22/21	0.987		LK, 2	N	8	1.5	General Coffee Xonteck 911	ERG	0.051510246	SAT101	22 psig	1012901-02
General Coffee	02/03/21		AF		NW	316	2.3	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/09/21		AN		ESE	108	0.8	General Coffee Xonteck 911	ERG		114340	VOID	1022520-01
General Coffee	02/15/21		AF		SSE	147	2.8	General Coffee Xonteck 911	ERG			Did not Collect	No sample ID possible
General Coffee	02/21/21	0.186			ESE	105	2.7	General Coffee Xonteck 911	ERG	0.047172541	SAT109	19 psig	1030427-01
General Coffee	02/27/21	0.000		ND, U, 2	WSW	239	1.3	General Coffee Xonteck 911	ERG	0.047172541	19647	21 psig	1030427-02
General Coffee	03/11/21		AR		SSE	148	0.9	General Coffee passive	ERG		19643	VOID	1031827-01
General Coffee	03/11/21	0.063		2	SSE	148	0.9	General Coffee Xonteck 911	ERG	0.047172541	18823	22psig	1031827-02
General Coffee	03/23/21		AR		E	87	1.5	General Coffee Xonteck 911	ERG		SAT156	VOID	1040213-01
General Coffee	03/23/21	0.432		LK, 2	E	87	1.5	General Coffee passive	ERG	0.047172541	SAT183	0.0 inHg	1040213-02
General Coffee	04/04/21	0.495		LK, 2	WSW	238	0.5	General Coffee Xonteck 911	ERG	0.047172541	SAT125	23psig	1041610-01
General Coffee	04/16/21	0.530		LK, 2	NNE	21	1.4	General Coffee Xonteck 911	ERG	0.047172541	AZ50	23psig	1042306-01
General Coffee	04/28/21	0.390		LK, 2	NW	307	3.8	General Coffee Xonteck 911	ERG	0.047172541	A21007	22psig	1051017-01
General Coffee	05/10/21	0.786		LK, 2	WSW	240	2.6	General Coffee Xonteck 911	ERG	0.047172541	SAT077	21psig	1052114-01
General Coffee	05/22/21	0.249		LK, 2	E	88	1.7	General Coffee Xonteck 911	ERG	0.047172541	N4114	22psig	1052813-01
NR285	03/10/20	0.374		2	SW	215	0.3	NR285 Xonteck 910	ERG	0.051510246	A21033		0031723-01
NR285	03/22/20	0.367			E	90	0.8	NR285 Xonteck 910	ERG	0.051510246	A22329		0040114-03
NR285	05/09/20	0.070		2	WNW	291	0.3	NR285 Xonteck 910	ERG	0.051510246	19647		0051509-01
NR285	06/14/20	0.262			ESE	119	0.1	NR285 Xonteck 910	ERG	0.051510246	A21046		0062523-01
NR285	01/04/21	0.072			WNW	287	0.3	NR285 Xonteck 910	ERG	0.051510246	SAT053		1011328-05
NR285	01/16/21	0.113			WNW	287	0.8	NR285 Xonteck 910	ERG	0.051510246	35157		1012725-03

NR285	01/28/21	0.000		ND, U, 2	NW	319	1.2	NR285 Xonteck 910	ERG	0.051510246	19288	12.8psig	1020518-03
NR285	02/09/21	0.083			ENE	60	0.1	NR285 passive	ERG	0.047172541	114322	2.0 inHg	1021909-01
NR285	02/09/21	0.336			ENE	60	0.1	NR285 Xonteck 910	ERG	0.047172541	SAT107	18.3inhg	1021909-02
NR285	02/21/21	0.076			SE	125	0.8	NR285 Xonteck 910	ERG	0.047172541	A21044	17.9psig	1030511-06
NR285	02/21/21	0.237			SE	125	0.8	NR285 passive	ERG	0.047172541	A21099	1.8 inHg	1030511-05
NR285	04/22/21	0.051			WNW	290	0.2	NR285 Xonteck 910	ERG	0.047172541	19295	19psig	1050320-01
NR285	05/04/21	0.080		2	SSW	212	0.1	NR285 Xonteck 910	ERG	0.047172541	19283	19.5psig	1051938-01
NR285	05/16/21	0.542		2	SSW	205	0.2	NR285 Xonteck 910	ERG	0.047172541	A21012	19psig	1060326-01
S1	09/24/19		AN		NW	304	2.5	S1 passive	ERG		SAT004	29.0 inHg	9092733-01
S1	09/26/19		AN		NW	313	1.7	S1 passive				VOID	No sample ID possible
S1	09/30/19	0.193		LK	N	7	0.9	S1 passive	ERG	0.045184426	18831	4.1 inHg	9100318-01
S1	10/03/19	0.311		LK	WNW	303	0.8	S1 passive	ERG	0.045184426	18833	5.0 inHg	9100921-02
S1	10/06/19	0.056			E	87	3.8	S1 passive	ERG	0.045184426	19653	3.8 inHg	9100921-06
S1	10/12/19	0.213		LK	NW	304	2.2	S1 passive	ERG	0.045184426	5013	5.3 inHg	9101802-01
S1	10/18/19	0.123		LK	E	85	2.3	S1 passive	ERG	0.045184426	5017	4.0 inHg	9102414-01
S1	10/24/19	0.100		LK	E	85	1.8	S1 passive	ERG	0.045184426	A21069	4.0 inHg	9103068-01
S1	11/20/19	0.273		LK, 2	NW	310	3.2	S1 passive	ERG	0.045184426	SAT003	6.5 inHg	9112204-01
S1	11/23/19	0.361		LK, 2	WSW	244	4.2	S1 passive	ERG	0.045184426	AZ39	8.0 inHg	9112712-01
S1	11/29/19	0.157		LK, 2	NW	317	1.3	S1 passive	ERG	0.045184426	SAT155	7.0 inHg	9120611-01
S1	12/05/19	0.159		LK	WNW	295	2.1	S1 passive	ERG	0.045184426	19668	3.2 inHg	9121206-01
S1	12/11/19	0.215		LK	NW	320	3.1	S1 passive	ERG	0.045184426	SAT079	4.9 inHg	9121840-01
S1	12/17/19	0.369		LK, 2	WNW	294	6.1	S1 passive	ERG	0.045184426	5019	8.2 inHg	0010321-01
S1	12/23/19		AN		ENE	67	4.7	S1 passive	ERG		5077	1.2 inHg	0010321-05
S1	12/31/19	0.051		2	W	275	6.2	S1 passive	ERG	0.045184426	18808	0.0 inHg	0010716-01
S1	01/04/20	0.237		2, LK	WNW	285	7.3	S1 passive	ERG	0.045184426	SAT080	0.0 inHg	0011422-01
S1	01/10/20	0.298		LK	ESE	104	5.5	S1 passive	ERG	0.045184426	5020	1.4 inHg	0011617-01
S1	01/16/20	0.703		LK	NW	311	5.4	S1 passive	ERG	0.045184426	5051	2.4 inHg	0012315-01
S1	01/22/20	0.734		2	ENE	78	2.2	S1 passive	ERG	0.045184426	SAT014	0.0 inHg	0013009-01
S1	01/28/20	0.318		2	WNW	301	2.5	S1 passive	ERG	0.045184426	SAT086	0.0 inHg	0020525-01
S1	02/03/20	0.849		LK	SSW	211	1.9	S1 passive	ERG	0.045184426	5080	1.0 inHg	0021216-01
S1	02/09/20	0.772		LK, 2	ESE	103	3	S1 passive	ERG	0.045184426	5129	10.2 inHg	0021825-01
S1	02/15/20	0.278			E	93	2.4	S1 passive	ERG	0.045184426	19668	2.0 inHg	0022612-01
S1	02/21/20	2.585		2, LK	NW	321	2.7	S1 passive	ERG	0.045184426	A21059	0.0 inHg	0030235-01
S1	02/27/20	0.457		LK, 2	WNW	301	5.1	S1 passive	ERG	0.045184426	5121	0.0 inHg	0030536-01
S1	03/04/20	0.183		LK, 2	WSW	241	1.6	S1 passive	ERG	0.051510246	19650	0.0 inHg	0031013-01
S1	03/10/20	0.333			SSW	197	2.1	S1 passive	ERG	0.051510246	2240	4.2 inHg	0031722-01
S1	03/28/20	0.184		2	SW	220	2.8	S1 passive	ERG	0.051510246	19297	6.9 inHg	0040817-01
S1	04/03/20	0.132			WNW	284	1.7	S1 passive	ERG	0.051510246	18823	4.3 inHg	0041003-01
S1	04/09/20	0.441			WNW	292	5	S1 passive	ERG	0.051510246	SAT082	6.0 inHg	0041620-01
S1	04/15/20	0.219			NW	320	4.3	S1 passive	ERG	0.051510246	SAT096	3.9 inHg	0042217-01
S1	04/21/20	0.860		LK, 2	WNW	288	4.4	S1 passive	ERG	0.051510246	5086	5.8 inHg	0050113-01
S1	04/27/20	0.111			WNW	302	3.5	S1 passive	ERG	0.051510246	18827	4.0 inHg	0050617-01
S1	05/03/20	0.571		LK, 2	WSW	255	2.6	S1 passive	ERG	0.051510246	5065	7.2 inHg	0051409-01
S1	05/09/20	1.215		LK	NW	320	3.6	S1 passive	ERG	0.051510246	5040	4.7 inHg	0051830-01
S1	05/15/20	0.115			SE	130	3.2	S1 passive	ERG	0.051510246	18870	5.9 inHg	0052846-01

S1	05/21/20		0.074			E	85	1.7	S1 passive	ERG	0.051510246	19280	4.9 inHg	0052917-02
S1	05/27/20		0.701			E	90	3.2	S1 passive	ERG	0.051510246	SAT111	5.8 inHg	0060506-01
S1	06/02/20		0.569			S	185	1.7	S1 passive	ERG	0.051510246	SAT048	5.5 inHg	0061733-01
S1	06/08/20		0.176			ESE	120	4.4	S1 passive	ERG	0.051510246	SAT044	6.0 inHg	0061733-05
S1	06/14/20		1.292		LK, 2	ENE	70	1.7	S1 passive	ERG	0.051510246	5051	6.2 inHg	0062524-01
S1	06/20/20		0.398		LK, 2	NW	321	1.5	S1 passive	ERG	0.051510246	5127	6.8 inHg	0062611-01
S1	06/26/20		0.439			W	275	3.5	S1 passive	ERG	0.051510246	19289	5.5 inHg	0070604-01
S1	07/02/20		0.138		2	WNW	301	2.1	S1 passive	ERG	0.051510246	19660	6.5 inHg	0070929-01
S1	07/08/20		0.325		LK	W	280	1	S1 passive	ERG	0.051510246	5032	7.0 inHg	0071532-01
S1	07/14/20		0.150			WSW	253	1.3	S1 passive	ERG	0.051510246	18870	6.0 inHg	0072413-01
S1	07/20/20		1.097			WSW	258	1	S1 passive	ERG	0.051510246	SAT152	2.9 inHg	0072930-01
S1	07/26/20		0.181		2	NNW	340	0.9	S1 passive	ERG	0.051510246	19662	0.0 inHg	0080535-01
S1	08/01/20		0.671		LK	SW	216	2.9	S1 passive	ERG	0.051510246	SAT067	2.3 inHg	0081226-01
S1	08/07/20		1.028		LK	NE	50	1.7	S1 passive	ERG	0.051510246	5090	2.9 inHg	0081932-01
S1	08/13/20		0.558			ESE	109	1.7	S1 passive	ERG	0.051510246	A22330	2.1 inHg	0082116-01
S1	08/19/20		1.099		LK, 2	SE	125	1.9	S1 passive	ERG	0.051510246	AZ53	10.0 inHg	0082740-01
S1	08/25/20		1.113			E	97	1.2	S1 passive	ERG	0.051510246	SAT033	1.9 inHg	0090237-01
S1	08/31/20		0.578			WSW	238	0.7	S1 passive	ERG	0.051510246	A21001	2.1 inHg	0090831-01
S1	09/06/20		0.517		LK	ENE	57	1.7	S1 passive	ERG	0.051510246	AZ41	1.2 inHg	0092336-01
S1	09/12/20		2.006			ESE	105	2.6	S1 passive	ERG	0.051510246	SAT011	2.9 inHg	0092336-04
S1	09/18/20		0.481		LK	NNW	331	2.4	S1 passive	ERG	0.051510246	5043	3.5 inHg	0092509-01
S1	09/24/20		0.396		LK	ESE	104	4.1	S1 passive	ERG	0.051510246	5128	3.2 inHg	0100211-01
S1	09/30/20		0.095		2	WNW	283	1.8	S1 passive	ERG	0.051510246	110335	0.0 inHg	0100832-01
S1	10/06/20		0.161			E	87	1.2	S1 passive	ERG	0.051510246	19658	1.8 inHg	0101529-01
S1	10/12/20		1.099			WNW	283	1.9	S1 passive	ERG	0.051510246	A21006	2.0 inHg	0102302-01
S1	10/18/20		0.145			E	94	2.4	S1 passive	ERG	0.051510246	114329	1.1 inHg	0102914-01
S1	10/24/20		0.112		2	N	3	1.1	S1 passive	ERG	0.051510246	114348	10.4 inHg	0110518-01
S1	10/30/20		1.551		2, LK	NW	310	4.8	S1 passive	ERG	0.051510246	SAT184	0.0 inHg	0110604-01
S1	11/05/20		0.929		2, LK	E	93	0.8	S1 passive	ERG	0.051510246	SAT051	0.0 inHg	0111209-01
S1	11/11/20		0.219			S	170	1.3	S1 passive	ERG	0.051510246	SAT061	3.5 inHg	0112512-01
S1	11/17/20		0.730		2, LK	NW	314	4.7	S1 passive	ERG	0.051510246	35111	0.0 inHg	0112512-05
S1	11/23/20		0.390		2, LK	NW	316	3.5	S1 passive	ERG	0.051510246	SAT110	0.0 inHg	0120410-01
S1	11/29/20		0.278		LK	ESE	103	2.8	S1 passive	ERG	0.051510246	5145	2.8 inHg	0120410-02
S1	12/05/20		0.069			WNW	291	3.5	S1 passive	ERG	0.051510246	19290	1.0 inHg	0121638-01
S1	12/11/20		0.164		LK	SSE	148	1	S1 passive	ERG	0.051510246	5054	2.3 inHg	0122325-01
S1	12/17/20		0.441		2	WNW	293	4.8	S1 passive	ERG	0.051510246	35147	0.0 inHg	0122408-01
S1	12/23/20		0.099			ESE	114	3.3	S1 passive	ERG	0.051510246	19642	2.1 inHg	1010627-01
S1	12/29/20		0.088			E	100	2	S1 passive	ERG	0.051510246	110322	2.1 inHg	1010523-01
S1	01/04/21		0.071			SSW	292	1.9	S1 passive	ERG	0.051510246	19278	1.7 inHg	1011515-01
S1	01/10/21		0.248		2, LK	ENE	60	1.5	S1 passive	ERG	0.051510246	SAT110	0.0 inHg	1012724-01
S1	01/16/21		0.097			W	268	4.4	S1 passive	ERG	0.051510246	19340	1.0 inHg	1012724-06
S1	01/22/21		0.000		ND, U, 2	NNW	329	1	S1 passive	ERG	0.051510246	19277	0.0 inHg	1020318-01
S1	01/28/21		0.499			NW	317	6.6	S1 passive	ERG	0.051510246	SAT058	1.6 inHg	1020424-01
S1	02/03/21		0.387		2	NW	308	4.2	S1 passive	ERG	0.047172541	SAT069	0.0 inHg	1021021-01
S1	02/03/21	QA	0.085		2	NW	308	4.2	S1 passive QA	ERG	0.047172541	114336	0.0 inHg	1021021-02
S1	02/09/21		0.082			ENE	69	1.5	S1 passive	ERG	0.047172541	9570	2.1 inHg	1021828-01
S1	02/15/21		0.300			E	98	3.7	S1 passive	ERG	0.047172541	SAT184	2.8 inHg	1030328-01
S1	02/21/21		0.280		2	ESE	122	4.3	S1 passive	ERG	0.047172541	SAT039	0.0 inHg	1030328-06
S1	02/27/21		0.128		2	ESE	107	2.4	S1 passive	ERG	0.047172541	19289	0.0 inHg	1031031-01
S1	03/05/21			AF		NW	322	3.2	S1 passive	ERG	0.0472		Did not Collect	No sample ID possible
S1	03/11/21		0.125			SSW	194	1.6	S1 passive	ERG	0.047172541	18817	5.9 inHg	1031638-01

S1	03/17/21	0.275		2	ESE	103	3.1	S1 passive	ERG	0.047172541	213	8.2 inHg	1032431-01
S1	03/23/21	0.132		2	ESE	110	4.3	S1 passive	ERG	0.047172541	18836	8.6 inHg	1040821-01
S1	03/29/21		AA		NNW	343	2.1	S1 passive	ERG	0.047172541	18836	VOID	1041340-01
S1	04/04/21	0.133			WNW	291	1.7	S1 passive	ERG	0.047172541	33235	5.8 inHg	1042122-01
S1	04/10/21	0.172			SSE	161	3.8	S1 passive	ERG	0.047172541	19654	6.0 inHg	1042219-04
S1	04/16/21	0.237		2	NNW	333	2.2	S1 passive	ERG	0.047172541	A21055	0.0 inHg	1042935-01
S1	04/22/21	0.159		2	WNW	290	1.7	S1 passive	ERG	0.047172541	A21036	6.2 inHg	1043024-01
S1	04/28/21	0.138			SSW	204	1.7	S1 passive	ERG	0.047172541	114322	6.0 inHg	1051246-01
S1	05/04/21	0.199			SSW	200	2.5	S1 passive	ERG	0.047172541	33503	5.2 inHg	1051939-01
S1	05/10/21	0.093		2	W	278	3	S1 passive	ERG	0.047172541	114386	6.4 inHg	1051939-05
S1	05/16/21	0.215			SSW	198	1.2	S1 passive	ERG	0.047172541	19654	5.1 inHg	1060325-01
S1	05/22/21	0.202		2	ENE	69	1.1	S1 passive	ERG	0.047172541	19294	6.1 inHg	1060325-02
S1	05/28/21	0.436		LK	SW	232	3.2	S1 passive	ERG	0.047172541	A21073	4 inHg	1060925-01
S2	09/24/19	0.325		LK, 2	NW, W	304	2.5	S2 passive	ERG	0.045184426	SAT023	6.5 inHg	9092733-02
S2	09/26/19	0.217		LK, 2	NW	313	1.7	S2 passive	ERG	0.045184426	A21104	6.1 inHg	9100318-02
S2	09/30/19	0.296		LK, 2	N	7	0.9	S2 passive	ERG	0.045184426	SAT155	0.0 inHg	9100318-03
S2	10/03/19	0.403		LK	WNW	303	0.8	S2 passive	ERG	0.045184426	SAT135	4.9 inHg	9100921-04
S2	10/06/19	0.118		LK	E	87	3.8	S2 passive	ERG	0.045184426	5005	5.9 inHg	9100921-09
S2	10/12/19	0.269		LK	NW	304	2.2	S2 passive	ERG	0.045184426	5040	4.8 inHg	9101802-02
S2	10/18/19	0.069			E	85	2.3	S2 passive	ERG	0.045184426	18882	2.1 inHg	9102414-02
S2	10/24/19	0.054			E	85	1.8	S2 passive	ERG	0.045184426	19300	3.2 inHg	9103068-02
S2	11/20/19	0.186		LK	NW	310	3.2	S2 passive	ERG	0.045184426	5005	2.9 inHg	9112204-02
S2	11/23/19	0.392			WSW	244	4.2	S2 passive	ERG	0.045184426	SAT049	3.1 inHg	9112712-02
S2	11/29/19	0.162		LK	NW	317	1.3	S2 passive	ERG	0.045184426	SAT086	3.1 inHg	9120611-02
S2	12/05/19	0.165		LK, 2	WNW	295	2.1	S2 passive	ERG	0.045184426	SAT030	0.0 inHg	9121206-02
S2	12/11/19	0.034		U, 2	NW	320	3.1	S2 passive	ERG	0.045184426	19299	0.0 inHg	9121840-02
S2	12/17/19	0.361		2	WNW	294	6.1	S2 passive	ERG	0.045184426	SAT091	0.0 inHg	0010321-02
S2	12/23/19		AF		ENE	67	4.7	S2 passive				Did not Collect	No sample ID possible
S2	12/31/19		AF		W	275	6.2	S2 passive				Did not Collect	No sample ID possible
S2	01/04/20		AF		WNW	285	7.3	S2 passive				Did not Collect	No sample ID possible
S2	01/10/20	0.322		LK	ESE	104	5.5	S2 passive	ERG	0.045184426	AZ51	2.2 inHg	0011617-02
S2	01/16/20	0.257		LK	NW	311	5.4	S2 passive	ERG	0.045184426	5146	4.1 inHg	0012315-02
S2	01/22/20	0.099		2	ENE	78	2.2	S2 passive	ERG	0.045184426	SAT126	0.0 inHg	0013009-02
S2	01/28/20	0.401		2	WNW	301	2.5	S2 passive	ERG	0.045184426	SAT076	0.0 inHg	0020525-02
S2	02/03/20	0.781		2	SSW	211	1.9	S2 passive	ERG	0.045184426	SAT048	0.0 inHg	0021216-02
S2	02/09/20		AO		ESE	103	3	S2 passive	ERG		19276	VOID	0021825-02
S2	02/15/20	0.797		2	E	93	2.4	S2 passive	ERG	0.045184426	SAT025	9.4 inHg	0022612-02
S2	02/21/20		AN		NW	321	2.7	S2 passive	ERG		18836	22.8 inHg	0030235-02
S2	02/27/20	0.148		LK	WNW	301	5.1	S2 passive	ERG	0.045184426	19663	2.2 inHg	0030536-02
S2	03/04/20	0.407		LK	WSW	241	1.6	S2 passive	ERG	0.051510246	SAT179	4.1 inHg	0031136-01
S2	03/10/20	0.237			SSW	197	2.1	S2 passive	ERG	0.051510246	18877	3.2 inHg	0031722-02
S2	03/28/20	0.781		LK	SW	220	2.8	S2 passive	ERG	0.051510246	SAT159	6.0 inHg	0040817-02
S2	04/03/20	0.085			WNW	284	1.7	S2 passive	ERG	0.051510246	19296	4.1 inHg	0041003-02
S2	04/09/20	0.544		LK	WNW	292	5	S2 passive	ERG	0.051510246	5023	6.0 inHg	0041620-02
S2	04/15/20	0.484		LK	NW	320	4.3	S2 passive	ERG	0.051510246	5079	3.8 inHg	0042217-02
S2	04/21/20	0.408		LK, 2	WNW	288	4.4	S2 passive	ERG	0.051510246	5101	4.9 inHg	0050113-02
S2	04/27/20	1.263		LK, 2	WNW	302	3.5	S2 passive	ERG	0.051510246	5000	4.2 inHg	0050617-02
S2	05/03/20		BI		WSW	255	2.6	S2 passive	ERG		18879	5.7 inHg	0051409-02
S2	05/09/20		BI		NW	320	3.6	S2 passive	ERG		19297	2.0 inHg	0051505-01

S2	05/15/20		0.573		SE	130	3.2	S2 passive	ERG	0.051510246	SAT183	5.3 inHg	0052846-02
S2	05/21/20		0.784	LK	E	85	1.7	S2 passive	ERG	0.051510246	SAT184	4.1 inHg	0052917-03
S2	05/27/20		0.795		NNW	330	2.6	S2 passive	ERG	0.051510246	35141	3.8 inHg	0060506-02
S2	06/02/20		0.761	LK	S	185	1.7	S2 passive	ERG	0.051510246	5073	5.8 inHg	0061733-02
S2	06/08/20		0.647		ESE	120	4.4	S2 passive	ERG	0.051510246	19662	4.8 inHg	0061733-06
S2	06/14/20		1.037	LK	ENE	70	1.7	S2 passive	ERG	0.051510246	SAT159	4.0 inHg	0062524-02
S2	06/20/20		0.587		NW	321	1.5	S2 passive	ERG	0.051510246	SAT103	5.2 inHg	0062611-02
S2	06/26/20		0.508	LK	W	275	3.5	S2 passive	ERG	0.051510246	5077	5.2 inHg	0070604-02
S2	07/02/20		0.197	LK	WNW	301	2.1	S2 passive	ERG	0.051510246	SAT051	5.6 inHg	0070929-02
S2	07/08/20		0.179		W	280	1	S2 passive	ERG	0.051510246	19644	4.7 inHg	0071532-02
S2	07/14/20		0.396		WSW	253	1.3	S2 passive	ERG	0.051510246	SAT024	5.8 inHg	0072413-02
S2	07/20/20		0.314	2	WSW	258	1	S2 passive	ERG	0.051510246	19651	0.0 inHg	0072930-02
S2	07/26/20		0.222		NNW	340	0.9	S2 passive	ERG	0.051510246	SAT044	1.8 inHg	0080535-02
S2	08/01/20		1.001	2, LK	SW	216	2.9	S2 passive	ERG	0.051510246	SAT122	0.0 inHg	0081226-02
S2	08/07/20		1.533	2	NE	50	1.7	S2 passive	ERG	0.051510246	SAT029	0.0 inHg	0081932-02
S2	08/13/20		0.994	LK	ESE	109	1.7	S2 passive	ERG	0.051510246	5082	2.8 inHg	0082116-02
S2	08/19/20		0.777		SE	125	1.9	S2 passive	ERG	0.051510246	SAT182	3.9 inHg	0082740-02
S2	08/25/20		0.768	2	E	97	1.2	S2 passive	ERG	0.051510246	33266	14.0 inHg	0090237-02
S2	08/31/20		0.604	2	WSW	238	0.7	S2 passive	ERG	0.051510246	18870	0.0 inHg	0090831-02
S2	09/06/20		0.745	LK	ENE	57	1.7	S2 passive	ERG	0.051510246	5105	1.2 inHg	0092336-02
S2	09/12/20		0.170		ESE	105	2.6	S2 passive	ERG	0.051510246	19288	2.8 inHg	0092336-05
S2	09/18/20		1.289	LK	NNW	331	2.4	S2 passive	ERG	0.051510246	SAT109	2.1 inHg	0092509-02
S2	09/24/20		0.580	3	ESE	104	4.1	S2 passive	ERG	0.051510246	A21095	2.8 inHg	0100211-02
S2	09/30/20		0.819	3, LK	WNW	283	1.8	S2 passive	ERG	0.051510246	5063	2.8 inHg	0100832-02
S2	10/06/20		0.098	3	E	87	1.2	S2 passive	ERG	0.051510246	33238	1.7 inHg	0101529-02
S2	10/12/20		0.333	3	WNW	283	1.9	S2 passive	ERG	0.051510246	A21011	2.9 inHg	0102302-02
S2	10/18/20		0.119	3	E	94	2.4	S2 passive	ERG	0.051510246	110252	1.2 inHg	0102914-02
S2	10/24/20		0.132	2, 3	N	3	1.1	S2 passive	ERG	0.051510246	110258	9.8 inHg	0110518-02
S2	10/30/20		0.154	2, 3	NW	310	4.8	S2 passive	ERG	0.051510246	18833	0.0 inHg	0110923-01
S2	11/05/20		0.199	LK, 2, 3	E	93	0.8	S2 passive	ERG	0.051510246	AZ45	0.0 inHg	0111209-02
S2	11/11/20		6.470	3, LK	S	170	1.3	S2 passive	ERG	0.051510246	35118	3.6 inHg	0112512-02
S2	11/17/20		0.091	3	NW	314	4.7	S2 passive	ERG	0.051510246	33243	1.2 inHg	0112512-06
S2	11/23/20		0.178	3	NW	316	3.5	S2 passive	ERG	0.051510246	35148	1.2 inHg	0120410-03
S2	11/29/20		0.284	3, LK	ESE	103	2.8	S2 passive	ERG	0.051510246	5125	3.8 inHg	0120410-04
S2	12/05/20		0.193	3, LK	WNW	291	3.5	S2 passive	ERG	0.051510246	SAT039	1.2 inHg	0121638-02
S2	12/11/20		0.081	3	SSE	148	1	S2 passive	ERG	0.051510246	19648	2.1 inHg	0122325-02
S2	12/17/20		0.051	2, 3, U	WNW	293	4.8	S2 passive	ERG	0.051510246	18835	0.0 inHg	0122408-02
S2	12/23/20		0.052	3	ESE	114	3.3	S2 passive	ERG	0.051510246	AQL0397	1.9 inHg	1010627-02
S2	12/29/20		0.246	3	E	100	2	S2 passive	ERG	0.051510246	SAT097	2.2 inHg	1010523-02
S2	01/04/21		0.174	3	SSW	292	1.9	S2 passive	ERG	0.051510246	A21106	1.4 inHg	1011515-02
S2	01/10/21		0.251	LK, 3, 2	ENE	60	1.5	S2 passive	ERG	0.051510246	SAT077	0.0 inHg	1012724-02
S2	01/16/21		0.043	3, VB	W	268	4.4	S2 passive	ERG	0.051510246	19293	1.1 inHg	1012724-07
S2	01/22/21		0.000	ND, U, 2, 3	NNW	329	1	S2 passive	ERG	0.051510246	A21034	0.0 inHg	1020318-02
S2	01/28/21		0.000	ND, U, 3	NW	317	6.6	S2 passive	ERG	0.051510246	SAT151	1.8 inHg	1020424-02
S2	02/03/21		0.000	ND, U, 3, 2	NW	308	4.2	S2 passive	ERG	0.047172541	114344	0.0 inHg	1021021-03
S2	02/09/21		0.063	3	ENE	69	1.5	S2 passive	ERG	0.047172541	111211	2.9 inHg	1021828-02
S2	02/09/21	QA	0.374	LK, 3, 2	ENE	69	1.5	S2 passive QA	ERG	0.047172541	SAT122	0.0 inHg	1021828-03
S2	02/15/21		0.143	3, LK	E	98	3.7	S2 passive	ERG	0.047172541	AZ41	2.9 inHg	1030328-02
S2	02/21/21		0.115	2, 3, LK	ESE	122	4.3	S2 passive	ERG	0.047172541	SAT028	0.0 inHg	1030328-07
S2	02/27/21		0.072	3	ESE	107	2.4	S2 passive	ERG	0.047172541	33235	2.8 inHg	1031120-01

S2	03/05/21		AF		NW	322	3.2	S2 passive		0.0472		Did not Collect	No sample ID possible
S2	03/11/21	0.383		3, LK	SSW	194	1.6	S2 passive	ERG	0.047172541	5004	4.6 inHg	1031638-02
S2	03/17/21	0.157		2, 3	ESE	103	3.1	S2 passive	ERG	0.047172541	110252	6.8 inHg	1032431-02
S2	03/23/21	0.199		3	ESE	110	4.3	S2 passive	ERG	0.047172541	18872	3.7 inHg	1040821-02
S2	03/29/21	0.396		3, LK	NNW	343	2.1	S2 passive	ERG	0.047172541	A21071	4.2 inHg	1041340-03
S2	04/04/21	0.549		3, LK	WNW	291	1.7	S2 passive	ERG	0.047172541	SAT175	2.2 inHg	1042219-01
S2	04/10/21	0.086		3	SSE	161	3.8	S2 passive	ERG	0.047172541	111217	4.5 inHg	1042219-05
S2	04/16/21	0.078		3	NNW	333	2.2	S2 passive	ERG	0.047172541	19280	4.6 inHg	1042935-02
S2	04/22/21	0.085		3	WNW	290	1.7	S2 passive	ERG	0.047172541	19288	1.8 inHg	1043024-02
S2	04/28/21	0.302		3	SSW	204	1.7	S2 passive	ERG	0.047172541	44	5.0 inHg	1051246-02
S2	05/04/21	0.300		3	SSW	200	2.5	S2 passive	ERG	0.047172541	A21106	4.2 inHg	1051939-02
S2	05/10/21	0.091		3	W	278	3	S2 passive	ERG	0.047172541	18833	4.3 inHg	1051939-06
S2	05/16/21	0.102		3	SSW	198	1.2	S2 passive	ERG	0.047172541	19657	3.8 inHg	1060325-03
S2	05/22/21	0.128		3	ENE	69	1.1	S2 passive	ERG	0.047172541	19665	4 inHg	1060241-02
S2	05/28/21	0.109		3	SW	232	3.2	S2 passive	ERG	0.047172541	111211	4.8 inHg	1060925-02
S3	09/24/19	0.540			NW, W	304	2.5	S3 passive	ERG	0.045184426	18834	3.0 inHg	9092733-03
S3	09/26/19	0.104			NW	313	1.7	S3 passive	ERG	0.045184426	18879	6.0 inHg	9100318-04
S3	09/30/19	0.061		2	N	7	0.9	S3 passive	ERG	0.045184426	19650	7.0 inHg	9100318-05
S3	10/03/19	0.170		LK, 2	WNW	303	0.8	S3 passive	ERG	0.045184426	19289	7.1 inHg	9100921-03
S3	10/06/19	0.228		LK, 2	E	87	3.8	S3 passive	ERG	0.045184426	N4087	6.5 inHg	9100921-05
S3	10/12/19	0.208		2	NW	304	2.2	S3 passive	ERG	0.045184426	SAT058	6.8 inHg	9101802-03
S3	10/18/19	0.184		LK	E	85	2.3	S3 passive	ERG	0.045184426	SAT110	6.0 inHg	9102414-03
S3	10/24/19	0.064			E	85	1.8	S3 passive	ERG	0.045184426	A21104	6.0 inHg	9103068-03
S3	11/20/19	0.325		LK	NW	310	3.2	S3 passive	ERG	0.045184426	SAT012	5.9 inHg	9112204-03
S3	11/23/19	0.414		LK, 2	WSW	244	4.2	S3 passive	ERG	0.045184426	AZ47	6.5 inHg	9112712-03
S3	11/29/19	0.249		LK, 2	NW	317	1.3	S3 passive	ERG	0.045184426	5045	7.1 inHg	9120611-03
S3	12/05/19	0.027		LK, U, 2	WNW	295	2.1	S3 passive	ERG	0.045184426	18883	6.2 inHg	9121206-03
S3	12/11/19	0.114		LK, 2	NW	320	3.1	S3 passive	ERG	0.045184426	5071	0.0 inHg	9121840-03
S3	12/17/19	0.081		2	WNW	294	6.1	S3 passive	ERG	0.045184426	19654	0.0 inHg	0010321-03
S3	12/23/19		AN		ENE	67	4.7	S3 passive	ERG		5139	0.0 inHg	0010321-06
S3	12/31/19	0.026		2,	W	275	6.2	S3 passive	ERG	0.045184426	18879	0.0 inHg	0010716-02
S3	01/04/20	0.202		2, LK	WNW	285	7.3	S3 passive	ERG	0.045184426	A21045	0.0 inHg	0011422-02
S3	01/10/20	0.116		LK	ESE	104	5.5	S3 passive	ERG	0.045184426	SAT031	1.1 inHg	0011617-03
S3	01/16/20		AF		NW	311	5.4	S3 passive	ERG		5034	VOID	0012315-03
S3	01/22/20	0.605			ENE	78	2.2	S3 passive	ERG	0.045184426	SAT033	3.8 inHg	0013009-03
S3	01/28/20	0.728		LK, 2	WNW	301	2.5	S3 passive	ERG	0.045184426	5046	6.8 inHg	0020525-03
S3	02/03/20	0.418			SSW	211	1.9	S3 passive	ERG	0.045184426	SAT127	4.3 inHg	0021216-03
S3	02/09/20	0.683			ESE	103	3	S3 passive	ERG	0.045184426	SAT176	3.2 inHg	0021825-03
S3	02/15/20	0.432		LK, 2	E	93	2.4	S3 passive	ERG	0.045184426	5072	6.1 inHg	0022612-03
S3	02/21/20	0.190		LK	NW	321	2.7	S3 passive	ERG	0.045184426	19665	3.8 inHg	0030235-03
S3	02/27/20	0.309		LK	WNW	301	5.1	S3 passive	ERG	0.045184426	A21095	3.0 inHg	0030605-01
S3	03/04/20	0.436		LK, 2	WSW	241	1.6	S3 passive	ERG	0.051510246	5044	6.5 inHg	0031136-02
S3	03/10/20	0.213		LK	SSW	197	2.1	S3 passive	ERG	0.051510246	SAT051	5.1 inHg	0031835-01
S3	03/28/20	0.278		2	SW	220	2.8	S3 passive	ERG	0.051510246	19647	7.1 inHg	0040817-03
S3	04/03/20	0.620		LK, 2	WNW	284	1.7	S3 passive	ERG	0.051510246	5022	6.7 inHg	0041003-03
S3	04/09/20	0.193		2	WNW	292	5	S3 passive	ERG	0.051510246	19282	6.5 inHg	0041620-03
S3	04/15/20	0.376		2	NW	320	4.3	S3 passive	ERG	0.051510246	SAT018	0.0 inHg	0042217-03
S3	04/21/20	0.965		2	WNW	288	4.4	S3 passive	ERG	0.051510246	SAT038	5.4 inHg	0050113-03
S3	04/27/20	0.423		2	WNW	302	3.5	S3 passive	ERG	0.051510246	SAT099	5.1 inHg	0050617-05
S3	05/03/20	0.951		LK, 2	WSW	255	2.6	S3 passive	ERG	0.051510246	5062	7.9 inHg	0051409-03
S3	05/09/20	0.466		LK	NW	320	3.6	S3 passive	ERG	0.051510246	5085	5.8 inHg	0051505-02

S3	05/15/20		0.201		2	SE	130	3.2	S3 passive	ERG	0.051510246	33554	6.9 inHg	0052846-03
S3	05/21/20		0.501			E	85	1.7	S3 passive	ERG	0.051510246	A21106	5.8 inHg	0052917-04
S3	05/27/20		0.137			E	90	3.2	S3 passive	ERG	0.051510246	2527	5.7 inHg	0060506-03
S3	06/02/20		0.826		LK, 2	S	185	1.7	S3 passive	ERG	0.051510246	5043	6.9 inHg	0061733-03
S3	06/08/20		0.387		2	ESE	120	4.4	S3 passive	ERG	0.051510246	A21055	6.6 inHg	0061733-07
S3	06/14/20		0.166			ENE	70	1.7	S3 passive	ERG	0.051510246	110335	6.0 inHg	0062524-03
S3	06/20/20		0.177		2	NW	321	1.5	S3 passive	ERG	0.051510246	18865	6.9 inHg	0062611-03
S3	06/26/20		1.545		LK, 2	W	275	3.5	S3 passive	ERG	0.051510246	5081	6.4 inHg	0070604-03
S3	07/02/20		0.761		LK, 2	WNW	301	2.1	S3 passive	ERG	0.051510246	SAT110	7.0 inHg	0070929-03
S3	07/08/20		0.445		2	W	280	1	S3 passive	ERG	0.051510246	SAT009	6.1 inHg	0071532-03
S3	07/14/20		0.267		2	WSW	253	1.3	S3 passive	ERG	0.051510246	18864	6.8 inHg	0072413-03
S3	07/20/20		0.889			WSW	258	1	S3 passive	ERG	0.051510246	19291	2.3 inHg	0072930-03
S3	07/26/20		1.258		LK	NNW	340	0.9	S3 passive	ERG	0.051510246	5142	4.1 inHg	0080535-03
S3	08/01/20		0.589		LK	SW	216	2.9	S3 passive	ERG	0.051510246	18872	2.5 inHg	0081226-03
S3	08/07/20		1.493			NE	50	1.7	S3 passive	ERG	0.051510246	SAT014	2.6 inHg	0081932-03
S3	08/13/20		0.909			ESE	109	1.7	S3 passive	ERG	0.051510246	19663	5.9 inHg	0082116-03
S3	08/19/20		2.458		2	SE	125	1.9	S3 passive	ERG	0.051510246	19279	8.1 inHg	0082740-03
S3	08/25/20		1.806		2	E	97	1.2	S3 passive	ERG	0.051510246	SAT118	0.0 inHg	0090237-03
S3	08/31/20		0.352			WSW	238	0.7	S3 passive	ERG	0.051510246	18828	1.8 inHg	0090831-03
S3	09/06/20		0.853			ENE	57	1.7	S3 passive	ERG	0.051510246	SAT061	1.3 inHg	0092336-03
S3	09/12/20		1.674			ESE	105	2.6	S3 passive	ERG	0.051510246	SAT056	2.9 inHg	0092336-06
S3	09/18/20		0.262			NNW	331	2.4	S3 passive	ERG	0.051510246	33233	2.5 inHg	0092509-03
S3	09/24/20		0.466			ESE	104	4.1	S3 passive	ERG	0.051510246	A21073	2.6 inHg	0100211-03
S3	09/30/20		0.831		LK	WNW	283	1.8	S3 passive	ERG	0.051510246	5075	4.7 inHg	0100832-03
S3	10/06/20		0.378			E	87	1.2	S3 passive	ERG	0.051510246	A21083	3.2 inHg	0101529-03
S3	10/12/20		2.512			WNW	283	1.9	S3 passive	ERG	0.051510246	35131	4.8 inHg	0102302-03
S3	10/18/20		0.110		2	E	94	2.4	S3 passive	ERG	0.051510246	213	0.0 inHg	0102914-03
S3	10/24/20		0.221		2	N	3	1.1	S3 passive	ERG	0.051510246	19666	11.0 inHg	0110518-03
S3	10/30/20		0.499		LK, 2	NW	310	4.8	S3 passive	ERG	0.051510246	5131	0.0 inHg	0110923-02
S3	11/05/20		0.273			E	93	0.8	S3 passive	ERG	0.051510246	SAT174	2.9 inHg	0111209-03
S3	11/11/20		0.522			S	170	1.3	S3 passive	ERG	0.051510246	SAT156	5.8 inHg	0112512-03
S3	11/17/20		0.275			NW	314	4.7	S3 passive	ERG	0.051510246	35117	3.3 inHg	0112512-07
S3	11/23/20		0.057			NW	316	3.5	S3 passive	ERG	0.051510246	33309	3.2 inHg	0120410-05
S3	11/29/20		0.266		LK	ESE	103	2.8	S3 passive	ERG	0.051510246	5110	5.1 inHg	0120410-06
S3	12/05/20		0.244		LK	WNW	291	3.5	S3 passive	ERG	0.051510246	SAT158	2.4 inHg	0121638-03
S3	12/11/20		0.257		LK	SSE	148	1	S3 passive	ERG	0.051510246	5086	4.9 inHg	0122325-03
S3	12/17/20		0.085			WNW	293	4.8	S3 passive	ERG	0.051510246	110314	1.9 inHg	0122408-03
S3	12/23/20		0.058			ESE	114	3.3	S3 passive	ERG	0.051510246	114340	3.2 inHg	1010627-03
S3	12/29/20		0.284			E	100	2	S3 passive	ERG	0.051510246	SAT076	3.9 inHg	1010523-03
S3	01/04/21		0.278			SSW	292	1.9	S3 passive	ERG	0.051510246	A21047	3.7 inHg	1011515-03
S3	01/10/21		0.184			ENE	60	1.5	S3 passive	ERG	0.051510246	SAT068	1.5 inHg	1012724-03
S3	01/16/21		0.108		LK	W	268	4.4	S3 passive	ERG	0.051510246	35118	2.5 inHg	1012724-08
S3	01/22/21		0.000		ND, U, 2	NNW	329	1	S3 passive	ERG	0.051510246	19658	0.0 inHg	1020318-03
S3	01/28/21		0.000		ND, U	NW	317	6.6	S3 passive	ERG	0.051510246	35119	2.8 inHg	1020424-03
S3	02/03/21		0.000		ND, U	NW	308	4.2	S3 passive	ERG	0.047172541	110335	2.3 inHg	1021021-04
S3	02/09/21		0.291			ENE	69	1.5	S3 passive	ERG	0.047172541	SAT076	3.8 inHg	1021828-04
S3	02/15/21		0.502		D-F, 2	E	98	3.7	S3 passive	ERG	0.047172541	SAT114	6.8 inHg	1030328-03
S3	02/15/21	QA	0.369		D-F, LK	E	98	3.7	S3 passive QA	ERG	0.047172541	SAT150	1.0 inHg	1030328-04
S3	02/21/21		0.564			ESE	122	4.3	S3 passive	ERG	0.047172541	SAT075	5.9 inHg	1030328-08
S3	02/27/21		0.752		LK	ESE	107	2.4	S3 passive	ERG	0.047172541	AZ38	2.8 inHg	1031120-02
S3	03/05/21			AF		NW	322	3.2	S3 passive	ERG	0.0472		Did not Collect	No sample ID possible

S3	03/11/21		0.678		LK	SSW	194	1.6	S3 passive	ERG	0.047172541	AZ39	3.7 inHg	1031638-03
S3	03/17/21		0.199			ESE	103	3.1	S3 passive	ERG	0.047172541	110322	5.2 inHg	1032431-03
S3	03/23/21		0.367		LK	ESE	110	4.3	S3 passive	ERG	0.047172541	SAT081	3.6 inHg	1040821-03
S3	03/29/21		0.089			NNW	343	2.1	S3 passive	ERG	0.047172541	18870	4.8 inHg	1041340-02
S3	04/04/21		0.130			WNW	291	1.7	S3 passive	ERG	0.047172541	19643	2.1 inHg	1042219-02
S3	04/10/21		0.146			SSE	161	3.8	S3 passive	ERG	0.047172541	114386	4.5 inHg	1042219-06
S3	04/16/21		0.369			NNW	333	2.2	S3 passive	ERG	0.047172541	A21109	4.1 inHg	1042935-04
S3	04/22/21		0.095			WNW	290	1.7	S3 passive	ERG	0.047172541	33512	2.0 inHg	1050323-01
S3	04/28/21		0.173			SSW	204	1.7	S3 passive	ERG	0.047172541	110308	5.0 inHg	1051246-05
S3	05/04/21		0.138			SSW	200	2.5	S3 passive	ERG	0.047172541	114340	4.9 inHg	1051939-04
S3	05/10/21		0.334			W	278	3	S3 passive	ERG	0.047172541	110305	4.8 inHg	1051939-07
S3	05/16/21		0.938			SSW	198	1.2	S3 passive	ERG	0.047172541	A21017	4.1 inHg	1060325-04
S3	05/22/21		0.985			ENE	69	1.1	S3 passive	ERG	0.047172541	A21078	3.7 inHg	1060241-03
S3	05/28/21		0.253			SW	232	3.2	S3 passive	ERG	0.047172541	19664	4.9 inHg	1060837-03
S4	09/24/19		0.372		LK, 2	NW, W	304	2.5	S4 passive	ERG	0.045184426	5117	8.1 inHg	9092733-04
S4	09/26/19		0.707		LK, 2	NW	313	1.7	S4 passive	ERG	0.045184426	5026	8.1 inHg	9100318-06
S4	09/30/19		0.248		LK	N	7	0.9	S4 passive	ERG	0.045184426	SAT081	2.1 inHg	9100318-07
S4	10/03/19		1.155		LK	WNW	303	0.8	S4 passive	ERG	0.045184426	N4120	2.9 inHg	9100921-08
S4	10/06/19		0.060			E	87	3.8	S4 passive	ERG	0.045184426	A21078	1.9 inHg	9100921-10
S4	10/12/19		0.213		LK	NW	304	2.2	S4 passive	ERG	0.045184426	5012	1.9 inHg	9101802-04
S4	10/18/19		0.154		LK	E	85	2.3	S4 passive	ERG	0.045184426	5138	2.0 inHg	9102414-04
S4	10/24/19		0.000		U, ND	E	85	1.8	S4 passive	ERG	0.045184426	19646	2.0 inHg	9103068-04
S4	11/20/19		0.147		LK	NW	310	3.2	S4 passive	ERG	0.045184426	A22329	2.0 inHg	9112204-04
S4	11/20/19	QA	0.257		2	NW	310	3.2	S4 passive QA	ERG	0.045184426	9570	0.0 inHg	9112204-05
S4	11/23/19		0.097			WSW	244	4.2	S4 passive	ERG	0.045184426	A21108	2.8 inHg	9112712-04
S4	11/29/19		0.120		LK	NW	317	1.3	S4 passive	ERG	0.045184426	5129	3.2 inHg	9120611-04
S4	12/05/19		0.164		LK, 2	WNW	295	2.1	S4 passive	ERG	0.045184426	5044	1.0 inHg	9121206-04
S4	12/11/19		0.112		LK, 2	NW	320	3.1	S4 passive	ERG	0.045184426	A22330	0.0 inHg	9121840-04
S4	12/11/19	QA	0.441		LK, 2	NW	320	3.1	S4 passive QA	ERG	0.045184426	5057	0.0 inHg	9121840-05
S4	12/17/19		0.356		2	WNW	294	6.1	S4 passive	ERG	0.045184426	19648	0.0 inHg	0010321-04
S4	12/23/19			AN		ENE	67	4.7	S4 passive	ERG		A21096	0.0 inHg	0010321-07
S4	12/31/19		0.219		2, U	W	275	6.2	S4 passive	ERG	0.045184426	A21037	0.0 inHg	0010716-03
S4	01/04/20		1.580		2	WNW	285	7.3	S4 passive	ERG	0.045184426	A21002	4.1 inHg	0011422-03
S4	01/10/20		0.546		LK	ESE	104	5.5	S4 passive	ERG	0.045184426	SAT087	4.6 inHg	0011617-04
S4	01/16/20		0.432		LK	NW	311	5.4	S4 passive	ERG	0.045184426	SAT157	5.5 inHg	0012315-04
S4	01/22/20		0.162			ENE	78	2.2	S4 passive	ERG	0.045184426	SAT078	2.1 inHg	0013009-04
S4	01/22/20	QA	0.176			ENE	78	2.2	S4 passive QA	ERG	0.045184426	A21025	2.0 inHg	0013009-05
S4	01/28/20		0.488		2	WNW	301	2.5	S4 passive	ERG	0.045184426	SAT173	0.0 inHg	0020525-04
S4	02/03/20		0.380			SSW	211	1.9	S4 passive	ERG	0.045184426	19664	3.9 inHg	0021216-04
S4	02/09/20		0.340			ESE	103	3	S4 passive	ERG	0.045184426	A21042	2.2 inHg	0021825-04
S4	02/15/20		0.450			E	93	2.4	S4 passive	ERG	0.045184426	A21051	4.0 inHg	0022612-04
S4	02/15/20	QA	0.416			E	93	2.4	S4 passive QA	ERG	0.045184426	49	2.2 inHg	0022527-01
S4	02/21/20		0.151		LK	NW	321	2.7	S4 passive	ERG	0.045184426	A21011	2.3 inHg	0030235-04
S4	02/27/20		0.325		LK	WNW	301	5.1	S4 passive	ERG	0.045184426	A21067	1.7 inHg	0030536-03
S4	03/04/20		0.616			WSW	241	1.6	S4 passive	ERG	0.051510246	A21094	3.2 inHg	0031013-02
S4	03/10/20		0.298			SSW	197	2.1	S4 passive	ERG	0.051510246	A21040	3.5 inHg	0031722-03
S4	03/28/20		0.405			SW	220	2.8	S4 passive	ERG	0.051510246	A21084	2.3 inHg	0040817-04
S4	03/28/20	QA	0.361		LK, 2	SW	220	2.8	S4 passive QA	ERG	0.051510246	5080	6.2 inHg	0040817-05
S4	04/03/20		0.401		LK	WNW	284	1.7	S4 passive	ERG	0.051510246	5116	1.2 inHg	0041003-04
S4	04/09/20		0.683			WNW	292	5	S4 passive	ERG	0.051510246	A21017	1.2 inHg	0041620-04
S4	04/09/20	QA	0.719		2	WNW	292	5	S4 passive QA	ERG	0.051510246	SAT081	0.0 inHg	0041620-05
S4	04/15/20		0.269		2	NW	320	4.3	S4 passive	ERG	0.051510246	A21083	0.0 inHg	0042217-04

S4	04/21/20		0.287		2	WNW	288	4.4	S4 passive	ERG	0.051510246	18832	0.0 inHg	0050113-04
S4	04/21/20	QA	0.960		2	WNW	288	4.4	S4 passive QA	ERG	0.051510246	SAT182	4.3 inHg	0050113-05
S4	04/27/20		0.889		2	WNW	302	3.5	S4 passive	ERG	0.051510246	SAT173	0.0 inHg	0050617-03
S4	05/03/20		1.164			WSW	255	2.6	S4 passive	ERG	0.051510246	SAT058	2.5 inHg	0051409-04
S4	05/09/20		0.531		LK	NW	320	3.6	S4 passive	ERG	0.051510246	5124	1.0 inHg	0051505-03
S4	05/09/20	QA	0.718			NW	320	3.6	S4 passive QA	ERG	0.051510246	SAT071	1.2 inHg	0051505-04
S4	05/15/20		0.293			SE	130	3.2	S4 passive	ERG	0.051510246	A21025	1.9 inHg	0052846-04
S4	05/21/20		0.260			E	85	1.7	S4 passive	ERG	0.051510246	A22328	1.0 inHg	0052917-05
S4	05/27/20		1.180		2	E	90	3.2	S4 passive	ERG	0.051510246	SAT131	0.0 inHg	0060506-04
S4	06/02/20		0.904			S	185	1.7	S4 passive	ERG	0.051510246	SAT018	1.2 inHg	0061733-04
S4	06/08/20		0.712		LK	ESE	120	4.4	S4 passive	ERG	0.051510246	5106	1.8 inHg	0061733-08
S4	06/08/20	QA	0.199		2	ESE	120	4.4	S4 passive QA	ERG	0.051510246	19288	0.0 inHg	0061733-09
S4	06/14/20		0.151		2	ENE	70	1.7	S4 passive	ERG	0.051510246	A21010	0.0 inHg	0062524-04
S4	06/20/20		0.488			NW	321	1.5	S4 passive	ERG	0.051510246	A21095	1.4 inHg	0062611-04
S4	06/26/20		0.779		LK	W	275	3.5	S4 passive	ERG	0.051510246	5091	1.0 inHg	0070604-04
S4	07/02/20		0.849		LK	WNW	301	2.1	S4 passive	ERG	0.051510246	A21015	1.2 inHg	0070929-04
S4	07/08/20		0.443		2	W	280	1	S4 passive	ERG	0.051510246	A21082	0.0 inHg	0071532-04
S4	07/08/20	QA	0.596		2	W	280	1	S4 passive QA	ERG	0.051510246	A21036	0.0 inHg	0071532-05
S4	07/14/20		0.859		2	WSW	253	1.3	S4 passive	ERG	0.051510246	53	0.0 inHg	0072413-04
S4	07/20/20		0.448		LK, 2	WSW	258	1	S4 passive	ERG	0.051510246	5044	0.0 inHg	0072930-04
S4	07/26/20		0.535			NNW	340	0.9	S4 passive	ERG	0.051510246	49	4.7 inHg	0080535-04
S4	08/01/20		0.828		LK	SW	216	2.9	S4 passive	ERG	0.051510246	5106	5.1 inHg	0081226-04
S4	08/07/20		0.595		D-F	NE	50	1.7	S4 passive	ERG	0.051510246	35131	4.0 inHg	0081932-04
S4	08/07/20	QA	0.869		2, D-F	NE	50	1.7	S4 passive QA	ERG	0.051510246	SAT156	0.0 inHg	0081932-05
S4	08/13/20		0.737		2	ESE	109	1.7	S4 passive	ERG	0.051510246	A21056	7.8 inHg	0082116-04
S4	08/19/20			AO		SE	125	1.9	S4 passive	ERG	0.0515	A21069	17.1 inHg	0082740-04
S4	08/25/20			DA		E	97	1.2	S4 passive	ERG	0.0515	A21084	11.8 inHg	0090237-04
S4	08/31/20			AA		WSW	238	0.7	S4 passive	ERG	0.0515	A21077	16.8 inHg	0090831-04
S4	09/06/20			AN		ENE	57	1.7	S4 passive	ERG		SAT173	29.2 inHg	0092336-08
S4	09/12/20		1.193		2	ESE	105	2.6	S4 passive	ERG	0.051510246	A21102	0.0 inHg	0092336-07
S4	09/18/20		0.000		2, ND, U	NNW	331	2.4	S4 passive	ERG	0.051510246	9570	0.0 inHg	0092509-04
S4	09/18/20	QA	1.216			NNW	331	2.4	S4 passive QA	ERG	0.051510246	44	5.0 inHg	0092509-05
S4	09/24/20		0.372			ESE	104	4.1	S4 passive	ERG	0.051510246	A21088	1.0 inHg	0100211-04
S4	09/30/20		0.358		LK	WNW	283	1.8	S4 passive	ERG	0.051510246	5093	2.8 inHg	0100832-04
S4	10/06/20		0.175			E	87	1.2	S4 passive	ERG	0.051510246	18873	1.9 inHg	0101529-04
S4	10/12/20		0.784		LK	WNW	283	1.9	S4 passive	ERG	0.051510246	22325	3.1 inHg	0102302-04
S4	10/18/20		0.000		U, ND	E	94	2.4	S4 passive	ERG	0.051510246	114366	1.6 inHg	0102914-04
S4	10/24/20		0.333			N	3	1.1	S4 passive	ERG	0.051510246	A21021	5.0 inHg	0110518-04
S4	10/30/20		0.345			NW	310	4.8	S4 passive	ERG	0.051510246	A21106	1.6 inHg	0110923-03
S4	10/30/20	QA	0.102			NW	310	4.8	S4 passive QA	ERG	0.051510246	19660	3.5 inHg	0110923-04
S4	11/05/20		0.186			E	93	0.8	S4 passive	ERG	0.051510246	A21055	1.3 inHg	0111209-04
S4	11/11/20		0.896		LK	S	170	1.3	S4 passive	ERG	0.051510246	SAT023	4.8 inHg	0112512-04
S4	11/17/20		0.157		2	NW	314	4.7	S4 passive	ERG	0.051510246	A21050	0.0 inHg	0112512-08
S4	11/17/20	QA	0.150		2	NW	314	4.7	S4 passive QA	ERG	0.051510246	A21026	0.0 inHg	0112512-09
S4	11/23/20		0.062			NW	316	3.5	S4 passive	ERG	0.051510246	A21044	1.9 inHg	0120410-07
S4	11/29/20		0.106			ESE	103	2.8	S4 passive	ERG	0.051510246	A21074	4.6 inHg	0120410-08
S4	12/05/20			AL		WNW	291	3.5	S4 passive	ERG		SAT148	26.9 inHg	0121714-01
S4	12/11/20		0.587			SSE	148	1	S4 passive	ERG	0.051510246	A21006	2.8 inHg	0122325-04
S4	12/17/20		0.171			WNW	293	4.8	S4 passive	ERG	0.051510246	A21058	4.8 inHg	0122408-04
S4	12/17/20	QA	0.174		2, LK	WNW	293	4.8	S4 passive QA	ERG	0.051510246	5076	0.0 inHg	0122408-05
S4	12/23/20		0.151			ESE	114	3.3	S4 passive	ERG	0.051510246	35139	2.1 inHg	1010627-04
S4	12/29/20		0.137			E	100	2	S4 passive	ERG	0.051510246	114344	2.9 inHg	1010523-04

S4	01/04/21		0.128			SSW	292	1.9	S4 passive	ERG	0.051510246	A21050	2.2 inHg	1011515-04
S4	01/10/21		0.179		2	ENE	60	1.5	S4 passive	ERG	0.051510246	A21099	0.0 inHg	1012724-04
S4	01/10/21	QA	0.132		2	ENE	60	1.5	S4 passive QA	ERG	0.051510246	SAT020	0.0 inHg	1012724-05
S4	01/16/21		0.066			W	268	4.4	S4 passive	ERG	0.051510246	19647	2.1 inHg	1012724-09
S4	01/22/21		0.537		LK	NNW	329	1	S4 passive	ERG	0.051510246	5040	2.9 inHg	1020318-04
S4	01/28/21		0.000		ND, U	NW	317	6.6	S4 passive	ERG	0.051510246	A21109	2.3 inHg	1020424-04
S4	02/03/21		0.070			NW	308	4.2	S4 passive	ERG	0.047172541	110322	1.9 inHg	1021021-05
S4	02/09/21		0.235			ENE	69	1.5	S4 passive	ERG	0.047172541	213	2.0 inHg	1021828-05
S4	02/15/21		0.376		D-F	E	98	3.7	S4 passive	ERG	0.047172541	SAT145	2.8 inHg	1030328-05
S4	02/21/21		0.295		2, LK	ESE	122	4.3	S4 passive	ERG	0.047172541	A21067	0.0 inHg	1030328-10
S4	02/21/21	QA	0.365		2	ESE	122	4.3	S4 passive QA	ERG	0.047172541	SAT185	0.0 inHg	1030328-09
S4	02/27/21		0.199			ESE	107	2.4	S4 passive	ERG	0.047172541	A21065	4.1 inHg	1031120-03
S4	02/27/21	QA	0.289		2	ESE	107	2.4	S4 passive QA	ERG	0.047172541	A21031	0.0 inHg	1031031-02
S4	03/05/21			AF		NW	322	3.2	S4 passive	ERG	0.0472		Did not Collect	No sample ID possible
S4	03/11/21		0.255			SSW	194	1.6	S4 passive	ERG	0.047172541	A21053	5.2 inHg	1031638-04
S4	03/17/21		0.224			ESE	103	3.1	S4 passive	ERG	0.047172541	A21101	4.2 inHg	1032431-04
S4	03/23/21		0.873		LK, D-F	ESE	110	4.3	S4 passive	ERG	0.047172541	SAT029	5.0 inHg	1040821-04
S4	03/23/21	QA	0.605		LK, D-F	ESE	110	4.3	S4 passive QA	ERG	0.047172541	SAT043	4.9 inHg	1040821-05
S4	03/29/21		0.246			NNW	343	2.1	S4 passive	ERG	0.047172541	A21098	5.9 inHg	1041340-05
S4	04/04/21		0.116			WNW	291	1.7	S4 passive	ERG	0.047172541	18828	3.9 inHg	1042219-03
S4	04/10/21		0.327			SSE	161	3.8	S4 passive	ERG	0.047172541	A21108	5.9 inHg	1042219-07
S4	04/16/21		0.437		LK	NNW	333	2.2	S4 passive	ERG	0.047172541	A21033	5.2 inHg	1042935-03
S4	04/22/21		0.316		2, D-F	WNW	290	1.7	S4 passive	ERG	0.047172541	111219	6.1 inHg	1050719-01
S4	04/22/21	QA	0.495		D-F	WNW	290	1.7	S4 passive QA	ERG	0.047172541	18880	5.8 inHg	1043024-03
S4	04/28/21		0.273		2	SSW	204	1.7	S4 passive	ERG	0.047172541	A21026	6.5 inHg	1051246-04
S4	05/04/21		0.490			SSW	200	2.5	S4 passive	ERG	0.047172541	A22304	5.8 inHg	1051939-03
S4	05/10/21		0.174		2	W	278	3	S4 passive	ERG	0.047172541	110258	6.1 inHg	1051939-08
S4	05/16/21		0.105			SSW	198	1.2	S4 passive	ERG	0.047172541	19647	5.8 inHg	1060325-05
S4	05/22/21		0.109			ENE	69	1.1	S4 passive	ERG	0.047172541	19295	5.1 inHg	1060325-06
S4	05/28/21		0.354		LK, 2	SW	232	3.2	S4 passive	ERG	0.047172541	A21005	6.2 inHg	1060925-04
S4	05/28/21	QA	0.249		LK, 2	SW	232	3.2	S4 passive QA	ERG	0.047172541	A21104	6.3 inHg	1060837-05
S6	12/23/19			AN		ENE	67	4.7	S6 passive				Did not Collect	No sample ID possible
S6	12/23/19			AN					S6 passive	ERG		SAT021	0.0 inHg	0010324-02
S6	12/31/19		0.137		LK	W	275	6.2	S6 passive	ERG	0.045184426	5059	1.2 inHg	0010716-04
S6	01/04/20		0.246		2, LK	WNW	285	7.3	S6 passive	ERG	0.045184426	SAT109	0.0 inHg	0011422-04
S6	05/15/20		0.857		LK	SE	130	3.2	S6 passive	ERG	0.051510246	SAT088	3.5 inHg	0052846-05
S6	06/20/20		0.240		2	NW	321	1.5	S6 passive	ERG	0.051510246	18883	8.1 inHg	0062611-05
S6	07/20/20		0.302			WSW	258	1	S6 passive	ERG	0.051510246	19277	1.6 inHg	0072930-05
S6	11/23/20		0.000		2, U, ND	NW	316	3.5	S6 passive	ERG	0.051510246	19644	0.0 inHg	0120410-09
S6	12/23/20		0.055			ESE	114	3.3	S6 passive	ERG	0.051510246	18874	1.3 inHg	1010722-01
S7	12/23/19			AN		ENE	67	4.7	S7 passive				Did not Collect	No sample ID possible
S7	12/23/19			AN					S7 passive	ERG		5024	VOID	0010324-03
S7	12/31/19		0.172		2	W	275	6.2	S7 passive	ERG	0.045184426	SAT014	0.0 inHg	0010716-05
S7	01/04/20			AF		WNW	285	7.3	S7 passive	ERG		SAT176	25.1 inHg	0011422-05
S7	01/22/20		0.100		U	ENE	78	2.2	S7 passive	ERG	0.0452	18831	1.0 inHg	0012928-01
S7	02/27/20		0.151		LK	WNW	301	5.1	S7 passive	ERG	0.045184426	18884	2.4 inHg	0030605-02
S7	03/28/20		0.336		2	SW	220	2.8	S7 passive	ERG	0.051510246	18876	8.1 inHg	0040817-06
S7	04/27/20		0.414			WNW	302	3.5	S7 passive	ERG	0.051510246	18878	4.8 inHg	0050617-04
S7	05/15/20		1.460		LK, 2	SE	130	3.2	S7 passive	ERG	0.051510246	5075	8.9 inHg	0052846-06

S7	05/27/20		1.092		LK, 2	E	90	3.2	S7 passive	ERG	0.051510246	SAT109	7.1 inHg	0060506-05
S7	06/20/20		0.622		LK, 2	NW	321	1.5	S7 passive	ERG	0.051510246	5108	0.0 inHg	0062611-06
S7	07/20/20		0.678		2	WSW	258	1	S7 passive	ERG	0.051510246	SAT003	0.0 inHg	0072930-06
S7	08/19/20			AF		SE	125	1.9	S7 passive				Did not Collect	No sample ID possible
S7	09/24/20		0.371			ESE	104	4.1	S7 passive	ERG	0.051510246	SAT179	4.9 inHg	0100211-05
S7	10/30/20		0.197			NW	310	4.8	S7 passive	ERG	0.051510246	A21040	3.5 inHg	0110604-02
S7	11/23/20		0.093			NW	316	3.5	S7 passive	ERG	0.051510246	33503	2.0 inHg	0120410-10
S7	12/23/20			AN					S7 passive	ERG	0.0515	A21103	29.6 inHg	1010523-05
S7	01/28/21		0.000		2, ND, U	NW	317	6.6	S7 passive	ERG	0.051510246	114386	0.0 inHg	1020424-05
S7	02/27/21		0.087			ESE	107	2.4	S7 passive	ERG	0.047172541	A21074	1.5 inHg	1031120-04
S7	03/29/21		0.134		2	NNW	343	2.1	S7 passive	ERG	0.047172541	18881	6.1 inHg	1041340-04
S7	04/28/21		0.486		2	SSW	204	1.7	S7 passive	ERG	0.047172541	SAT012	7.0 inHg	1051246-03
S7	05/22/21		0.237		LK	ENE	69	1.1	S7 passive	ERG	0.047172541	33544	5.8 inHg	1060325-07
South DeKalb	08/13/19		0.096			SW	225	0.1	South DeKalb ATEC	ERG	0.045184426	114308	14 psig	9082209-03
South DeKalb	08/16/19		0.112			WNW	288	0.2	South DeKalb ATEC	ERG	0.045184426	S/N00013	12 psig	9082209-01
South DeKalb	08/16/19	QA	0.195		LK	WNW	288	0.2	South DeKalb ATEC QA	ERG	0.045184426	S/N00012	12 psig	9082209-02
South DeKalb	09/04/19		0.101			NE	35	0.1	South DeKalb ATEC	ERG	0.045184426	110335	8 psig	9091129-01
South DeKalb	09/19/19		0.095		2	ESE	105	0.7	South DeKalb passive	ERG	0.045184426	18826	11.2 psig	9092560-01
South DeKalb	09/20/19		0.157			ESE	107	0.4	South DeKalb ATEC	ERG	0.045184426	114369	12 psig	9092609-01
South DeKalb	09/24/19		0.347		LK,2	WNW	303	0.2	South DeKalb passive	ERG	0.045184426	5004	7.2 inHg	9092728-01
South DeKalb	09/26/19		0.329		LK, 2	NW	324	0.1	South DeKalb passive	ERG	0.045184426	5063	6.3 inHg	9100319-02
South DeKalb	09/30/19		0.240			W	264	0.1	South DeKalb passive	ERG	0.045184426	A21046	0.7 inHg	9100319-01
South DeKalb	10/03/19		0.289		LK	WNW	297	0.1	South DeKalb passive	ERG	0.045184426	SAT099	2.2 inHg	9100923-01
South DeKalb	10/06/19		0.144			ENE	78	0.6	South DeKalb passive	ERG	0.045184426	SAT158	2.5 inHg	9100923-02
South DeKalb	10/12/19		0.327		LK	WNW	286	0.3	South DeKalb passive	ERG	0.045184426	A21103	3.0 inHg	9102315-01
South DeKalb	10/19/19		0.097			ENE	69	0.8	South DeKalb passive	ERG	0.045184426	A21013	2.2 inHg	9102508-01
South DeKalb	10/24/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/27/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	10/30/19		0.130			SE	127	0.1	South DeKalb passive	ERG	0.045184426	A21009	4.6 inHg	9110119-01
South DeKalb	11/01/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	11/03/19			AF					South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	11/05/19			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible

South DeKalb	11/08/19		0.139			NW	306	0.3	South DeKalb passive	ERG	0.045184426	A21025	3.1 inHg	9111413-01
South DeKalb	11/13/19		0.129			E	93	0.6	South DeKalb passive	ERG	0.045184426	SAT123	1.9 inHg	9111510-01
South DeKalb	11/15/19		0.260		LK	N	2	0.1	South DeKalb passive	ERG	0.045184426	5133	2.2 inHg	9111924-01
South DeKalb	11/20/19		0.748		LK	WNW	298	0.2	South DeKalb passive	ERG	0.045184426	5026	3.8 inHg	9120424-01
South DeKalb	11/23/19		0.082		2, U	WSW	251	0.5	South DeKalb passive	ERG	0.045184426	19277	0.0 inHg	9120424-02
South DeKalb	11/29/19		0.246		2, LK	SSE	149	0.1	South DeKalb passive	ERG	0.045184426	SAT002	0.0 inHg	9120612-01
South DeKalb	12/05/19		0.162		LK	WNW	296	0.2	South DeKalb passive	ERG	0.045184426	49	3.6 inHg	9121208-01
South DeKalb	12/08/19		0.048		LK	E	92	1.5	South DeKalb passive	ERG	0.045184426	A21054	4.1 inHg	9121208-02
South DeKalb	12/11/19		0.034		U	NW	323	0.4	South DeKalb passive	ERG	0.045184426	18864	3.2 inHg	9121842-01
South DeKalb	12/14/19		0.217		LK	WNW	288	0.8	South DeKalb passive	ERG	0.045184426	SAT075	3.2 inHg	9121842-02
South DeKalb	12/17/19		0.153		LK	WNW	292	0.6	South DeKalb passive	ERG	0.045184426	5015	5.6 inHg	9122018-01
South DeKalb	12/19/19		0.278		LK, 2	ESE	118	0.1	South DeKalb passive	ERG	0.045184426	SAT110	0.0 inHg	0010718-01
South DeKalb	12/23/19			AN		ENE	65	1.5	South DeKalb passive	ERG		9570	VOID	0010324-01
South DeKalb	12/31/19		0.128		LK	WNW	287	1.2	South DeKalb passive	ERG	0.045184426	5004	1.4 inHg	0010718-02
South DeKalb	01/04/20		0.160		2	WNW	292	1.3	South DeKalb passive	ERG	0.045184426	A21084	0.0 inHg	0010908-01
South DeKalb	01/07/20		0.042		2, VB	WNW	285	1.1	South DeKalb passive	ERG	0.045184426	A21058	0.0 inHg	0011706-01
South DeKalb	01/10/20			AF					South DeKalb passive	ERG			Did not Collect	No sample ID possible
South DeKalb	01/16/20		0.242		LK	NW	306	0.6	South DeKalb passive	ERG	0.045184426	SAT178	5.7 inHg	0012314-01
South DeKalb	01/22/20		0.418			E	86	0.4	South DeKalb passive	ERG	0.045184426	A21100	2.9 inHg	0020428-01
South DeKalb	01/28/20		0.457		LK	WNW	293	0.5	South DeKalb passive	ERG	0.045184426	5018	3.3 inHg	0020523-02
South DeKalb	01/28/20			AN		WNW	293	0.5	South DeKalb passive	ERG		18828	28.9 inHg	0020523-01
South DeKalb	02/03/20		0.318			SW	224	0.4	South DeKalb passive	ERG	0.045184426	A21058	5.3 inHg	0021217-01
South DeKalb	02/03/20	QA	0.275			SW	224	0.4	South DeKalb passive QA	ERG	0.045184426	A21032	2.9 inHg	0021312-01
South DeKalb	02/09/20			SC		ESE	104	0.8	South DeKalb passive	ERG	0.045184426	A21070	3.2 inHg	0022018-01
South DeKalb	02/15/20		0.466		LK	E	97	0.5	South DeKalb passive	ERG	0.045184426	SAT164	4.1 inHg	0022424-01
South DeKalb	02/21/20		0.165			N	357	0.2	South DeKalb passive	ERG	0.045184426	18870	3.3 inHg	0022815-01

South DeKalb	02/27/20		0.132		2, LK	WNW	298	1.1	South DeKalb passive	ERG	0.045184426	SAT157	0.0 inHg	0030607-01
South DeKalb	03/04/20		0.213			NW	319	0.1	South DeKalb passive	ERG	0.051510246	19284	4.7 inHg	0031323-01
South DeKalb	03/04/20	QA	0.859		LK	NW	319	0.1	South DeKalb passive QA	ERG	0.051510246	SAT137	5.8 inHg	0031323-02
South DeKalb	03/10/20	QA	0.242			SW	215	0.3	South DeKalb ATEC QA	ERG	0.051510246	SAT117	13.2 inHg	0031837-01
South DeKalb	03/16/20		0.459			E	84	0.9	South DeKalb passive	ERG	0.051510246	SAT016	4.5 inHg	0032320-01
South DeKalb	03/22/20		0.146			E	90	0.8	South DeKalb passive	ERG	0.051510246	SAT120	3.3 inHg	0040114-01
South DeKalb	03/22/20	QA	0.296			E	90	0.8	South DeKalb ATEC QA	ERG	0.051510246	A21101	12.9 psi	0040114-02
South DeKalb	03/28/20		0.369		2	SW	235	0.6	South DeKalb passive	ERG	0.051510246	44	6.2 inHg	0040815-01
South DeKalb	04/03/20		0.998		LK	W	278	0.3	South DeKalb passive	ERG	0.051510246	5029	4.9 inHg	0041004-01
South DeKalb	04/03/20	QA	0.468		2	W	278	0.3	South DeKalb passive QA	ERG	0.051510246	SAT042	0.0 inHg	0041004-02
South DeKalb	04/09/20		0.151			WNW	291	1	South DeKalb passive	ERG	0.051510246	18873	5.5 inHg	0041708-01
South DeKalb	04/15/20			AA		NW	306	0.5	South DeKalb ATEC	ERG	0.051510246	A21042	27.56	0042221-02
South DeKalb	04/15/20		0.163		2	NW	306	0.5	South DeKalb passive	ERG	0.051510246	A21035	0.0 inHg	0042221-01
South DeKalb	04/21/20		0.844		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21071	13.1 inHg	0050115-01
South DeKalb	04/27/20		0.916		LK, 2	WNW	291	0.5	South DeKalb passive	ERG	0.051510246	5121	6.3 inHg	0050618-01
South DeKalb	05/03/20		0.398		LK, 2	WSW	255	0.4	South DeKalb passive	ERG	0.051510246	5102	7.1 inHg	0051325-01
South DeKalb	05/03/20	QA	0.604		LK	WSW	255	0.4	South DeKalb passive QA	ERG	0.051510246	22325	4.1 inHg	0051325-02
South DeKalb	05/09/20		0.156		2	WNW	291	0.3	South DeKalb passive	ERG	0.051510246	SAT130	4.1 inHg	0051507-01
South DeKalb	05/15/20		0.504		2	SE	127	0.4	South DeKalb passive	ERG	0.051510246	A21097	0.0 inHg	0052849-01
South DeKalb	05/21/20		0.202			ESE	111	0.2	South DeKalb passive	ERG	0.051510246	A21013	5.0 inHg	0052916-01
South DeKalb	05/27/20			AO		E	93	0.5	South DeKalb passive	ERG		A21080	18.2 inHg	0060509-01
South DeKalb	06/02/20		0.531			S	177	0.2	South DeKalb passive	ERG	0.051510246	A21001	1.5 inHg	0061041-01
South DeKalb	06/02/20	QA	0.142			S	177	0.2	South DeKalb passive QA	ERG	0.051510246	33297	4.0 inHg	0061041-02
South DeKalb	06/08/20		1.151			ESE	110	0.7	South DeKalb passive	ERG	0.051510246	35117	3.0 inHg	0061734-01
South DeKalb	06/14/20		0.394		LK	ESE	119	0.1	South DeKalb passive	ERG	0.051510246	5119	3.8 inHg	0061906-01
South DeKalb	06/20/20		0.821			WNW	295	0.2	South DeKalb passive	ERG	0.051510246	A21047	2.0 inHg	0070605-01

South DeKalb	06/26/20		0.598			WNW	289	0.7	South DeKalb passive	ERG	0.051510246	A21071	2.9 inHg	0070841-01
South DeKalb	07/02/20		0.801		LK	WNW	283	0.1	South DeKalb passive	ERG	0.051510246	5006	3.7 inHg	0070931-01
South DeKalb	07/02/20	QA	0.929		LK	WNW	283	0.1	South DeKalb passive QA	ERG	0.051510246	SAT151	4.9 inHg	0070931-02
South DeKalb	07/08/20		0.815			SW	233	0.05	South DeKalb passive	ERG	0.051510246	SAT016	2.1 inHg	0071714-01
South DeKalb	07/14/20		1.075		LK	W	263	0.1	South DeKalb passive	ERG	0.051510246	5104	3.2 inHg	0072415-01
South DeKalb	07/20/20		3.759			WSW	251	0.1	South DeKalb passive	ERG	0.051510246	A21050	2.0 inHg	0072932-01
South DeKalb	07/26/20		0.513			SW	214	0.1	South DeKalb passive	ERG	0.051510246	SAT064	2.8 inHg	0080537-01
South DeKalb	08/01/20		0.202		2, LK	SSW	211	0.3	South DeKalb passive	ERG	0.051510246	A21074	0.0 inHg	0081409-01
South DeKalb	08/01/20	QA	0.455			SSW	211	0.3	South DeKalb passive QA	ERG	0.051510246	A21065	1.5 inHg	0081409-03
South DeKalb	08/07/20		0.951			SSE	168	0.1	South DeKalb passive	ERG	0.051510246	A21098	1.0 inHg	0081409-02
South DeKalb	08/13/20		2.910		LK	W	272	0.1	South DeKalb passive	ERG	0.051510246	SAT077	5.5 inHg	0082119-01
South DeKalb	08/19/20		0.741			SE	129	0.2	South DeKalb passive	ERG	0.051510246	33503	3.3 inHg	0082741-01
South DeKalb	08/25/20		0.410			E	85	0.1	South DeKalb passive	ERG	0.051510246	19660	1.7 inHg	0090240-01
South DeKalb	08/31/20		0.971		2	WSW	255	0.1	South DeKalb passive	ERG	0.051510246	A21028	0.0 inHg	0090414-01
South DeKalb	09/06/20		1.553		2	E	95	0.1	South DeKalb passive	ERG	0.051510246	53	0.0 inHg	0091632-01
South DeKalb	09/12/20		0.624		LK	ESE	103	0.5	South DeKalb passive	ERG	0.051510246	5062	4.2 inHg	0092334-01
South DeKalb	09/18/20		0.325		LK, 2, D-F	WNW	292	0.1	South DeKalb passive	ERG	0.051510246	19300	1.1 inHg	0093026-03
South DeKalb	09/18/20			DA		WNW	292	0.1	South DeKalb passive	ERG	0.051510246	35149	VOID	0093026-01
South DeKalb	09/24/20		0.385		LK	E	101	0.6	South DeKalb passive	ERG	0.051510246	5072	1.6 inHg	0093026-02
South DeKalb	09/30/20		0.596		2, LK	W	279	0.4	South DeKalb passive	ERG	0.051510246	SAT021	0.0 inHg	0100835-01
South DeKalb	10/06/20		0.533		LK, D-F	ESE	108	0.1	South DeKalb passive	ERG	0.051510246	5073	2.3 inHg	0101531-01
South DeKalb	10/06/20	QA	0.701		LK, D-F, 2	ESE	108	0.1	South DeKalb passive QA	ERG	0.051510246	5066	6.1 inHg	0101531-02
South DeKalb	10/12/20		0.242			W	281	0.3	South DeKalb passive	ERG	0.051510246	18876	1.8 inHg	0101606-01
South DeKalb	10/18/20		0.170		2	ESE	107	0.3	South DeKalb passive	ERG	0.051510246	114344	0.0 inHg	0102917-01
South DeKalb	10/24/20		0.699		2	SE	140	0.1	South DeKalb passive	ERG	0.051510246	A21089	9.5 inHg	0103007-01
South DeKalb	10/30/20		1.050		2, LK	WNW	296	0.8	South DeKalb passive	ERG	0.051510246	SAT028	0.0 inHg	0111124-01

South DeKalb	11/05/20		0.819		LK, 2	ESE	110	0.1	South DeKalb passive	ERG	0.051510246	SAT164	0.0 inHg	0111825-01
South DeKalb	11/05/20	QA	0.183			ESE	110	0.1	South DeKalb passive QA	ERG	0.051510246	A21015	3.8inhg	0111825-03
South DeKalb	11/11/20		0.464		LK	ESE	106	0.1	South DeKalb passive	ERG	0.051510246	SAT151	5.0 inHg	0111825-02
South DeKalb	11/17/20		0.134			NW	307	0.5	South DeKalb passive	ERG	0.051510246	A21025	3.0 inHg	0112514-01
South DeKalb	11/23/20		0.222		LK	NW	312	0.5	South DeKalb passive	ERG	0.051510246	5006	5.5 inHg	0120413-01
South DeKalb	11/29/20		0.314		LK	E	89	0.7	South DeKalb passive	ERG	0.051510246	5100	5.1 inHg	0121015-01
South DeKalb	12/05/20		0.166		LK	WNW	292	0.7	South DeKalb passive	ERG	0.051510246	5101	0.0 inHg	0121641-01
South DeKalb	12/11/20		0.140			ESE	118	0.1	South DeKalb passive	ERG	0.051510246	A21036	1.9 inHg	0122328-01
South DeKalb	12/11/20	QA	0.217			ESE	118	0.1	South DeKalb passive QA	ERG	0.051510246	35136	4inhg	0122328-02
South DeKalb	12/17/20		0.289		LK	WNW	293	1	South DeKalb passive	ERG	0.051510246	22325	1.8 inHg	0123027-01
South DeKalb	12/23/20		0.091			ESE	109	0.6	South DeKalb passive	ERG	0.051510246	114348	3.8 inHg	1010628-01
South DeKalb	12/23/20		0.103			ESE	109	0.6	South DeKalb ATEC	ERG	0.051510246	110305	10psig	1010721-01
South DeKalb	12/29/20			AK		E	98	0.2	South DeKalb ATEC	ERG		SAT007	VOID	1011328-01
South DeKalb	12/29/20		0.091			E	98	0.2	South DeKalb passive	ERG	0.051510246	114329	3.9 inHg	1011328-02
South DeKalb	01/04/21		0.081			WNW	287	0.3	South DeKalb passive	ERG	0.051510246	35152	2.1 inHg	1011328-03
South DeKalb	01/04/21	QA		SC		WNW	287	0.3	South DeKalb passive QA	ERG	0.051510246	35124	VOID	1011328-04
South DeKalb	01/10/21		0.000		U, ND	SE	130	0.1	South DeKalb ATEC	ERG	0.051510246	33309	11.9 psig	1012128-01
South DeKalb	01/10/21		0.171		2	SE	130	0.1	South DeKalb passive	ERG	0.051510246	A21001		1012128-02
South DeKalb	01/16/21		0.052		2	WNW	287	0.8	South DeKalb ATEC	ERG	0.051510246	33496	12.4 psig	1012725-02
South DeKalb	01/16/21		0.130		2	WNW	287	0.8	South DeKalb passive	ERG	0.051510246	A21108		1012725-01
South DeKalb	01/22/21		0.000		2, ND	W	271	0.3	South DeKalb passive	ERG	0.051510246	SAT078	0.0 inHg	1012902-01
South DeKalb	01/22/21		0.264		LK, 2, 1, 6	W	271	0.3	South DeKalb ATEC	ERG	0.051510246	SAT129	12.8 psig	1012902-02
South DeKalb	01/28/21		0.258		2, 1 ,6	NW	319	1.2	South DeKalb ATEC	ERG	0.051510246	SAT025	12.9 psig	1020518-02
South DeKalb	01/28/21		0.761		2, LK	NW	319	1.2	South DeKalb passive	ERG	0.051510246	33493	0.0 inHg	1020518-01
South DeKalb	02/03/21		0.058		2	WNW	302	0.8	South DeKalb passive	ERG	0.047172541	110342	0.0 inHg	1021209-02
South DeKalb	02/03/21			AA		WNW	302	0.8	South DeKalb passive	ERG	0.047172541	AQL0397	VOID	1021209-01

South DeKalb	02/03/21			AF		WNW	302	0.8	South DeKalb ATEC	ERG		114370	Did not Collect	AK67641
South DeKalb	02/09/21			AF		ENE	60	0.1	South DeKalb ATEC	ERG			Did not Collect	No sample ID possible
South DeKalb	02/09/21		0.389		LK, 2	ENE	60	0.1	South DeKalb passive	ERG	0.047172541	SAT112	6.2 inHg	1021909-03
South DeKalb	02/15/21		0.043		1, 6, VB	E	94	0.9	South DeKalb ATEC	ERG	0.047172541	2767	12.9 psig	1022212-02
South DeKalb	02/15/21		0.193		1, 6	E	94	0.9	South DeKalb passive	ERG	0.047172541	35135	4.9 inHg	1022212-01
South DeKalb	02/21/21		0.122		1, 6	SE	125	0.8	South DeKalb passive	ERG	0.047172541	18828	5.0 inHg	1030511-01
South DeKalb	02/21/21		0.221		1, 6	SE	125	0.8	South DeKalb ATEC	ERG	0.047172541	SAT092	12.8 psig	1030511-02
South DeKalb	02/27/21		0.076		1, 6	E	90	0.4	South DeKalb ATEC	ERG	0.047172541	33540	13.0 psig	1030511-03
South DeKalb	02/27/21		0.131		2	E	90	0.4	South DeKalb passive	ERG	0.047172541	SAT002	0.0 inHg	1030511-04
South DeKalb	03/05/21			AF		NW	318	0.3	South DeKalb passive				Did not Collect	No sample ID possible
South DeKalb	03/11/21		0.165		2, 1, 6	SSE	162	0.2	South DeKalb ATEC	ERG	0.047172541	A21056	13.2psig	1031637-01
South DeKalb	03/11/21		0.224			SSE	162	0.2	South DeKalb passive	ERG	0.047172541	A21006	1.3 inHg	1031637-03
South DeKalb	03/11/21	QA	0.230		2, 1, 6	SSE	162	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT101	12.4psig	1031637-02
South DeKalb	03/17/21		0.053		2	E	100	0.7	South DeKalb passive	ERG	0.047172541	110314	0.0 inHg	1032327-01
South DeKalb	03/17/21		0.072		1, 6	E	100	0.7	South DeKalb ATEC	ERG	0.047172541	9570	13.2psig	1032327-02
South DeKalb	03/23/21			AF		E	100	0.8	South DeKalb ATEC	ERG		110258	Did not Collect	1032613-03
South DeKalb	03/23/21		0.112			E	100	0.8	South DeKalb passive	ERG	0.047172541	114366	6 inHg	1032613-01
South DeKalb	03/23/21	QA	0.192		2	E	100	0.8	South DeKalb passive QA	ERG	0.047172541	111219	6.2 inHg	1032613-02
South DeKalb	03/29/21		0.070			E	82	0.1	South DeKalb passive	ERG	0.047172541	114322	3.1 inHg	1040132-02
South DeKalb	03/29/21		0.099		1, 6	E	82	0.1	South DeKalb ATEC	ERG	0.047172541	SAT061	12.4psig	1040132-01
South DeKalb	03/31/21		3.091		LK, 1, 6	WSW	258	0.1	South DeKalb ATEC	ERG	0.047172541	A21007	12.6psig	1040822-01
South DeKalb	04/04/21			AF		W	281	0.3	South DeKalb ATEC				Did not Collect	No sample ID possible
South DeKalb	04/04/21		0.093			W	281	0.3	South DeKalb passive	ERG	0.047172541	18889	2.5 inHg	1040822-02
South DeKalb	04/04/21	QA	0.146			W	281	0.3	South DeKalb passive QA	ERG	0.047172541	33315	5.2inhg	1040822-03
South DeKalb	04/07/21		0.124		1, 6	SW	229	0.2	South DeKalb ATEC	ERG	0.047172541	19284	13.4psig	1041341-01
South DeKalb	04/07/21	QA	0.295		LK, 1, 6	SW	229	0.2	South DeKalb ATEC QA	ERG	0.047172541	SAT057	12.8psig	1041411-01

South DeKalb	04/10/21		0.103	2, 1, 6	SE	143	0.4	South DeKalb ATEC	ERG	0.047172541	SAT130	11.6psig	1041341-03
South DeKalb	04/10/21		0.307	LK	SE	143	0.4	South DeKalb passive	ERG	0.047172541	SAT073	5.9inhg	1041341-02
South DeKalb	04/16/21		0.086		S	182	0.1	South DeKalb passive	ERG	0.047172541	9570	3.9 inHg	1042121-01
South DeKalb	04/16/21		0.177	1, 6	S	182	0.1	South DeKalb ATEC	ERG	0.047172541	SAT020	12.6psig	1042121-02
South DeKalb	04/22/21		0.056	2	WNW	290	0.2	South DeKalb passive	ERG	0.047172541	18865	0.0 inHg	1042837-01
South DeKalb	04/22/21		0.072	1, 6	WNW	290	0.2	South DeKalb ATEC	ERG	0.047172541	110322	12.4psig	1042837-02
South DeKalb	04/28/21		0.361	LK	SSW	192	0.2	South DeKalb passive	ERG	0.047172541	SAT018	5.9inhg	1050525-01
South DeKalb	04/28/21		0.562	LK, 1, 6	SSW	192	0.2	South DeKalb ATEC	ERG	0.047172541	SAT075	12.7psig	1050525-02
South DeKalb	05/04/21		0.291	LK, 1, 6	SSW	212	0.1	South DeKalb ATEC	ERG	0.047172541	A21047	10psig	1051245-03
South DeKalb	05/04/21		0.678	LK, D-F, 2	SSW	212	0.1	South DeKalb passive	ERG	0.047172541	A21096	9.00 inHg	1051245-01
South DeKalb	05/04/21	QA	0.267	D-F, 2	SSW	212	0.1	South DeKalb passive QA	ERG	0.047172541	A21013	13.5 inHg	1051245-02
South DeKalb	05/10/21		0.099	1, 6	W	278	0.4	South DeKalb ATEC	ERG	0.047172541	33235	10.2psig	1051940-03
South DeKalb	05/10/21		0.211		W	278	0.4	South DeKalb passive	ERG	0.047172541	18879	5.8 inHg	1051940-01
South DeKalb	05/10/21	QA	0.147	1, 6	W	278	0.4	South DeKalb ATEC QA	ERG	0.047172541	18881	12.4psig	1051940-02
South DeKalb	05/16/21		0.128	1, 6	SSW	205	0.2	South DeKalb ATEC	ERG	0.047172541	19648	9.8psig	1052014-01
South DeKalb	05/16/21		0.549		SSW	205	0.2	South DeKalb passive	ERG	0.047172541	19656	5.5 inHg	1052113-01
South DeKalb	05/22/21		0.168	2	SE	146	0.1	South DeKalb passive	ERG	0.047172541	19288	6.2 inHg	1060326-02
South DeKalb	05/22/21		0.264	1, 6	SE	146	0.1	South DeKalb ATEC	ERG	0.047172541	18873	9.8psig	1060326-03
South DeKalb	05/28/21		0.156	1, 6, 2	SW	234	0.5	South DeKalb ATEC	ERG	0.047172541	114366	9.6psig	1060416-02
South DeKalb	05/28/21		0.483	2	SW	234	0.5	South DeKalb passive	ERG	0.047172541	33507	7.1 inHg	1060416-01

Ethylene Oxide Field Blank Data

Site Name	Sample Date	qa	Concentration (ug/m3)	Null Code	Qualifier Code	Site-Sampler-Type	Lab	Method Detection Limit (ug/m3)	Canister	Final Canister Pressure	Sample ID
Cobb FB	01/23/20		0.0000		U, ND	Cobb FB	ERG	0.045184426	9570	Field Blank	0013118-01
Cobb FB	02/21/20		0.0000		U, ND	Cobb FB	ERG	0.045184426	53	Field Blank	0030235-05
Cobb FB	03/25/20		0.0000		U, ND	Cobb FB	ERG	0.051510246	A21074	Field Blank	0040116-01
Cobb FB	04/24/20		0.0000		U, ND	Cobb FB	ERG	0.051510246	9570	Field Blank	0050113-06
Cobb FB	05/26/20		0.0000		U, ND	Cobb FB	ERG		SAT081	Field Blank	0052917-01
Cobb FB	06/23/20		0.0000		ND	Cobb FB	ERG	0.051510246	33506	Field Blank	0062611-07
Cobb FB	07/22/20		0.0349			Cobb FB	ERG	0.051510246	SAT025	Field Blank	0072930-07
Cobb FB	09/29/20			AR		Cobb FB	ERG		5054	Field Blank	0100211-06
Cobb FB	11/24/20		0.0132			Cobb FB	ERG	0.051510246	2240	Field Blank	0120410-11
Cobb FB	12/28/20		0.0000		U, ND	Cobb FB	ERG	0.051510246	A22304	Field Blank	1011327-01
Cobb FB	01/27/21		0.0000		ND, U	Cobb FB	ERG	0.051510246	110314	Field Blank	1020318-05
Cobb FB	04/27/21		0.0000		ND	Cobb FB	ERG	0.047172541	114344	Field Blank	1050423-01
Cobb FB	05/27/21		0.0000		ND	Cobb FB	ERG	0.047172541	33506	Field Blank	1060241-01
Covington FB	10/30/19		0.0000		ND	Covington FB	ERG	0.045184426	A21032	Field Blank	9110118-10
Covington FB	11/24/19			AF		Covington FB					No sample ID possible
Covington FB	12/30/19		0.0000		ND	Covington FB	ERG	0.045184426	A21026	Field Blank	0010322-09
Covington FB	01/27/20		0.0000		U, ND	Covington FB	ERG	0.045184426	A21000	Field Blank	0013117-03
Covington FB	02/21/20		0.0000		U, ND	Covington FB	ERG	0.045184426	19280	Field Blank	0030236-01
Covington FB	03/25/20		0.0000		U, ND	Covington FB	ERG	0.051510246	A21000	Field Blank	0040115-06
Covington FB	04/24/20		0.0316			Covington FB	ERG	0.051510246	SAT008	Field Blank	0050114-06
Covington FB	05/22/20			AR		Covington FB	ERG		A21073	Field Blank	0052918-01
Covington FB	06/24/20		0.0000		ND	Covington FB	ERG	0.051510246	SAT056	Field Blank	0070602-06
Covington FB	09/28/20			AR		Covington FB	ERG		19281	Field Blank	0100213-01
Covington FB	11/24/20		0.0000		ND	Covington FB	ERG	0.051510246	SAT043	Field Blank	0120411-06
Covington FB	12/28/20		0.0000		U, ND	Covington FB	ERG	0.051510246	213	Field Blank	1011326-01
Covington FB	01/26/21		0.0000		ND, U	Covington FB	ERG	0.051510246	A21011	Field Blank	1020319-01
Covington FB	04/27/21		0.0000		ND	Covington FB	ERG	0.047172541	110342	Field Blank	1050523-06
Covington FB	05/25/21		0.0000		ND	Covington FB	ERG	0.047172541	110252	Field Blank	1060324-06
Fulton FB	02/21/20		0.0000		U, ND	Fulton FB	ERG		A21096	Field Blank	0030234-03
Fulton FB	05/26/20		0.0300		LK, U	Fulton FB	ERG		35118	Field Blank	0052919-01
Fulton FB	06/23/20		0.0000		U, ND	Fulton FB	ERG	0.051510246	19300	Field Blank	0062612-03
Fulton FB	07/22/20		0.0000		U, ND	Fulton FB	ERG	0.051510246	A21012	Field Blank	0072931-03
Fulton FB	09/29/20			AR		Fulton FB	ERG		SAT027	Field Blank	0100212-04
Fulton FB	11/24/20		0.0148		U	Fulton FB	ERG	0.051510246	SAT037	Field Blank	0120412-05
Fulton FB	12/28/20		0.0000		U, ND	Fulton FB	ERG	0.051510246	18836	Field Blank	1011329-01
Fulton FB	01/27/21		0.0000		ND, U	Fulton FB	ERG	0.051510246	5101	Field Blank	1020317-04
Fulton FB	04/27/21		0.0427		U	Fulton FB	ERG	0.047172541	SAT029	Field Blank	1050524-01
Fulton FB	05/27/21		0.0000		ND	Fulton FB	ERG	0.047172541	33540	Field Blank	1060242-01

Null Codes, Qualifier Codes, and Informational Codes

Null Codes	Description
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

Qualifier Codes	Description
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.

Inform Code	Description
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

Memo Explaining Precision, Dated January 17, 2020

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

EPD Director's Office
2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
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 µg/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

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 Divison, 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.

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.

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

Xi (Doris) Chen, AAMG Air Toxics Methods Lead

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

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404-656-4713

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 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

Memo Regarding Data Flagging Methodology, Dated April 26, 2021

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

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 Date: 2021.05.07 14:12:07 -04'00'
Air Methods and Characterization Division, Center for Environmental Measurement and Modeling

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[1] 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 (≤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.

[1] 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

Kruskal-Wallis and Wilcoxon Rank Sum Test Results

Kruskal-Wallis Test	
Sites Compared	**Results**
C2, C3, C4, C5, General Coffee, South DeKalb	chi-squared = 7.6218, df = 5, p-value = 0.1783
S1, S2, S3, S4, General Coffee, South DeKalb	chi-squared = 4.8117, df = 5, p-value = 0.4393
F1, F2, General Coffee, South DeKalb	chi-squared = 44.6, df = 3, p-value = 1.125e-09
F1 (after controls), General Coffee, South DeKalb	chi-squared = 0.90013, df = 2, p-value = 0.6376
F2 (after controls), General Coffee, South DeKalb	chi-squared = 2.7378, df = 2, p-value = 0.2544

Follow-Up Wilcoxon Rank Sum Test for More Detail	
Sites Compared	**p-value**
F1 and F2	9.97E-05
F1 and General Coffee	0.02661266
F2 and General Coffee	6.56E-07
F1 and South DeKalb	0.03733292
F2 and South DeKalb	2.97E-09
General Coffee and South DeKalb	0.5372983

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