

Investigations of the Brevard Fault zone and Tugaloo Terrane adjacent to the Grandfather
Mountain Window, North Carolina

By

Sheri J. Williams

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Director of Thesis: David Farris

Major Department: Geological Sciences

ABSTRACT

The Brevard Fault Zone adjacent to the Grandfather Mountain window, NC is interpreted to be a terrane boundary between Laurentian margin rocks and accreted rocks of the Tugaloo Terrane. Structural, geochemical, and lithological differences across the fault zone support this interpretation. The northeast trending Brevard Fault zone consists of mylonitic to cataclastic foliation and a backstop of a northwest-directed thrust stack that includes the Alligator Back metamorphic suite, and thrusts propagating into the Grandfather Mountain Formation and Grenville basement. Understanding the geometry, deformation, and strain history of the Brevard Fault zone and the lithotectonic/geochemical history of the Tugaloo terrane in this location can help answer questions regarding the evolution of the southern Appalachians, the relation between the Tugaloo Terrane and the Brevard Fault zone, how faults behavior varies with depth, and how structures are reused through time. A better understanding of the nature of these features in the southern Appalachians will provide context for interpretation of similar features in other orogenic systems.

Rocks to the NW of the fault zone, in the Grandfather Mountain window, exhibit both ductile and brittle deformation with annealed quartz matrix and fractured potassium feldspar and

large quartz porphyroclasts that sometimes have pressure shadows and are often visible at the mesoscale. Electron backscatter diffraction (EBSD) quartz crystallographic preferred orientation (CPO) pole figures support a high temperature, ~550-600 °C, deformation with a lower temperature overprint at ~350 °C. The dominant mineral assemblage suggests deformation at greenschist facies. Any high temperature ductile deformation likely predates the amalgamation of Pangea and the transition from ductile to brittle deformation likely occurred during Alleghenian thrusting.

In contrast, the Tugaloo Terrane rocks SE of the fault zone exhibit predominantly ductile deformation structures. Although quartz CPO pole figures show a similar high and low-temperature history as the data to the NW, brittle structures in thin-sections are lacking. Dominant microstructures include feldspar porphyroclasts with tails or strain shadows, and the quartz grains exhibit dynamic recrystallization with bulging grain boundaries and sub-grain boundary rotation. Fractured feldspar porphyroclasts are rare and primarily occur within ~500 m of the Brevard Fault zone. The metamorphic mineral assemblages support lower amphibolite facies with a greenschist facies overprint. The incipient Brevard Fault zone was first activated as a terrane boundary during the Taconic; it became the sole of an orogenic channel during the Acadian to Neocadian orogeny, and then reactivated as a buttress/ramp for Alleghenian thrusting.

**Investigations of the Brevard Fault zone and Tugaloo Terrane adjacent to the Grandfather
Mountain Window, North Carolina**

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By

Sheri J Williams

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Director of Thesis: David Farris, PhD

Thesis Committee Members:

Eric Horsman, PhD

Adriana Heimann, PhD

Arthur J Merschat, PhD

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LIST OF ABBREVIATIONS

ADCOH – Appalachian Ultra Deep Core Hole

BFZ/Pzb – Brevard Fault Zone

Bt – Biotite

Cal – Calcite

Chl – Chlorite

COCORP – Consortium for Continental Reflection Profiling

CPO – Crystallographic Preferred Orientation

EBSD – Electron Backscatter Diffraction

Ep – Epidote group (Zoisite)

Ga – Billion years

Gr – Graphite

Grt – Garnet

Hb – Hornblende (amphibole)

HFSE – High Field Strength Elements

Kpr – Potassium Feldspar

Ky – Kyanite

LILE – Large Ion Lithophile Elements

Ma – Million years

Ms – Muscovite

Nb – Niobium

Pb – Lead

Ppm – Parts per million

Qz – Quartz

Rb – Rubidium

REE/HREE – Rare Earth Elements / Heavy Rare Earth Elements

Ta – Tantalum

VE – Vertical exaggeration

Y – Yttrium

Yb – Ytterbium

INTRODUCTION

Faults are crustal weaknesses that are activated and sometimes reactivated during collisional, extensional, and strike-slip tectonic episodes, and often represent terrane boundaries. Therefore, how these boundaries function at depth and why they are reactivated is imperative to understanding how orogenic systems work. This study examines and quantifies structural, geophysical, and geochemical data in, and adjacent to, the Grandfather Mountain window to gain a better understanding of the nature of terrane boundaries in the southern Appalachians and how crustal boundaries are reactivated throughout multiple orogenies.

In much of the southern Appalachian Mountains, the Brevard Fault zone represents a boundary between the eastern Blue Ridge / Inner Piedmont or Tugaloo Terrane, and the rocks have been interpreted as having similar terrane provenance on both sides of the fault zone (e.g., Bream et al., 2004; Merschhat et al., 2010; Hatcher, 2010) (Fig. 1). However, in the Grandfather Mountain window of western North Carolina, Brevard Fault zone and younger accreted terrane rocks outboard of the fault zone are exposed and juxtaposed against Proterozoic basement and Rodinia rift-related rocks.

Understanding the geometry, deformation, and strain history of the Brevard Fault zone and the lithotectonic history of the Tugaloo terrane in this location can help answer questions regarding the evolution of the southern Appalachians, the relation between the Tugaloo Terrane and the Brevard Fault zone, how faults act at depth, and how structures are reused through time.

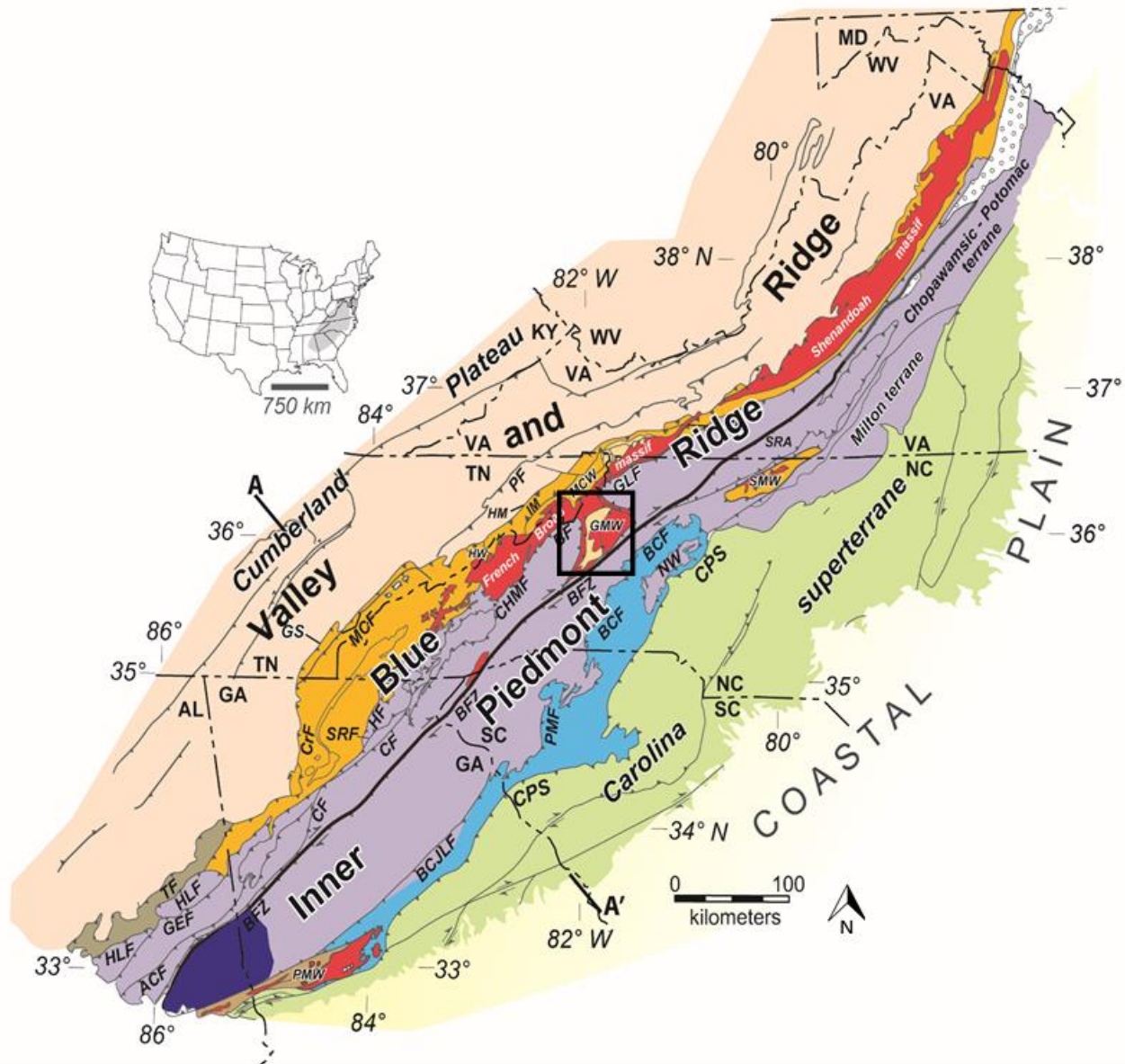


Figure 1. Lithotectonic map of the southern and central Appalachians. Dark blue polygon in lower left is the Dadeville complex, a proposed Ordovician volcanic arc (Tull et al., 2018). Heavy black line (southwest to northeast) is the Brevard Fault zone (BFZ). The Gossan Lead fault (GLF) is located on west side of Inner Piedmont (light purple polygon). Black box is the Grandfather Mountain window and figure 2 (center). Insert map (upper left) is location reference. Modified from Mersch et al., 2017.

GEOLOGIC HISTORY

The Appalachian Mountains extend from Newfoundland southwestward to Alabama, where they reside beneath the coastal plain. Near New York, the mountain chain is the narrowest and marks the point where the trend and deformational characteristics change from a more northerly strike with the oldest deformation on the western flank to a northeast strike with the oldest deformation in the interior (Hatcher, 2010). The oldest rocks in the southern Appalachians are the approximately 1.1 Ga Grenville granitoids and associated metamorphic rocks that formed during the amalgamation of the supercontinent Rodinia (Sinha et al., 1996; Carrigan et al., 2003).

In the southern Appalachian Mountains, the formation and break-up of Rodinia produced volcanic and sedimentary sequences such as the 800-700 Ma Grandfather Mountain Formation and granitic intrusions such as the 760 Ma Brown Mountain Granite (Fetter and Goldberg, 1995). Early rifting of Rodinia, which initiated at approximately 750 Ma and resulted in the formation of the Iapetus and Rheic oceans by approximately 560 Ma. (Murphy et al., 2010). At approximately 460 Ma, the Iapetus and Rheic oceans began closing and over the next ~ 200 million years the formation of Pangea commenced in what is considered the classical stages of Appalachian orogenesis: the Taconic, Acadian, and Alleghenian orogenies (e.g., Hatcher, 2010; Burton and Southworth, 2010). During the Triassic, the formation of the modern Atlantic Ocean initiated as Pangea began to rift (Withjack et al., 1998). Epeirogenic uplift since the Miocene has contributed to the current topographic relief (Galen et al., 2013). Most of these orogenic events are represented in the Colletsville, North Carolina, 7.5-minute quadrangle, making this an excellent location for the study of the nature and reactivation of terrane boundaries, crustal-scale faults, and lithostratigraphies. In particular, the Grandfather Mountain window allows for a view through

overlying thrust sheets and examination of Grenville age Laurentian basement rocks below those of the accreted Tugaloo Terrane.

The Study Area

The Collettsville 7.5-minute quadrangle was mapped as part of the Lenoir 15-minute quadrangle (1:62,500 scale) by Reed (1964) and was included as part of the southeastern section in the Geology of the Grandfather Mountain Window (Bryant and Reed, 1970) (Fig. 2). The NE/SW trending Brevard Fault zone, characterized by cataclastic and mylonitized schist, phyllite, and gneiss, approximately bisects the quadrangle and juxtaposes Proterozoic Grenville basement and Rodinia rift-related rocks against the Neoproterozoic to Ordovician Tugaloo Terrane rocks. However, outside of and north of the window, the Tugaloo/eastern Blue Ridge rocks are juxtaposed over the Laurentian margin/Western Blue Ridge rocks by the Neocadian Gossan Lead fault zone. (e.g., Trupe et al., 2004; Levine et al., 2018).

The Taconic orogeny (480-450 Ma) is represented by Neoproterozoic to Ordovician arc derived rocks of the Tugaloo Terrane located southeast of the Brevard Fault zone (Farris et al., 2017; Tull et al., 2018). The Acadian orogeny (430-330 Ma), which marks the potential first movement along the Brevard fault zone, is represented by high-grade metamorphism and multi-phase deformation (Hatcher, 2001; Kish, 1990; Wilson, 2006). The Alleghenian orogeny (335-260 Ma), associated with the collision of Gondwana, resulted in the emplacement of multiple crystalline thrust sheets and formation of the Grandfather Mountain window (Hatcher, 2010). During the late Alleghenian (~ 280-260 Ma), brittle out-of-sequence thrusting records the last reactivation of the Brevard Fault (Hatcher, 2001). Triassic to Jurassic diorite dikes and faults crosscut the earlier structures (Bryant and Reed, 1970; Hatcher, 2001).

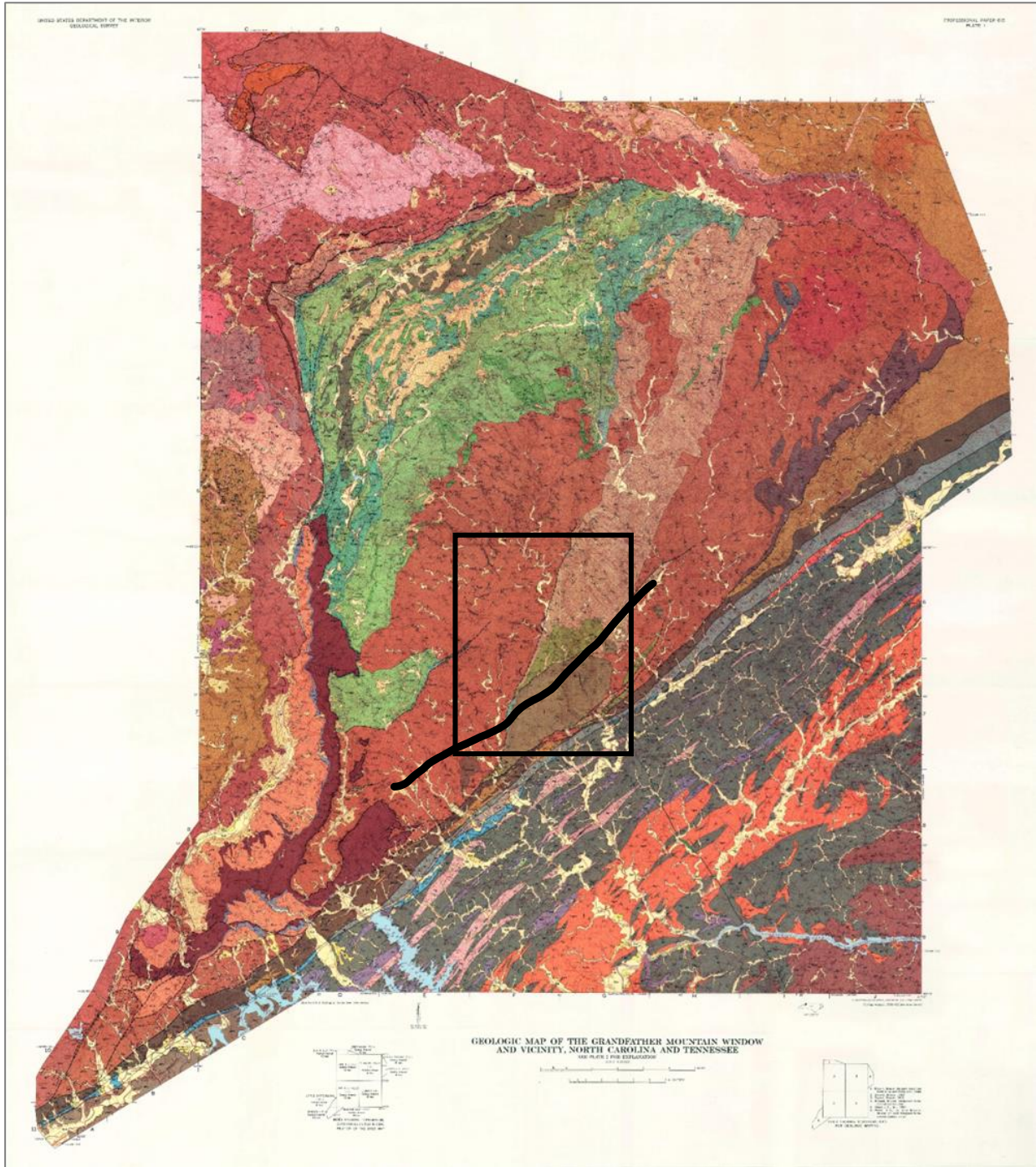


Figure 2. Geologic map of the Grandfather Mountain Window. Black box is the Collettsville, NC 7.5-minute quadrangle (study area). Thick black line is the Brevard Fault zone. Credit: Bryant and Reed, 1970

Inner Piedmont/Tugaloo Terrane

The Inner Piedmont or Tugaloo Terrane extends from Alabama as the Dadeville Complex to potentially Virginia as the Chopawamsic Terrane (Coler et al., 2000; Tull et al., 2018) (Fig. 1). Both the Dadeville and Chopawamsic Terrane are located outboard of the Brevard Fault. However, the Tugaloo Terrane in between Alabama and Virginia is found on both sides of the Fault zone (Hatcher, 2001). The terrane is considered the orogenic core of the southern Appalachian Mountains and has undergone multiple deformation phases that are recorded in shallow dipping W/NW directed thrust sheets (e.g., Bream, 2003; Merschhat et al., 2005; Hatcher and Merschhat, 2006). Complex fold patterns and kinematic indicators record at least four deformation events and up to six in some locales (Hatcher, 2010). The terrane has been suggested to be of Laurentian, peri-Laurentian, or peri-Gondwanan affinity (e.g., Bream et al., 2004; Hatcher, 2010; Tull et al., 2018). Farris et al. (2017) and Tull et al. (2018) proposed it to be an Ordovician fringing arc of Laurentian affinity that was subsequently accreted during the late Ordovician or early Siluro-Devonian. It has also been proposed as being emplaced during Neocadian oblique collision and transpression near the Pennsylvania embayment, resulting in SW directed crustal flow in an orogenic channel (Merschhat et al., 2005; Hatcher and Merschhat, 2006).

Grandfather Mountain window

The Grandfather Mountain window in the Blue Ridge of western North Carolina is ~72 km long and ~32 km wide (Bryant and Reed, 1970). It is bounded by the Linville Falls shear zone to the west, the Gossan Lead/Burnsville and Fries Fault to the north/northwest, and the Brevard Fault zone to the southeast. The window exposes 750 Ma - 1.3 Ga metamorphic and plutonic rocks that were thrust and folded in multiple phases to the northwest post Cambrian (Bryant and Reed, 1970; Carrigan et al., 2003; Merschhat et al., 2021).

The rocks in the window and to the southeast are composed of amphibolite to retrograde greenschist facies metamorphosed plutonic, volcanic, and sedimentary rocks (Bryant and Reed, 1970; Hatcher, 2010). Bryant and Reed (1970) conducted the most extensive study to date in the window and report multiple metamorphic and deformation ages spanning from the undeformed to slightly deformed 1.1 Ga Grenville age basement rocks to retrograde structures and fabrics at ~ 350 Ma, and an undeformed Triassic diabase dike that cuts the Linville Falls and Brevard Faults.

Brevard Fault Zone

The Brevard Fault zone (BFZ) is a series of linear faults that strike subparallel to the southern Appalachian Mountains. It stretches from under the Alabama coastal plain to Virginia (e.g., Bobyarchick, 1999; Hatcher, 2001, 2010; Merschhat et al., 2005, 2018). Since it was first investigated in 1905, the BFZ has been interpreted in many ways, including as a thrust fault, a dextral and sinistral strike-slip, and a terrane boundary, among other things (Bobyarchick, 1999). More recent researchers have interpreted it as having a polyphase activation history as a thrust, dip-slip, and dextral strike-slip fault. Some areas of the fault zone show little to no displacement while other areas have evidence of kilometer-scale displacement (e.g., Bobyarchick, 1999; Merschhat et al., 2005). The earliest deformation was likely during the Neocadian with dextral strike-slip (to the southwest) and thrust to the northwest motion as the Cat Square and Carolina terranes collided with and were thrust over the eastern Tugaloo Terrane, creating a crustal weakness and subsequent sole of an orogenic channel (Merschhat et al., 2005; Hatcher and Merschhat, 2006; Huebner et al., 2017). The Neocadian high-temperature deformation fabrics from earlier events are overprinted with retrograde mineralogy and fabrics formed during Alleghenian deformation that record ductile dextral strike-slip motion during reactivation in the early Alleghenian and brittle dip-slip in the late Alleghenian (Edelman et al., 1987; Hatcher, 2001).

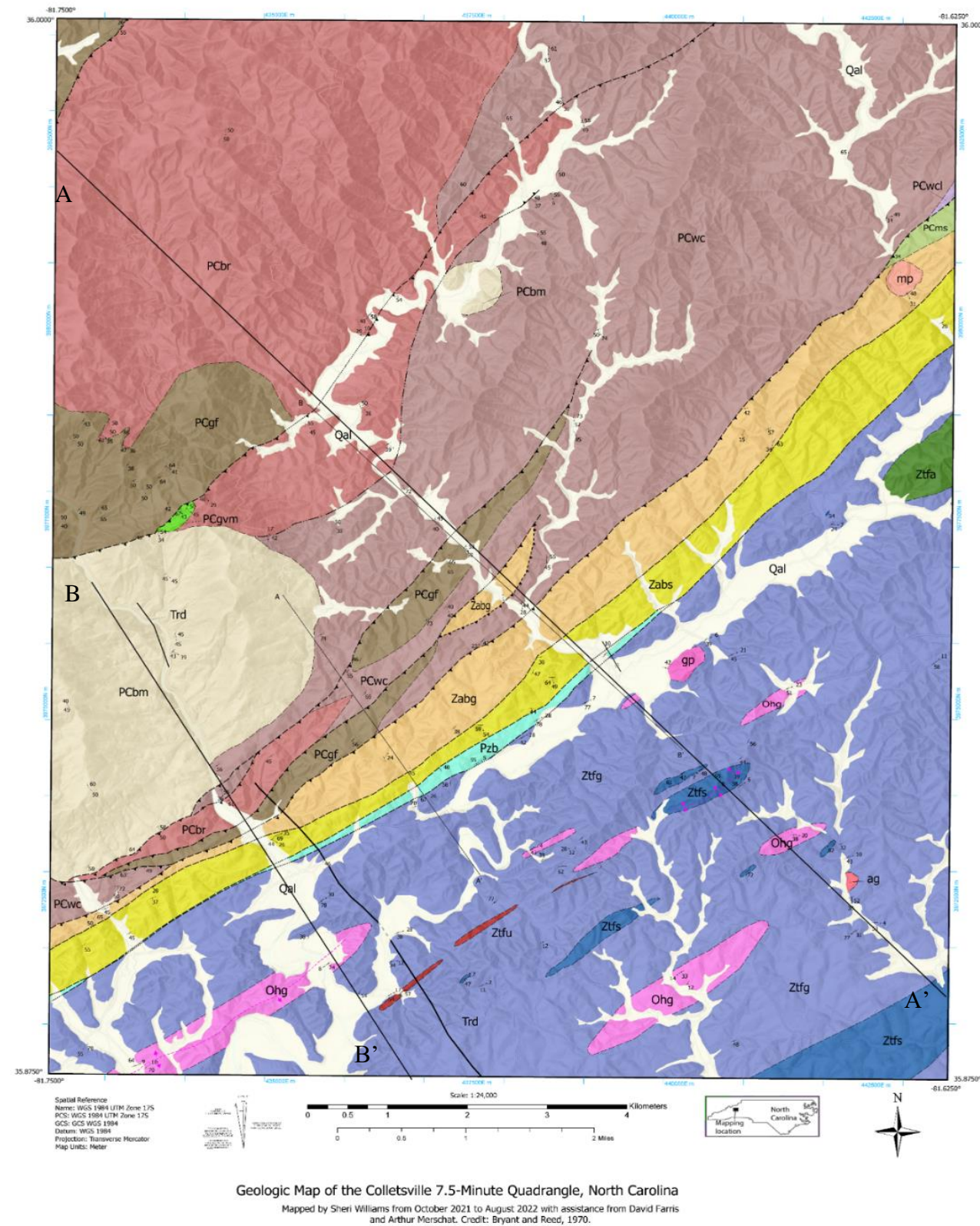
GEOLOGIC MAPPING

Geologic mapping was done at 1:24,000 scale from October 2021 to August 2022 using traditional and digital methods (Fig. 3 and 4). During the first half of mapping, samples were collected for geochemical, petrographic and Electron Backscatter Diffraction analysis. Magnetic data via a handheld magnetic susceptibility meter and Cesium vapor magnetometer were also collected during this time. The second half of field work focused on mapping and further sample collection for petrographic analysis. During the second half of mapping, the Bryant and Reed (1970) map was consulted while in the field to help identify and check fault and lithological contact locations. Where outcrops and contacts were not identified during this study, the data from Bryant and Reed (1970) were used to supplement the geologic map.

Rock Descriptions

The major rocks to the northwest of the Brevard Fault zone are the Grenville aged (~1.1 Ga) Wilson Creek and Blowing Rock gneisses (Carrigan et al., 2003; Merschhat et al., 2021) and the Rodinia rift related Brown Mountain Granite and Grandfather Mountain Formation volcanic rocks (~750 Ma). Most of the rocks northwest of the fault zone have foliation defined by biotite, contain visible potassium feldspar porphyroclasts that have been fractured, and pygmatic and/or isoclinal folded quartzo-feldspathic veins.

The Wilson Creek Gneiss is variably fine-to-coarse grained, phylonitic-to-strongly foliated and laminated (Fig. 5). Mineral stretching lineations are strong in the more well foliated outcrops. Likely there is more than one protolith for this unit. Several outcrops have such finely



Explanation

- Contacts - Existence certain, approximately located
- Strike Slip Fault - Existence certain, location certain
- Fault concealed
- ▲- Thrust Fault -inferred
- ▲ Thrust Fault - Geophysically located
- ▲ Thrust Fault - Identity and location certain
- ▲ Thrust Fault - Identity certain, approximately located
- ▲ Fault - Identity certain, approximately located, sense of slip uncertain

- ↘ Inclined foliation showing strike and dip (Bryant and Reed, 1970)
- ↘ Inclined foliation showing strike and dip
- ↘ Inclined mineral lineation showing trend and plunge
- ↑ Inclined mineral lineation showing trend and plunge (Bryant and Reed, 1970)

- Qal** Quaternary Alluvium
- Triassic Basaltic Dike
- gp** Granitic Pegmatite (unknown age)
- ag** Aplitic Granitoid (unknown age)
- mp** Muscovite Pegmatite (unknown age)
- Pzb** Brevard Fault zone mylonites (Paleozoic)
- Ohg** Henderson gneiss (Ordovician)
- Ztfs** Tallulah Falls garnet mica schist (Neoproterozoic)
- Ztfg** Tallulah Falls biotite gneiss and metagreywacke (Neoproterozoic)
- Ztfa** Tallulah Falls amphibolite (Neoproterozoic)
- Ztfu** Tallulah Falls ultramafic (Neoproterozoic)
- Zabg** Alligator Back biotite gneiss and metagreywacke (Neoproterozoic)
- Zabs** Alligator Back biotite - muscovite schist (Neoproterozoic)
- PCbm** Brown Mountain granitoid (Precambrian)
- PCgf** Grandfather Mountain Formation felsic metavolcanic (Precambrian)
- PCgvm** Grandfather Mountain Formation mafic metavolcanic (Precambrian)
- PCms** Biotite - muscovite schist (Precambrian)
- PCbr** Blowing Rock augen gneiss (Precambrian)
- PCwc** Wilson Creek fine to medium grained biotite gneiss (Precambrian)
- PCwcl** Wilson Creek layered biotite gneiss (Precambrian)

Figure 3. Geologic map of the Collettsville, NC 7.5-minute quadrangle produced in this study.

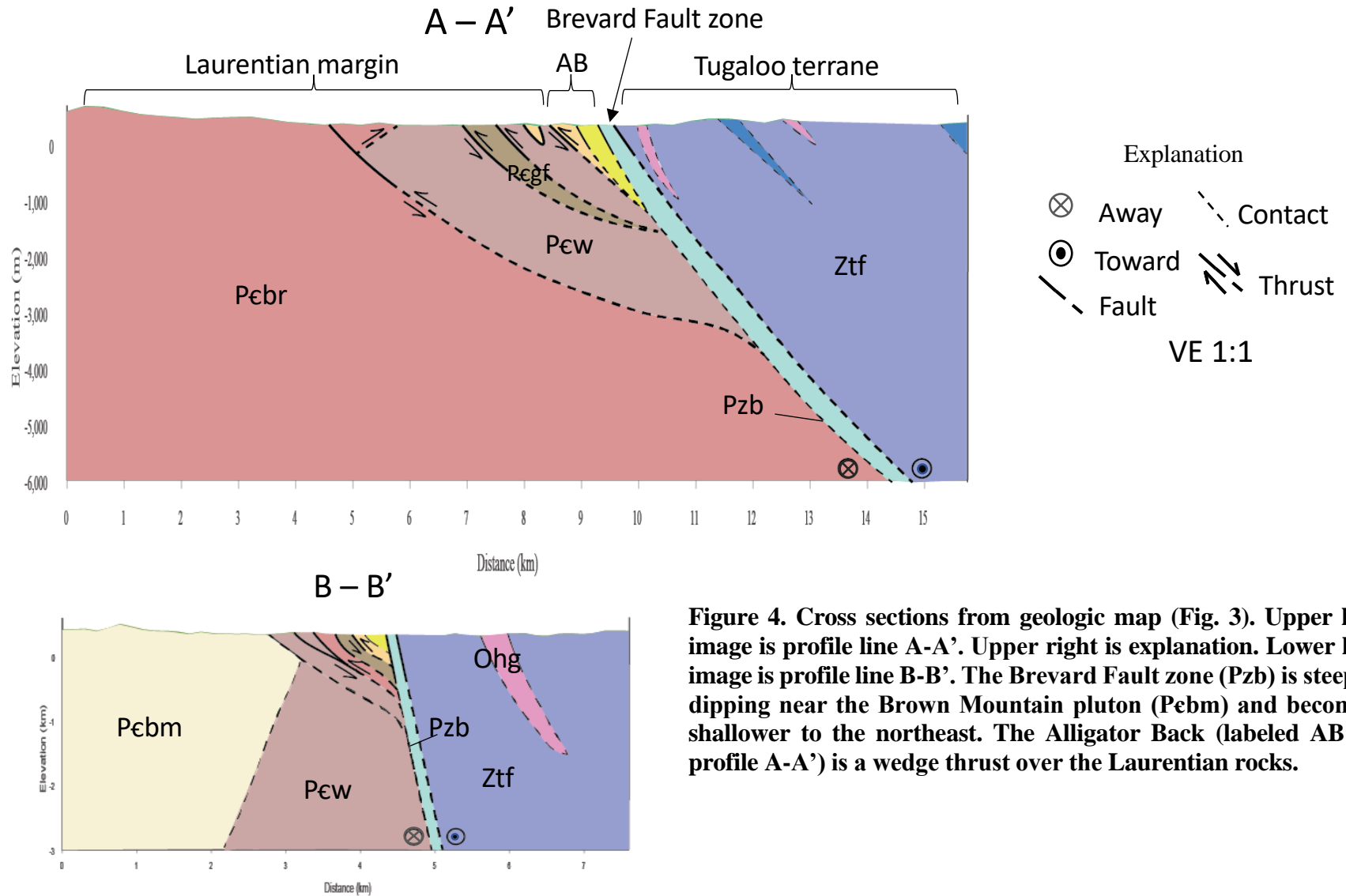


Figure 4. Cross sections from geologic map (Fig. 3). Upper left image is profile line A-A'. Upper right is explanation. Lower left image is profile line B-B'. The Brevard Fault zone (Pzb) is steeply dipping near the Brown Mountain pluton (Pecbm) and becomes shallower to the northeast. The Alligator Back (labeled AB in profile A-A') is a wedge thrust over the Laurentian rocks.

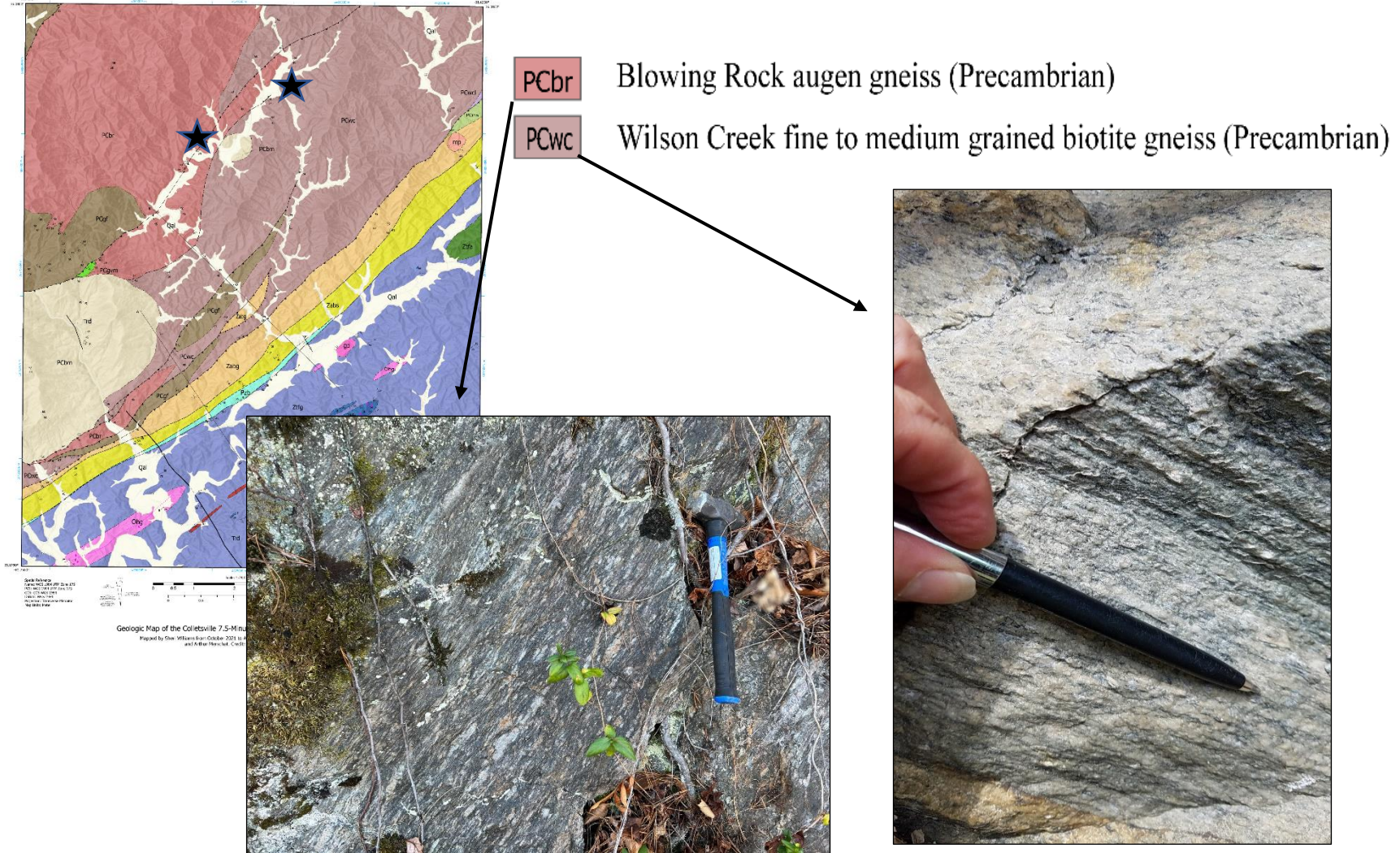


Figure 5. Grenville basement rocks. Stars on map indicate location of outcrop. Arrows indicate which unit correlates to which image. The Blowing Rocks gneiss (lower center) is recognizable by its large feldspar porphyroclasts. The Wilson Creek gneiss (lower right) is variable but most often a light grey to light tan color. Smaller feldspar porphyroclasts are common; note the strong mineral stretching lineation.

laminated biotitic melanosomes and quartzo-feldspathic leucosomes that they appear to be an amphibolite. Other outcrops are coarse grained, weakly foliated, and buff colored. Quartz/feldspar veins are common and are often ptygmatic, boudinaged, or occasionally isoclinally folded.

The Blowing Rock Gneiss is a coarse-grained, moderately to strongly foliated and lineated biotite augen gneiss (Fig. 5). The augen consists of potassium feldspar porphyroclasts in a quartz feldspar matrix. The biotite-rich folia appear laminated to wispy when mantling the feldspar porphyroclasts. Bryant and Reed (1970) reported feldspar porphyroclasts as long as 10 cm, however, in this study, the majority of the outcrops had ~ 3 cm-long porphyroclasts that were visibly fractured. Similarly, to the Wilson Creek gneiss, quartzo-feldspathic folded to boudinaged veins are common.

The rift-related Brown Mountain pluton is a coarse-to-fine-grained granite (Fig. 6). Pink or white potassium feldspar is common. In areas near faults, both located and suspected, the unit is weakly foliated, and the feldspars are fractured. Away from faults, the granite appears undeformed.

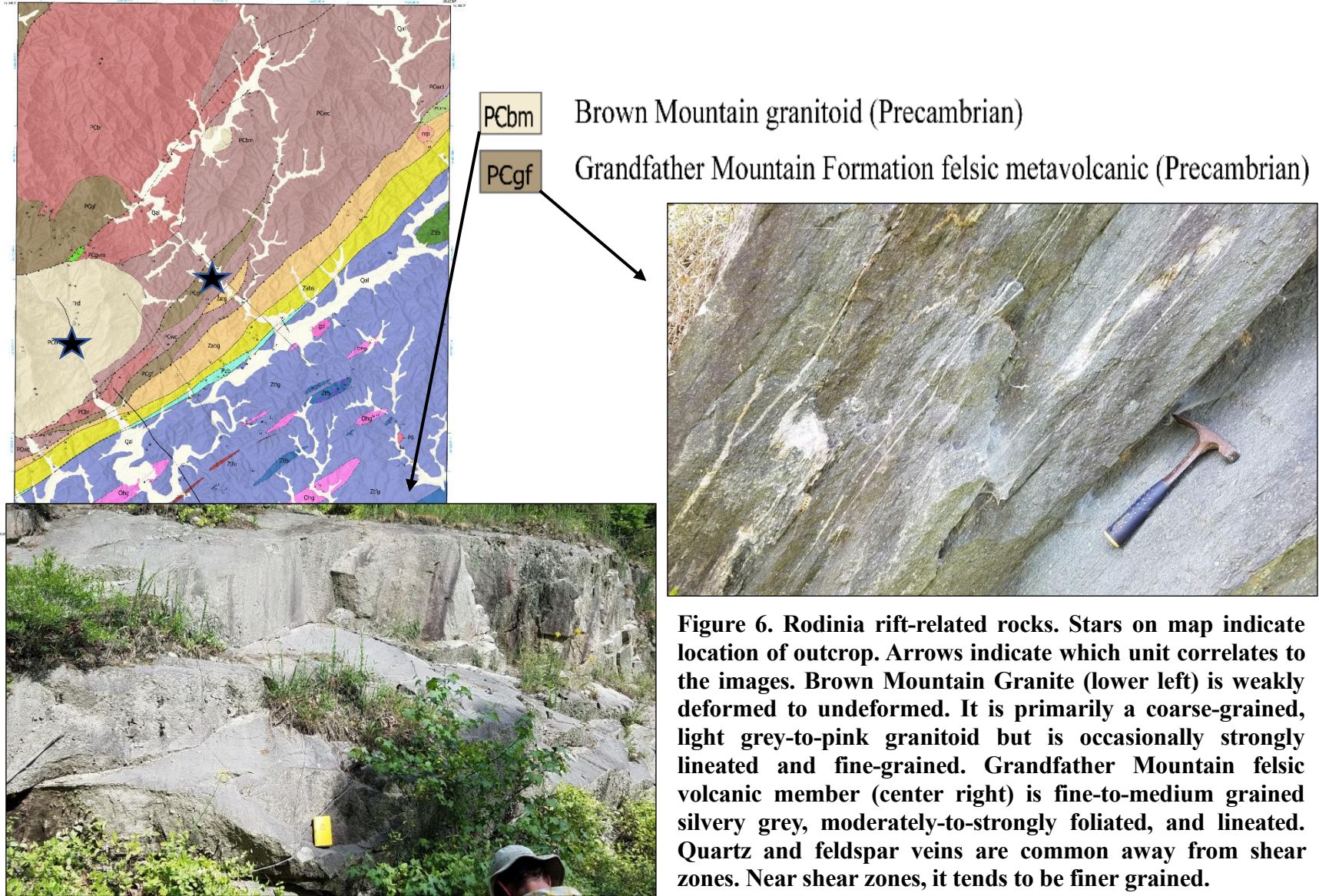
The Grandfather Mountain Formation felsic volcanic member is a light to medium silvery gray fine-to-medium grained biotite-rich variably deformed unit with coarse grained quartz and feldspar porphyroclasts (Fig. 6). It ranges from weakly foliated and strongly lineated to strongly foliated and weakly lineated. Visible fractured potassium feldspar porphyroclasts and ptygmatic to isoclinally folded quartzo-feldspathic veins are common in the outcrops away from faults. The outcrops near faults tend to have a moderately developed SC fabric and lack larger porphyroclasts.

Minor units northwest of the Brevard Fault zone include the Layered Wilson Creek gneiss, an unnamed garnet mica schist that was mapped by Bryant and Reed (1970), and pods of amphibolite that were not located in this study are the minor units in the map area The Layered

Wilson Creek gneiss is folded and migmatitic. The unnamed garnet mica schist did not appear to differ from the Alligator Back schist in outcrop scale. However, when viewed microscopically it contained garnets that the Alligator Back schist lacks, and it sits north of the Alligator Back schist member.

The Neoproterozoic Alligator Back units (Bream et al., 2004), located to the north of the Brevard Fault zone, are a medium grained biotite-hornblende gneiss or metagreywacke and a fine-to-medium grained biotite-muscovite schist (Fig. 7). Both units are pin-striped, have fine thin folia, and are variably lineated. Biotite, chlorite and muscovite are found in the foliation. The muscovite is commonly found as fish with a dextral sense of shear. The gneiss is dark gray and often contains lenses and pods of pink potassium feldspar. Locally, the potassium feldspar appears fractured and in other areas it appears to have been boudinaged but is unfractured or is folded. The schist unit is a dark silvery grey, lacks garnet, and does not contain lenses or veins.

The Brevard Fault zone rocks are fine-to-coarse grained and either mylonitized metasedimentary rocks or cataclastic meta igneous rocks (Fig. 8). The cataclastites are not foliated or lineated and contain large quartz and feldspar grains in a fine-grained quartz-feldspar matrix with lesser amounts of mica. The mylonites are moderately-to-strongly foliated and strongly lineated. Muscovite and chlorite with lesser amounts of biotite define the foliation. Muscovite fish with dextral shear sense are common. The mylonitic outcrops locally have small wavy open folds and S or Z folds. The composition is primarily quartz and feldspar with biotite and muscovite defining the foliation. Rare large asymmetric (dextral) to symmetric potassium feldspar porphyroclasts were found within the mylonites. The rocks to the southeast of the Brevard Fault are the Neoproterozoic to Ordovician Tugalo Terrane rocks (e.g., Bream et al., 2004; Merschat et al., 2010) (Fig. 9).



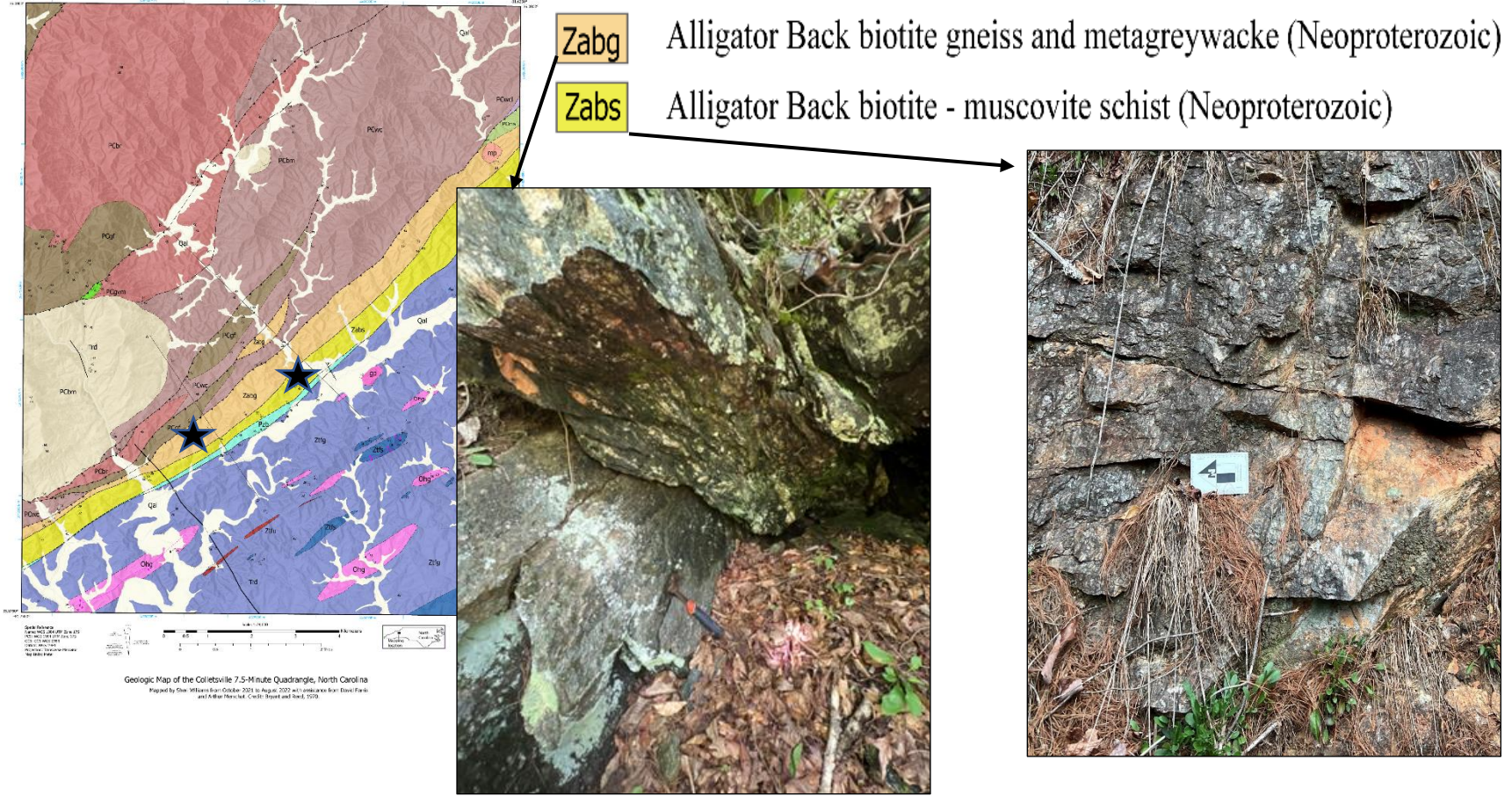


Figure 7. Alligator Back Metamorphic Suite . Stars on map indicate location of outcrop. Arrows indicate which unit correlates to the images. Alligator Back gneiss often resembles amphibolite in outcrops. However, closer inspection reveals fine laminae of quartz and biotite/hornblende. Potassium feldspar veins and pods are common and sometimes folded. Alligator Back schist is medium-to-coarse grained dark grey and contains visible muscovite flakes. The biotite tends to be smaller but still visible with a hand lens. Garnet was not observed in fresh outcrops, saprolitic outcrops, or in thin section.



Pzb

Brevard Fault zone mylonites (Paleozoic)



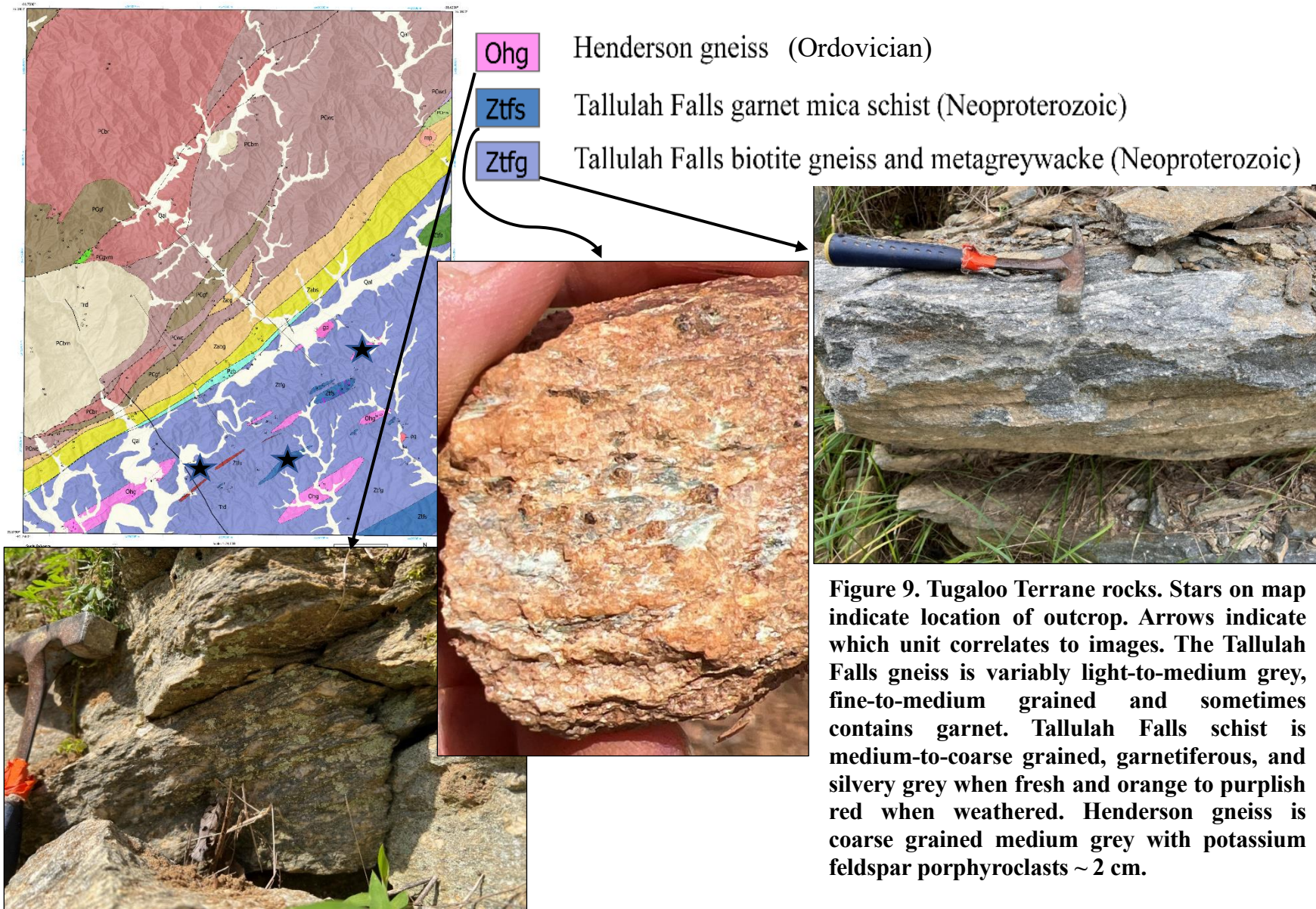
Figure 8. Brevard Fault zone mylonites. Star on map indicates location of outcrop. The mylonites are buff to light grey colored, moderately foliated and lineated, and occasional folded. The mylonites are fine-grained but host larger (~1cm) potassium feldspar porphyroclasts and muscovite.

The major members are the Tallulah Falls biotite \pm hornblende gneiss/metagreywacke, Tallulah Falls garnet mica schist, Ordovician Henderson gneiss, and a lesser Tallulah Falls amphibolite and two meta-igneous outcrops that were large enough to map at the 1:24000 scale.

The Tallulah Falls gneiss is a fine-to-coarse grained strongly foliated and lineated biotite gneiss and/or metagreywacke. It is generally light to medium grey, coarsely layered to finely laminated, rarely massive. The foliation is defined by biotite \pm hornblende. Small ($\sim < 1$ cm) rounded, asymmetrical to symmetrical feldspar porphyroclasts are common. When indicated by the porphyroclast tails, dextral is the most common shear sense. Garnet visible in hand sample is found in the outcrops located in the southeast corner of the mapping area. Quartzo-feldspathic veins, while found in the gneisses, are less common and smaller away from the fault zone. However, the same ptigmatic to isoclinal type folds as in the rocks to the northeast, occur.

The Tallulah Falls garnet mica schist, often found weathered to a reddish purple or orange color, is dominated by muscovite with flakes as big as 2 cm. Biotite, when present, occurs as small anhedral to subhedral flakes. Garnet, subhedral to euhedral, is visible in hand sample and is common in the rocks of the furthest southeast section of the map but was not found in the units closer to the fault zone. Kyanite is found locally but more common to the southeast. Outcrops are occasionally cut by quartz and feldspar-rich veins that are locally folded with ptigmatic to isoclinal geometries.

The Tallulah Falls amphibolite, found in small pods or lenses throughout the Tugaloo Terrane rocks and in one outcrop large enough to map, is a dark grey moderately foliated amphibolite. The larger outcrop contains quartzo-feldspathic veins and interstitial quartz. The



smaller pods and lenses that were not mapped were often found near quartz veins in the other units.

The Henderson gneiss (~450 Ma) is a granitic biotite augen gneiss with asymmetrical and symmetrical feldspar porphyroclasts up to ~ 2 cm (Huebner et al., 2017). The porphyroclasts are generally rounded and unfractured. However, as the fault zone is approached, some of the rounded porphyroclasts are fractured. When the porphyroclasts are asymmetrical, a dextral shear sense is dominant.

Many of the map units to the north and south of the fault zone have similarities; biotite ± chlorite defines the foliation and folded quartzo-feldspathic veins and feldspar porphyroclasts are common, the rocks differ in metamorphic mineral assemblage and structures. Fractured porphyroclasts and down-dip lineations are the norm in the rocks to the northwest of the fault zone. Rocks to the southeast of the fault zone tend to have unfractured and rounded, asymmetrical to symmetrical porphyroclasts and the lineations are subparallel to strike. Garnet is generally not found in the rocks to the northwest but is more common in the rocks to the southeast.

Faults and Contacts

Faults and contacts were rarely directly observed due to poor exposure, weathering, or inaccessibility. Many of the contacts and faults along and northwest of the Brevard Fault zone were approximately located due to a change in rock type and/or evidence of being in a shear zone over distances of 5 – 100 m. Only a few contacts southeast of the fault zone were identified by changes in rock type over relatively short distances. Bryant and Reed (1970) reported that the contacts in the Piedmont (Tugaloo Terrane) were “diagrammatic at best”. This study found that to be an accurate description and while some contacts were located approximately, the extent of that unit was unclear. However, when located or approximated, the faults and contacts of this study matched the ones from Bryant and Reed (1970) with the exception of a few units that were likely too small

to map at a larger scale. Additionally, one back thrust located northwest of the Brevard Fault was located using magnetic anomaly data. Magnetic anomaly data were also used to verify mapped faults and/or contacts.

MAGNETIC SURVEY

The Brevard Fault zone is traceable in potential field magnetic anomaly maps, both regional aeromagnetic and local high-resolution Cesium magnetometer surveys. It is characterized by a magnetic high that runs parallel to, but just to the north of the main fault (Bankey et al., 2002).

Magnetic surveys provide observations of spatial variations in magnetic field strength at Earth's surface. Variations are primarily related to the lithology and geometry of rock bodies in the shallow subsurface (Burger et al., 2006). These variations can be interpreted in combination with surficial geological observations to place constraints the geology of the subsurface and help to understand the lithotectonic evolution of the upper to middle crust with regard to plate tectonic motion and relative timing.

Magnetic data collected along sections of the Brevard Fault zone provide constraints to its three-dimensional geometry. Bryant and Reed (1970) showed the zone as near vertical in geologic cross-sections, but Hawman et al. (2000) used seismic reflection and Appalachian Ultra Deep Core Hole (ADCOH) profiles in western South Carolina to interpret it as a shallow southeast dipping structure. Using regional gravity and magnetic data along the ADCOH and Consortium for Continental Reflection Profiling (COCORP) crustal scale seismic reflection profiles in South Carolina, Duff and Kellogg (2017) also modeled it as a shallow dipping terrane boundary. Regional aeromagnetic data show the Brevard Fault zone as a lineament indicating that the rocks can be magnetically mapped and modeled to constrain the geometry of the boundary (Bankey et al., 2002) (Fig. 10).

Methods

During the first half of fieldwork (October 2021 – March 2022), magnetic susceptibility was measured using a handheld magnetic susceptibility meter. At least three measurements were taken at each outcrop. When the measurements were dissimilar, five measurements were taken. Table 1 is the averaged susceptibility of each major unit with the standard deviation of the average (See Appendix for complete data set).

Total field magnetic data were collected along transects from NW to SE across the Brevard Fault zone using a Geometrics G-858 cesium vapor magnetometer with a differential GPS unit (Fig. 10). Datum was collected every 0.5 seconds along roads and trails. The magnetic and location data were transferred to Geometrics MagMap program for initial data processing. The data were filtered for any change in data above 1000 nT in less than twenty readings using the program algorithm. The filtered data were then transferred to Seequent Oasis Montaj for further processing. Distance from the starting point was calculated so that the nonlinear transects could be projected on to a line and modeled as a transect. The International Geomagnetic Reference Field (IGRF) data were deducted from the measured total magnetic field leaving the anomaly values. These data were transferred to Excel where a 50-point running average was used to smooth the data (Table 2). Figure 11 shows the anomaly profile before and after smoothing.

Magnetic anomaly data, in conjunction with magnetic susceptibility and structural attitudes obtained during mapping, along the transect that closely follows cross section A – A' (Fig. 4), was chosen to forward model in the program GravMag (Burger et al., 2006). The magnetic susceptibility from the nearest outcrop along the transect was used to constrain the model. Where there was no data along the transect, the average magnetic susceptibility from that unit was used. The values used in the model are somewhat different because the magnetic susceptibility meter

records bulk magnetic susceptibility and most rocks also have remnant magnetism. However, in the study area, the remnant magnetism was not constrained and therefore, the bulk susceptibility required some modification. Two thin subsurface units were added to the model to rectify possible remnant magnetism

Results

The rock unit magnetic susceptibility ranges from -0.038 to $27.50 * 10^{-3}$ SI. The Alligator Back gneiss (Zabg) had the highest average magnetic susceptibility and also the highest standard deviation. The Blowing Rock gneiss (Pebr) also had a high average magnetic susceptibility. Generally, with the exception of the Wilson Creek gneiss (Pew), the units northwest of the Brevard Fault (Pzb) have higher magnetic susceptibility than units in the fault zone and the units to the southeast.

The forward model is non-unique meaning that interpretations could have ambiguity because different geometries could produce similar anomalies. For instance, placing a mafic dike where the Alligator Back unit is located may show the same magnetic high, but it would be inconsistent with the local geology. However, other than two thin subsurface units that were added to the model (shown as thick black lines in the back thrust fault and the fault separating the Pew from the Zabg) and the order of magnitude difference in the Pew and Pzb bulk magnetic susceptibility, this model fits well with and is constrained by the observed geologic field data (Fig. 12).

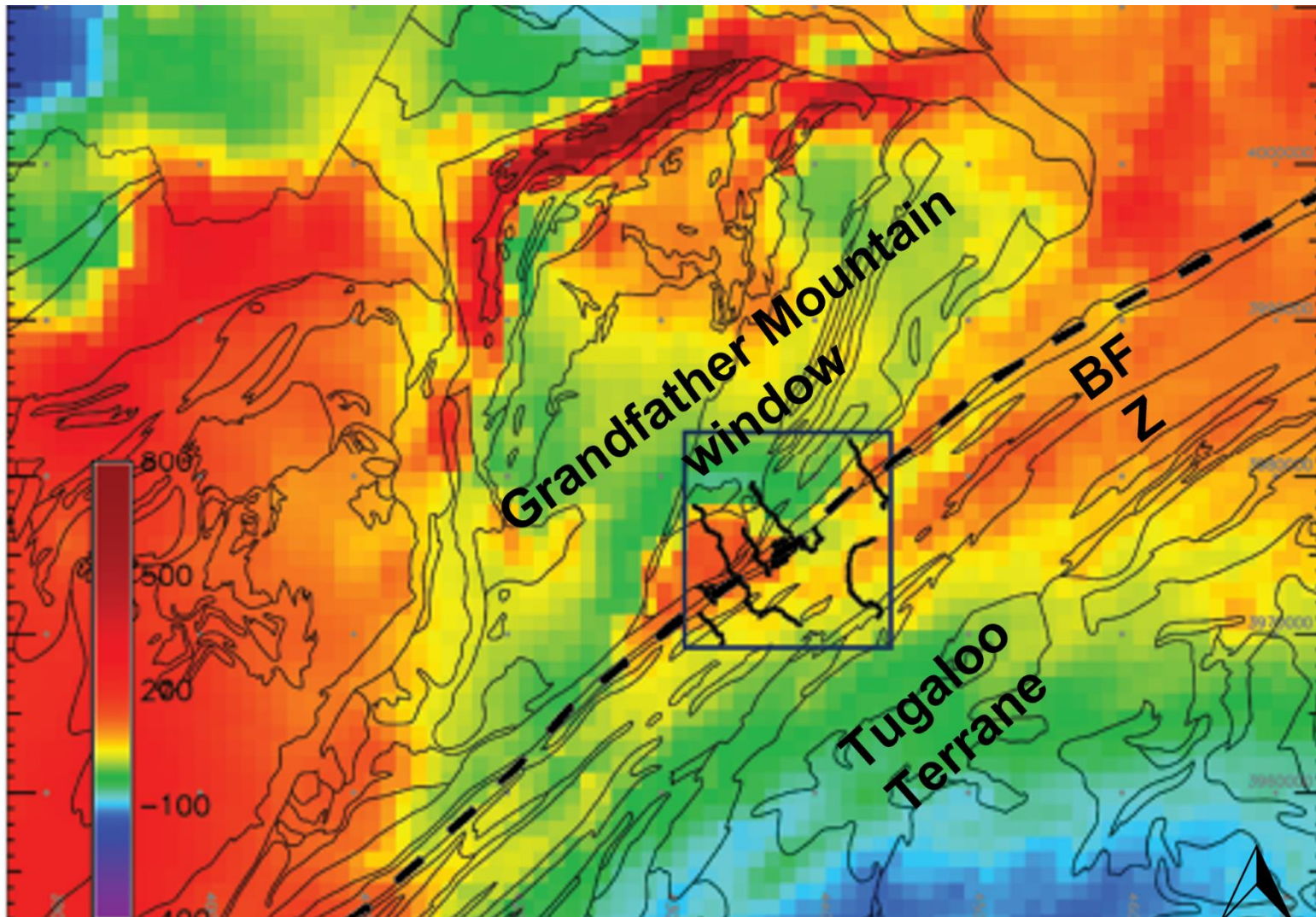


Figure 10. Regional aeromagnetic total field anomaly map of the Grandfather Mountain Window and adjacent terranes from Bankey et al., 2002. Brevard Fault zone (thick dashed line) delineates the window from terranes to the southeast. The black box is the approximate study area. Dark black lines are the traverses taken during local total magnetic field data acquisition. Light black lines are the outline of the North Carolina State Geologic Map, 1985.

TABLE 1. AVERAGE MAGNETIC SUSCEPTIBILITY BY UNIT.

Unit	Average Magnetic Susceptibility (*10⁻³)	Standard Deviation (*10⁻³)
Pew	0.905	0.154
Pebr	6.179	0.824
Pegf	3.819	1.369
Pebm	2.239	0.539
Zabg	7.497	4.386
Zabs	2.042	1.618
Pzb	0.089	0.096
Ztfg	2.090	5.940
Ztfs	0.962	0.287
Ztfa	0.041	0.018
Ohg	0.929	0.744

TABLE 2. EXAMPLE OF MAGNETIC FIELD AND ANOMALY DATA. SEE APPENDIX FOR FULL DATA SET.

Date	Longitude	Latitude	Inclination	Declination	UTM Easting	UTM Northing	Distance (m)	Total Field (nT)	IGRF (nT)	Anomaly (nT)	50 pt Running Average (nT)
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	00.0	49640.93	49705.19	-64.26	67.03
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	00.0	49642.32	49705.19	-62.87	66.20
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	00.0	49643.14	49705.19	-62.05	66.78
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	00.0	49642.93	49705.19	-62.26	62.39
Jan 5 2022	-81.71086	35.95858	63.55	-7.4	435897.92	3979588.20	00.5	49642.74	49705.19	-62.46	70.02
Jan 5 2022	-81.71085	35.95857	63.55	-7.4	435898.61	3979586.82	02.1	49646.33	49705.18	-58.85	70.85
Jan 5 2022	-81.71084	35.95855	63.55	-7.4	435899.58	3979585.04	04.1	49646.27	49705.16	-58.89	70.05
Jan 5 2022	-81.71083	35.95854	63.55	-7.4	435900.35	3979583.80	05.5	49647.32	49705.15	-57.83	68.25
Jan 5 2022	-81.71082	35.95853	63.55	-7.4	435901.14	3979582.72	06.9	49649.25	49705.14	-55.90	65.92
Jan 5 2022	-81.71082	35.95852	63.55	-7.4	435901.78	3979581.57	08.2	49652.89	49705.14	-52.25	63.37
Jan 5 2022	-81.71081	35.95852	63.55	-7.4	435902.53	3979580.77	09.2	49658.76	49705.14	-46.37	60.86
Jan 5 2022	-81.71080	35.95851	63.55	-7.4	435903.61	3979580.19	10.3	49665.96	49705.14	-39.19	58.29
Jan 5 2022	-81.71078	35.95851	63.55	-7.4	435904.80	3979579.96	11.2	49666.22	49705.15	-38.93	55.56
Jan 5 2022	-81.71077	35.95850	63.55	-7.4	435905.88	3979579.51	12.2	49661.63	49705.15	-43.52	52.64
Jan 5 2022	-81.71076	35.95850	63.55	-7.4	435906.90	3979579.09	13.2	49656.73	49705.15	-48.42	49.52
Jan 5 2022	-81.71075	35.95850	63.55	-7.4	435908.00	3979578.76	14.2	49653.29	49705.14	-51.85	46.23
Jan 5 2022	-81.71073	35.95849	63.55	-7.4	435909.15	3979578.06	15.6	49649.16	49705.14	-55.98	42.95
Jan 5 2022	-81.71072	35.95849	63.55	-7.4	435910.26	3979577.32	16.9	49644.83	49705.13	-60.31	39.77
Jan 5 2022	-81.71071	35.95848	63.55	-7.4	435911.62	3979576.74	18.3	49643.69	49705.13	-61.44	36.45
Jan 5 2022	-81.71069	35.95848	63.55	-7.4	435913.06	3979576.15	19.7	49646.94	49705.13	-58.18	33.14
Jan 5 2022	-81.71068	35.95847	63.55	-7.4	435914.26	3979575.52	21.1	49652.07	49705.12	-53.05	29.91
Jan 5 2022	-81.71067	35.95846	63.55	-7.4	435915.32	3979574.87	22.3	49658.96	49705.13	-46.17	26.83
Jan 5 2022	-81.71066	35.95846	63.55	-7.4	435916.17	3979574.07	23.5	49665.45	49705.12	-39.67	23.91
Jan 5 2022	-81.71064	35.95845	63.55	-7.4	435917.17	3979573.31	24.7	49667.03	49705.11	-38.09	21.15
Jan 5 2022	-81.71063	35.95844	63.55	-7.4	435918.49	3979572.57	26.2	49670.58	49705.10	-34.52	18.72
Jan 5 2022	-81.71061	35.95844	63.55	-7.4	435919.96	3979571.81	27.9	49675.67	49705.09	-29.42	16.33
Jan 5 2022	-81.71060	35.95843	63.55	-7.4	435921.24	3979571.37	29.1	49676.74	49705.10	-28.35	13.82

A

A'

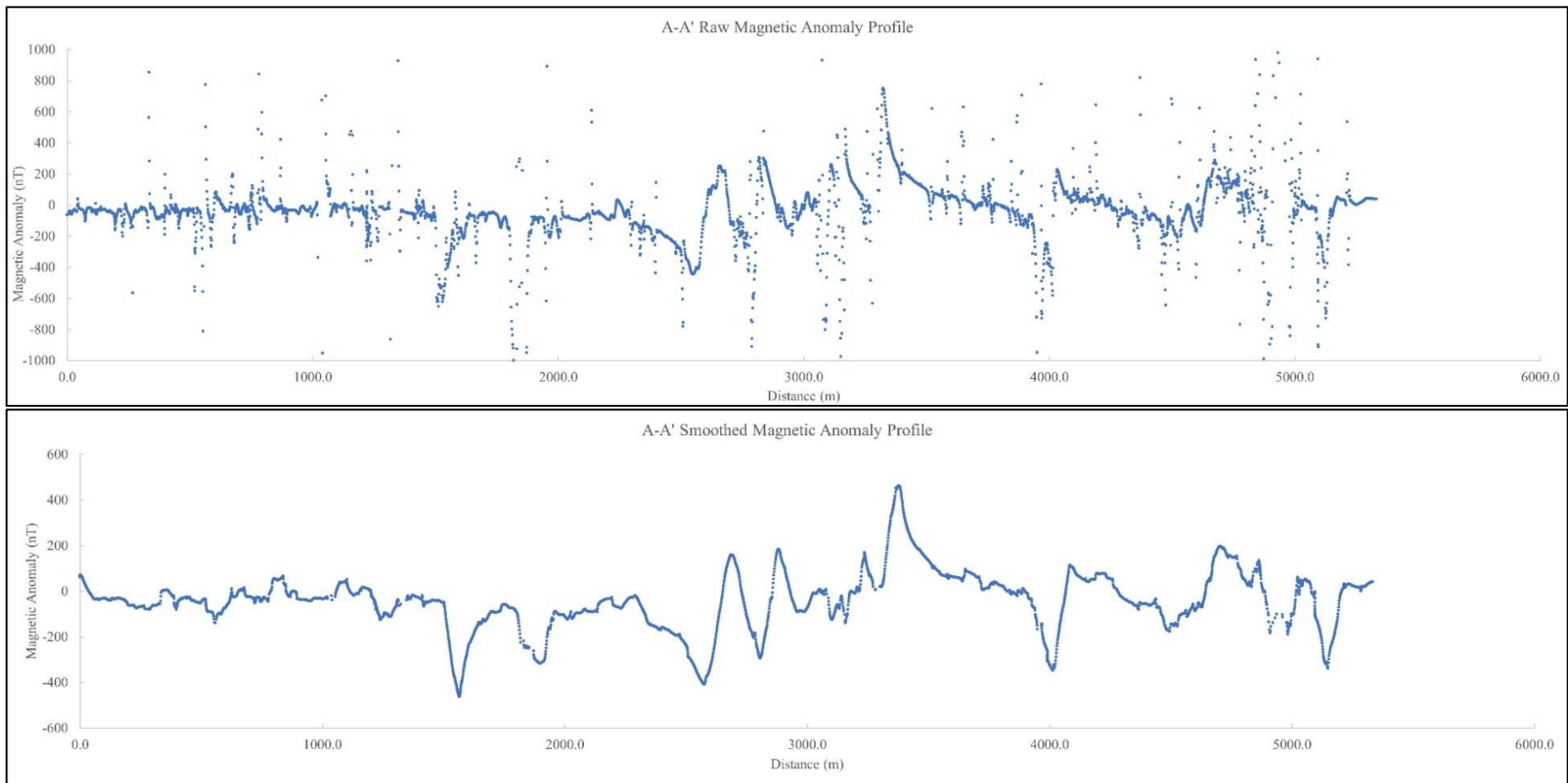
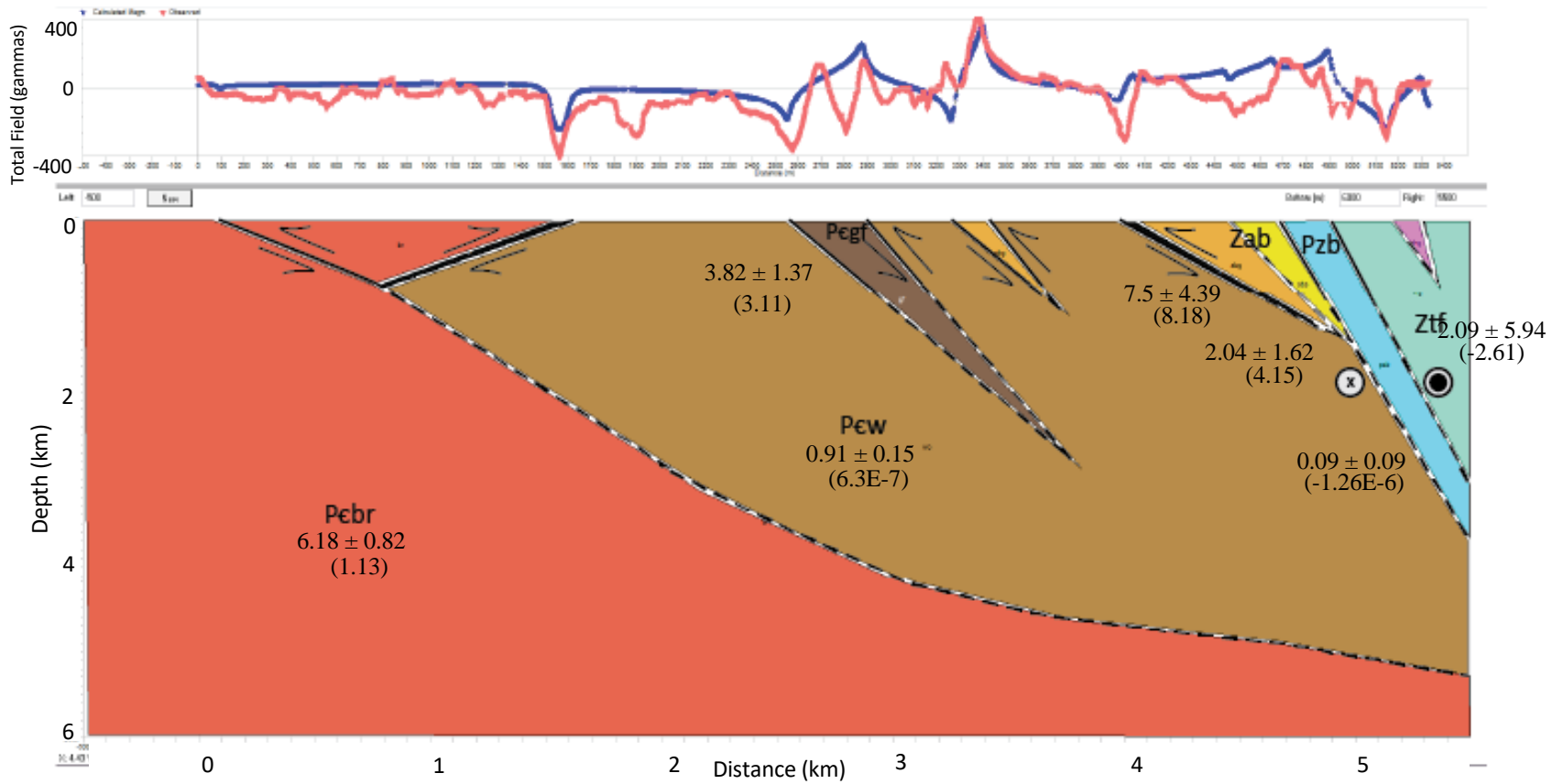
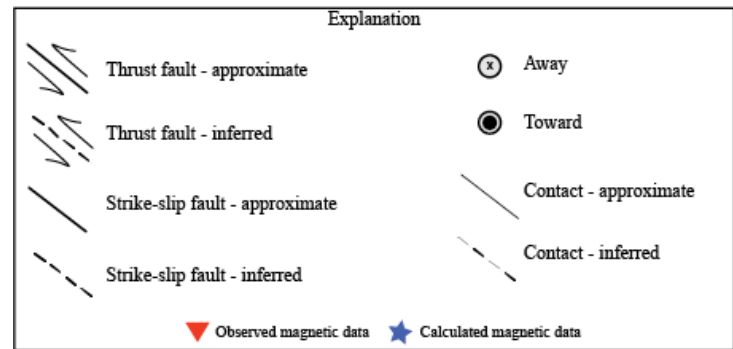


Figure 11. Magnetic anomaly profile before and after smoothing. Upper is before applying a 50-point running average. Lower is after the 50-point running average.



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Figure 12. First order local magnetic anomaly model showing subsurface geometry along A-A' transect (Fig. 3). Upper graph is observed versus calculated magnetic data. Lower is block model based on magnetic anomaly data and local geology. Numbers on model are average bulk magnetic susceptibility measured during field work with standard deviation. Values used in model are in parenthesis. Units are SI ($\times 10^{-3}$).



STRUCTURAL ANALYSIS

Structural analysis of deformed rocks can be done on multiple scales using a variety of methods. It is used to understand kinematics, deformation mechanisms, metamorphism, and how these interrelate. This study uses traditional field techniques and thin section analysis to qualify mineral stretching lineations, fabric development, and lithologic relationships to understand the nature of the Brevard Fault Zone adjacent to the Grandfather Mountain Window in northwestern North Carolina. We provide semi - quantitative evidence to support and provide more insight into the above-mentioned goals using quartz crystallographic preferred orientation (CPO) data to determine slip systems activated as a gauge of deformation temperatures via scanning electron microscope – electron back scatter (SEM-EBSD) analysis.

Macro Scale Methods

At each outcrop foliation and lineation was measured using a Brunton transit and recorded in a field book. During the second half of mapping, Field Move Clino (an iPhone application by Petex, Inc) was used to measure and record structural data. The data from the field book and the Clino application were transferred to an Excel spreadsheet (Table 3). The attitude measurement data were then plotted on equal area lower hemisphere stereographic projections.

Results

Field measurements indicate that regardless of rock type (e.g., amphibolite, biotite or muscovite schist, gneiss, or granitoids) the mean foliation consistently strikes NE at $\sim 055^\circ$ and dips $\sim 050^\circ$ to the SE (Fig. 13). However, lineation varies across the Brevard Fault zone. Figure 14 are the stereoplots of the rocks southeast of and along the mylonitic to cataclastic Brevard Fault zone. The mineral stretching lineations are subparallel to foliation and have an average plunge of \sim

9°. In contrast, the mineral lineations to the northwest of the fault zone, including the Alligator Back rocks, are down dip and have an average plunge of ~52° (Fig. 14).

Microscale Analysis

Microscale analysis can be used to examine mineralogy, structures, fabrics, and textures that are not observable in macro scale. These datasets can be useful in understanding the tectonic history of the rocks such as the kinematics, mechanisms of deformation, and the temperature regimes that they underwent. Certain metamorphic mineral assemblages provide constraints on the temperature and pressure regimes because minerals generally are stable within a temperature/pressure window (Fig. 15). Quartz, which is stable at a wide range of temperatures, can be looked at with regard to the shape of the fabric, in particular the grain boundaries. Quartz deforms at the crystal lattice scale primarily by dislocation creep and grain boundary migration between ~ 280 °C to ~ 700 °C (e.g., Schmid and Casey, 1986; Stipp et al., 2002; Passchier and Trouw, 2005). The slip system and slip direction that dominates dislocation movement in a crystal during deformation is related to the activation energy required for slip. Many interpretations of quartz CPO focus on temperature as the dominant factor but strain rate, water weakening, and grain size all influence deformation behavior. The shape of relict and neocrystallized quartz grains (Fig. 16) observed in thin sections and quantified via electron backscatter diffraction also provide information about deformation conditions. Observations of feldspar deformation behavior can also be useful in gauging deformation conditions. The sense of shear can be inferred from the shape of porphyroclasts and in Crystallographic Preferred Orientation (CPO) patterns of quartz obtained via electron backscatter diffraction – scanning electron microscope (EBSD-SEM) imaging.

Methods

A total of 44 outcrop samples were chosen for petrographic analysis. The samples were chosen to represent all the major rock units found in the study area. The samples were cut into billets parallel to lineation and perpendicular to foliation when present. The billets were sent to Quality Thin Sections in Phoenix, Arizona to be made into polished thin sections. The thin sections were observed in transmitted light using a petrographic microscope.

Results

To the northwest of the major fault zone, in the Grenville basement rocks, the mineral assemblage is predominantly potassium feldspar and quartz with biotite, chlorite and lesser amounts of titanite and possibly graphite defining the folia. Annealed quartz and minor calcite grains are found in the strain shadows of fractured potassium feldspar and large quartz grains (Fig. 17 and 18). The rift-related rocks, Grandfather Mountain felsic volcanic rocks and Brown Mountain granite, contain a similar mineral assemblage (Fig. 19 and 20). However, in addition to fractured feldspars and annealed quartz within the strain shadows, relict fine-grained groundmass and relict feldspar crystals are present and dependent on proximity to faults (Fig. 20). One unit, the layered Wilson Creek gneiss, exhibits warping and fracturing of potassium feldspar crystals (Fig. 21)

The rocks immediately to the north of the Brevard Fault zone (Pzb), the Alligator Back schists and gneisses, also exhibit fractured potassium feldspar grains, although the grain size is finer (Fig. 22 and 23). However, hornblende is found both in the matrix and in the folia and these units contain less titanite. Muscovite, bent and sheared as fish, is also found in abundance. The quartz texture is not annealed but exhibits dynamic recrystallization with bulging and subgrain rotation boundaries.

TABLE 3. EXAMPLE OF LOCATION AND ATTITUDE DATA. SEE APPENDIX FOR COMPLETE DATA SET.

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CL047-B	35.89808	-81.63954	367 S		Aplitic Granitoid	145	16				
21CI202-A	35.9019	-81.68336	364 S		Contact - Ohg/Ztfs	75	58				
21CI202-B	35.9019	-81.68336	364 S		Contact - Ohg/Ztfs	50	26				
21CI132	35.93929	-81.73567	576 N		Contact - Pebm/Pegvm	59	54	141	65	148	34
21CI175-A	35.99841	-81.74155	589 N		Contact - Pebr/Pegf	19	55				
21CI251	35.94939	-81.74047	N		Contact - Pegf/Pebr	28	46	106	27	188	41
21CI252	35.94984	-81.74042	N		Contact - Pegf/Pebr	20	47			123	46
21CI252	35.94984	-81.74042	N		Contact - Pegf/Pebr	0	56				
21CI255	35.95061	-81.74361	N		Contact - Pegf/Pebr	36	61	13	54		
21CI254	35.95117	-81.74045	N		Contact - Pegf/Pebr	5	46				
21CI254	35.95117	-81.74045	N		Contact - Pegf/Pebr	48	31				

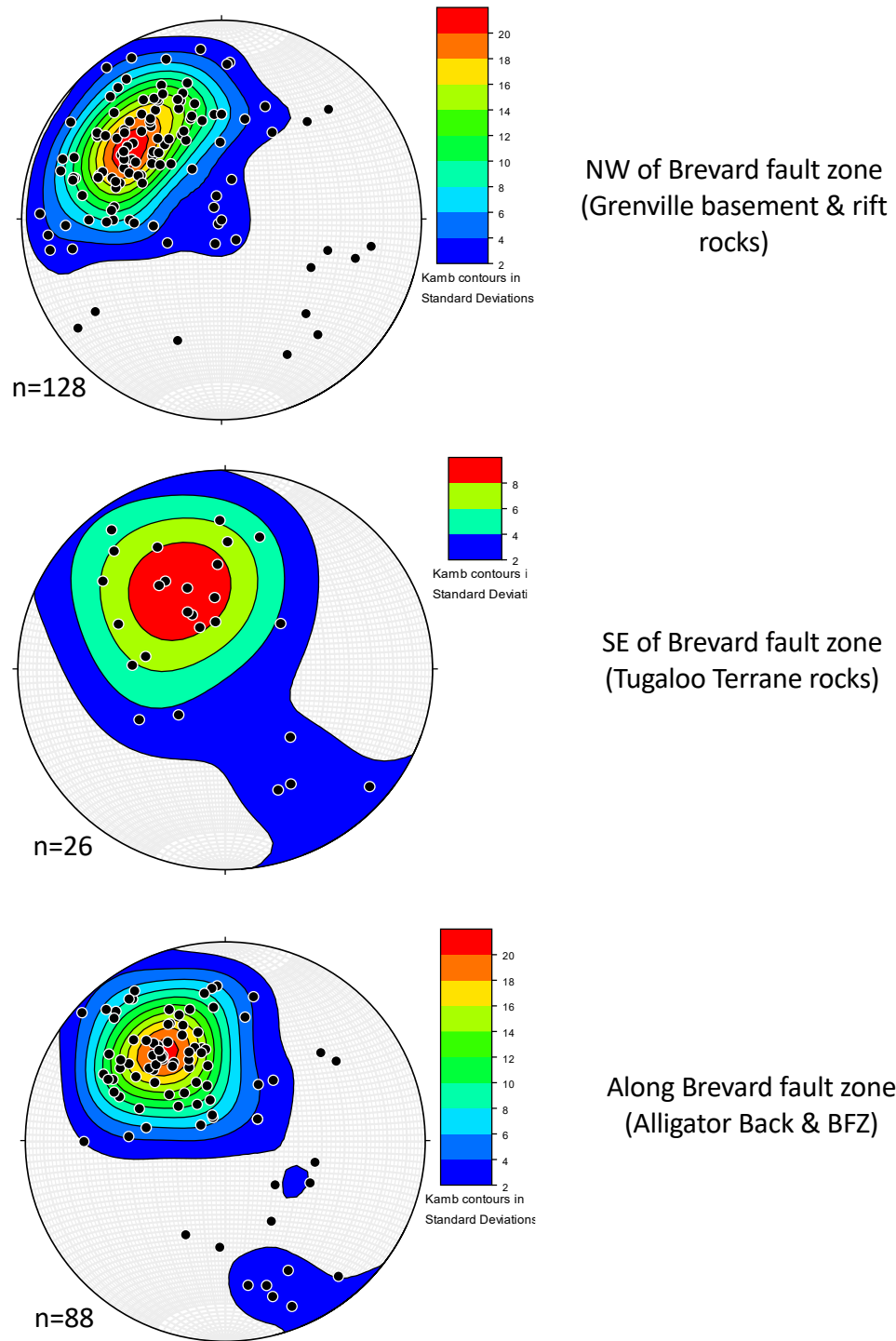


Figure 13. Poles to foliation plotted on equal area-lower hemisphere stereographic projections as poles (black dots) and Kamb contours (colored polygons). The foliation generally strikes to the northeast and dips to the southeast. Upper: Units to the northwest of the Brevard Fault and Alligator Back rocks. Middle: Alligator Back and Brevard Fault zone rocks. Lower: Units to the southeast of the Brevard Fault zone and Alligator Back rocks.

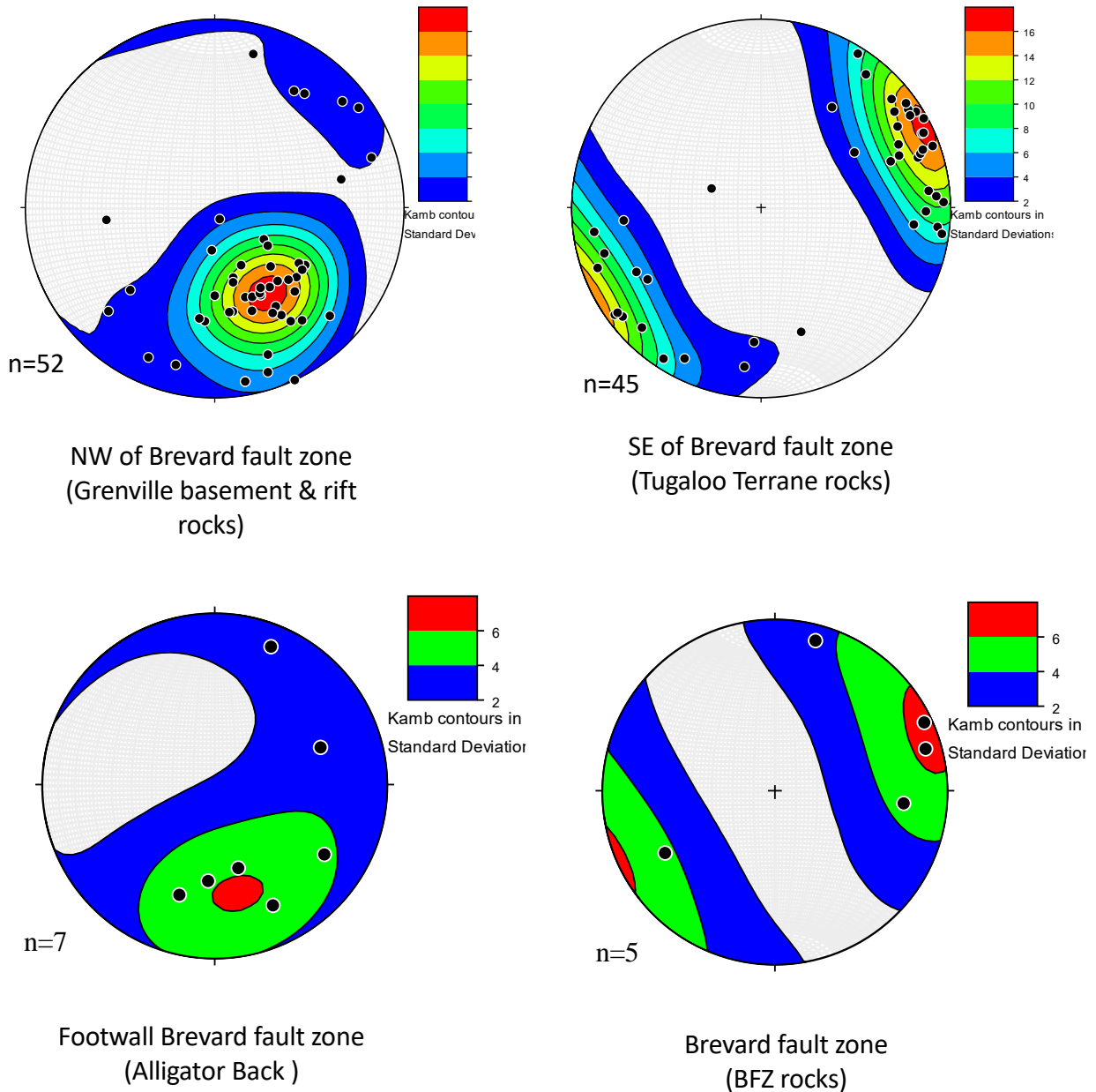


Figure 14. Lineation attitudes plotted on equal area-lower hemisphere stereographic projections as poles (black dots) and Kamb contours (colored polygons). In contrast to the foliation, the lineation varies spatially. Northeast of the fault zone, including the Alligator Back rocks (left upper and lower respectively), the lineation dips steeply down-dip on the foliation plane. Southeast, including the Brevard Fault zone (right upper and lower respectively), the lineation is shallowly dipping and sub parallel to the strike of the foliation.

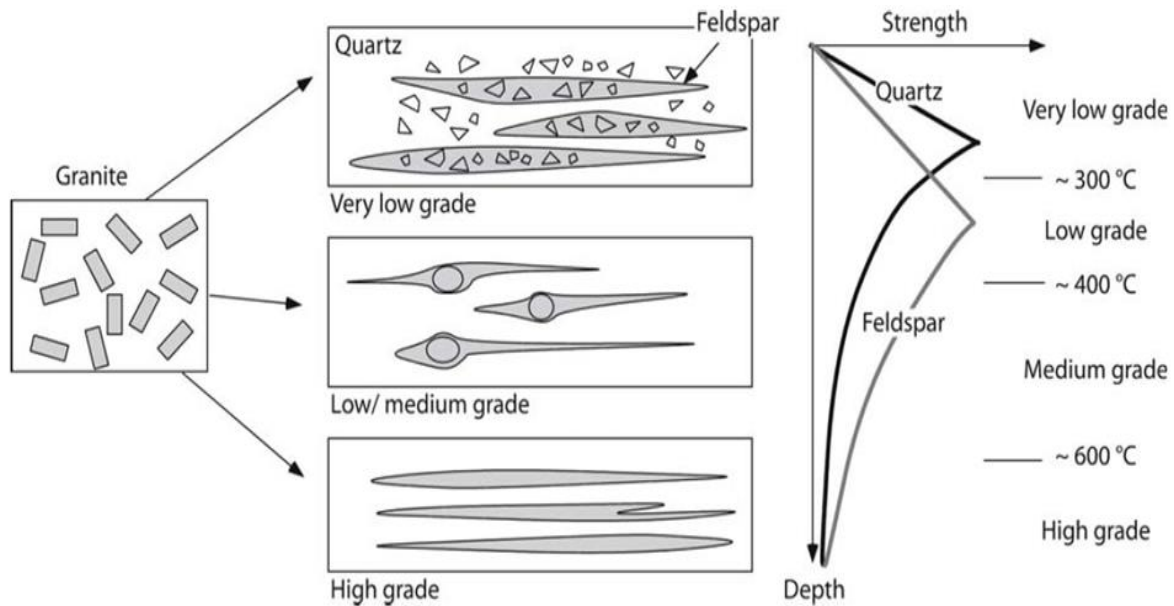


Figure 15. Schematic of the deformation of quartz and feldspar. The deformation behavior of quartz and feldspar changes with temperature/depth. On the right, shows the strength of quartz and feldspar with depth. Center and left, is a schematic of quartz and feldspar behavior. At very low grade, feldspar is weaker but both quartz and feldspar behave brittlely. Increasing temperature and metamorphic grade causes quartz to deform by dislocation creep. At low to medium temperature, feldspar is the stronger mineral (i.e., brittle) and develops mantled porphyroclasts. At higher grade both have similar strength and exhibit ductile deformation by dislocation creep (Credit; Passchier and Trouw, 2005).

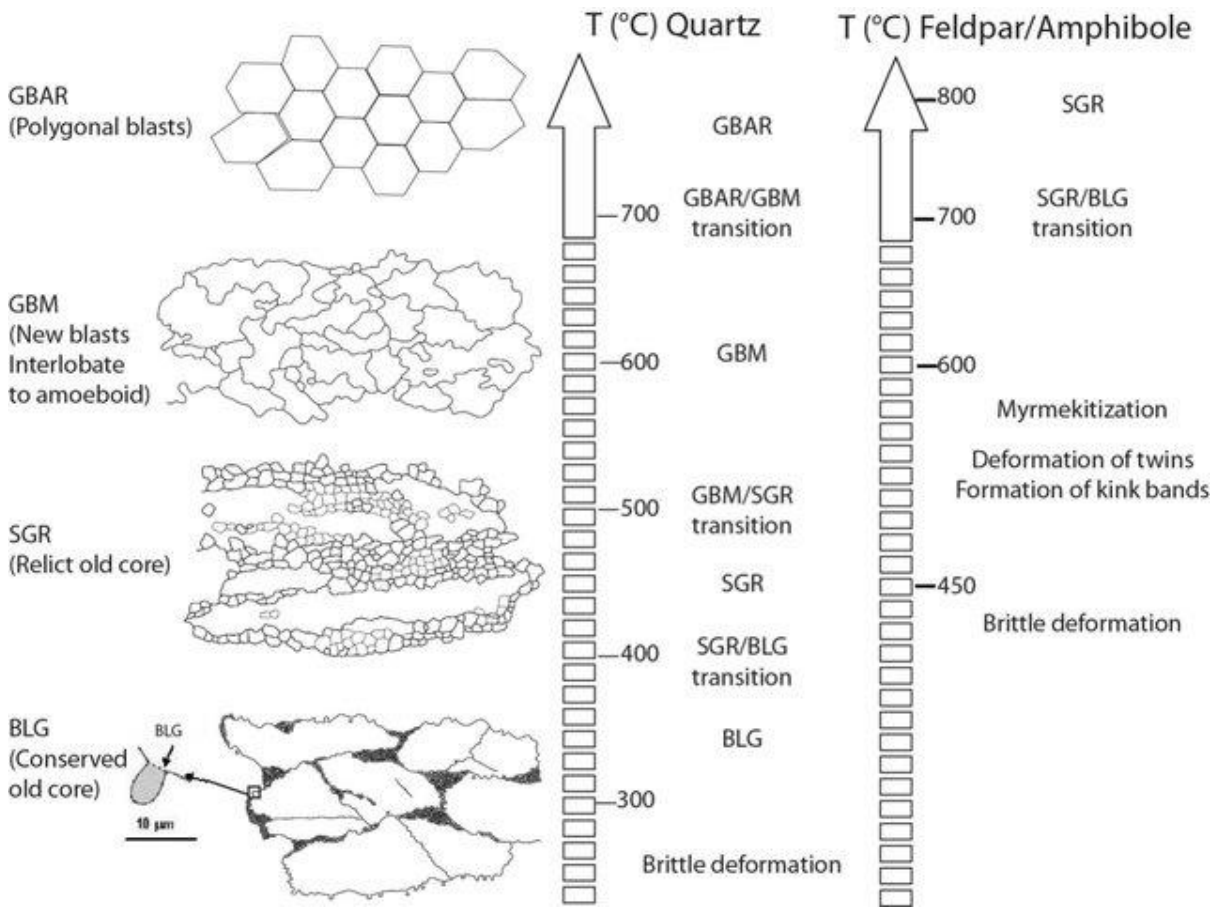


Figure 16. Schematic of the change in quartz and feldspar grain boundaries in relation to temperature. Increasing temperatures cause a change in the dynamic recrystallization of quartz and feldspars. At very low temperature (< 300 °C) both behave brittlely but as temperature increases the quartz begins to recrystallize by bulging recrystallization (BLG) along grain boundaries at ~ 300 °C, subgrain rotation (SGR) at ~ 450 °C, grain boundary migration at ~ 550 °C, and grain boundary area reduction or polygonization (GBAR) at temperatures greater than 700 °C. Feldspars stay in the brittle regime at temperatures lower than ~550 °C (Credit: Owona et al., 2013 after Kurse et al., 2001; Stipp et al., 2002; Passchier & Trouw, 2005)

The Brevard Fault zone mylonites and cataclastites also exhibit fractured feldspar grains, especially in the cataclastites (Fig. 24). The foliations are defined by muscovite, sometimes as fish, with lesser amounts of biotite and chlorite. Hornblende and titanite are absent. The quartz texture exhibits dynamic recrystallization.

Rocks to the southeast of the Brevard Fault zone also contain quartz and potassium feldspar. However, the feldspar is not as abundant and is rarely fractured. The quartz in the matrix and in the strain shadows exhibit dynamic recrystallization with bulging to ribbon-like grain boundaries. Biotite, chlorite, hornblende, and lesser amounts of muscovite define the foliation (Figs. 25, 26, and 27). Garnet is common in both the gneiss and schist (Figs 25 and 26). The amphibolite member of the Tallulah Falls Formation contains hornblende, plagioclase, quartz, and epidote (Fig. 27).

Additionally, two granitoids of unknown age were examined (Fig. 28). One, an unnamed Proterozoic granitoid to the north of and in contact with the Alligator Back gneiss, is muscovite-rich and contains garnet unlike the other Alligator Back units. The potassium feldspar crystals are fractured, quartz is partially annealed within the fractures but dynamically recrystallized away from the porphyroclasts. The other granitoid is a potassium feldspar-rich pegmatitic granitoid located southeast of the Brevard Fault zone. It is weakly deformed with muscovite fish and biotite defining the weak foliation. The feldspar grains are not fractured and exhibit little deformation.

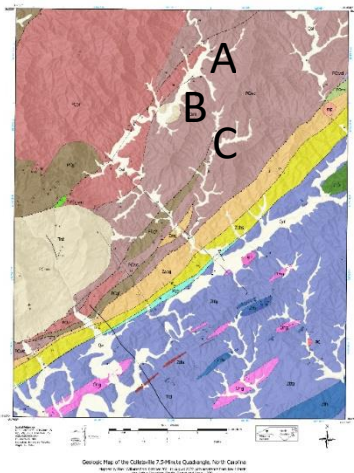
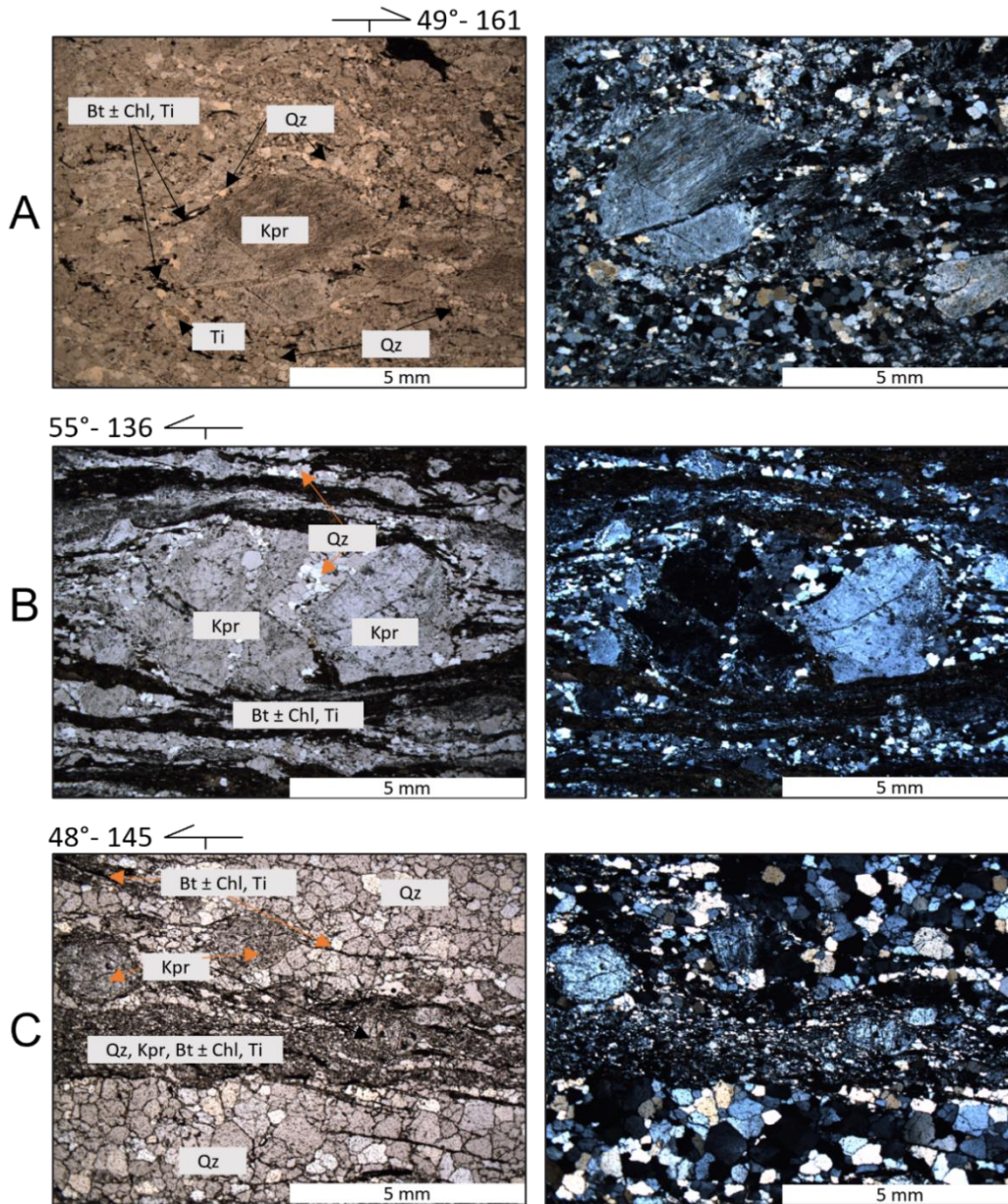


Figure 17. Photomicrographs of Proterozoic Wilson Creek gneiss going from NW to SE (insert map showing locations to the left). The feldspars (Kpr) are fractured, and the quartz (Qz) is annealed in the fractures and in the strain shadows. Strain shadows become more common, and the grain size is reduced to the southeast. Biotite (Bt) ± chlorite (Chl) and titanite (Ti) define the foliation and mantle the porphyroclasts. The numbers and arrows above photos are the trend and plunge of the lineation.

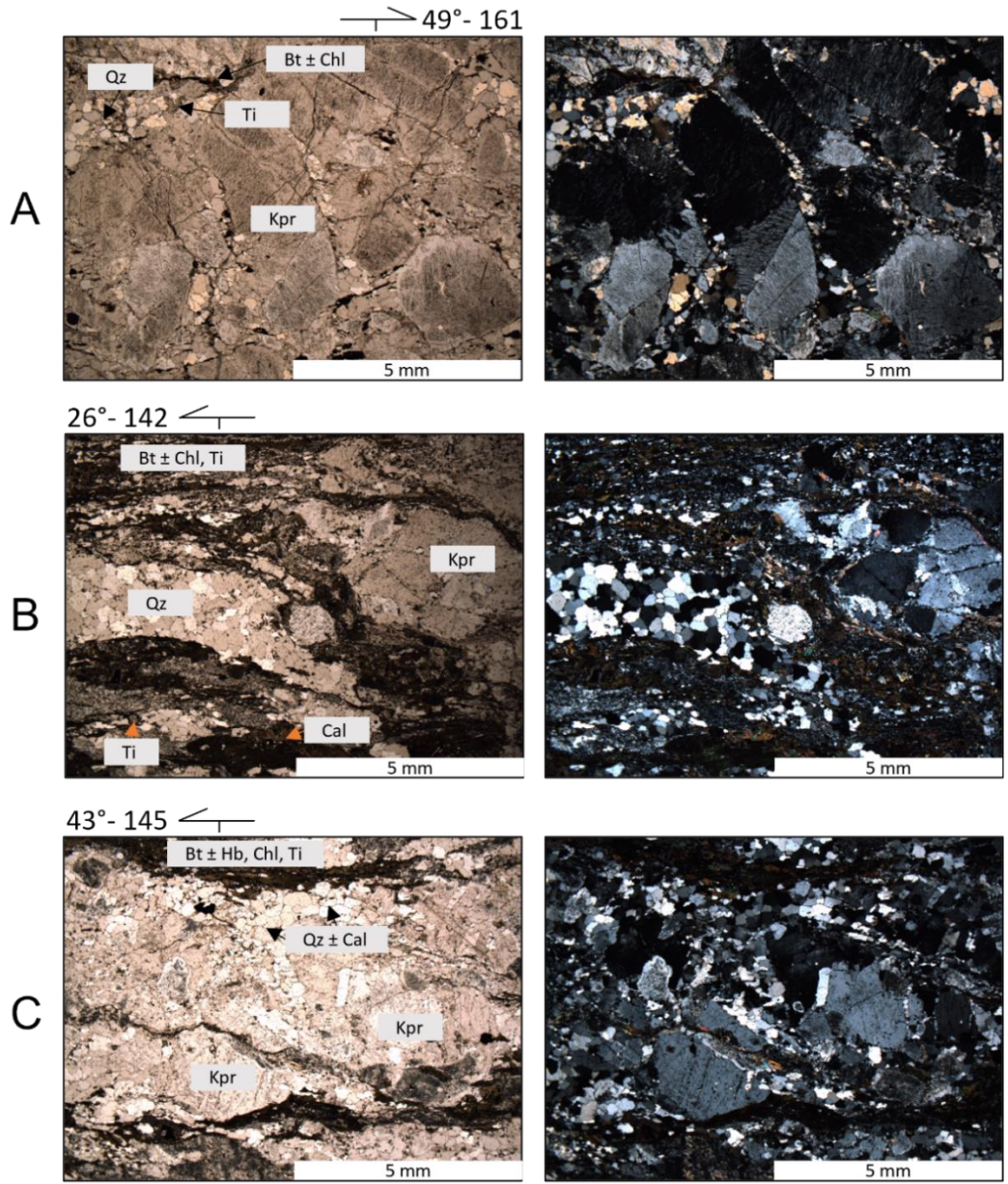
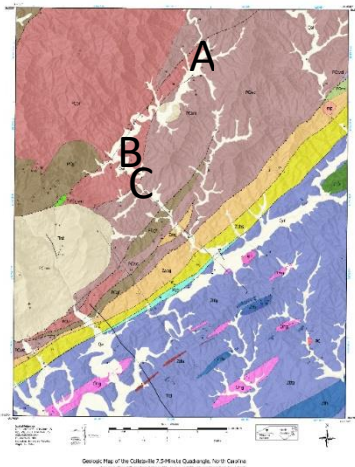


Figure 18. Photomicrographs of Proterozoic Blowing Rock gneiss going from NW to SE (insert map showing locations to the left). The Proterozoic Blowing Rock gneiss exhibits fractured potassium feldspar grains with polygonal quartz mantling the porphyroclasts and infilling the fractures. Calcite (Cal) is also found within the quartz mantle. Biotite, hornblende (Hb), chlorite, and titanite define the folia. There is some grain size reduction near faults and in the units going to the southeast.



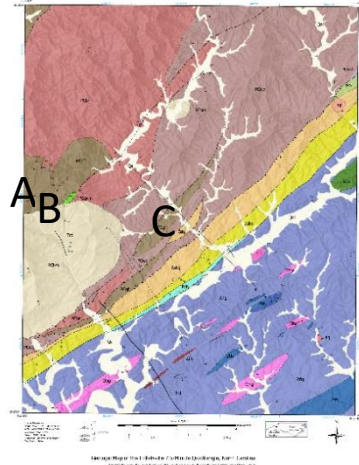
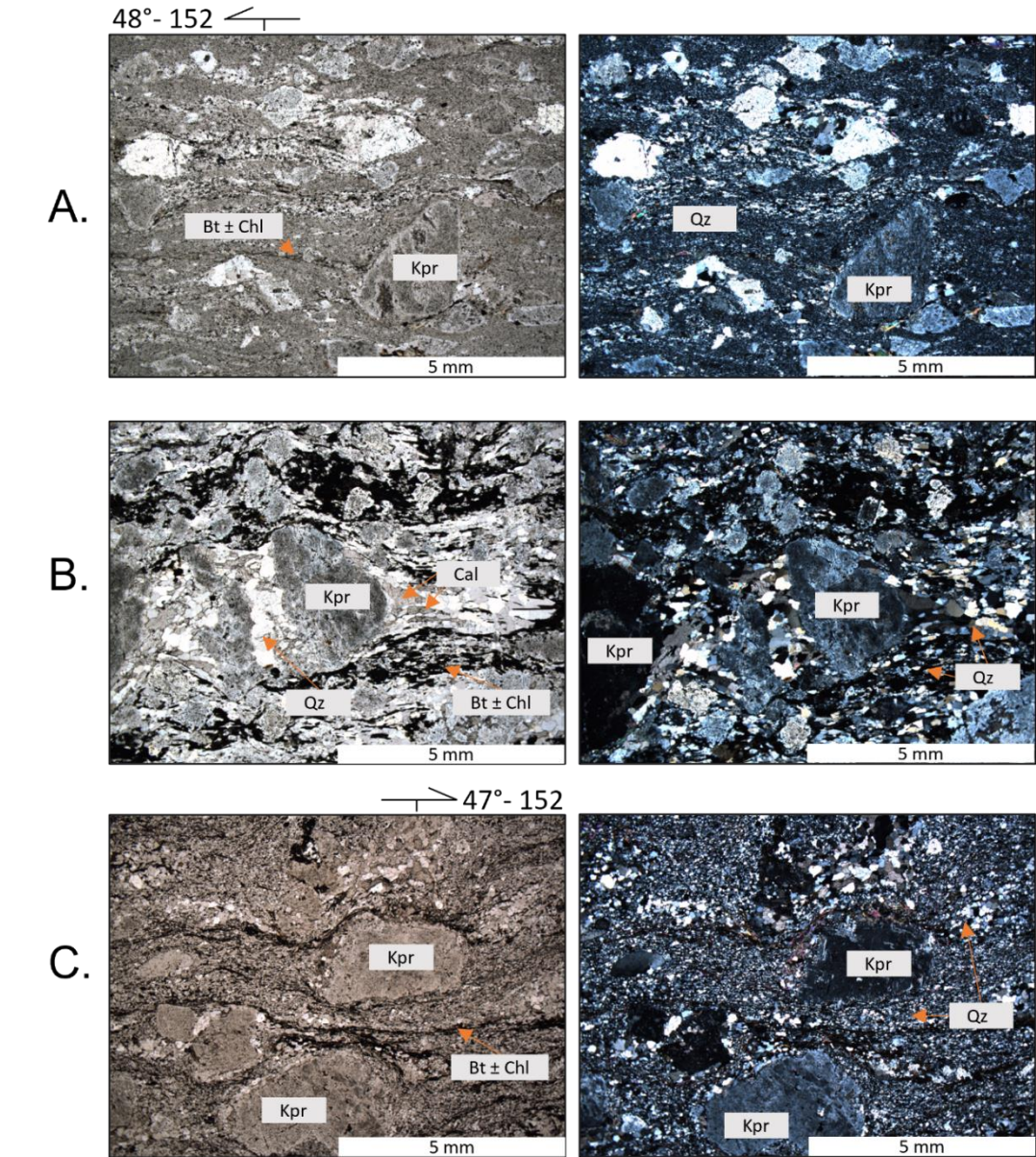


Figure 19. Photomicrographs of Proterozoic Grandfather Mountain Formation felsic metavolcanic rift related rocks going from NW to SE (insert map to the left corresponds to locations). The dominant mineral assemblage is potassium feldspar and quartz with biotite ± chlorite making up the folia. Minor calcite is found within the strain shadows of the fractured feldspar crystals near faults. Fine grained quartz ± feldspar comprises the groundmass (original) in all samples. Quartz has been partially recrystallized and is polygonal in the strain shadows of the fractured feldspars particularly near faults and to the SE.

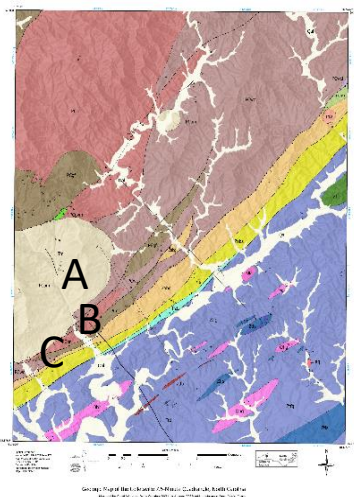
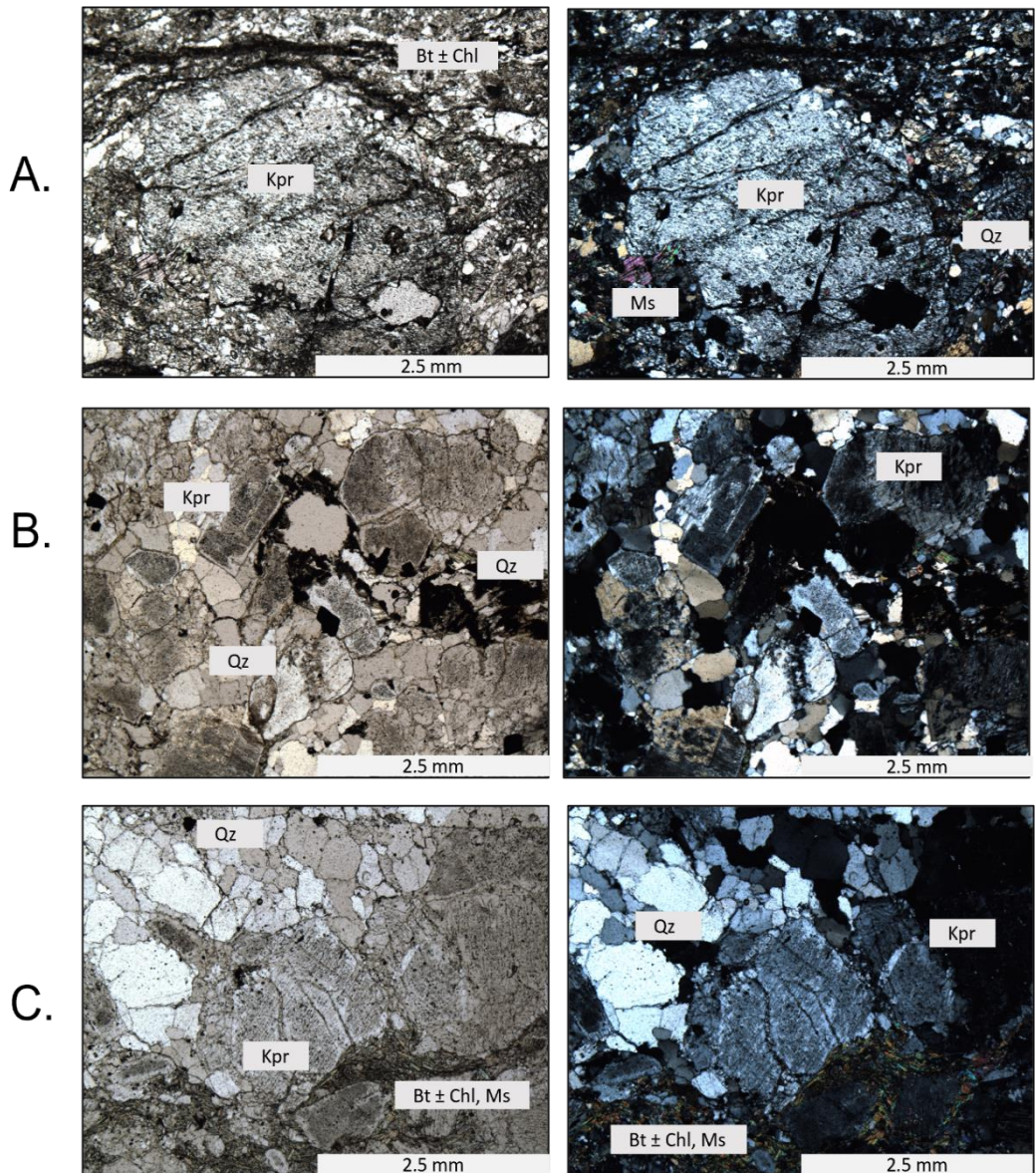


Figure 20. Photomicrographs of Proterozoic rift related granitic Brown Mountain Granite going from NW to SE (insert map showing locations to the left). A. Strongly lined and crudely foliated with biotite ± chlorite defining the foliation. Large, fractured potassium feldspars with muscovite and quartz infilling the fractures, and medium to fine grained quartz and feldspars as the groundmass. B. Near the SE margin of the pluton, relict subhedral to euhedral feldspar crystals are found, and the quartz grain size is larger. The quartz exhibits weak undulose extinction and possible grain boundary migration to annealed texture. C. This sample is the closest outcrop to the fault zone and exhibits fractured feldspars and grain boundary migration to annealed quartz fabric.

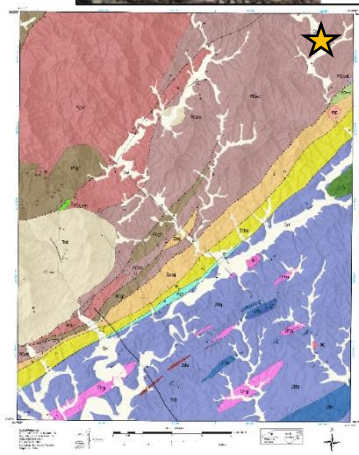
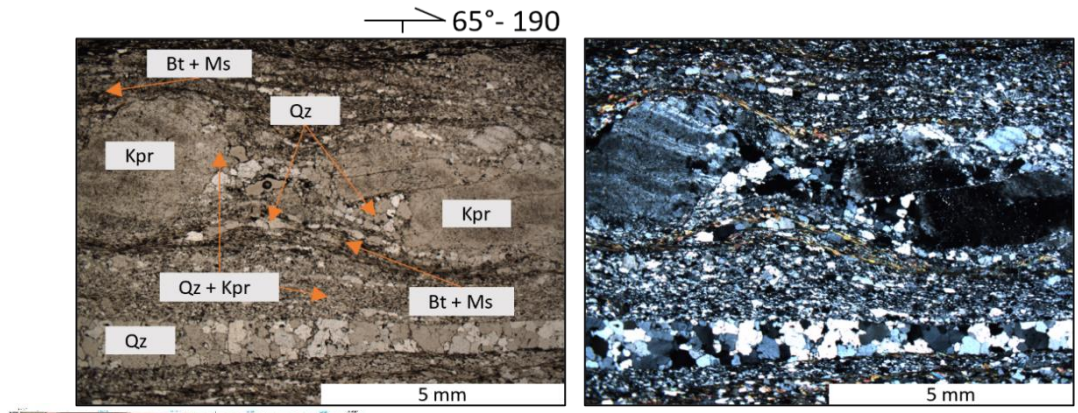


Figure 21. Photomicrographs of Proterozoic Layered Wilson Creek gneiss (star on insert map indicates location). Potassium feldspar porphyroblast has deformation bands and is bent and broken. The quartz in the fracture is partially annealed. However, the texture of the quartz in the vein suggests dynamic recrystallization with bulging grain boundaries. Biotite ± muscovite defines the foliation. Titanite is absent.

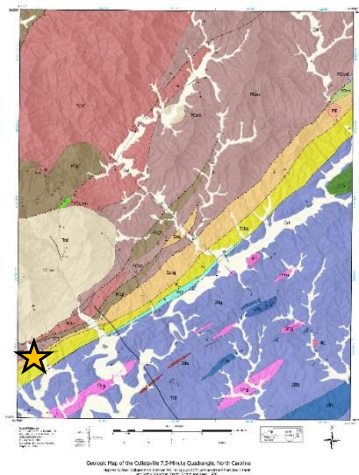
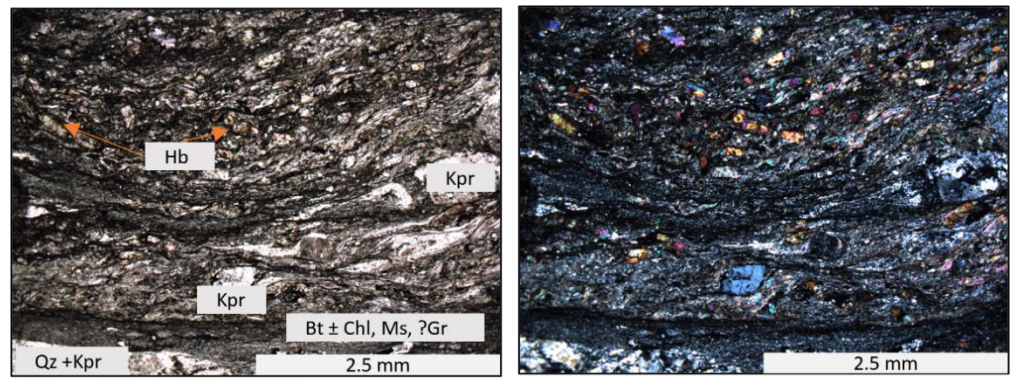


Figure 22. Photomicrographs of Neoproterozoic to Ordovician Alligator Back gneiss (star on insert map indicates location). Coarse grained hornblende and potassium feldspar with a matrix of very fine-grained quartz, hornblende, biotite, chlorite, and possibly graphite. Biotite and chlorite define the foliation and mantle porphyroclasts of aggregate hornblende and feldspars. Mica fish (not shown) are occasionally found.

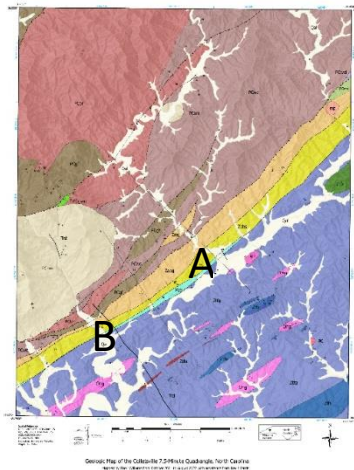
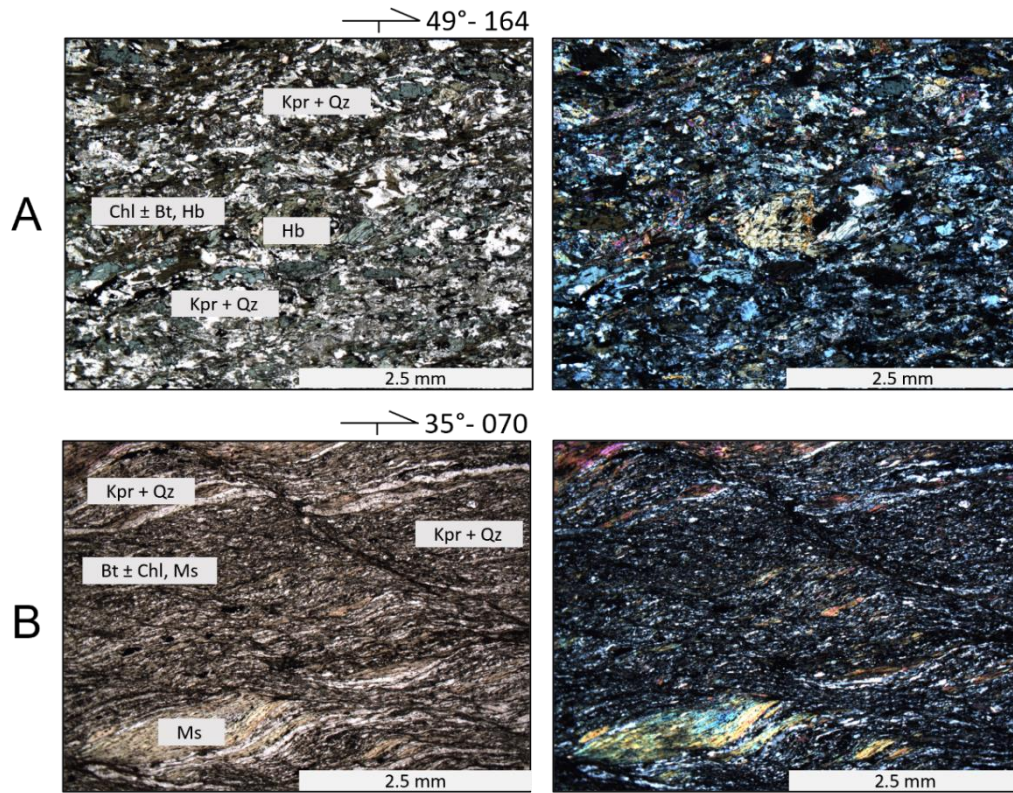


Figure 23. Photomicrographs of Neoproterozoic Alligator Back schist going from NW to SE (insert map showing locations to the left). Medium-to-coarse grained biotite and chlorite rich with finer grained quartz and feldspar. Hornblende is found in locations not immediately near shear zone. Very near the Brevard Fault, hornblende is less common, muscovite fish are more common, and an SC fabric is developed. Garnets were not found in this unit.

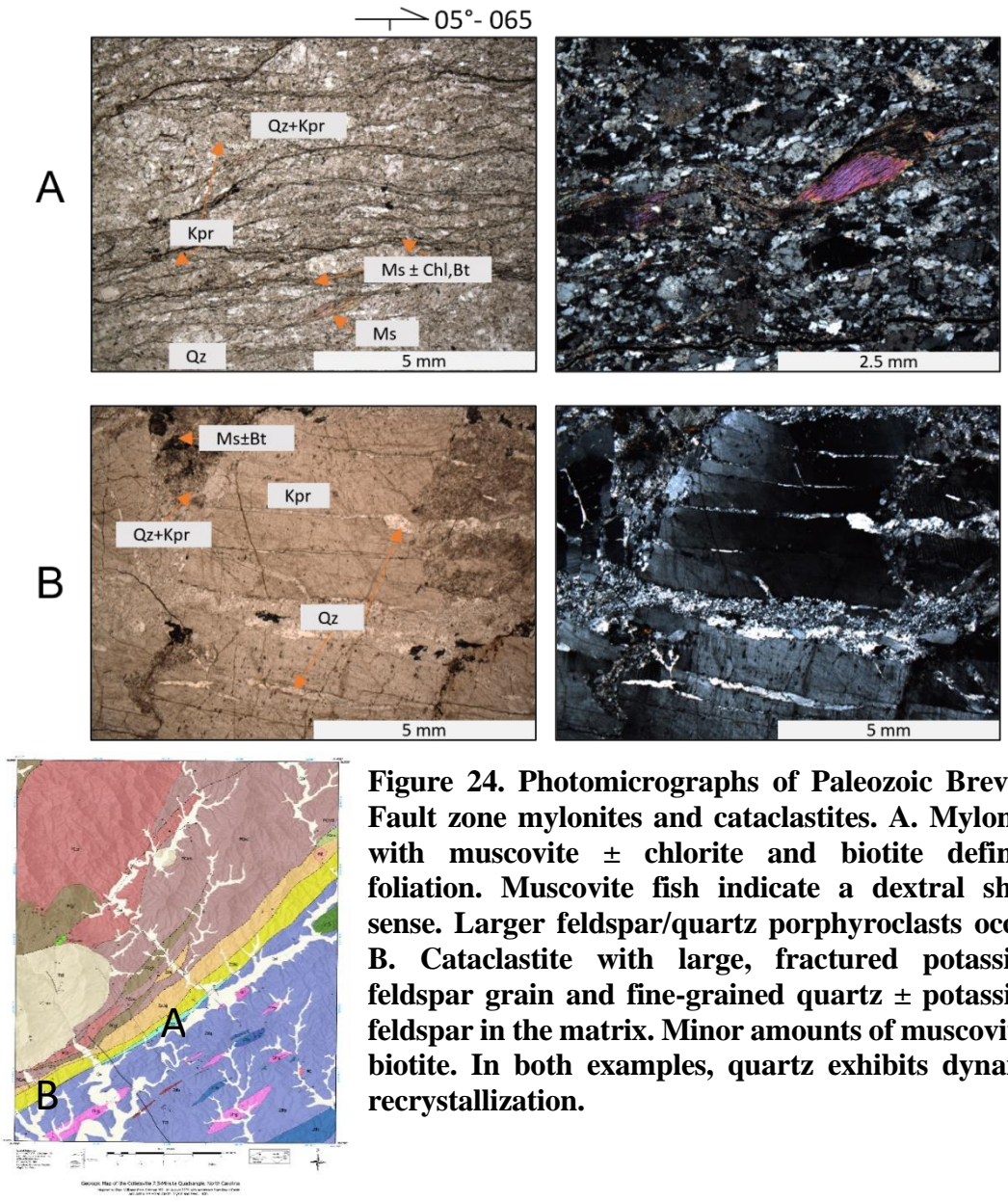


Figure 24. Photomicrographs of Paleozoic Brevard Fault zone mylonites and cataclastites. A. Mylonitic foliation with muscovite ± chlorite and biotite defining foliation. Muscovite fish indicate a dextral shear sense. Larger feldspar/quartz porphyroclasts occur. B. Cataclastite with large, fractured potassium feldspar grain and fine-grained quartz ± potassium feldspar in the matrix. Minor amounts of muscovite ± biotite. In both examples, quartz exhibits dynamic recrystallization.

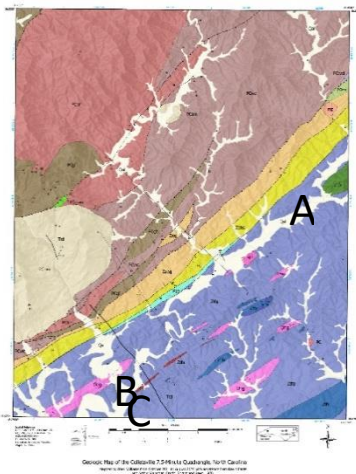
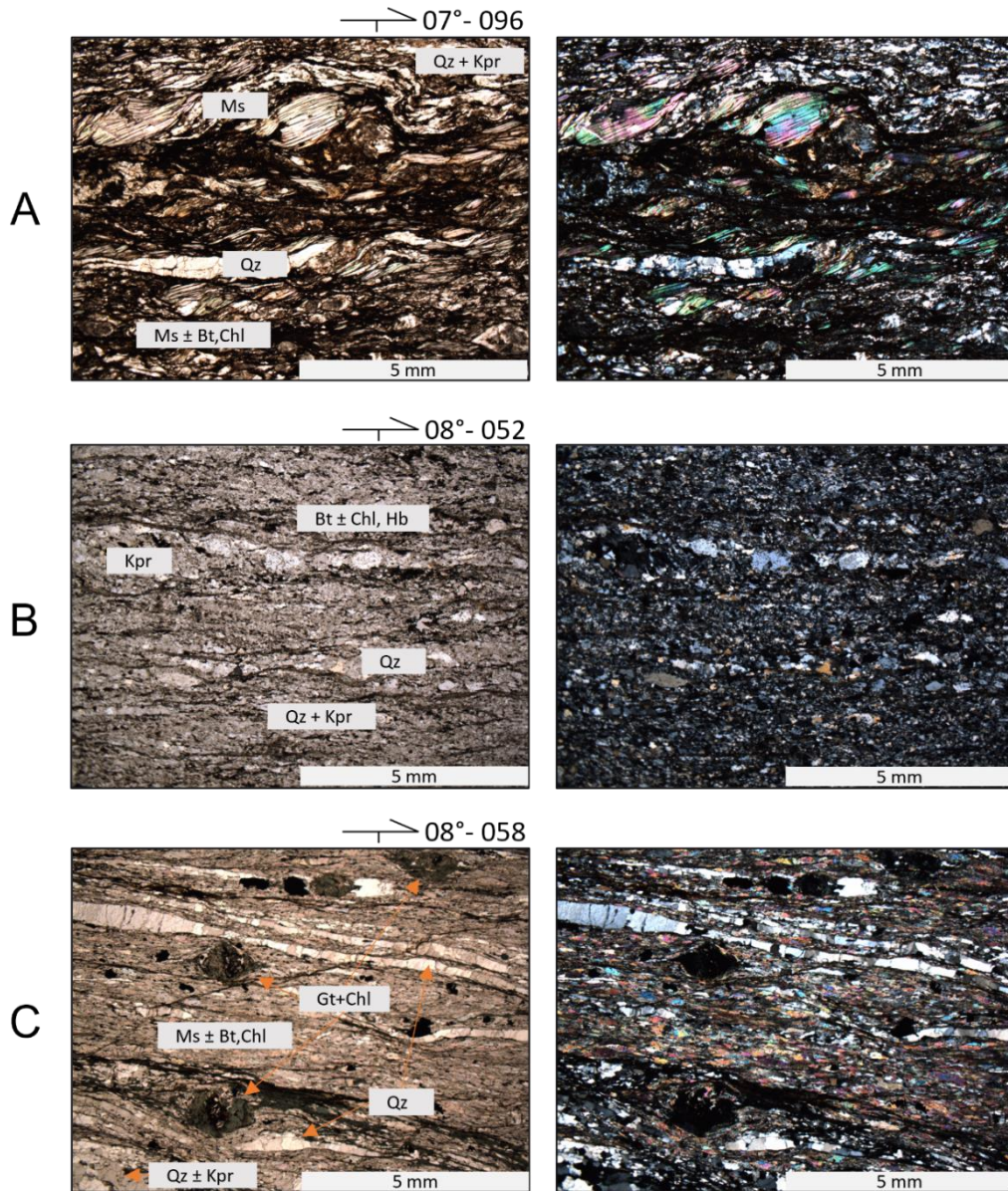


Figure 25. Photomicrographs of Neoproterozoic to Ordovician Tallulah Falls gneiss going from NW to SE (insert map showing locations to the left). Biotite, muscovite, and chlorite define the foliation. Closest to the fault zone muscovite is more common and forms asymmetrical fish with dextral shear sense. Hornblende is found locally. Feldspar and quartz porphyroclasts are less than 5mm and are commonly rounded with tails. Garnet, locally with chlorite replacement, is more common to the SE.

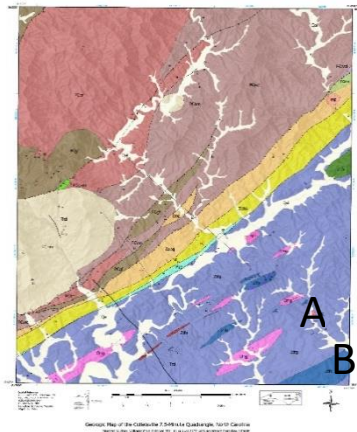
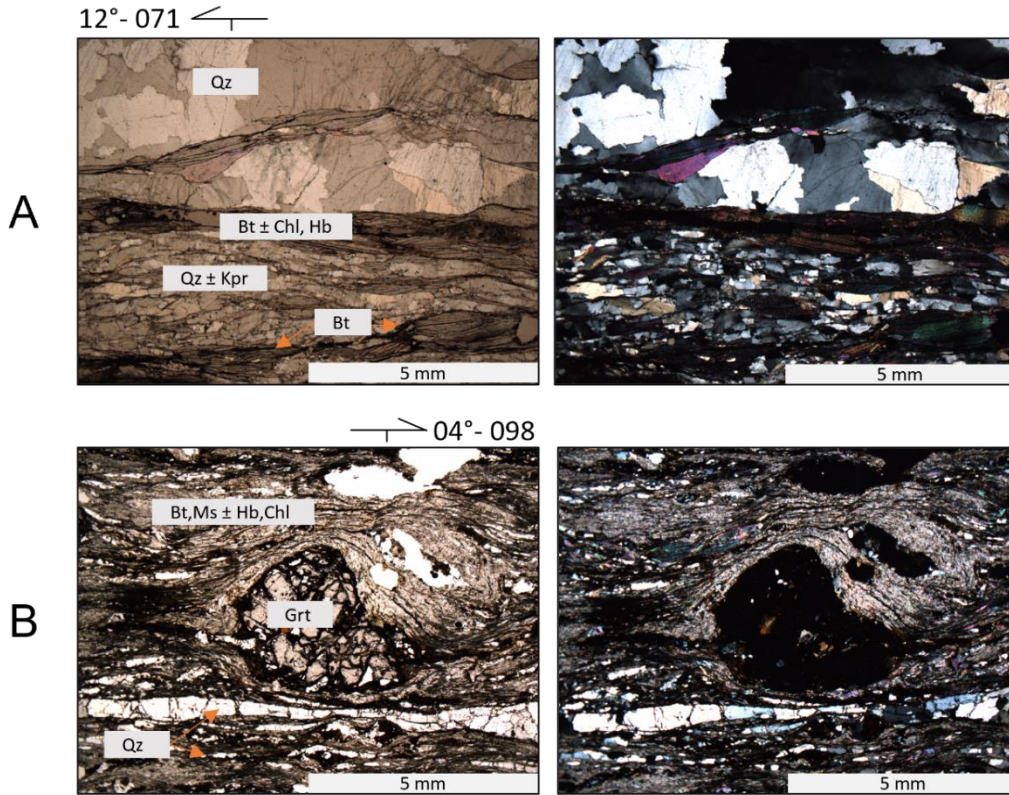
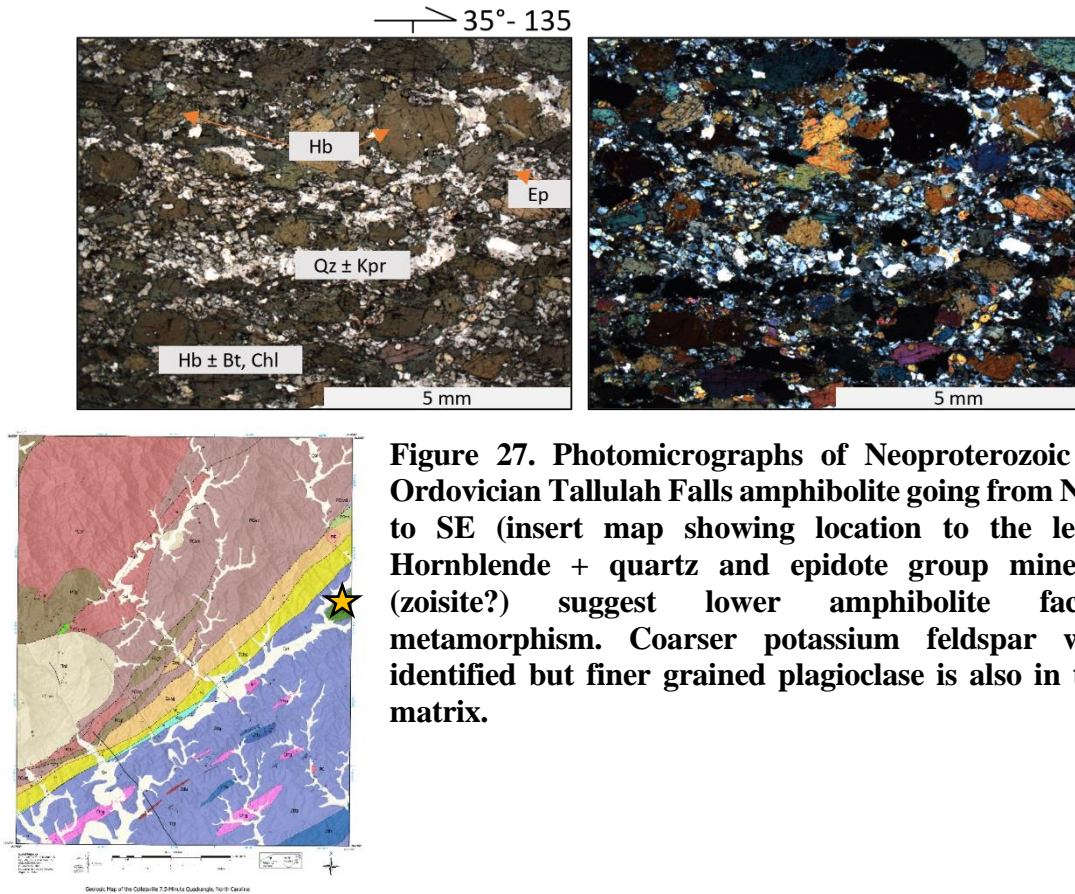


Figure 26. Photomicrographs of Neoproterozoic to Ordovician Tallulah Falls garnet mica schist going from NW to SE (insert map showing locations to the left). Biotite and muscovite ± hornblende and chlorite define the foliation. Quartz and potassium feldspar occur as porphyroclasts and in the leucosomes. Garnet is common. Kyanite is found locally. A. Biotite and chlorite fill a fractured quartz vein. B. Biotite, muscovite, hornblende mantle a fractured and rotated garnet.



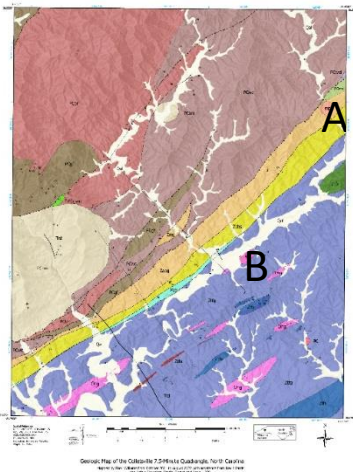
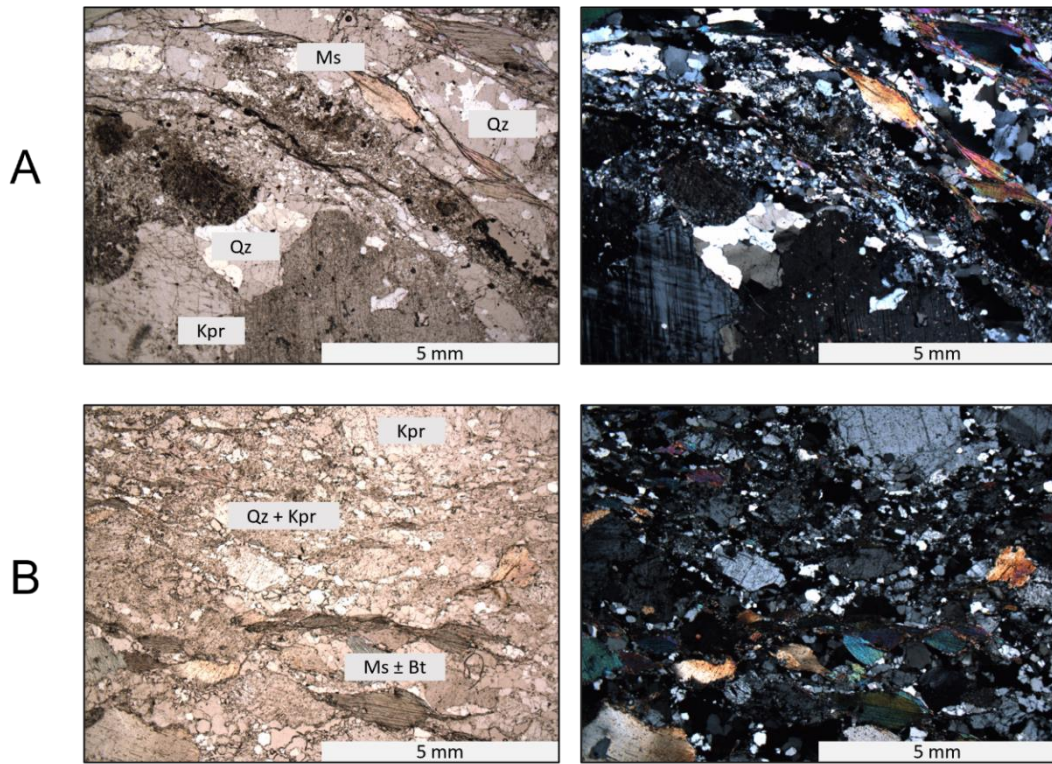


Figure 28. Photomicrographs of granitoids – unknown age going from NW to SE (insert map showing locations to the left). A. muscovite-rich granitoid in contact with Alligator Back gneiss and unnamed Proterozoic schist that contains garnet unlike other Alligator Back units. B. A potassium feldspar-rich pegmatitic granitoid that is weakly deformed. This unit was used for EBSD analysis.

Electron Backscatter Diffraction

Electron Backscatter Diffraction (EBSD) can be used to study the micro texture or crystallographic preferred orientation (CPO) of specific minerals in deformed rocks to identify the shear sense and the slip systems that were active during deformation (e.g., Neumann, 2000; Passchier and Trouw, 2005).

A focused beam of electrons is aimed at a mounted sample and the angles at which the incident electrons at the crystal lattice scatter are recorded. The orientation dependent angles form a pattern or CPO that can be visualized in pole figures. The density or point maxima displayed on pole figures can identify the active slip system and can help constrain the deformation conditions (temperature, strain rate, etc.) that the rock experienced while the CPO was developed. The pattern of the CPO can be used to determine the sense of shear.

Quartz is abundant in the continental crust and therefore has been much researched in relation to CPO (e.g., Stipp et al., 2002; Passchier and Trouw, 2005; Barth et al., 2010; Zuo et al., 2021). In the middle to lower crust, quartz deforms primarily by dislocation creep (e.g., Hirth and Tullis, 1998; Stipp et al., 2002; Passchier and Trouw, 2005). Figure 29 shows the quartz crystallographic coordinates and slip systems.

Point maxima about the c and a axes can be plotted on inverse pole figures with respect to the crystal coordinates system. This type of pole figure relates directly to the slip system and can be used to constrain temperature (Fig. 30). It is important to note that strain rate, water weakening, and grain size can move the temperature constraints up or down (Passchier and Trouw, 2005). Point maxima can also be plotted on stereographic projections with respect to foliation (horizontal line) and lineation (point). This is done in relation to the a-axis and c-axis. When patterns are discernable, they relate to internal and external symmetry which can suggest kinematics (Fig. 31).

The locations of the patterns can be correlated to the slip system(s) that were active during deformation and, therefore, temperature (Fig. 31).

When there is no CPO, a variety of possibilities exist; there was no deformation, quartz was deformed by grain-size sensitive diffusion creep (Rahl and Skemer, 2016), quartz was deformed by grain boundary sliding and a switch from plastic to superplastic deformation because of small grain size (Law, 1990), or there was not enough quartz or too small of an area was analyzed.

Complexities can arise when studying polymineralic rocks.

Methods

Eight samples cut parallel to the XZ plane (X is parallel to mineral stretching lineation and Z is perpendicular to foliation) were selected for EBSD analysis. The samples were taken from several major rock units going from NW to the SE across the Brevard Fault zone. All the samples contained quartz that exhibited undulose extinction in thin section, and the samples were weakly to strongly foliated in hand sample. Two samples from the Tallulah Falls – a kyanite garnet mica schist and a medium grained biotite gneiss, a sheared pegmatite near the southeast margin of the fault zone, a felsic mylonite within the fault zone, two samples from the Alligator Back Metamorphic suite - muscovite biotite schist and a biotite gneiss, a felsic meta-volcanic rock of the Grandfather Mountain Formation, and a member of the Blowing Rock Gneiss (augen gneiss) that has some evidence of grain size reduction and is located near a thrust fault. The polished thin sections underwent an additional mechanical and chemical polish using a 0.04 μm colloidal silica slurry and then analyzed on a Zeiss EVO MA 15 Scanning Electron Microscope at Washington & Lee University in Lexington, VA using an Oxford Instruments EBSD detector and Aztec software. The samples were set on a stage tilted 70° to maximize the number of scattered shallow angle electrons. Data were collected with operating conditions of 25kV accelerating voltage, probe

current of 20nA, and a working distance of 16-28 mm. The step size was sample (i.e., grain size) dependent and ranged from 1 – 10 μm with most samples at 8 or 10 μm . The quartz grains were identified by Kikuchi bands that are specific to quartz and are programmed into the software.

The data were processed and analyzed using the MTEX toolbox for MATLAB (Hielscher and Schaeben, 2008). For crystallographic vorticity analysis (CVA), code from Michels et al. (2015) was used. The CVA analysis was performed to recenter the pole figure pattern due to some thin sections cut slightly oblique to lineation. Phase maps were made so that one crystal orientation was recorded per grain. Misorientation of adjacent grains greater than 3° were considered as distinct grains. In order to account for Dauphine twins, adjacent quartz grain boundaries of 60° were merged into a single grain.

Quartz CPO data were plotted on equal area lower hemisphere stereograms with respect to foliation (E-W plane) and lineation (dots on great circle) and inverse pole figures with respect to the crystallographic coordinate system of quartz. The pole figures are presented with photomicrographs highlighting the quartz texture.

Results

Overall, the inverse pole figures suggest a prism $\langle a \rangle$ slip component with lesser amounts of basal $\langle a \rangle$ to rhomb $\langle a \rangle$ slip with the exception of a pegmatite located just to the south of the Brevard Fault zone. The pole figures show mixed results but generally agree with the slip system indicated by the inverse pole figure. One pole figure indicates a slip system that would occur at a higher temperature. Not all the pole figures have a strong pattern. The inverse pole figures from the Laurentian margin rocks, the Blowing Rock gneiss (Pebr) and Grandfather Mountain Formation felsic volcanic member (Pegf), suggest prism $\langle a \rangle$ with some rhomb $\langle a \rangle$ slip (Fig. 32).

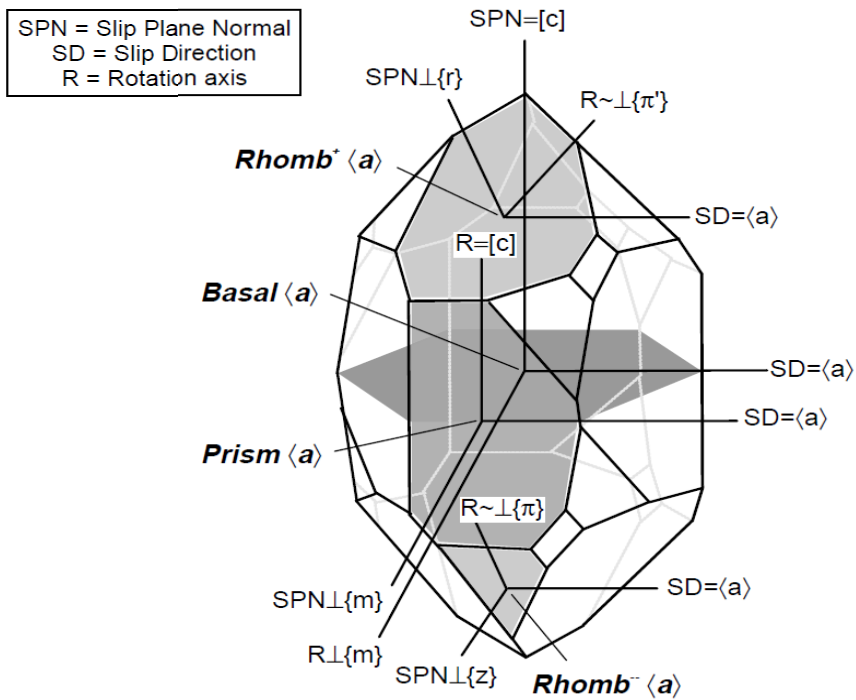


Figure 29. Schematic of quartz crystallographic axes relating to slip systems (Neumann, 2000).

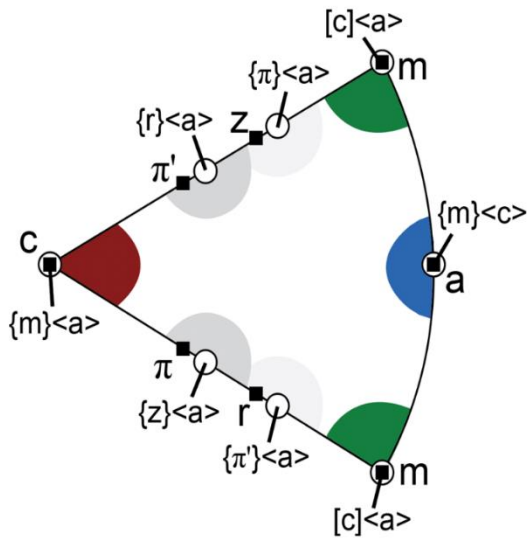
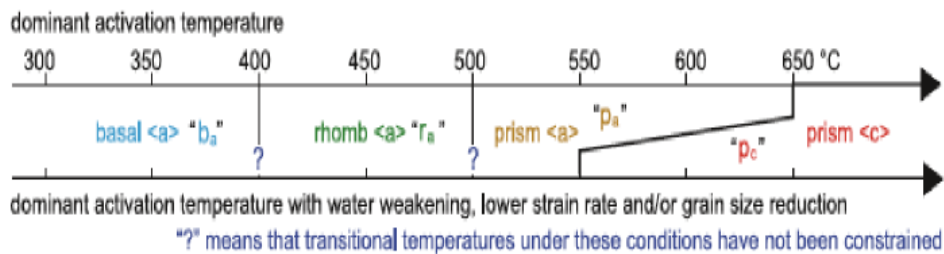


Figure 30. Left: Diagram of inverse pole figure with the crystal coordinate system of quartz. The corners (green) represent basal $\langle a \rangle$, the center of curved side (blue) is prism $\langle c \rangle$, the tip (red) is prism $\langle a \rangle$, and the straight sides (grey) are rhomb $\langle a \rangle$. A point maximum in these areas indicate the dominant slip-system (Neumann, 2000). Lower: Activation temperature constraints for each slip system (Zuo et al., 2021).



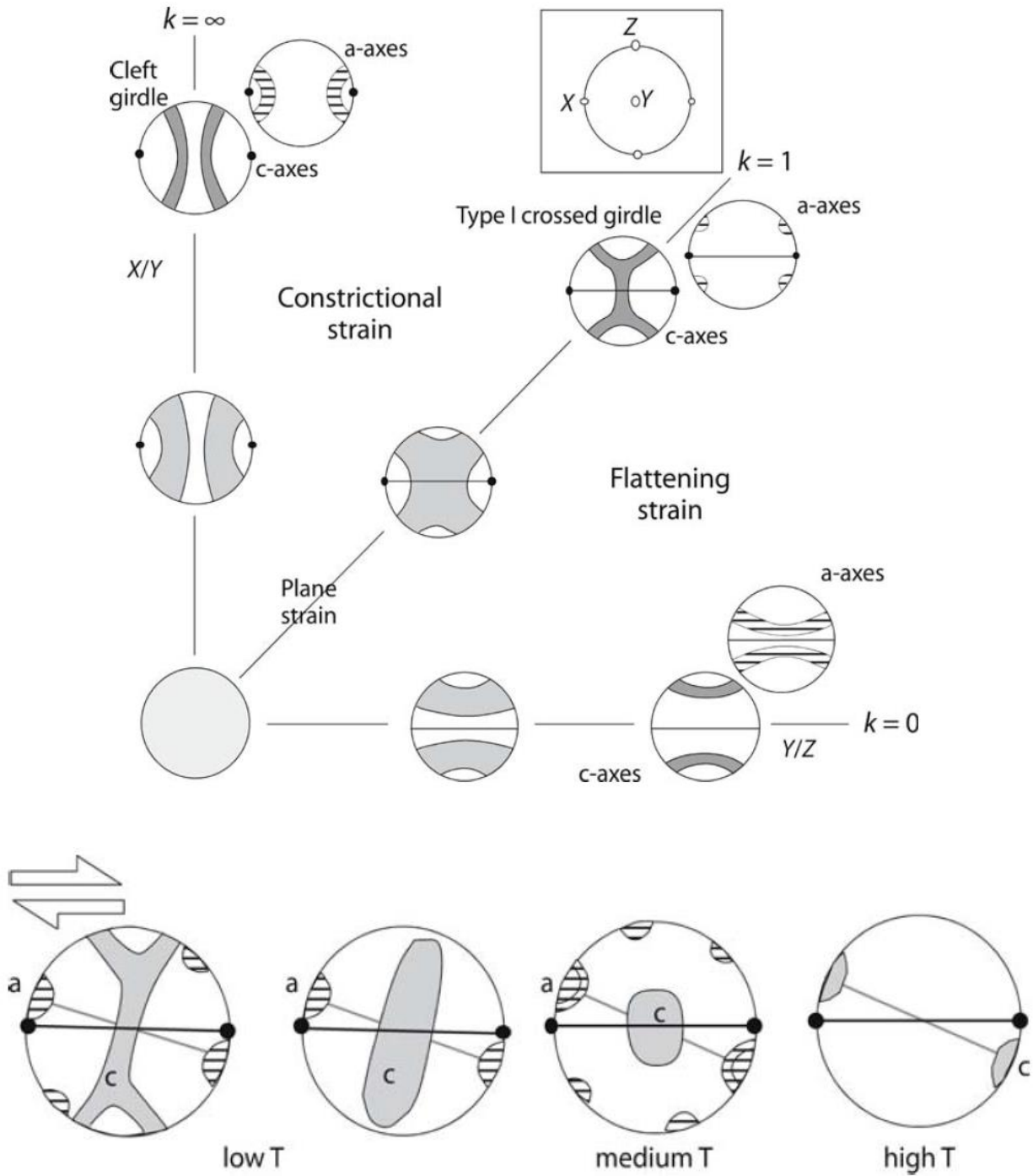


Figure 31. Possible contoured CPO patterns of quartz c-axes (grey) and a-axes (striped) and their relation to strain and temperature. The horizontal solid line in pole figures is reference foliation and the black dot is lineation. The upper diagram is a Flynn diagram that equates pattern to strain regime. The lower diagram represents the asymmetry caused by non-coaxial progressive deformation. As the temperature increases, the dominant slip system changes producing different patterns (Passchier and Trouw, 2005).

This would occur at temperatures of 550 °C - 600 °C and 400 °C - 500 °C, respectively. Both pole figures suggest a simple shear component. However, the pattern in the Pebr also suggests that the rocks underwent constriction. The Pegf pole figure is not strong. Additionally, the quartz grain boundaries are polygonal, which is suggestive of higher temperatures or slower strain rate. This is in contrast to the brittle deformation of the feldspar porphyroclasts and may be due to complexities of interpreting polymineralic rocks.

Figure 33 is the Alligator Back schist (Zabs) and the Brevard Fault zone mylonites (Pzb). The Alligator Back schist (Zabs) inverse pole figure indicates slip along the prism <a> plane (550 °C - 600 °C) but also has a basal <a> (350 °C - 400 °C) component. The pole figure is strong and suggests simple shear + constriction. The Pzb mylonites have a similar high temperature (550 °C - 600 °C) prism <a> slip but with a rhomb <a> overprint. The pole figure has a weak to moderate crossed girdles pattern that suggests coaxial + flattening strain. The quartz texture exhibits dynamically recrystallized grain boundaries with bulging and irregular margins.

An unnamed potassium feldspar pegmatite (KPeg) only shows a rhomb <a> slip (Fig. 34). The pole figure has a crossed girdle pattern that suggests constriction. The larger quartz grains have evidence of cataclastic grain size reduction and the smaller grains have bulging margins.

Both Tallulah Falls units (gneiss - Ztfg and schist - Ztfs) have inverse pole figures that indicate prism <a> with basal <a> (550 °C - 600 °C, 350 °C - 400 °C) slip (Fig. 34). The pole figures differ somewhat but suggest a simple shear + constriction component. However, the Ztfs pole figure pattern is that of slip on the prism <c> plane (550 °C - 650 °C+). This is a higher temperature than the rest of the pole figures suggest. The quartz texture of both units indicates dynamic recrystallization, but the Ztfs grain boundaries are more aligned and may also suggest grain boundary migration which occurs at a higher temperature.

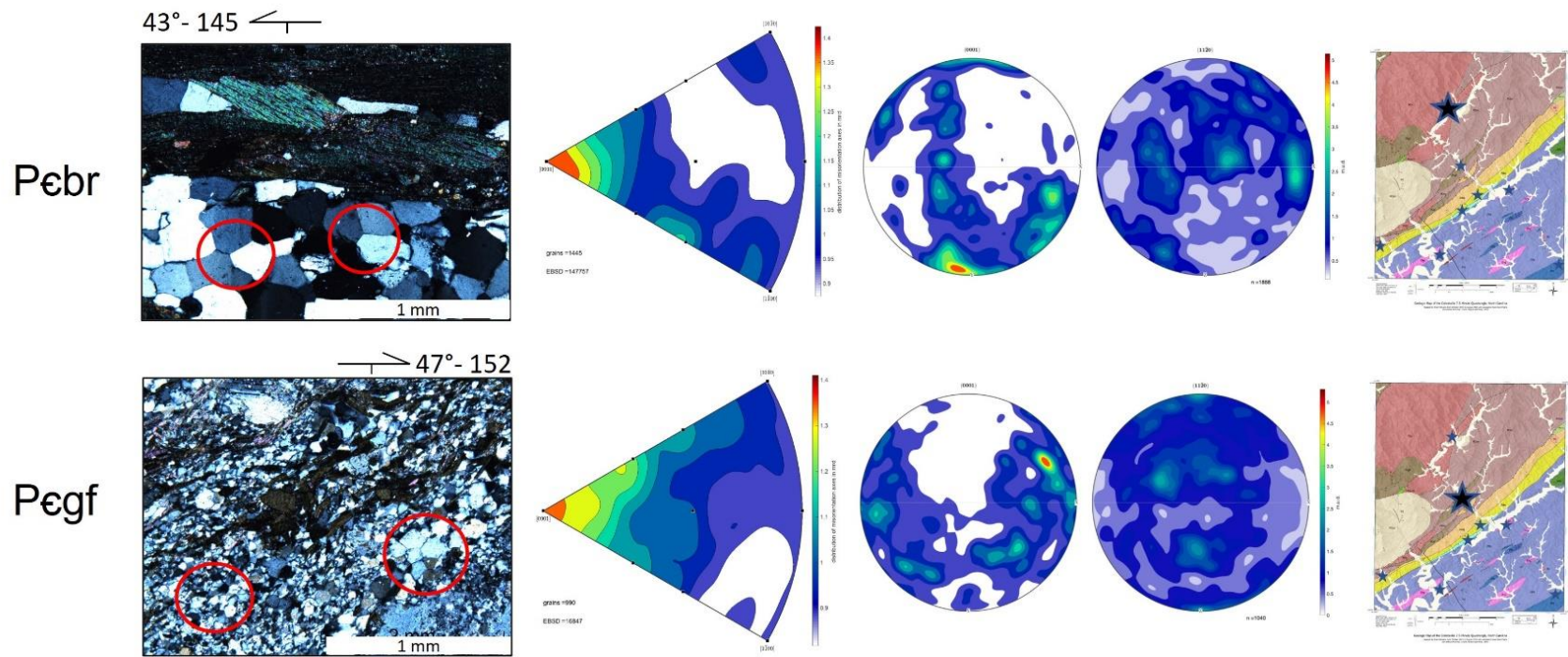


Figure 32. Electron backscatter diffraction (EBSD) pole figures of units northwest of the Brevard Fault zone. Photomicrographs, EBSD pole figures, and location map from left to right of Grenville basement and Rodinia rift related rocks. Upper (Pebr). Blowing rock gneiss – quartz exhibits annealed texture (circled areas in photomicrograph). Center left – inverse pole figure with highest distribution of misorientation axes plotting in prism $\langle a \rangle$ field and a smaller cluster in the rhomb $\langle a \rangle$ field (550 °C - 600 °C and 400° - 500 °C). Center right – CPO pole figure with weak to moderate asymmetry suggesting simple shear + constriction. Lower (Pegf). Grandfather Mountain Formation – felsic volcanic – quartz exhibits crudely annealed texture and recrystallized fine grained ground mass (circled areas in photomicrograph). Center left – inverse pole figure with highest distribution of misorientation axes plotting in prism $\langle a \rangle$. Center right – CPO pole figure does not have a clear pattern but is possibly suggestive of pure shear (Barth et al., 2010; Passchier and Trouw, 2005; Neumann, 2000).

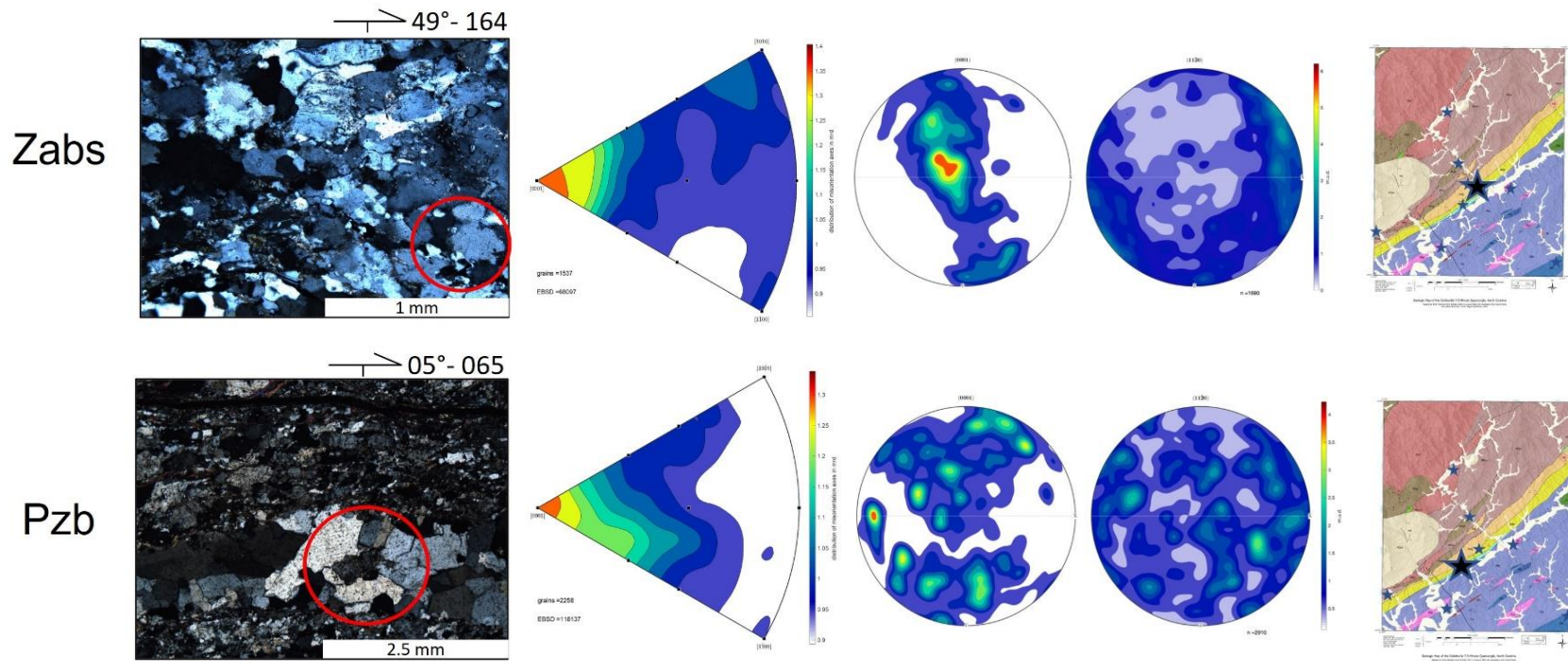


Figure 33. Electron backscatter diffraction pole figures of units within Brevard Fault zone. Photomicrographs, EBSD pole figures, and location map from left to right of Brevard Fault zone mylonites and Alligator Back schist. Upper (Zabs). Alligator Back schist member - quartz has irregular and bulging grain boundaries (circled areas in photomicrograph). The inverse pole figure indicates prism $\langle a \rangle$ slip. The CPO pole figure pattern suggests simple shear + constriction. Lower (Pzb). Brevard Fault zone mylonites – quartz has irregular and bulging grain boundaries. Prism $\langle a \rangle$ slip is also indicated in the inverse pole figure but there is a moderate component of rhomb $\langle a \rangle$ slip (550 °C - 600 °C and 400 °C - 500 °C). The CPO pole figure has a weak cross girdles pattern (lower temperature) that suggest coaxial shear. (Barth et al., 2010; Passchier and Trouw, 2005; Neumann, 2000).

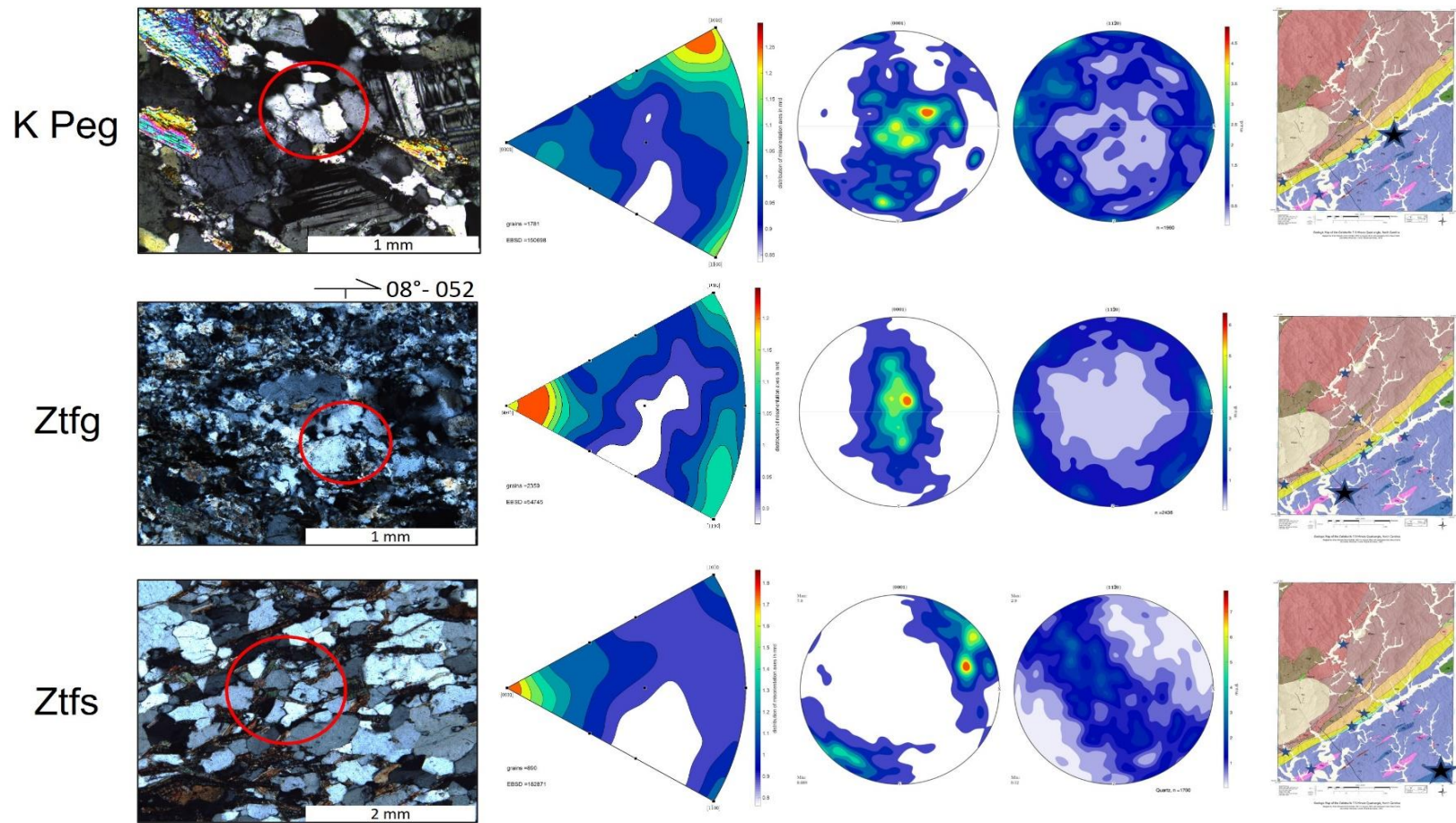


Figure 34. Electron Backscatter Diffraction pole figures of units southeast of Brevard Fault zone. Upper (Kpeg). Pegmatitic granitoid – larger quartz grains are fractured, and smaller grains have irregular and bulging grain boundaries (circled areas in photomicrograph). The inverse pole figure indicates rhomb $\langle a \rangle$ slip. The crossed girdles CPO pole figure pattern suggests simple constriction. Center (Ztfg). Tallulah Falls gneiss – quartz grain boundaries are irregular and bulging grain boundaries with some subgrain rotation. The inverse pole figure indicates prism $\langle a \rangle$ slip with a basal $\langle a \rangle$ overprint. The CPO pole figure suggests simple shear + constriction. Lower (Ztfs). Tallulah Falls schist– quartz has elongated, irregular and bulging grain boundaries. Prism $\langle a \rangle$ slip is also indicated in the inverse pole figure. (550° - 600° C). The CPO pole figure suggests prism $\langle c \rangle$ slip simple shear. (Barth et al., 2010; Passchier and Trouw, 2005; Neumann, 2000).

GEOCHEMISTRY

Geochemical major and trace element analysis can be used to better understand the provenance and lithotectonic evolution of the Tugaloo Terrane. Comparing the ratios of silica (SiO_2), sodium oxide (Na_2O), and potassium oxide (K_2O), rocks can be divided by type (LeBas et al., 1986). Similarly, by comparing full spectrum trace element spider diagrams and ratios of specific trace elements, particularly rubidium (Rb) vs niobium (Nb) plus yttrium (Y), tantalum (Ta) vs ytterbium (Yb), and niobium vs yttrium, the tectonic regime that the rocks were formed in can be deduced (Pearce et al., 1984). Ratios are used to account for fractionation processes in the crust. For example, the fractionation of incompatible versus compatible (fluid mobile vs immobile) elements such as the Large Ion Lithophile elements (LILE) Rb versus High Field Strength elements (HFSE) Nb and Ta (Pearce et al., 1984; Winter, 2015).

Although most of the diagrams used in this study are for granites, the rocks in the study area are felsic to intermediate with the exception of the Tallulah Falls amphibolite member. Furthermore, the Tugaloo and Alligator Back rocks are meta-plutonic, metavolcanic, or metasedimentary rocks that may be derived from igneous rocks. They were undifferentiated when plotted on the diagrams but were not grouped as were the other granitic rocks. The diagrams may constrain the metasedimentary rocks' protolith.

Previous studies have suggested that the Tugaloo Terrane formed as an island arc that was accreted to the Laurentian margin during the Taconic orogeny (e.g., Bream et al., 2004; Farris et al., 2017; Tull et al., 2018). Comparing the geochemical signatures across the Brevard Fault zone can help identify the margin, allowing for a better understanding of the lithotectonic evolution of the Tugaloo Terrane.

Methods

Thirty rock samples representing the major rock units were analyzed for major and trace element contents by ALS Global using XRF and lithium borate fusion - ICP-AES. The major elements were analyzed and graphed in Microsoft Excel for potassium oxide (K_2O) vs silica dioxide (SiO_2) and silica saturation. The trace elements were normalized to mid-ocean ridge basalts (N-Morb) after Klein, 2003 before being analyzed and graphed. Rare earth elements (heavy and light), high field strength elements (HFSE), and large ion lithophile elements (LILE) were plotted on tectonic discrimination diagrams using Rb vs Nb plus Y, Ta vs Yb, and Nb vs Y, and trace and mobile element spider diagrams. See Appendix D for full data set.

Results

Whole rock major and trace element compositions suggest that most of the units are high in potassium and silica (Fig 35). However, Tallulah Falls and Alligator Back rocks range in composition from rhyolitic to basaltic and generally have lower K_2O and SiO_2 than the Laurentian margin rocks. The rift related and Brevard Fault zone rocks plot in the rhyolite series, whereas the Grenville basement plots in the silica saturated, intermediate series. The Alligator Back and Tallulah Falls rocks plot in the silica oversaturated, intermediate series.

Using tectonic discrimination diagrams, the trace element contents suggest that the Laurentian margin rocks are within-plate granites, the Tugaloo Terrane rocks plot as volcanic arc to syn-collisional, and the Alligator Back rocks plot somewhere in between (Fig. 36). Overall, when plotted on full spectrum trace element spider diagrams, the rocks both north and south of the fault zone are enriched LILEs, have a negative Ta and Nb anomaly, and a positive lead (Pb) anomaly (Fig. 37). However, the Tugaloo Terrane rocks have a higher LILE enrichment, less positive Pb anomaly, and a stronger Nb/Ta depletion. The Laurentian margin rocks have high

HREEs and, in particular, the rift related rocks have lower Nb/Ta anomalies. The Alligator Back rocks plot somewhere in between.

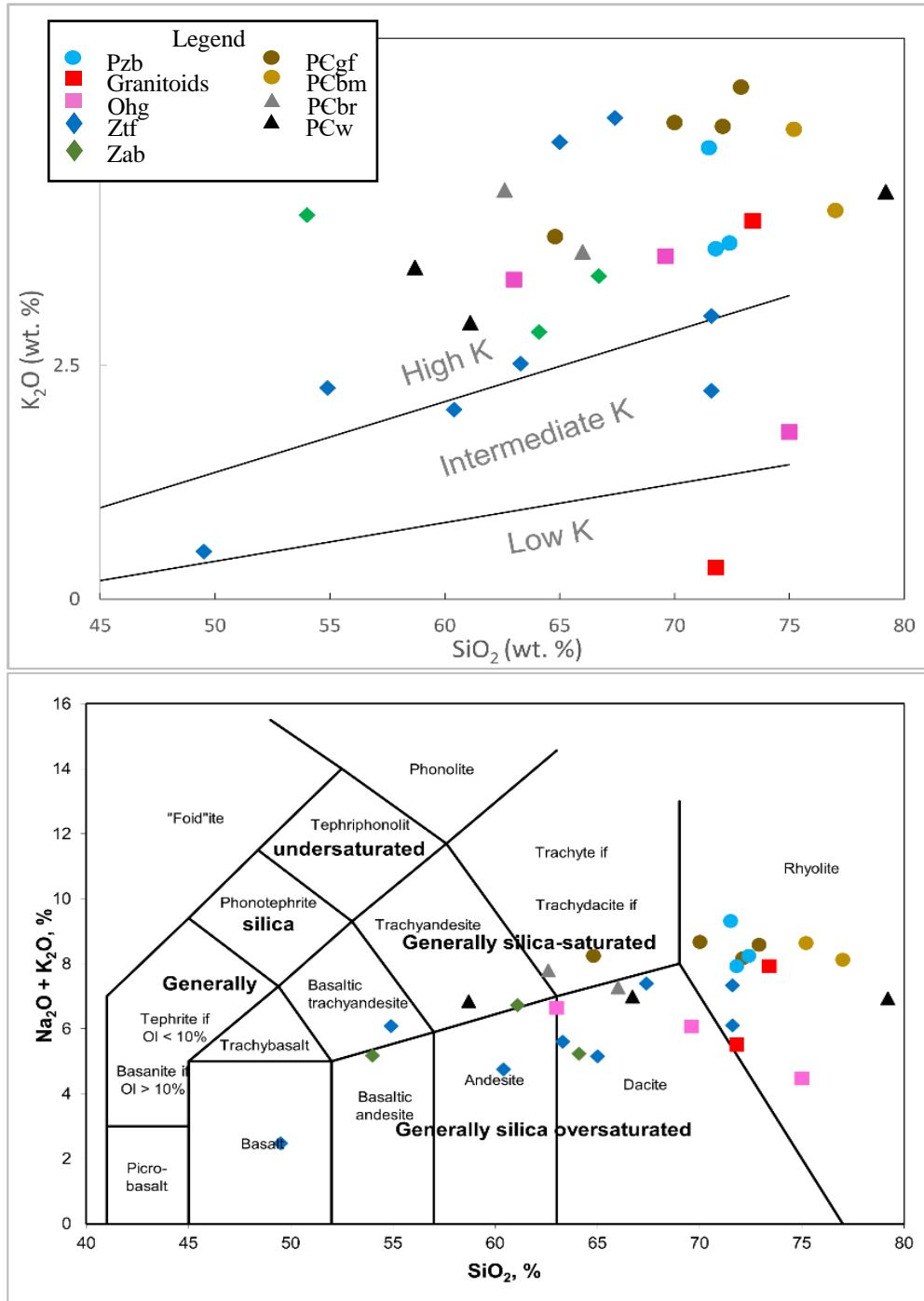


Figure 35. Silica saturation and total alkali charts. Legend in upper left corresponds to both charts. The Laurentian margin/basement rocks – Blowing Rock (Pabr), Wilson Creek (Pawc) and rift related Grandfather Mountain felsic (Pegf), and Brown Mountain (Pebm) plot in high potassium (K) and are felsic (rift rocks) to intermediate. Tallulah Falls (Ztf) and Alligator Back (Zab) rocks range in composition from rhyolitic to basaltic and generally have lower K and silica (SiO₂) than the Laurentian margin rocks. The rift related and Brevard Fault zone (Pzb) rocks are high K and plot in the rhyolite series (After LeBas et al., 1986).

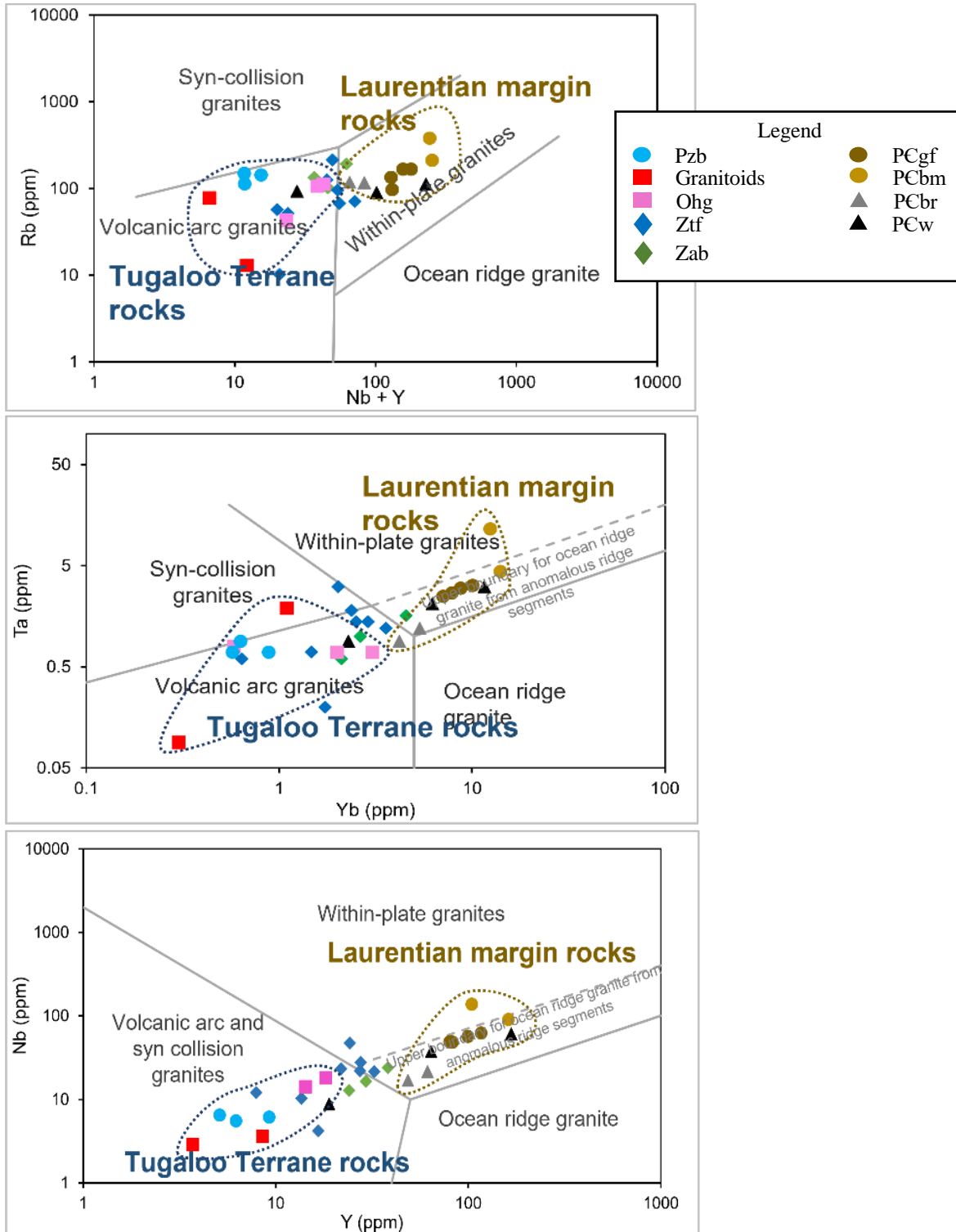


Figure 36. Tectonic discrimination diagrams with Rb vs Nb + Y, Ta vs Yb, and Nb vs Y. The Laurentian margin/basement – (Pcbr) and (Pcw) and rift related rocks – (Pcgf) and (Pcbm) plot as within plate rocks. The Tugaloo Terrane rocks – (Ztf), (Zab), (Ohg), and Brevard Fault zone (Pzb) rocks plot primarily as volcanic arc to syn-collisional (After Pearce et al., 1984).

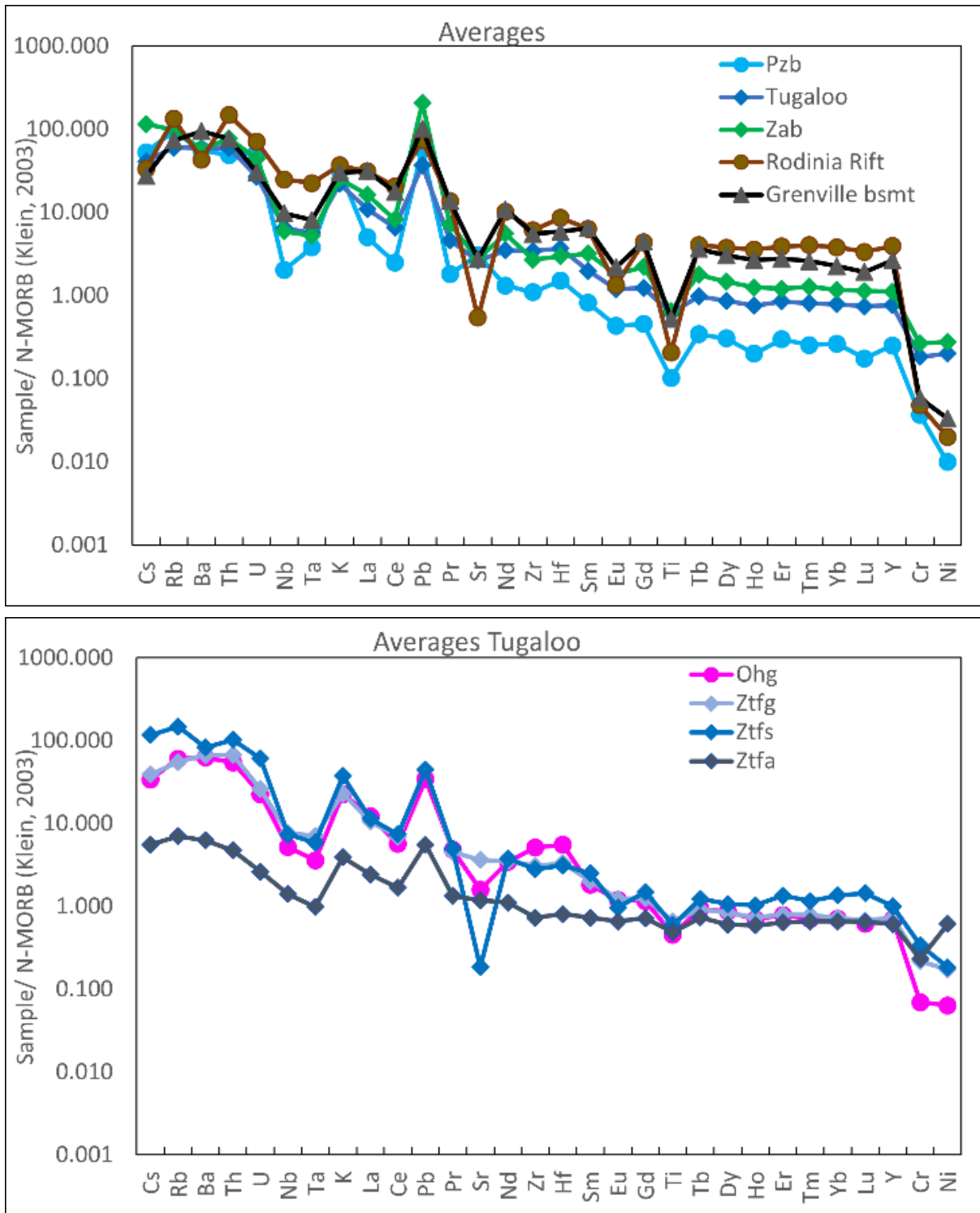


Figure 37. Full spectrum trace element spider diagram. Upper is the average of the major units. Lower is the Tugaloo Terrane averages. The Tugaloo Terrane has the most variability. All of the rocks are generally enriched in LILE, have a Nb and Ta depletion and Pb enrichment. However, Tugaloo rocks have a stronger Nb/Ta depletion and the Laurentian margin rocks have high HREEs.

DISCUSSION

In order to propose that the Brevard Fault zone may represent a terrane boundary between the Laurentian margin and accreted terranes, a terrane must first be defined. Williams and Hatcher (1982) and Ricketts (2019) and others define a terrane as “a fault-bounded block containing rocks that have a distinct geologic history compared with contiguous blocks.” Do the rocks in and adjacent to the Grandfather Mountain window fit this description? Let’s consider the results from each method.

Magnetic anomaly data suggest a magnetic high just north of the Brevard Fault that can be correlated to the Alligator Back Metamorphic suite. Magnetic modeling, while non-unique, supports the separation of accreted rocks from Laurentian margin rocks.

Structurally, the foliation is a similar orientation on either side of the fault zone and generally strikes to the northeast. However, lineations trend down dip to the northwest of the fault zone and subparallel to the strike of foliation within and southeast of the fault zone suggesting a different tectonic history. Furthermore, the mineral assemblages and textures differ across the fault. The mineral assemblage of the rocks northwest of the Brevard fault, particularly the younger rift related rocks, are generally devoid of high temperature minerals and contain relict crystals and textures. In contrast, the rocks to the southeast contain garnet and kyanite, and an amphibolite unit contains quartz and epidote group minerals. Together, these suggest that the rocks in the Tugaloo Terrane underwent metamorphism in the lower amphibolite facies regime. Both sides of the fault zone exhibit evidence of greenschist facies metamorphism with chlorite replacing minerals and/or muscovite and chlorite mantling the porphyroclasts and partially defining the folia. Additionally, the feldspar and large quartz grains show evidence of brittle deformation in the rocks to the

northwest and in the fault zone. In contrast, the rocks to the southeast of the fault zone, with the exception of some rocks near the fault, lack brittle deformation.

Electron backscatter diffraction quartz CPO data suggest that most of the rocks underwent a high temperature (500 °C - 600 °C) and low temperature (350 °C – 400 °C) episode. However, quartz grains have different textures across the fault zone. In the rocks to the northwest, the quartz has an annealed texture in the strain shadows of the fractured porphyroclasts and somewhat throughout the samples. Although this is generally considered a higher temperature (>600 °C) fabric, it could also indicate a slow strain rate potentially due to Alleghenian thrust stacks burying the rocks. In contrast, dynamic recrystallization of quartz with bulging grain boundaries to grain boundary migration dominates the texture of the rocks in and to the southeast of the fault zone. Such a structural change is consistent with the Brevard Fault zone as a rheological boundary between Laurentian margin rocks and accreted terranes.

Whole rock major and trace element geochemical analysis and tectonic discrimination identifies and categorizes units. The geochemical data within the Tugaloo Terrane, in particular the meta-plutonic Henderson gneiss, indicates a volcanic arc and subduction signature with LILE enrichment and a strong Nb/Ta depletion. In contrast, the Laurentian margin signature indicates HREE enrichment and a less negative Nb/Ta anomaly which is suggestive of a rifted continental margin. The Alligator Back Metamorphic Suite plot in between the Laurentian margin and Tugaloo Terrane rocks. This would fit if they were basin rocks that were derived from both tectonic blocks.

Previous workers have reported that outside of the Grandfather Mountain window the rocks are of similar terrane provenance on either side of the Brevard Fault zone (Hatcher, 2001), and that the Gossan Lead / Burnsville Fault (40 km to the northwest of the Brevard Fault zone) is the

terrane boundary and was emplaced during the Taconic or Neocadian (e.g., Trupe et al., 2003; Merschat et al., 2006; Lavine et al., 2018). Both Taconic and Neocadian ages are reported on the Gossan Lead/Burnsville faults and western Tugalo Terrane (e.g., Trupe et al., 2003; Levine et al., 2018; Thigpen et al., 2022). However, the Gossan Lead fault has down dip lineations on either side, indicating one tectonic episode while different structural characteristics on either side of the Brevard Fault zone indicate two tectonic episodes (Levine et al., 2018). Additionally, if the thrusting occurred during the Taconic or Acadian orogenies, it was gently accreted because there is no indication of higher temperature deformation or metamorphic minerals (i.e., amphibolite facies and up) in the Grandfather Mountain Formation meta-volcanic rocks or the Brown Mountain granite in macro or micro scale. In contrast, some of the rift related rocks retain primary textures and Bryant and Reed (1970) report intact primary bedding planes. An alternative interpretation could be that the Gossan lead / Burnsville fault is the leading edge of the thrust sheet over a rheologic boundary or the Brevard Fault zone during the Alleghenian. As Gondwana collided, the incoming terranes were constricted and folded at the Brevard Fault zone until they were thrust up and over the boundary. If the first thrust sheet was the margin of the orogenic channel, the ages would be primarily Taconic and the second thrust stack would be the core and would have Acadian – Neocadian ages with Alleghenian overprint.

CONCLUSION

Structural, geochemical, and rheological differences across the Brevard Fault zone indicate a long history with multiple phases of fault reactivation and imply that the fault zone is a terrane bounding feature adjacent to the Grandfather Mountain Window, NC.

Foliation has a similar orientation on either side of the Brevard Fault zone (BFZ). The lineation is sub-parallel to strike along and to the southeast of the fault zone while it is down-dip to the northwest. The potassium feldspar porphyroclasts are fractured to the northwest and rounded to the southeast. Furthermore, the quartz texture suggests that the units on either side of the fault zone underwent a different temperature/time history with dynamic recrystallization to the southeast and static recrystallization to the northwest. The metamorphic mineral assemblage indicates that the units to the southeast experienced lower amphibolite facies metamorphism with a greenschist facies overprint. The mineral assemblages of the rocks to the northwest of the BFZ primarily suggest greenschist facies metamorphism, particularly the rift related rocks. Additionally, trace element geochemistry is able to distinguish the rocks on either side of the fault zone. The Laurentian margin rocks plot as within plate and the Tugaloo Terrane rocks suggest a volcanic arc to syn-collisional provenance.

Overall, evidence from this study indicates at least two episodes of deformation and movement along the Brevard Fault zone. An earlier Neocadian (~360 – 345 Ma) phase in which the Laurentian margin adjacent to the Grandfather Mountain window acted as a rheological barrier against which the accreted Tugaloo Terrane was constricted resulting in transpression and channel flow. This is expressed as higher temperature (500-600 C) deformation features and a pervasive horizontal lineation. The second phase of deformation occurred in the Late Neocadian to Alleghanian with northwestward directed thrusting and is expressed by a down dip lineation, brittle

feldspar behavior and a lower temperature (300-400 C) overprint in quartz deformation structures. Regardless of timing, the Brevard Fault zone meets the definition of a terrane boundary adjacent to the Grandfather Mountain window, NC. However, outside of the window, other interpretations must be considered, and more work needs to be done to reconcile the lithotectonic history of the BFZ and Tugaloo Terrane along its entire extent.

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APPENDIX A. Magnetic Susceptibility

Station #	Latitude	Longitude	Location w/Regard to BFZ	Rock Unit	Average Magnetic Susceptibility (10 ⁻³)	Average Magnetic Susceptibility σ (10 ⁻³)
21CL007	35.86946	-81.66283 S		Ztfs	6.174	1.840
21CI100	35.87609	-81.73794 S		Ohg	0.055	0.080
21CL040	35.88007	-81.62282 S		Ztfs	-0.008	0.049
21CL030	35.88218	-81.61885 S		Ztfs	0.002	0.002
21CI107-A	35.88402	-81.70370 S		Ztfg	25.560	8.767
21CI106	35.88444	-81.70302 S		Ztfg	0.242	0.073
21CL012	35.88463	-81.70712 S		Ztfg	0.164	0.021
21CL041	35.88507	-81.61713 S		Ztfs	0.209	0.078
21CL009	35.88565	-81.69040 S		Ohg	0.260	0.039
21CL008	35.88568	-81.69028 S		Ztfg	0.319	0.121
21CL010	35.88602	-81.69222 S		Ztfg	16.600	6.082
21CL011	35.88644	-81.69257 S		Ztfs	0.050	0.032
21CL042	35.88691	-81.61732 S		Ztfa	0.048	0.026
21CL042	35.88691	-81.61732 S		Ztfs	0.048	0.026
21CL013-B	35.88820	-81.71146 S		Ztfa	0.873	0.620
21CL013-A	35.88820	-81.71146 S		Ztfg	0.873	0.620
21CL043	35.88923	-81.62219 S		Ztfs	0.073	0.006
21CL044	35.89029	-81.63174 S		Ztfs	0.013	0.006
21CI070	35.89076	-81.73803 A		Pzb	-0.010	0.007
21CI069	35.89164	-81.73911 A		Zabs	0.208	0.104
21CL014	35.89164	-81.71412 S		Ztfg	0.162	0.026
21CI056-A	35.89347	-81.74161 A		Zabs	7.922	4.869
21CI056-B	35.89347	-81.74161 A		Zabs	2.141	2.684
21CL045	35.89352	-81.63573 S		Ztfa	0.637	0.518

Station #	Latitude	Longitude	Location w/Regard to BFZ	Rock Unit	Average Magnetic Susceptibility (10⁻³)	Average Magnetic Susceptibility σ (10⁻³)
21CL045	35.89352	-81.63573 S		Ztfa	0.637	0.518
21CI055	35.89399	-81.74227 N		Zabg	4.851	4.837
21CL015	35.89553	-81.71253 S		Ztfg	0.190	0.031
21CL046	35.89649	-81.63892 S		Ztfg	0.088	0.041
21CI095	35.89729	-81.74083 N		Pew	8.396	5.275
21CL037	35.89736	-81.75723 N		Pebm	0.009	0.013
21CL047-B	35.89808	-81.63954 S		Aplite	-0.009	0.007
21CL047-A	35.89808	-81.63954 S		Granitoid	0.005	0.025
21CL005	35.89840	-81.74629 N		Pebm	2.263	0.104
21CL038	35.89855	-81.75465 N		Pebm	3.793	0.251
21CL006	35.89906	-81.74676 N		Pebm	1.420	0.439
21CI094	35.89960	-81.73999 N		Pebr	0.076	0.029
21CL048	35.90112	-81.63956 S		Ztfg	0.211	0.142
21CL049	35.90279	-81.64050 S		Ztfg	0.055	0.021
21CL016	35.90746	-81.72546 N		Pebr	12.242	7.745
21CI084	35.90810	-81.69926 S		Ztfs	0.105	0.062
21CL017-B	35.91025	-81.72697 N		Pebm	3.203	1.540
21CL017-A	35.91025	-81.72697 N		Pebm	0.268	0.042
21CI083	35.91028	-81.70033 A		Zabs	0.085	0.059
21CL018	35.91154	-81.72714 N		Pew	4.520	0.000
21CL021	35.91219	-81.69080 A		Pzb	0.010	0.007
21CL039	35.91224	-81.69071 A		Pzb	-0.025	0.019
21CI081	35.91253	-81.70366 N		Zabg	7.400	4.429
21CI080	35.91461	-81.70832 N		Pegf	0.659	0.320

Station #	Latitude	Longitude	Location w/Regard to BFZ	Rock Unit	Average Magnetic Susceptibility (10 ⁻³)	Average Magnetic Susceptibility σ (10 ⁻³)
21CL022	35.91928	-81.67612 S		Ztfg	0.114	0.028
21CI079	35.92026	-81.70656 N		Pegf	9.533	0.487
21CL051	35.92067	-81.64578 S		Ohg	0.214	0.029
21CL052	35.92106	-81.64809 S		Ohg	3.301	3.074
21CI103	35.92233	-81.68080 A		Zabs	4.425	4.151
21CI102	35.92276	-81.68330 A		Zabs	1.113	0.834
21CL050	35.92292	-81.63300 S		Ztfg	0.166	0.093
21CL029	35.92357	-81.66458 S		Pegmatite	0.011	0.005
21CL053	35.92421	-81.62765 S		Ztfg	0.080	0.028
21CL019	35.92498	-81.73338 N		Pebm	6.610	1.659
21CI105	35.92527	-81.67311 A		Pzb	0.381	0.349
21CI096	35.92675	-81.65938 S		Ztfg	0.047	0.022
21CI077	35.92712	-81.71285 N		Pegf	0.377	0.236
21CL031	35.93106	-81.68510 N		Pew	0.126	0.014
21CL032-A	35.93194	-81.68741 N		Pew	0.110	0.034
21CL032-B	35.93194	-81.68741 N		Pew	0.034	0.040
21CI076	35.93539	-81.71809 N		Pebm	0.347	0.260
21CL023	35.93645	-81.68133 N		Pew	0.022	0.018
21CI075	35.93754	-81.71991 N		Pebr	0.041	0.028
21CL033-A	35.93770	-81.69280 N		Pegf	0.959	0.624
21CI074	35.93831	-81.71998 N		Pebr	0.071	0.074
21CL034	35.93833	-81.69407 N		Pegf	11.490	5.116
21CI065-B	35.93837	-81.69547 N		Mafic dike	0.072	0.074
21CL026-A	35.94055	-81.64195 S		Ztfg	0.145	0.006

Station #	Latitude	Longitude	Location w/Regard to BFZ	Rock Unit	Average Magnetic Susceptibility (10⁻³)	Average Magnetic Susceptibility σ (10⁻³)
21CL026-B	35.94055	-81.64195 S		Ztfg	0.080	0.052
21CL020	35.94176	-81.74648 N		Pegf	0.562	0.185
21CL054-A	35.94177	-81.61153 S		Ztfg	10.245	3.985
21CL027	35.94196	-81.64249 S		Ztfs	0.175	0.025
21CL028-A	35.94225	-81.64201 S		Ztfs	0.270	0.066
21CL028-B	35.94225	-81.64201 S		Ztfs	0.255	0.036
21CI058	35.94513	-81.70172 N		Pew	0.089	0.067
21CI098	35.94593	-81.75323 N		Pegf	5.238	0.209
21CI097	35.94919	-81.75643 N		Pegf	4.008	1.760
21CI059	35.94979	-81.70374 N		Pebr	-0.029	0.066
21CL024	35.95150	-81.67797 N		Pew	0.075	0.027
21CI073-A	35.95422	-81.70736 N		Pebr	0.091	0.032
21CI073-B	35.95422	-81.70736 N		Pebr	-0.005	0.091
21CI073-C	35.95422	-81.70736 N		Pebr	0.092	0.093
21CI104	35.95545	-81.62041 S		Ztfa	0.041	0.018
21CI072	35.96275	-81.70725 N		Pegf/gvm	-0.023	0.000
21CI093	35.96460	-81.62686 A		Zabs	0.214	0.144
21CI071	35.96514	-81.70631 N		Pegf/gvm	0.306	0.152
21CI092	35.96585	-81.62872 A		Zabs	0.227	0.096
21CI067	35.96598	-81.70668 N		Pebr	0.042	0.033
21CI091	35.96797	-81.63176 N		Contact - Zabg/Peb	0.350	0.039
21CI064	35.96830	-81.69390 N		Pebm	-0.028	0.009
21CI065-A	35.96837	-81.69547 N		Pebm	-0.020	0.009
21CI063	35.96931	-81.69310 N		Pebm	-0.018	0.008

Station #	Latitude	Longitude	Location w/Regard to BFZ	Rock Unit	Average Magnetic Susceptibility (10⁻³)	Average Magnetic Susceptibility σ (10⁻³)
21CI090-B	35.97154	-81.63299 N		Zabg	10.240	3.891
21CI062	35.97167	-81.69092 N		Contact - Granitoid	0.011	0.020
21CI090-A	35.97186	-81.63302 N		Contact - Muscovit	-0.004	0.038
21CI089	35.97281	-81.63345 N		Ztfs	0.066	0.060
21CI088	35.97525	-81.63464 N		Pew	0.025	0.013
21CI087	35.97688	-81.63461 N		Pew	0.395	0.416
21CI061	35.97906	-81.68405 N		Pew	0.072	0.033
21CI060-A	35.97960	-81.68140 N		Pew	0.006	0.019
21CI060-B	35.97960	-81.68140 N		Pew	0.036	0.028
21CL025	35.98226	-81.68023 N		Pew	0.102	0.053
21CI086	35.98494	-81.63988 N		Pewcl	0.002	0.021
21CL035	35.98816	-81.67699 N		Pew	1.559	1.324

APPENDIX B. Local Magnetic Anomaly Data

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Magnetic Field		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Total (nT)	Running Average (nT)			
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	0.0	49640.93	49705.19	-64.26	67.03	
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	0.0	49642.32	49705.19	-62.87	66.20	
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	0.0	49643.14	49705.19	-62.05	66.78	
Jan 5 2022	-81.71086	35.95859	63.55	-7.4	435897.84	3979588.73	0.0	49642.93	49705.19	-62.26	62.39	
Jan 5 2022	-81.71086	35.95858	63.55	-7.4	435897.92	3979588.20	0.5	49642.74	49705.19	-62.46	70.02	
Jan 5 2022	-81.71085	35.95857	63.55	-7.4	435898.61	3979586.82	2.1	49646.33	49705.18	-58.85	70.85	
Jan 5 2022	-81.71084	35.95855	63.55	-7.4	435899.58	3979585.04	4.1	49646.27	49705.16	-58.89	70.05	
Jan 5 2022	-81.71083	35.95854	63.55	-7.4	435900.35	3979583.80	5.5	49647.32	49705.15	-57.83	68.25	
Jan 5 2022	-81.71082	35.95853	63.55	-7.4	435901.14	3979582.72	6.9	49649.25	49705.14	-55.90	65.92	
Jan 5 2022	-81.71082	35.95852	63.55	-7.4	435901.78	3979581.57	8.2	49652.89	49705.14	-52.25	63.37	
Jan 5 2022	-81.71081	35.95852	63.55	-7.4	435902.53	3979580.77	9.2	49658.76	49705.14	-46.37	60.86	
Jan 5 2022	-81.71080	35.95851	63.55	-7.4	435903.61	3979580.19	10.3	49665.96	49705.14	-39.19	58.29	
Jan 5 2022	-81.71078	35.95851	63.55	-7.4	435904.80	3979579.96	11.2	49666.22	49705.15	-38.93	55.56	
Jan 5 2022	-81.71077	35.95850	63.55	-7.4	435905.88	3979579.51	12.2	49661.63	49705.15	-43.52	52.64	
Jan 5 2022	-81.71076	35.95850	63.55	-7.4	435906.90	3979579.09	13.2	49656.73	49705.15	-48.42	49.52	
Jan 5 2022	-81.71075	35.95850	63.55	-7.4	435908.00	3979578.76	14.2	49653.29	49705.14	-51.85	46.23	
Jan 5 2022	-81.71073	35.95849	63.55	-7.4	435909.15	3979578.06	15.6	49649.16	49705.14	-55.98	42.95	
Jan 5 2022	-81.71072	35.95849	63.55	-7.4	435910.26	3979577.32	16.9	49644.83	49705.13	-60.31	39.77	
Jan 5 2022	-81.71071	35.95848	63.55	-7.4	435911.62	3979576.74	18.3	49643.69	49705.13	-61.44	36.45	
Jan 5 2022	-81.71069	35.95848	63.55	-7.4	435913.06	3979576.15	19.7	49646.94	49705.13	-58.18	33.14	
Jan 5 2022	-81.71068	35.95847	63.55	-7.4	435914.26	3979575.52	21.1	49652.07	49705.12	-53.05	29.91	
Jan 5 2022	-81.71067	35.95846	63.55	-7.4	435915.32	3979574.87	22.3	49658.96	49705.13	-46.17	26.83	
Jan 5 2022	-81.71066	35.95846	63.55	-7.4	435916.17	3979574.07	23.5	49665.45	49705.12	-39.67	23.91	
Jan 5 2022	-81.71064	35.95845	63.55	-7.4	435917.17	3979573.31	24.7	49667.03	49705.11	-38.09	21.15	
Jan 5 2022	-81.71063	35.95844	63.55	-7.4	435918.49	3979572.57	26.2	49670.58	49705.10	-34.52	18.72	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71061	35.95844	63.55	-7.4	435919.96	3979571.81	27.9	49675.67	49705.09	-29.42	16.33
Jan 5 2022	-81.71060	35.95843	63.55	-7.4	435921.24	3979571.37	29.1	49676.74	49705.10	-28.35	13.82
Jan 5 2022	-81.71058	35.95843	63.55	-7.4	435922.59	3979571.45	30.2	49676.55	49705.10	-28.55	11.33
Jan 5 2022	-81.71057	35.95844	63.55	-7.4	435924.07	3979571.66	31.3	49675.09	49705.10	-30.02	8.87
Jan 5 2022	-81.71055	35.95844	63.55	-7.4	435925.37	3979571.62	32.4	49674.24	49705.11	-30.87	6.46
Jan 5 2022	-81.71054	35.95843	63.55	-7.4	435926.73	3979571.20	33.8	49673.88	49705.11	-31.24	4.08
Jan 5 2022	-81.71053	35.95843	63.55	-7.4	435927.93	3979570.51	35.2	49671.84	49705.11	-33.27	1.65
Jan 5 2022	-81.71051	35.95842	63.55	-7.4	435928.98	3979569.77	36.5	49667.31	49705.11	-37.80	-0.86
Jan 5 2022	-81.71050	35.95841	63.55	-7.4	435930.00	3979568.87	37.8	49663.22	49705.10	-41.88	-3.42
Jan 5 2022	-81.71049	35.95840	63.55	-7.4	435931.20	3979568.16	39.2	49661.20	49705.10	-43.90	-6.01
Jan 5 2022	-81.71048	35.95840	63.55	-7.4	435932.43	3979567.43	40.6	49666.79	49705.10	-38.32	-8.49
Jan 5 2022	-81.71046	35.95839	63.55	-7.4	435933.50	3979566.77	41.9	49699.66	49705.10	-5.44	-10.34
Jan 5 2022	-81.71045	35.95839	63.55	-7.4	435934.58	3979566.24	43.1	49745.89	49705.09	40.80	-11.31
Jan 5 2022	-81.71044	35.95838	63.55	-7.4	435935.75	3979565.57	44.4	49740.22	49705.08	35.13	-12.42
Jan 5 2022	-81.71043	35.95838	63.55	-7.4	435936.91	3979565.05	45.7	49712.37	49705.08	7.29	-14.11
Jan 5 2022	-81.71041	35.95837	63.55	-7.4	435938.03	3979564.64	46.9	49694.31	49705.08	-10.78	-16.24
Jan 5 2022	-81.71040	35.95837	63.55	-7.4	435939.08	3979563.93	48.1	49685.23	49705.08	-19.84	-18.59
Jan 5 2022	-81.71039	35.95836	63.55	-7.4	435939.86	3979562.91	49.3	49682.90	49705.07	-22.17	-21.03
Jan 5 2022	-81.71038	35.95835	63.55	-7.4	435940.80	3979562.02	50.6	49681.86	49705.06	-23.20	-23.47
Jan 5 2022	-81.71037	35.95834	63.55	-7.4	435942.14	3979561.08	52.2	49679.93	49705.05	-25.12	-25.95
Jan 5 2022	-81.71035	35.95834	63.55	-7.4	435943.68	3979560.44	53.9	49679.44	49705.04	-25.60	-28.40
Jan 5 2022	-81.71033	35.95833	63.55	-7.4	435945.08	3979560.06	55.3	49678.09	49705.04	-26.96	-30.78
Jan 5 2022	-81.71032	35.95833	63.55	-7.4	435946.46	3979559.65	56.7	49676.91	49705.04	-28.13	-33.06
Jan 5 2022	-81.71030	35.95832	63.55	-7.4	435947.96	3979559.17	58.2	49676.52	49705.04	-28.51	-35.14
Jan 5 2022	-81.71029	35.95832	63.55	-7.4	435949.20	3979558.63	59.5	49676.61	49705.03	-28.42	-36.96

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71028	35.95831	63.55	-7.4	435950.29	3979558.04	60.8	49676.56	49705.03	-28.47	-36.28
Jan 5 2022	-81.71026	35.95831	63.55	-7.4	435951.38	3979557.22	62.1	49674.84	49705.03	-30.18	-35.64
Jan 5 2022	-81.71025	35.95830	63.55	-7.4	435952.49	3979556.53	63.4	49673.35	49705.03	-31.68	-35.02
Jan 5 2022	-81.71024	35.95829	63.55	-7.4	435953.62	3979555.74	64.8	49671.98	49705.02	-33.04	-34.40
Jan 5 2022	-81.71023	35.95829	63.55	-7.4	435954.79	3979554.85	66.3	49670.11	49705.01	-34.90	-33.84
Jan 5 2022	-81.71021	35.95828	63.55	-7.4	435955.85	3979554.06	67.6	49665.27	49705.01	-39.74	-33.46
Jan 5 2022	-81.71020	35.95827	63.55	-7.4	435957.00	3979553.19	69.0	49656.78	49705.00	-48.22	-33.25
Jan 5 2022	-81.71019	35.95826	63.55	-7.4	435958.23	3979552.45	70.5	49645.47	49705.00	-59.53	-33.28
Jan 5 2022	-81.71017	35.95826	63.55	-7.4	435959.47	3979551.75	71.9	49623.15	49704.99	-81.85	-33.80
Jan 5 2022	-81.71016	35.95825	63.55	-7.4	435960.53	3979550.85	73.2	49600.79	49704.99	-104.20	-34.84
Jan 5 2022	-81.71015	35.95824	63.55	-7.4	435961.31	3979550.12	74.3	49604.75	49704.99	-100.23	-35.92
Jan 5 2022	-81.71015	35.95824	63.55	-7.4	435962.05	3979549.75	75.1	49619.07	49704.98	-85.91	-36.85
Jan 5 2022	-81.71014	35.95824	63.55	-7.4	435962.73	3979549.38	75.9	49629.12	49704.97	-75.85	-37.59
Jan 5 2022	-81.71013	35.95823	63.55	-7.4	435963.53	3979548.76	76.9	49640.79	49704.97	-64.18	-38.00
Jan 5 2022	-81.71012	35.95823	63.55	-7.4	435964.50	3979548.17	78.0	49656.77	49704.96	-48.19	-38.00
Jan 5 2022	-81.71011	35.95822	63.55	-7.4	435965.62	3979547.50	79.3	49668.88	49704.96	-36.08	-37.68
Jan 5 2022	-81.71009	35.95821	63.55	-7.4	435966.82	3979546.56	80.8	49676.44	49704.96	-28.52	-37.14
Jan 5 2022	-81.71008	35.95820	63.55	-7.4	435967.89	3979545.75	82.2	49680.76	49704.96	-24.20	-36.41
Jan 5 2022	-81.71007	35.95820	63.55	-7.4	435968.66	3979544.99	83.2	49683.20	49704.96	-21.75	-35.62
Jan 5 2022	-81.71006	35.95819	63.55	-7.4	435969.43	3979544.40	84.2	49685.65	49704.94	-19.29	-34.84
Jan 5 2022	-81.71005	35.95819	63.55	-7.4	435970.50	3979543.75	85.5	49686.10	49704.93	-18.83	-34.16
Jan 5 2022	-81.71004	35.95818	63.55	-7.4	435971.83	3979543.05	87.0	49686.36	49704.93	-18.57	-33.61
Jan 5 2022	-81.71002	35.95817	63.55	-7.4	435973.22	3979542.13	88.6	49687.12	49704.92	-17.80	-33.17
Jan 5 2022	-81.71001	35.95816	63.55	-7.4	435974.44	3979540.89	90.3	49687.21	49704.91	-17.70	-32.76
Jan 5 2022	-81.70999	35.95815	63.55	-7.4	435975.55	3979539.80	91.8	49686.79	49704.90	-18.11	-32.43

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70998	35.95814	63.55	-7.4	435976.65	3979538.91	93.2	49687.56	49704.90	-17.33	-32.19
Jan 5 2022	-81.70997	35.95814	63.55	-7.4	435977.66	3979537.99	94.6	49687.53	49704.89	-17.36	-31.97
Jan 5 2022	-81.70996	35.95813	63.55	-7.4	435978.36	3979536.96	95.7	49686.25	49704.89	-18.64	-31.77
Jan 5 2022	-81.70996	35.95812	63.55	-7.4	435979.08	3979535.94	96.9	49682.44	49704.89	-22.44	-31.62
Jan 5 2022	-81.70995	35.95811	63.55	-7.4	435979.85	3979534.93	98.1	49677.47	49704.89	-27.42	-31.55
Jan 5 2022	-81.70994	35.95810	63.55	-7.4	435980.69	3979533.98	99.3	49671.27	49704.88	-33.61	-31.60
Jan 5 2022	-81.70993	35.95809	63.55	-7.4	435981.72	3979532.95	100.7	49664.65	49704.88	-40.22	-31.74
Jan 5 2022	-81.70992	35.95808	63.55	-7.4	435982.36	3979531.90	101.9	49658.77	49704.87	-46.10	-31.90
Jan 5 2022	-81.70991	35.95807	63.55	-7.4	435983.24	3979530.64	103.3	49659.85	49704.85	-45.00	-31.97
Jan 5 2022	-81.70990	35.95806	63.55	-7.4	435984.44	3979529.37	105.0	49669.65	49704.85	-35.19	-31.79
Jan 5 2022	-81.70988	35.95805	63.55	-7.4	435985.38	3979528.57	106.2	49675.43	49704.84	-29.42	-31.62
Jan 5 2022	-81.70988	35.95804	63.55	-7.4	435986.16	3979527.73	107.3	49674.10	49704.84	-30.74	-32.12
Jan 5 2022	-81.70987	35.95803	63.55	-7.4	435986.66	3979526.45	108.5	49663.12	49704.84	-41.72	-33.77
Jan 5 2022	-81.70987	35.95802	63.55	-7.4	435986.82	3979524.79	109.6	49661.73	49704.82	-43.10	-35.34
Jan 5 2022	-81.70987	35.95800	63.55	-7.4	435986.87	3979522.97	110.7	49662.30	49704.81	-42.51	-36.33
Jan 5 2022	-81.70986	35.95799	63.55	-7.4	435987.24	3979521.41	111.9	49664.75	49704.80	-40.05	-36.92
Jan 5 2022	-81.70986	35.95797	63.55	-7.4	435987.46	3979519.85	113.0	49663.73	49704.79	-41.06	-37.34
Jan 5 2022	-81.70986	35.95796	63.55	-7.4	435987.46	3979518.34	114.0	49658.50	49704.79	-46.30	-37.82
Jan 5 2022	-81.70986	35.95795	63.55	-7.4	435987.75	3979516.85	115.1	49672.94	49704.79	-31.85	-38.00
Jan 5 2022	-81.70985	35.95793	63.55	-7.4	435988.21	3979515.39	116.4	49714.46	49704.78	9.68	-37.30
Jan 5 2022	-81.70985	35.95792	63.55	-7.4	435988.47	3979514.07	117.4	49664.76	49704.78	-40.01	-37.59
Jan 5 2022	-81.70985	35.95791	63.55	-7.4	435988.50	3979512.75	118.3	49649.10	49704.77	-55.67	-38.16
Jan 5 2022	-81.70985	35.95790	63.55	-7.4	435988.44	3979511.29	119.2	49643.22	49704.76	-61.54	-38.83
Jan 5 2022	-81.70985	35.95788	63.55	-7.4	435988.46	3979509.76	120.2	49643.20	49704.75	-61.54	-39.49
Jan 5 2022	-81.70985	35.95787	63.55	-7.4	435988.71	3979508.41	121.3	49648.64	49704.73	-56.09	-40.05

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70984	35.95786	63.55	-7.4	435988.98	3979507.12	122.3	49656.92	49704.72	-47.80	-40.43
Jan 5 2022	-81.70984	35.95785	63.55	-7.4	435989.01	3979505.88	123.2	49663.42	49704.71	-41.29	-40.65
Jan 5 2022	-81.70984	35.95783	63.55	-7.4	435988.87	3979504.56	124.0	49668.29	49704.71	-36.42	-40.75
Jan 5 2022	-81.70984	35.95782	63.55	-7.4	435988.81	3979503.28	124.8	49671.94	49704.71	-32.77	-40.74
Jan 5 2022	-81.70984	35.95781	63.55	-7.4	435988.80	3979502.23	125.5	49674.36	49704.71	-30.34	-40.65
Jan 5 2022	-81.70985	35.95780	63.55	-7.4	435988.78	3979501.08	126.3	49675.13	49704.69	-29.57	-40.45
Jan 5 2022	-81.70984	35.95779	63.55	-7.4	435988.96	3979499.81	127.3	49675.20	49704.68	-29.48	-40.07
Jan 5 2022	-81.70984	35.95778	63.55	-7.4	435989.05	3979498.56	128.3	49676.72	49704.68	-27.96	-39.44
Jan 5 2022	-81.70985	35.95777	63.55	-7.4	435988.69	3979497.31	128.9	49677.15	49704.68	-27.53	-38.36
Jan 5 2022	-81.70985	35.95775	63.55	-7.4	435988.04	3979495.68	129.6	49677.19	49704.67	-27.48	-36.82
Jan 5 2022	-81.70986	35.95774	63.55	-7.4	435987.25	3979493.85	130.4	49676.81	49704.65	-27.84	-35.37
Jan 5 2022	-81.70987	35.95772	63.55	-7.4	435986.65	3979492.35	131.1	49677.81	49704.64	-26.82	-34.19
Jan 5 2022	-81.70987	35.95771	63.55	-7.4	435986.17	3979490.90	131.8	49677.35	49704.63	-27.27	-33.22
Jan 5 2022	-81.70988	35.95770	63.55	-7.4	435985.67	3979489.73	132.3	49676.75	49704.61	-27.86	-32.49
Jan 5 2022	-81.70988	35.95769	63.55	-7.4	435985.10	3979488.61	132.8	49676.02	49704.61	-28.58	-32.10
Jan 5 2022	-81.70989	35.95768	63.55	-7.4	435984.49	3979487.34	133.4	49677.41	49704.60	-27.19	-31.92
Jan 5 2022	-81.70990	35.95767	63.55	-7.4	435983.88	3979486.09	133.9	49675.18	49704.59	-29.42	-31.94
Jan 5 2022	-81.70990	35.95766	63.55	-7.4	435983.26	3979484.87	134.5	49672.87	49704.59	-31.72	-32.09
Jan 5 2022	-81.70991	35.95765	63.55	-7.4	435982.83	3979483.74	135.1	49673.19	49704.58	-31.39	-32.29
Jan 5 2022	-81.70991	35.95764	63.55	-7.4	435982.35	3979482.55	135.7	49674.60	49704.57	-29.97	-32.50
Jan 5 2022	-81.70992	35.95762	63.55	-7.4	435981.54	3979481.29	136.2	49673.06	49704.57	-31.51	-32.75
Jan 5 2022	-81.70993	35.95761	63.55	-7.4	435980.63	3979479.88	136.8	49671.73	49704.56	-32.83	-33.04
Jan 5 2022	-81.70994	35.95760	63.55	-7.4	435979.71	3979478.48	137.3	49668.30	49704.55	-36.25	-33.41
Jan 5 2022	-81.70995	35.95759	63.55	-7.4	435978.84	3979477.20	137.8	49671.21	49704.53	-33.33	-33.72
Jan 5 2022	-81.70996	35.95758	63.55	-7.4	435977.97	3979476.11	138.2	49692.01	49704.52	-12.51	-33.61

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70997	35.95757	63.55	-7.4	435977.09	3979475.08	138.6	49674.50	49704.51	-30.01	-33.86
Jan 5 2022	-81.70998	35.95756	63.55	-7.4	435976.38	3979474.11	138.9	49671.91	49704.51	-32.60	-34.17
Jan 5 2022	-81.70999	35.95755	63.55	-7.4	435975.56	3979473.13	139.3	49673.09	49704.50	-31.42	-34.42
Jan 5 2022	-81.71000	35.95754	63.55	-7.4	435974.86	3979472.12	139.7	49672.67	49704.50	-31.82	-34.61
Jan 5 2022	-81.71000	35.95753	63.55	-7.4	435974.26	3979471.19	140.2	49672.61	49704.49	-31.88	-34.70
Jan 5 2022	-81.71001	35.95752	63.55	-7.4	435973.56	3979470.08	140.8	49672.86	49704.48	-31.62	-34.66
Jan 5 2022	-81.71002	35.95751	63.55	-7.4	435973.05	3979468.77	141.6	49672.62	49704.47	-31.85	-34.49
Jan 5 2022	-81.71002	35.95750	63.55	-7.4	435972.60	3979467.22	142.7	49672.30	49704.47	-32.17	-34.21
Jan 5 2022	-81.71003	35.95748	63.55	-7.4	435971.78	3979465.65	143.6	49672.95	49704.46	-31.51	-33.94
Jan 5 2022	-81.71004	35.95747	63.55	-7.4	435970.95	3979464.26	144.4	49672.96	49704.45	-31.49	-33.87
Jan 5 2022	-81.71005	35.95746	63.55	-7.4	435970.42	3979462.96	145.2	49673.69	49704.43	-30.75	-33.89
Jan 5 2022	-81.71005	35.95745	63.55	-7.4	435969.76	3979461.70	146.0	49673.82	49704.42	-30.60	-33.89
Jan 5 2022	-81.71006	35.95744	63.55	-7.4	435969.13	3979460.69	146.5	49673.80	49704.41	-30.62	-33.67
Jan 5 2022	-81.71007	35.95743	63.55	-7.4	435968.42	3979459.82	147.0	49674.47	49704.41	-29.94	-33.41
Jan 5 2022	-81.71008	35.95742	63.55	-7.4	435967.39	3979458.94	147.3	49674.74	49704.41	-29.67	-33.15
Jan 5 2022	-81.71009	35.95742	63.55	-7.4	435966.67	3979458.39	147.4	49675.54	49704.40	-28.86	-32.93
Jan 5 2022	-81.71009	35.95741	63.55	-7.4	435966.12	3979457.47	147.9	49675.01	49704.41	-29.40	-32.69
Jan 5 2022	-81.71010	35.95740	63.55	-7.4	435965.27	3979456.15	148.7	49674.10	49704.41	-30.31	-32.37
Jan 5 2022	-81.71011	35.95738	63.55	-7.4	435964.37	3979454.73	149.6	49672.07	49704.40	-32.33	-32.38
Jan 5 2022	-81.71012	35.95737	63.55	-7.4	435963.60	3979453.32	150.5	49674.67	49704.39	-29.71	-33.17
Jan 5 2022	-81.71013	35.95736	63.55	-7.4	435963.08	3979452.34	151.2	49679.68	49704.38	-24.70	-32.86
Jan 5 2022	-81.71013	35.95735	63.55	-7.4	435962.61	3979451.32	151.9	49677.30	49704.38	-27.08	-32.29
Jan 5 2022	-81.71014	35.95734	63.55	-7.4	435961.92	3979449.99	152.8	49676.66	49704.37	-27.71	-31.62
Jan 5 2022	-81.71015	35.95733	63.55	-7.4	435960.98	3979448.67	153.6	49675.44	49704.36	-28.92	-30.96
Jan 5 2022	-81.71016	35.95732	63.55	-7.4	435959.85	3979447.26	154.5	49674.66	49704.34	-29.68	-30.44

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.71017	35.95730	63.55	-7.4	435958.86	3979445.74	155.5	49673.99	49704.34	-30.35	-30.09
Jan 5 2022	-81.71018	35.95729	63.55	-7.4	435958.30	3979444.43	156.5	49670.91	49704.33	-33.43	-29.93
Jan 5 2022	-81.71018	35.95728	63.55	-7.4	435957.90	3979443.38	157.3	49672.05	49704.33	-32.28	-29.85
Jan 5 2022	-81.71019	35.95727	63.55	-7.4	435957.31	3979442.35	158.0	49671.69	49704.33	-32.64	-29.84
Jan 5 2022	-81.71020	35.95726	63.55	-7.4	435956.56	3979441.31	158.7	49670.10	49704.33	-34.22	-29.92
Jan 5 2022	-81.71021	35.95725	63.55	-7.4	435955.73	3979440.22	159.4	49667.62	49704.32	-36.71	-30.06
Jan 5 2022	-81.71022	35.95724	63.55	-7.4	435954.91	3979439.10	160.1	49665.82	49704.32	-38.50	-30.24
Jan 5 2022	-81.71022	35.95723	63.55	-7.4	435954.22	3979437.96	161.0	49665.67	49704.31	-38.64	-30.46
Jan 5 2022	-81.71023	35.95722	63.55	-7.4	435953.64	3979436.37	162.3	49665.62	49704.30	-38.68	-30.68
Jan 5 2022	-81.71024	35.95720	63.55	-7.4	435952.95	3979434.76	163.5	49662.19	49704.30	-42.11	-30.97
Jan 5 2022	-81.71025	35.95719	63.55	-7.4	435952.18	3979433.59	164.4	49663.81	49704.29	-40.48	-31.23
Jan 5 2022	-81.71025	35.95718	63.55	-7.4	435951.48	3979432.52	165.2	49663.12	49704.29	-41.16	-31.51
Jan 5 2022	-81.71026	35.95717	63.55	-7.4	435950.74	3979431.43	166.0	49659.62	49704.28	-44.66	-31.86
Jan 5 2022	-81.71027	35.95716	63.55	-7.4	435949.86	3979430.36	166.7	49658.04	49704.27	-46.23	-32.23
Jan 5 2022	-81.71028	35.95715	63.55	-7.4	435948.90	3979429.16	167.5	49658.47	49704.27	-45.80	-32.57
Jan 5 2022	-81.71029	35.95714	63.55	-7.4	435948.01	3979428.04	168.3	49658.90	49704.26	-45.36	-32.94
Jan 5 2022	-81.71030	35.95713	63.55	-7.4	435946.97	3979427.10	168.9	49660.10	49704.25	-44.15	-33.23
Jan 5 2022	-81.71031	35.95712	63.55	-7.4	435945.98	3979426.01	169.7	49660.72	49704.25	-43.53	-33.47
Jan 5 2022	-81.71032	35.95711	63.55	-7.4	435945.10	3979424.91	170.5	49663.06	49704.25	-41.19	-33.66
Jan 5 2022	-81.71033	35.95711	63.55	-7.4	435944.25	3979424.09	171.1	49661.90	49704.25	-42.36	-33.91
Jan 5 2022	-81.71034	35.95710	63.55	-7.4	435943.63	3979423.06	171.9	49661.38	49704.25	-42.87	-34.14
Jan 5 2022	-81.71035	35.95708	63.55	-7.4	435942.79	3979421.64	173.0	49664.43	49704.25	-39.82	-34.28
Jan 5 2022	-81.71036	35.95707	63.55	-7.4	435941.75	3979420.60	173.8	49668.55	49704.24	-35.69	-34.27
Jan 5 2022	-81.71037	35.95707	63.55	-7.4	435940.87	3979419.81	174.3	49662.79	49704.23	-41.44	-34.43
Jan 5 2022	-81.71038	35.95706	63.55	-7.4	435939.94	3979418.67	175.2	49659.51	49704.22	-44.70	-35.07

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71039	35.95704	63.55	-7.4	435938.82	3979417.28	176.3	49660.18	49704.20	-44.02	-35.35
Jan 5 2022	-81.71040	35.95703	63.55	-7.4	435938.08	3979416.17	177.2	49660.72	49704.19	-43.48	-35.57
Jan 5 2022	-81.71041	35.95703	63.55	-7.4	435937.45	3979415.43	177.8	49660.70	49704.19	-43.49	-35.81
Jan 5 2022	-81.71042	35.95702	63.55	-7.4	435936.29	3979414.61	178.3	49659.95	49704.18	-44.23	-36.06
Jan 5 2022	-81.71044	35.95701	63.55	-7.4	435934.91	3979413.80	178.8	49660.83	49704.18	-43.35	-36.29
Jan 5 2022	-81.71045	35.95700	63.55	-7.4	435933.64	3979412.82	179.5	49661.95	49704.17	-42.22	-36.50
Jan 5 2022	-81.71046	35.95699	63.55	-7.4	435932.59	3979411.69	180.4	49661.33	49704.16	-42.83	-36.72
Jan 5 2022	-81.71047	35.95699	63.55	-7.4	435931.62	3979410.94	181.0	49658.92	49704.17	-45.25	-36.98
Jan 5 2022	-81.71048	35.95698	63.55	-7.4	435930.71	3979410.35	181.4	49657.03	49704.17	-47.14	-37.30
Jan 5 2022	-81.71049	35.95697	63.55	-7.4	435929.81	3979409.61	181.9	49654.29	49704.17	-49.88	-37.66
Jan 5 2022	-81.71050	35.95697	63.55	-7.4	435928.76	3979408.88	182.5	49653.51	49704.16	-50.66	-38.06
Jan 5 2022	-81.71052	35.95696	63.55	-7.4	435927.37	3979408.10	183.0	49652.03	49704.16	-52.13	-38.49
Jan 5 2022	-81.71053	35.95695	63.55	-7.4	435925.96	3979407.00	183.9	49650.92	49704.15	-53.23	-38.95
Jan 5 2022	-81.71055	35.95694	63.55	-7.4	435924.75	3979406.21	184.5	49651.54	49704.14	-52.60	-39.40
Jan 5 2022	-81.71056	35.95694	63.55	-7.4	435923.47	3979405.67	184.8	49651.46	49704.14	-52.68	-39.86
Jan 5 2022	-81.71057	35.95693	63.55	-7.4	435922.25	3979404.92	185.4	49650.86	49704.14	-53.28	-40.35
Jan 5 2022	-81.71059	35.95692	63.55	-7.4	435921.04	3979404.02	186.2	49651.83	49704.14	-52.30	-40.81
Jan 5 2022	-81.71060	35.95692	63.55	-7.4	435919.81	3979403.43	186.6	49652.27	49704.14	-51.86	-41.24
Jan 5 2022	-81.71062	35.95691	63.55	-7.4	435918.52	3979403.01	186.9	49650.44	49704.14	-53.70	-41.66
Jan 5 2022	-81.71063	35.95691	63.55	-7.4	435917.16	3979402.33	187.4	49650.83	49704.13	-53.30	-42.14
Jan 5 2022	-81.71065	35.95690	63.55	-7.4	435915.91	3979401.79	187.8	49652.13	49704.12	-51.99	-42.68
Jan 5 2022	-81.71066	35.95690	63.55	-7.4	435914.82	3979401.49	188.0	49652.10	49704.13	-52.02	-43.18
Jan 5 2022	-81.71067	35.95689	63.55	-7.4	435913.69	3979400.83	188.6	49652.86	49704.13	-51.28	-43.65
Jan 5 2022	-81.71069	35.95689	63.55	-7.4	435912.28	3979399.93	189.4	49649.94	49704.13	-54.19	-44.16
Jan 5 2022	-81.71070	35.95688	63.55	-7.4	435910.51	3979399.21	189.9	49646.47	49704.14	-57.68	-44.72

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71072	35.95687	63.55	-7.4	435908.87	3979398.63	190.4	49647.30	49704.15	-56.84	-45.25
Jan 5 2022	-81.71074	35.95687	63.55	-7.4	435907.46	3979398.08	190.9	49643.87	49704.15	-60.28	-45.78
Jan 5 2022	-81.71075	35.95686	63.55	-7.4	435906.16	3979397.59	191.3	49641.00	49704.14	-63.13	-46.40
Jan 5 2022	-81.71077	35.95686	63.55	-7.4	435904.91	3979397.41	191.5	49644.31	49704.13	-59.83	-46.94
Jan 5 2022	-81.71078	35.95686	63.55	-7.4	435903.33	3979397.09	191.7	49644.95	49704.13	-59.18	-47.44
Jan 5 2022	-81.71080	35.95685	63.55	-7.4	435901.82	3979396.48	192.3	49637.56	49704.13	-66.57	-48.04
Jan 5 2022	-81.71082	35.95685	63.55	-7.4	435900.48	3979395.84	192.9	49625.38	49704.13	-78.75	-48.85
Jan 5 2022	-81.71083	35.95684	63.55	-7.4	435899.06	3979394.79	193.9	49610.95	49704.13	-93.18	-49.94
Jan 5 2022	-81.71084	35.95683	63.55	-7.4	435897.87	3979393.91	194.8	49598.80	49704.12	-105.32	-51.27
Jan 5 2022	-81.71085	35.95683	63.55	-7.4	435896.97	3979393.54	195.2	49578.56	49704.12	-125.57	-52.94
Jan 5 2022	-81.71087	35.95682	63.55	-7.4	435895.97	3979392.86	195.9	49543.68	49704.13	-160.45	-55.34
Jan 5 2022	-81.71088	35.95681	63.55	-7.4	435894.54	3979391.97	196.8	49556.26	49704.14	-147.88	-57.47
Jan 5 2022	-81.71090	35.95681	63.55	-7.4	435893.09	3979391.25	197.5	49588.28	49704.14	-115.86	-58.90
Jan 5 2022	-81.71091	35.95680	63.55	-7.4	435892.08	3979390.50	198.3	49597.43	49704.14	-106.70	-60.11
Jan 5 2022	-81.71092	35.95679	63.55	-7.4	435891.23	3979389.47	199.4	49606.21	49704.12	-97.91	-61.15
Jan 5 2022	-81.71093	35.95678	63.55	-7.4	435890.07	3979388.36	200.5	49624.20	49704.12	-79.92	-61.84
Jan 5 2022	-81.71095	35.95677	63.55	-7.4	435888.57	3979387.24	201.7	49638.20	49704.11	-65.91	-62.27
Jan 5 2022	-81.71096	35.95676	63.55	-7.4	435887.41	3979386.39	202.6	49632.33	49704.10	-71.77	-62.84
Jan 5 2022	-81.71097	35.95675	63.55	-7.4	435886.40	3979385.52	203.5	49646.91	49704.10	-57.19	-63.16
Jan 5 2022	-81.71098	35.95675	63.55	-7.4	435885.65	3979384.54	204.5	49651.13	49704.10	-52.98	-63.37
Jan 5 2022	-81.71098	35.95674	63.55	-7.4	435885.19	3979383.54	205.6	49654.15	49704.10	-49.95	-63.51
Jan 5 2022	-81.71099	35.95673	63.55	-7.4	435884.42	3979382.39	206.8	49657.43	49704.10	-46.67	-63.65
Jan 5 2022	-81.71100	35.95672	63.55	-7.4	435883.43	3979381.41	207.8	49662.98	49704.09	-41.11	-63.76
Jan 5 2022	-81.71101	35.95671	63.55	-7.4	435882.47	3979380.28	209.0	49670.71	49704.08	-33.36	-63.60
Jan 5 2022	-81.71102	35.95670	63.55	-7.4	435881.62	3979379.07	210.3	49676.25	49704.06	-27.81	-63.26

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71103	35.95668	63.55	-7.4	435881.03	3979377.74	211.7	49675.88	49704.06	-28.18	-62.94
Jan 5 2022	-81.71104	35.95667	63.55	-7.4	435880.47	3979376.42	213.0	49674.77	49704.06	-29.29	-62.66
Jan 5 2022	-81.71104	35.95666	63.55	-7.4	435879.88	3979375.37	214.1	49671.97	49704.06	-32.09	-62.43
Jan 5 2022	-81.71105	35.95665	63.55	-7.4	435879.26	3979374.23	215.3	49669.12	49704.06	-34.94	-62.24
Jan 5 2022	-81.71106	35.95664	63.55	-7.4	435878.37	3979373.01	216.6	49669.57	49704.06	-34.49	-62.07
Jan 5 2022	-81.71107	35.95663	63.55	-7.4	435877.61	3979371.71	218.0	49673.03	49704.06	-31.03	-61.84
Jan 5 2022	-81.71107	35.95662	63.55	-7.4	435877.33	3979370.41	219.3	49673.68	49704.06	-30.38	-61.59
Jan 5 2022	-81.71107	35.95661	63.55	-7.4	435877.09	3979369.18	220.5	49661.02	49704.06	-43.04	-61.55
Jan 5 2022	-81.71108	35.95659	63.55	-7.4	435876.37	3979367.50	222.3	49632.35	49704.05	-71.71	-62.04
Jan 5 2022	-81.71109	35.95658	63.55	-7.4	435875.69	3979366.05	223.8	49583.14	49704.05	-120.90	-63.46
Jan 5 2022	-81.71109	35.95657	63.55	-7.4	435875.12	3979365.02	224.9	49526.24	49704.04	-177.80	-66.00
Jan 5 2022	-81.71110	35.95656	63.55	-7.4	435874.49	3979363.72	226.2	49503.29	49704.03	-200.74	-68.98
Jan 5 2022	-81.71111	35.95654	63.55	-7.4	435873.96	3979362.18	227.8	49565.90	49704.02	-138.12	-70.67
Jan 5 2022	-81.71111	35.95653	63.55	-7.4	435873.51	3979360.85	229.2	49592.03	49704.01	-111.97	-71.86
Jan 5 2022	-81.71112	35.95652	63.55	-7.4	435873.00	3979359.40	230.7	49589.14	49703.99	-114.86	-73.11
Jan 5 2022	-81.71112	35.95651	63.55	-7.4	435872.58	3979357.98	232.1	49592.07	49703.99	-111.92	-74.28
Jan 5 2022	-81.71112	35.95650	63.55	-7.4	435872.32	3979356.91	233.2	49610.65	49703.98	-93.33	-75.10
Jan 5 2022	-81.71112	35.95649	63.55	-7.4	435872.39	3979355.97	234.1	49643.44	49703.98	-60.54	-75.27
Jan 5 2022	-81.71112	35.95648	63.55	-7.4	435872.29	3979354.79	235.3	49679.21	49703.98	-24.78	-74.69
Jan 5 2022	-81.71113	35.95647	63.55	-7.4	435871.97	3979353.54	236.6	49700.98	49703.98	-3.00	-73.69
Jan 5 2022	-81.71113	35.95645	63.55	-7.4	435871.73	3979352.30	237.9	49710.56	49703.98	6.58	-72.52
Jan 5 2022	-81.71114	35.95644	63.55	-7.4	435871.27	3979350.91	239.3	49704.99	49703.97	1.01	-71.46
Jan 5 2022	-81.71114	35.95643	63.55	-7.4	435870.64	3979349.55	240.7	49690.36	49703.97	-13.61	-70.70
Jan 5 2022	-81.71115	35.95642	63.55	-7.4	435870.22	3979348.09	242.2	49680.27	49703.96	-23.69	-70.09
Jan 5 2022	-81.71115	35.95640	63.55	-7.4	435870.11	3979346.74	243.6	49671.17	49703.95	-32.78	-69.59

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.71115	35.95639	63.55	-7.4	435869.60	3979345.32	245.0	49663.64	49703.95	-40.31	-69.26
Jan 5 2022	-81.71116	35.95638	63.55	-7.4	435869.10	3979343.75	246.7	49659.32	49703.94	-44.62	-68.95
Jan 5 2022	-81.71116	35.95636	63.55	-7.4	435869.08	3979342.07	248.3	49654.99	49703.94	-48.95	-68.67
Jan 5 2022	-81.71116	35.95635	63.55	-7.4	435869.15	3979340.65	249.7	49651.39	49703.94	-52.55	-68.52
Jan 5 2022	-81.71116	35.95634	63.55	-7.4	435869.03	3979339.41	251.0	49647.69	49703.93	-56.24	-68.46
Jan 5 2022	-81.71116	35.95633	63.55	-7.4	435868.89	3979338.16	252.2	49644.44	49703.92	-59.48	-68.32
Jan 5 2022	-81.71116	35.95632	63.55	-7.4	435868.66	3979336.95	253.5	49638.30	49703.91	-65.61	-68.06
Jan 5 2022	-81.71117	35.95630	63.55	-7.4	435868.01	3979335.53	254.9	49631.64	49703.90	-72.26	-67.64
Jan 5 2022	-81.71118	35.95629	63.55	-7.4	435867.48	3979334.07	256.5	49624.47	49703.88	-79.42	-67.12
Jan 5 2022	-81.71118	35.95628	63.55	-7.4	435867.14	3979332.76	257.8	49611.24	49703.88	-92.64	-66.46
Jan 5 2022	-81.71119	35.95627	63.55	-7.4	435866.48	3979331.62	259.0	49587.42	49703.88	-116.46	-65.58
Jan 5 2022	-81.71120	35.95626	63.55	-7.4	435865.71	3979330.59	260.1	49557.18	49703.88	-146.70	-65.56
Jan 5 2022	-81.71120	35.95625	63.55	-7.4	435865.13	3979329.55	261.2	49598.13	49703.88	-105.75	-65.36
Jan 5 2022	-81.71121	35.95624	63.55	-7.4	435864.68	3979328.46	262.4	49621.63	49703.88	-82.25	-64.87
Jan 5 2022	-81.71121	35.95623	63.55	-7.4	435864.39	3979327.02	263.8	49610.15	49703.87	-93.72	-64.78
Jan 5 2022	-81.71121	35.95621	63.55	-7.4	435864.24	3979325.51	265.4	49571.64	49703.87	-132.23	-65.83
Jan 5 2022	-81.71121	35.95620	63.55	-7.4	435863.95	3979324.10	266.8	49139.24	49703.88	-564.64	-75.81
Jan 5 2022	-81.71122	35.95619	63.55	-7.4	435863.43	3979322.59	268.4	49563.60	49703.87	-140.28	-77.18
Jan 5 2022	-81.71122	35.95617	63.55	-7.4	435863.02	3979321.03	270.0	49625.61	49703.86	-78.25	-77.60
Jan 5 2022	-81.71123	35.95616	63.55	-7.4	435862.94	3979319.87	271.1	49637.19	49703.85	-66.66	-77.87
Jan 5 2022	-81.71123	35.95615	63.55	-7.4	435862.86	3979318.94	272.0	49645.07	49703.84	-58.77	-78.05
Jan 5 2022	-81.71123	35.95614	63.55	-7.4	435862.74	3979317.59	273.4	49653.04	49703.83	-50.79	-78.13
Jan 5 2022	-81.71123	35.95613	63.55	-7.4	435862.79	3979315.99	275.0	49659.28	49703.83	-44.55	-78.20
Jan 5 2022	-81.71123	35.95611	63.55	-7.4	435862.61	3979314.40	276.6	49666.32	49703.83	-37.51	-78.28
Jan 5 2022	-81.71123	35.95610	63.55	-7.4	435862.37	3979313.20	277.8	49669.61	49703.82	-34.21	-78.41

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71123	35.95609	63.55	-7.4	435862.39	3979311.93	279.1	49670.13	49703.81	-33.69	-78.52
Jan 5 2022	-81.71123	35.95608	63.55	-7.4	435862.38	3979310.59	280.4	49669.13	49703.80	-34.68	-78.63
Jan 5 2022	-81.71123	35.95607	63.55	-7.4	435862.25	3979309.37	281.6	49662.73	49703.80	-41.07	-78.81
Jan 5 2022	-81.71123	35.95606	63.55	-7.4	435862.20	3979308.22	282.8	49658.14	49703.79	-45.65	-79.02
Jan 5 2022	-81.71123	35.95605	63.55	-7.4	435862.21	3979307.03	283.9	49655.91	49703.79	-47.88	-79.29
Jan 5 2022	-81.71124	35.95603	63.55	-7.4	435861.99	3979305.31	285.7	49656.16	49703.78	-47.62	-79.62
Jan 5 2022	-81.71124	35.95602	63.55	-7.4	435861.93	3979303.71	287.3	49658.48	49703.78	-45.30	-79.92
Jan 5 2022	-81.71123	35.95601	63.55	-7.4	435862.03	3979302.69	288.3	49660.93	49703.77	-42.85	-79.91
Jan 5 2022	-81.71123	35.95600	63.55	-7.4	435862.15	3979301.48	289.5	49661.27	49703.76	-42.50	-79.33
Jan 5 2022	-81.71123	35.95598	63.55	-7.4	435862.25	3979300.13	290.8	49660.47	49703.75	-43.29	-77.78
Jan 5 2022	-81.71123	35.95597	63.55	-7.4	435861.96	3979298.98	292.0	49661.76	49703.76	-42.00	-75.06
Jan 5 2022	-81.71124	35.95596	63.55	-7.4	435861.55	3979297.76	293.2	49664.98	49703.75	-38.77	-71.82
Jan 5 2022	-81.71124	35.95595	63.55	-7.4	435861.20	3979296.60	294.4	49670.55	49703.75	-33.19	-69.72
Jan 5 2022	-81.71125	35.95594	63.55	-7.4	435860.81	3979295.33	295.7	49674.30	49703.75	-29.44	-68.07
Jan 5 2022	-81.71125	35.95593	63.55	-7.4	435860.44	3979293.91	297.2	49675.33	49703.75	-28.42	-66.35
Jan 5 2022	-81.71126	35.95591	63.55	-7.4	435860.04	3979292.47	298.7	49676.89	49703.75	-26.86	-64.64
Jan 5 2022	-81.71126	35.95590	63.55	-7.4	435859.36	3979291.00	300.2	49681.89	49703.75	-21.86	-63.21
Jan 5 2022	-81.71127	35.95589	63.55	-7.4	435858.63	3979289.70	301.6	49688.52	49703.73	-15.21	-62.31
Jan 5 2022	-81.71128	35.95588	63.55	-7.4	435858.18	3979288.48	302.9	49691.81	49703.72	-11.91	-62.05
Jan 5 2022	-81.71128	35.95587	63.55	-7.4	435857.81	3979287.13	304.2	49680.29	49703.71	-23.42	-62.46
Jan 5 2022	-81.71128	35.95585	63.55	-7.4	435857.98	3979285.73	305.6	49671.68	49703.70	-32.01	-63.23
Jan 5 2022	-81.71127	35.95584	63.55	-7.4	435858.35	3979284.28	307.0	49676.73	49703.69	-26.96	-63.79
Jan 5 2022	-81.71128	35.95583	63.55	-7.4	435857.95	3979282.84	308.5	49684.93	49703.68	-18.76	-63.89
Jan 5 2022	-81.71129	35.95582	63.55	-7.4	435857.19	3979281.54	309.9	49686.69	49703.68	-16.99	-63.76
Jan 5 2022	-81.71129	35.95581	63.55	-7.4	435856.78	3979280.42	311.0	49685.11	49703.68	-18.57	-63.48

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71130	35.95580	63.55	-7.4	435856.38	3979279.30	312.2	49685.23	49703.67	-18.44	-63.04
Jan 5 2022	-81.71130	35.95578	63.55	-7.4	435855.84	3979277.90	313.7	49684.51	49703.66	-19.15	-62.53
Jan 5 2022	-81.71130	35.95577	63.55	-7.4	435855.54	3979276.16	315.4	49683.09	49703.63	-20.54	-61.96
Jan 5 2022	-81.71131	35.95575	63.55	-7.4	435855.13	3979274.67	317.0	49682.53	49703.62	-21.10	-61.33
Jan 5 2022	-81.71131	35.95574	63.55	-7.4	435854.59	3979273.62	318.1	49677.42	49703.62	-26.21	-60.73
Jan 5 2022	-81.71132	35.95573	63.55	-7.4	435853.89	3979272.62	319.1	49675.38	49703.62	-28.24	-60.11
Jan 5 2022	-81.71133	35.95572	63.55	-7.4	435853.36	3979271.52	320.3	49674.10	49703.61	-29.51	-59.38
Jan 5 2022	-81.71133	35.95571	63.55	-7.4	435853.20	3979270.31	321.5	49669.85	49703.60	-33.76	-58.61
Jan 5 2022	-81.71133	35.95570	63.55	-7.4	435852.87	3979268.98	322.9	49665.16	49703.60	-38.45	-57.79
Jan 5 2022	-81.71134	35.95569	63.55	-7.4	435852.43	3979267.48	324.4	49657.16	49703.60	-46.44	-56.87
Jan 5 2022	-81.71134	35.95567	63.55	-7.4	435852.20	3979265.98	326.0	49638.58	49703.60	-65.02	-55.84
Jan 5 2022	-81.71134	35.95566	63.55	-7.4	435851.95	3979264.36	327.6	49603.08	49703.59	-100.51	-54.92
Jan 5 2022	-81.71134	35.95564	63.55	-7.4	435851.88	3979262.60	329.3	49556.72	49703.57	-146.85	-55.74
Jan 5 2022	-81.71134	35.95563	63.55	-7.4	435851.87	3979260.89	331.0	49594.56	49703.56	-109.00	-56.27
Jan 5 2022	-81.71135	35.95562	63.55	-7.4	435851.51	3979259.54	332.4	50266.78	49703.57	563.22	-43.14
Jan 5 2022	-81.71135	35.95561	63.55	-7.4	435851.38	3979258.51	333.5	50556.29	49703.56	852.72	-23.44
Jan 5 2022	-81.71135	35.95560	63.55	-7.4	435851.21	3979257.25	334.7	49986.37	49703.55	282.82	-6.49
Jan 5 2022	-81.71135	35.95558	63.55	-7.4	435850.84	3979255.55	336.5	49776.13	49703.53	72.59	-2.23
Jan 5 2022	-81.71135	35.95557	63.55	-7.4	435850.89	3979254.00	338.0	49713.52	49703.52	10.00	-0.47
Jan 5 2022	-81.71135	35.95556	63.55	-7.4	435850.96	3979252.86	339.1	49697.32	49703.52	-6.20	0.74
Jan 5 2022	-81.71135	35.95555	63.55	-7.4	435851.02	3979251.74	340.2	49685.07	49703.52	-18.45	1.55
Jan 5 2022	-81.71135	35.95553	63.55	-7.4	435851.13	3979250.26	341.7	49679.92	49703.51	-23.60	2.09
Jan 5 2022	-81.71135	35.95552	63.55	-7.4	435851.11	3979248.47	343.5	49680.96	49703.50	-22.53	2.53
Jan 5 2022	-81.71135	35.95550	63.55	-7.4	435851.31	3979246.71	345.2	49692.51	49703.49	-10.97	3.07
Jan 5 2022	-81.71135	35.95549	63.55	-7.4	435851.52	3979244.96	346.9	49690.31	49703.48	-13.17	3.49

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71134	35.95547	63.55	-7.4	435851.64	3979243.15	348.7	49687.94	49703.47	-15.53	3.85
Jan 5 2022	-81.71135	35.95545	63.55	-7.4	435851.55	3979241.28	350.5	49688.07	49703.46	-15.39	4.23
Jan 5 2022	-81.71135	35.95544	63.55	-7.4	435851.51	3979239.64	352.1	49683.86	49703.44	-19.59	4.66
Jan 5 2022	-81.71134	35.95543	63.55	-7.4	435851.82	3979238.39	353.3	49675.88	49703.44	-27.56	5.03
Jan 5 2022	-81.71134	35.95541	63.55	-7.4	435852.26	3979237.05	354.6	49669.50	49703.44	-33.94	5.31
Jan 5 2022	-81.71133	35.95540	63.55	-7.4	435852.66	3979235.52	356.1	49664.37	49703.43	-39.06	5.48
Jan 5 2022	-81.71133	35.95539	63.55	-7.4	435853.04	3979234.23	357.3	49654.29	49703.42	-49.13	5.40
Jan 5 2022	-81.71132	35.95538	63.55	-7.4	435853.55	3979233.08	358.4	49642.73	49703.41	-60.68	5.04
Jan 5 2022	-81.71132	35.95537	63.55	-7.4	435854.15	3979231.81	359.6	49634.54	49703.40	-68.86	4.52
Jan 5 2022	-81.71131	35.95536	63.55	-7.4	435854.84	3979230.57	360.7	49628.79	49703.40	-74.61	3.89
Jan 5 2022	-81.71130	35.95534	63.55	-7.4	435855.53	3979229.29	361.9	49624.00	49703.39	-79.40	3.14
Jan 5 2022	-81.71129	35.95533	63.55	-7.4	435856.32	3979228.08	363.0	49619.26	49703.39	-84.13	2.23
Jan 5 2022	-81.71128	35.95532	63.55	-7.4	435857.26	3979226.99	364.0	49614.58	49703.38	-88.80	1.12
Jan 5 2022	-81.71127	35.95531	63.55	-7.4	435858.15	3979225.81	365.1	49615.98	49703.37	-87.40	-0.04
Jan 5 2022	-81.71126	35.95530	63.55	-7.4	435858.83	3979224.62	366.2	49620.14	49703.36	-83.23	-1.13
Jan 5 2022	-81.71126	35.95529	63.55	-7.4	435859.55	3979223.53	367.2	49623.62	49703.36	-79.75	-2.19
Jan 5 2022	-81.71125	35.95528	63.55	-7.4	435860.38	3979222.42	368.2	49625.99	49703.36	-77.38	-3.30
Jan 5 2022	-81.71124	35.95527	63.55	-7.4	435861.17	3979221.35	369.2	49620.16	49703.36	-83.20	-4.66
Jan 5 2022	-81.71123	35.95526	63.55	-7.4	435862.13	3979220.30	370.1	49614.91	49703.35	-88.44	-6.19
Jan 5 2022	-81.71121	35.95525	63.55	-7.4	435863.24	3979219.20	371.1	49613.88	49703.34	-89.46	-7.51
Jan 5 2022	-81.71120	35.95524	63.55	-7.4	435864.30	3979218.20	372.0	49612.38	49703.34	-90.96	-8.69
Jan 5 2022	-81.71119	35.95524	63.55	-7.4	435865.49	3979217.19	372.9	49610.68	49703.33	-92.66	-10.00
Jan 5 2022	-81.71118	35.95523	63.55	-7.4	435866.70	3979216.03	374.0	49617.10	49703.33	-86.23	-11.35
Jan 5 2022	-81.71117	35.95521	63.54	-7.4	435867.61	3979214.76	375.2	49623.53	49703.32	-79.79	-12.61
Jan 5 2022	-81.71116	35.95520	63.54	-7.4	435868.41	3979213.60	376.3	49627.81	49703.32	-75.51	-13.75

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71115	35.95519	63.54	-7.4	435869.35	3979212.55	377.3	49622.09	49703.32	-81.23	-15.00
Jan 5 2022	-81.71113	35.95518	63.54	-7.4	435870.45	3979211.41	378.3	49618.09	49703.32	-85.23	-16.33
Jan 5 2022	-81.71112	35.95517	63.54	-7.4	435871.48	3979210.27	379.4	49619.01	49703.32	-84.31	-17.60
Jan 5 2022	-81.71111	35.95517	63.54	-7.4	435872.44	3979209.47	380.1	49620.07	49703.31	-83.25	-18.84
Jan 5 2022	-81.71110	35.95516	63.54	-7.4	435873.59	3979208.78	380.7	49624.63	49703.31	-78.69	-19.89
Jan 5 2022	-81.71109	35.95515	63.54	-7.4	435874.58	3979207.91	381.5	49624.89	49703.31	-78.42	-20.90
Jan 5 2022	-81.71108	35.95515	63.54	-7.4	435875.64	3979207.17	382.2	49623.91	49703.31	-79.40	-21.90
Jan 5 2022	-81.71106	35.95514	63.54	-7.4	435876.93	3979206.56	382.7	49627.41	49703.31	-75.90	-22.74
Jan 5 2022	-81.71105	35.95513	63.54	-7.4	435878.13	3979205.79	383.4	49629.70	49703.30	-73.60	-23.44
Jan 5 2022	-81.71104	35.95512	63.54	-7.4	435879.25	3979204.73	384.4	49632.17	49703.30	-71.13	-23.94
Jan 5 2022	-81.71102	35.95511	63.54	-7.4	435880.40	3979203.67	385.5	49635.80	49703.30	-67.50	-23.99
Jan 5 2022	-81.71101	35.95511	63.54	-7.4	435881.28	3979202.72	386.4	49641.72	49703.29	-61.57	-23.21
Jan 5 2022	-81.71100	35.95510	63.54	-7.4	435882.13	3979201.78	387.3	49642.03	49703.29	-61.26	-21.49
Jan 5 2022	-81.71099	35.95509	63.54	-7.4	435883.50	3979200.84	388.2	49638.70	49703.29	-64.59	-20.61
Jan 5 2022	-81.71097	35.95508	63.54	-7.4	435884.89	3979200.13	388.8	49636.80	49703.28	-66.48	-33.20
Jan 5 2022	-81.71096	35.95508	63.54	-7.4	435885.99	3979199.73	389.2	49636.86	49703.28	-66.42	-51.58
Jan 5 2022	-81.71095	35.95507	63.54	-7.4	435886.89	3979199.17	389.7	49635.51	49703.27	-67.76	-58.59
Jan 5 2022	-81.71094	35.95507	63.54	-7.4	435887.91	3979198.51	390.3	49632.90	49703.26	-70.36	-61.45
Jan 5 2022	-81.71093	35.95506	63.54	-7.4	435889.09	3979197.88	390.9	49629.61	49703.25	-73.64	-63.13
Jan 5 2022	-81.71091	35.95506	63.54	-7.4	435890.39	3979197.28	391.5	49627.08	49703.24	-76.17	-64.53
Jan 5 2022	-81.71089	35.95505	63.54	-7.4	435891.89	3979196.85	391.9	49626.66	49703.24	-76.59	-65.69
Jan 5 2022	-81.71088	35.95505	63.54	-7.4	435893.35	3979196.37	392.4	49636.57	49703.24	-66.67	-66.55
Jan 5 2022	-81.71087	35.95504	63.54	-7.4	435894.48	3979195.47	393.3	49640.01	49703.24	-63.23	-67.36
Jan 5 2022	-81.71086	35.95503	63.54	-7.4	435895.44	3979194.48	394.3	49640.50	49703.23	-62.73	-68.40
Jan 5 2022	-81.71084	35.95503	63.54	-7.4	435896.48	3979193.68	395.0	49641.13	49703.22	-62.09	-69.38

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.71083	35.95502	63.54	-7.4	435897.61	3979193.12	395.6	49640.83	49703.21	-62.38	-70.31	
Jan 5 2022	-81.71082	35.95502	63.54	-7.4	435898.89	3979192.77	396.0	49641.55	49703.20	-61.65	-71.24	
Jan 5 2022	-81.71080	35.95502	63.54	-7.4	435900.28	3979192.47	396.3	49629.82	49703.19	-73.37	-72.31	
Jan 5 2022	-81.71079	35.95501	63.54	-7.4	435901.60	3979192.15	396.6	49617.20	49703.19	-85.99	-73.48	
Jan 5 2022	-81.71077	35.95501	63.54	-7.4	435902.86	3979191.75	397.0	49596.51	49703.18	-106.67	-74.94	
Jan 5 2022	-81.71076	35.95501	63.54	-7.4	435904.31	3979191.39	397.4	49552.15	49703.18	-151.03	-77.18	
Jan 5 2022	-81.71074	35.95500	63.54	-7.4	435905.85	3979191.01	397.8	49513.87	49703.17	-189.30	-79.98	
Jan 5 2022	-81.71072	35.95500	63.54	-7.4	435907.46	3979190.70	398.1	49811.83	49703.17	108.65	-76.59	
Jan 5 2022	-81.71068	35.95500	63.54	-7.4	435911.46	3979190.21	398.7	49900.37	49703.15	197.21	-71.27	
Jan 5 2022	-81.71066	35.95499	63.54	-7.4	435912.75	3979189.89	399.1	49698.35	49703.15	-4.80	-69.88	
Jan 5 2022	-81.71065	35.95499	63.54	-7.4	435914.22	3979189.44	399.6	49664.54	49703.15	-38.61	-69.06	
Jan 5 2022	-81.71063	35.95498	63.54	-7.4	435915.64	3979188.89	400.2	49656.85	49703.14	-46.29	-68.30	
Jan 5 2022	-81.71062	35.95498	63.54	-7.4	435916.89	3979188.45	400.7	49652.60	49703.13	-50.53	-67.54	
Jan 5 2022	-81.71060	35.95498	63.54	-7.4	435918.23	3979188.13	401.1	49649.80	49703.13	-53.33	-66.86	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.08	3979188.45	401.3	49665.54	49703.14	-37.60	-59.76	
Jan 5 2022	-81.71051	35.95498	63.54	-7.4	435926.66	3979188.43	401.3	49665.10	49703.14	-38.04	-60.86	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.11	3979188.42	401.4	49664.37	49703.13	-38.76	-56.19	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.11	3979188.42	401.4	49666.97	49703.13	-36.16	-57.04	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.11	3979188.42	401.4	49669.28	49703.13	-33.85	-57.82	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.11	3979188.42	401.4	49667.54	49703.13	-35.59	-58.74	
Jan 5 2022	-81.71052	35.95498	63.54	-7.4	435925.73	3979188.26	401.4	49666.12	49703.14	-37.02	-61.91	
Jan 5 2022	-81.71059	35.95497	63.54	-7.4	435919.59	3979187.85	401.5	49650.35	49703.14	-52.78	-66.25	
Jan 5 2022	-81.71053	35.95498	63.54	-7.4	435924.59	3979188.02	401.6	49666.57	49703.14	-36.57	-62.96	
Jan 5 2022	-81.71050	35.95498	63.54	-7.4	435927.74	3979188.11	401.7	49664.53	49703.12	-38.60	-55.25	
Jan 5 2022	-81.71054	35.95498	63.54	-7.4	435923.43	3979187.84	401.7	49666.06	49703.14	-37.08	-64.00	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71056	35.95497	63.54	-7.4	435922.19	3979187.74	401.7	49660.86	49703.14	-42.28	-64.92
Jan 5 2022	-81.71057	35.95497	63.54	-7.4	435920.87	3979187.71	401.7	49654.53	49703.14	-48.61	-65.63
Jan 5 2022	-81.71048	35.95497	63.54	-7.4	435929.48	3979187.68	402.3	49663.76	49703.12	-39.36	-54.36
Jan 5 2022	-81.71046	35.95497	63.54	-7.4	435931.45	3979187.39	402.7	49665.02	49703.12	-38.10	-53.45
Jan 5 2022	-81.71044	35.95497	63.54	-7.4	435933.09	3979187.05	403.2	49667.74	49703.11	-35.37	-52.59
Jan 5 2022	-81.71040	35.95497	63.54	-7.4	435936.61	3979187.18	403.4	49675.98	49703.11	-27.12	-50.60
Jan 5 2022	-81.71042	35.95497	63.54	-7.4	435934.79	3979187.02	403.4	49671.88	49703.11	-31.22	-51.64
Jan 5 2022	-81.71038	35.95497	63.54	-7.4	435938.21	3979187.00	403.8	49679.05	49703.10	-24.05	-49.56
Jan 5 2022	-81.71036	35.95497	63.54	-7.4	435939.67	3979186.71	404.2	49679.09	49703.10	-24.02	-48.57
Jan 5 2022	-81.71035	35.95496	63.54	-7.4	435941.09	3979186.50	404.6	49683.30	49703.10	-19.80	-47.54
Jan 5 2022	-81.71033	35.95496	63.54	-7.4	435942.32	3979186.26	404.9	49686.01	49703.10	-17.09	-46.53
Jan 5 2022	-81.71032	35.95496	63.54	-7.4	435943.56	3979185.97	405.3	49684.07	49703.09	-19.02	-45.68
Jan 5 2022	-81.71031	35.95496	63.54	-7.4	435944.89	3979185.65	405.8	49678.30	49703.09	-24.79	-44.95
Jan 5 2022	-81.71029	35.95495	63.54	-7.4	435946.14	3979185.28	406.3	49672.97	49703.09	-30.13	-44.26
Jan 5 2022	-81.71028	35.95495	63.54	-7.4	435947.57	3979184.88	406.9	49669.86	49703.10	-33.24	-43.60
Jan 5 2022	-81.71026	35.95495	63.54	-7.4	435949.05	3979184.42	407.5	49667.64	49703.10	-35.46	-42.98
Jan 5 2022	-81.71025	35.95494	63.54	-7.4	435950.29	3979183.89	408.2	49665.43	49703.10	-37.67	-42.38
Jan 5 2022	-81.71023	35.95494	63.54	-7.4	435951.47	3979183.38	408.9	49666.68	49703.09	-36.42	-41.70
Jan 5 2022	-81.71022	35.95493	63.54	-7.4	435952.81	3979182.92	409.5	49668.86	49703.09	-34.23	-40.91
Jan 5 2022	-81.71020	35.95493	63.54	-7.4	435954.31	3979182.55	410.1	49669.69	49703.08	-33.39	-40.06
Jan 5 2022	-81.71018	35.95493	63.54	-7.4	435955.86	3979182.33	410.5	49668.91	49703.07	-34.16	-39.21
Jan 5 2022	-81.71017	35.95492	63.54	-7.4	435957.31	3979182.01	411.0	49668.56	49703.06	-34.51	-38.56
Jan 5 2022	-81.71015	35.95492	63.54	-7.4	435958.52	3979181.28	411.9	49668.55	49703.06	-34.51	-37.99
Jan 5 2022	-81.71014	35.95491	63.54	-7.4	435959.70	3979180.55	412.8	49667.25	49703.06	-35.81	-37.45
Jan 5 2022	-81.71013	35.95491	63.54	-7.4	435960.99	3979180.15	413.4	49662.79	49703.06	-40.27	-37.01

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.71011	35.95490	63.54	-7.4	435962.20	3979179.61	414.1	49659.09	49703.06	-43.97	-36.65
Jan 5 2022	-81.71010	35.95490	63.54	-7.4	435963.33	3979178.90	415.0	49656.22	49703.06	-46.84	-36.35
Jan 5 2022	-81.71009	35.95489	63.54	-7.4	435964.45	3979178.31	415.8	49651.91	49703.05	-51.14	-35.91
Jan 5 2022	-81.71008	35.95489	63.54	-7.4	435965.37	3979177.59	416.6	49648.48	49703.04	-54.57	-35.28
Jan 5 2022	-81.71007	35.95488	63.54	-7.4	435966.51	3979176.62	417.8	49645.15	49703.03	-57.89	-34.30
Jan 5 2022	-81.71005	35.95487	63.54	-7.4	435967.68	3979175.65	418.9	49647.94	49703.02	-55.08	-32.38
Jan 5 2022	-81.71004	35.95486	63.54	-7.4	435968.75	3979174.87	419.9	49658.57	49703.02	-44.45	-29.49
Jan 5 2022	-81.71003	35.95485	63.54	-7.4	435969.78	3979174.00	420.9	49702.38	49703.01	-0.63	-31.67
Jan 5 2022	-81.71002	35.95484	63.54	-7.4	435970.66	3979172.96	422.1	49765.85	49703.00	62.85	-34.36
Jan 5 2022	-81.71001	35.95483	63.54	-7.4	435971.49	3979171.87	423.3	49748.83	49702.99	45.84	-33.35
Jan 5 2022	-81.71000	35.95483	63.54	-7.4	435972.43	3979171.07	424.3	49701.89	49702.98	-1.09	-32.60
Jan 5 2022	-81.70999	35.95482	63.54	-7.4	435973.62	3979170.61	424.9	49685.31	49702.97	-17.66	-32.02
Jan 5 2022	-81.70997	35.95482	63.54	-7.4	435974.75	3979169.95	425.8	49679.09	49702.96	-23.87	-31.49
Jan 5 2022	-81.70996	35.95481	63.54	-7.4	435975.87	3979169.04	426.9	49678.51	49702.94	-24.43	-30.91
Jan 5 2022	-81.70995	35.95480	63.54	-7.4	435977.26	3979168.19	428.0	49680.06	49702.94	-22.88	-30.31
Jan 5 2022	-81.70993	35.95479	63.54	-7.4	435978.80	3979167.39	429.0	49682.22	49702.93	-20.72	-29.76
Jan 5 2022	-81.70991	35.95479	63.54	-7.4	435980.31	3979166.67	430.0	49684.44	49702.93	-18.49	-29.28
Jan 5 2022	-81.70990	35.95478	63.54	-7.4	435981.45	3979166.02	430.9	49680.79	49702.93	-22.13	-28.98
Jan 5 2022	-81.70989	35.95478	63.54	-7.4	435982.24	3979165.48	431.6	49674.87	49702.93	-28.06	-28.81
Jan 5 2022	-81.70988	35.95477	63.54	-7.4	435983.10	3979164.90	432.3	49671.57	49702.93	-31.36	-28.70
Jan 5 2022	-81.70987	35.95477	63.54	-7.4	435984.03	3979164.25	433.1	49670.75	49702.93	-32.18	-28.58
Jan 5 2022	-81.70986	35.95476	63.54	-7.4	435985.10	3979163.82	433.8	49670.21	49702.93	-32.71	-28.48
Jan 5 2022	-81.70984	35.95476	63.54	-7.4	435986.40	3979163.69	434.2	49669.34	49702.92	-33.59	-28.44
Jan 5 2022	-81.70983	35.95476	63.54	-7.4	435987.63	3979163.66	434.4	49668.72	49702.92	-34.20	-28.45
Jan 5 2022	-81.70982	35.95476	63.54	-7.4	435988.60	3979163.38	434.9	49668.95	49702.91	-33.97	-28.41

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70981	35.95476	63.54	-7.4	435989.55	3979163.01	435.5	49667.16	49702.91	-35.75	-28.35
Jan 5 2022	-81.70980	35.95475	63.54	-7.4	435990.30	3979162.57	436.1	49667.06	49702.91	-35.85	-28.29
Jan 5 2022	-81.70979	35.95475	63.54	-7.4	435991.11	3979162.07	436.7	49667.14	49702.91	-35.77	-28.22
Jan 5 2022	-81.70978	35.95474	63.54	-7.4	435992.10	3979161.64	437.4	49664.76	49702.90	-38.15	-28.22
Jan 5 2022	-81.70977	35.95474	63.54	-7.4	435993.08	3979161.34	437.9	49663.17	49702.90	-39.73	-28.31
Jan 5 2022	-81.70976	35.95474	63.54	-7.4	435994.34	3979161.07	438.4	49662.71	49702.89	-40.18	-28.49
Jan 5 2022	-81.70974	35.95474	63.54	-7.4	435995.95	3979160.86	439.0	49664.04	49702.89	-38.85	-28.72
Jan 5 2022	-81.70972	35.95474	63.54	-7.4	435997.69	3979160.68	439.5	49664.29	49702.88	-38.59	-29.01
Jan 5 2022	-81.70970	35.95473	63.54	-7.4	435999.17	3979160.52	440.0	49660.81	49702.87	-42.06	-29.37
Jan 5 2022	-81.70965	35.95474	63.54	-7.4	436003.62	3979161.39	440.2	49653.76	49702.85	-49.09	-31.11
Jan 5 2022	-81.70964	35.95475	63.54	-7.4	436005.12	3979161.73	440.3	49653.71	49702.85	-49.14	-31.60
Jan 5 2022	-81.70967	35.95474	63.54	-7.4	436002.20	3979160.95	440.3	49654.92	49702.86	-47.95	-30.51
Jan 5 2022	-81.70969	35.95473	63.54	-7.4	436000.62	3979160.61	440.3	49657.15	49702.87	-45.72	-29.89
Jan 5 2022	-81.70962	35.95475	63.54	-7.4	436006.87	3979162.02	440.4	49656.30	49702.85	-46.56	-31.93
Jan 5 2022	-81.70960	35.95475	63.54	-7.4	436008.53	3979162.25	440.6	49658.60	49702.86	-44.26	-32.15
Jan 5 2022	-81.70958	35.95475	63.54	-7.4	436009.95	3979162.22	441.0	49662.48	49702.85	-40.38	-32.24
Jan 5 2022	-81.70937	35.95480	63.54	-7.4	436029.47	3979167.49	441.3	49703.36	49702.84	0.52	-26.58
Jan 5 2022	-81.70935	35.95480	63.54	-7.4	436031.15	3979167.92	441.4	49706.00	49702.84	3.16	-25.63
Jan 5 2022	-81.70938	35.95479	63.54	-7.4	436028.25	3979166.96	441.5	49701.13	49702.84	-1.71	-27.69
Jan 5 2022	-81.70957	35.95475	63.54	-7.4	436011.09	3979162.02	441.5	49673.17	49702.85	-29.68	-32.08
Jan 5 2022	-81.70939	35.95479	63.54	-7.4	436027.56	3979166.53	441.7	49699.87	49702.84	-2.96	-28.82
Jan 5 2022	-81.70933	35.95480	63.54	-7.4	436032.80	3979167.98	441.9	49707.29	49702.84	4.45	-25.53
Jan 5 2022	-81.70940	35.95479	63.54	-7.4	436026.70	3979166.01	441.9	49697.75	49702.83	-5.09	-29.85
Jan 5 2022	-81.70945	35.95477	63.54	-7.4	436021.63	3979164.53	441.9	49682.21	49702.82	-20.61	-31.93
Jan 5 2022	-81.70956	35.95475	63.54	-7.4	436012.30	3979161.89	441.9	49662.93	49702.84	-39.91	-32.15

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.70941	35.95478	63.54	-7.4	436025.51	3979165.61	442.0	49688.09	49702.83	-14.74	-30.77	
Jan 5 2022	-81.70943	35.95478	63.54	-7.4	436024.15	3979165.18	442.0	49675.57	49702.83	-27.26	-31.41	
Jan 5 2022	-81.70944	35.95477	63.54	-7.4	436022.82	3979164.72	442.0	49671.84	49702.83	-30.98	-31.75	
Jan 5 2022	-81.70947	35.95477	63.54	-7.4	436020.35	3979164.07	442.0	49679.19	49702.82	-23.64	-32.24	
Jan 5 2022	-81.70949	35.95476	63.54	-7.4	436018.65	3979163.37	442.2	49671.09	49702.82	-31.73	-32.45	
Jan 5 2022	-81.70951	35.95476	63.54	-7.4	436016.89	3979162.87	442.2	49666.03	49702.82	-36.79	-32.51	
Jan 5 2022	-81.70952	35.95475	63.54	-7.4	436015.56	3979162.49	442.2	49662.45	49702.82	-40.37	-32.46	
Jan 5 2022	-81.70954	35.95475	63.54	-7.4	436014.03	3979162.10	442.2	49660.45	49702.83	-42.38	-32.32	
Jan 5 2022	-81.70931	35.95480	63.54	-7.4	436034.46	3979167.85	442.5	49703.06	49702.84	0.22	-26.78	
Jan 5 2022	-81.70930	35.95480	63.54	-7.4	436035.86	3979167.74	443.0	49698.52	49702.83	-4.31	-27.78	
Jan 5 2022	-81.70928	35.95480	63.54	-7.4	436037.11	3979167.47	443.7	49698.57	49702.83	-4.26	-27.85	
Jan 5 2022	-81.70927	35.95480	63.54	-7.4	436038.46	3979167.23	444.3	49695.31	49702.83	-7.52	-27.64	
Jan 5 2022	-81.70925	35.95480	63.54	-7.4	436039.82	3979167.19	444.8	49687.44	49702.82	-15.38	-27.47	
Jan 5 2022	-81.70923	35.95480	63.54	-7.4	436041.44	3979167.43	445.1	49685.13	49702.82	-17.69	-27.34	
Jan 5 2022	-81.70922	35.95480	63.54	-7.4	436042.96	3979167.83	445.2	49686.10	49702.81	-16.71	-27.22	
Jan 5 2022	-81.70920	35.95480	63.54	-7.4	436044.18	3979168.07	445.4	49680.36	49702.81	-22.45	-27.25	
Jan 5 2022	-81.70919	35.95480	63.54	-7.4	436045.73	3979167.98	446.0	49676.57	49702.80	-26.22	-27.40	
Jan 5 2022	-81.70917	35.95480	63.54	-7.4	436047.42	3979167.83	446.7	49676.06	49702.79	-26.74	-27.50	
Jan 5 2022	-81.70915	35.95480	63.54	-7.4	436049.11	3979167.82	447.3	49673.27	49702.79	-29.52	-27.53	
Jan 5 2022	-81.70913	35.95480	63.54	-7.4	436050.40	3979167.62	447.9	49671.72	49702.78	-31.06	-27.52	
Jan 5 2022	-81.70913	35.95480	63.54	-7.4	436051.19	3979167.21	448.5	49674.31	49702.78	-28.46	-27.45	
Jan 5 2022	-81.70911	35.95479	63.54	-7.4	436052.33	3979166.88	449.2	49675.74	49702.77	-27.03	-27.33	
Jan 5 2022	-81.70910	35.95479	63.54	-7.4	436053.87	3979166.71	449.9	49675.06	49702.76	-27.69	-27.21	
Jan 5 2022	-81.70908	35.95479	63.54	-7.4	436055.55	3979166.63	450.6	49674.57	49702.75	-28.18	-27.09	
Jan 5 2022	-81.70906	35.95479	63.54	-7.4	436057.33	3979166.87	451.0	49673.85	49702.76	-28.91	-26.99	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70904	35.95480	63.54	-7.4	436059.10	3979167.30	451.2	49673.21	49702.76	-29.56	-26.87
Jan 5 2022	-81.70902	35.95480	63.54	-7.4	436060.49	3979167.71	451.3	49670.22	49702.77	-32.56	-26.80
Jan 5 2022	-81.70901	35.95480	63.54	-7.4	436061.74	3979167.95	451.6	49665.74	49702.78	-37.04	-26.83
Jan 5 2022	-81.70899	35.95481	63.54	-7.4	436063.36	3979168.08	452.0	49660.56	49702.77	-42.21	-26.91
Jan 5 2022	-81.70897	35.95481	63.54	-7.4	436064.97	3979168.16	452.6	49651.86	49702.76	-50.90	-27.13
Jan 5 2022	-81.70896	35.95481	63.54	-7.4	436066.20	3979168.14	453.0	49630.01	49702.76	-72.75	-27.78
Jan 5 2022	-81.70895	35.95481	63.54	-7.4	436067.20	3979168.08	453.5	49599.18	49702.76	-103.58	-29.08
Jan 5 2022	-81.70893	35.95481	63.54	-7.4	436068.68	3979168.08	454.0	49578.32	49702.76	-124.45	-30.80
Jan 5 2022	-81.70891	35.95481	63.54	-7.4	436070.44	3979168.03	454.7	49555.62	49702.76	-147.14	-32.90
Jan 5 2022	-81.70890	35.95480	63.54	-7.4	436071.94	3979167.66	455.6	49552.12	49702.75	-150.63	-35.00
Jan 5 2022	-81.70888	35.95480	63.54	-7.4	436073.26	3979167.11	456.7	49593.29	49702.74	-109.45	-36.23
Jan 5 2022	-81.70887	35.95479	63.54	-7.4	436074.66	3979166.56	457.7	49617.91	49702.73	-84.82	-36.94
Jan 5 2022	-81.70885	35.95479	63.54	-7.4	436076.47	3979166.21	458.7	49633.31	49702.72	-69.42	-37.35
Jan 5 2022	-81.70883	35.95479	63.54	-7.4	436078.09	3979165.92	459.6	49622.76	49702.73	-79.97	-38.01
Jan 5 2022	-81.70881	35.95479	63.54	-7.4	436079.41	3979165.69	460.4	49612.92	49702.73	-89.81	-38.93
Jan 5 2022	-81.70880	35.95478	63.54	-7.4	436080.77	3979165.52	461.1	49625.75	49702.73	-76.99	-39.66
Jan 5 2022	-81.70879	35.95478	63.54	-7.4	436081.88	3979165.20	461.8	49637.72	49702.74	-65.01	-40.36
Jan 5 2022	-81.70877	35.95478	63.54	-7.4	436083.03	3979165.07	462.4	49647.06	49702.74	-55.68	-40.68
Jan 5 2022	-81.70876	35.95478	63.54	-7.4	436084.45	3979164.89	463.1	49657.68	49702.73	-45.05	-40.73
Jan 5 2022	-81.70874	35.95477	63.54	-7.4	436085.85	3979164.24	464.3	49661.25	49702.72	-41.48	-40.76
Jan 5 2022	-81.70872	35.95477	63.54	-7.4	436087.34	3979163.73	465.3	49662.37	49702.71	-40.34	-40.83
Jan 5 2022	-81.70871	35.95476	63.54	-7.4	436088.83	3979163.29	466.3	49663.42	49702.70	-39.27	-40.98
Jan 5 2022	-81.70869	35.95476	63.54	-7.4	436090.38	3979162.71	467.5	49664.43	49702.68	-38.25	-41.27
Jan 5 2022	-81.70867	35.95475	63.54	-7.4	436091.95	3979161.99	468.8	49665.60	49702.67	-37.08	-41.60
Jan 5 2022	-81.70866	35.95475	63.54	-7.4	436093.34	3979161.24	470.1	49666.41	49702.68	-36.27	-41.70

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70864	35.95474	63.54	-7.4	436094.63	3979160.86	471.0	49667.21	49702.68	-35.47	-41.87
Jan 5 2022	-81.70863	35.95474	63.54	-7.4	436095.62	3979160.69	471.5	49669.85	49702.69	-32.84	-42.23
Jan 5 2022	-81.70862	35.95474	63.54	-7.4	436096.69	3979160.72	471.9	49674.16	49702.69	-28.53	-42.70
Jan 5 2022	-81.70861	35.95474	63.54	-7.4	436097.96	3979160.87	472.3	49675.13	49702.69	-27.56	-43.19
Jan 5 2022	-81.70859	35.95474	63.54	-7.4	436099.16	3979160.96	472.8	49672.57	49702.68	-30.11	-43.76
Jan 5 2022	-81.70858	35.95474	63.54	-7.4	436100.48	3979160.97	473.3	49672.99	49702.68	-29.69	-44.36
Jan 5 2022	-81.70857	35.95474	63.54	-7.4	436101.73	3979160.80	474.0	49671.54	49702.68	-31.13	-45.05
Jan 5 2022	-81.70855	35.95474	63.54	-7.4	436103.06	3979160.31	475.0	49670.86	49702.67	-31.81	-45.78
Jan 5 2022	-81.70853	35.95473	63.54	-7.4	436104.72	3979159.61	476.4	49669.46	49702.67	-33.21	-46.44
Jan 5 2022	-81.70851	35.95473	63.54	-7.4	436106.41	3979159.11	477.6	49666.92	49702.66	-35.74	-47.07
Jan 5 2022	-81.70849	35.95473	63.54	-7.4	436108.07	3979158.83	478.5	49666.77	49702.66	-35.89	-47.70
Jan 5 2022	-81.70848	35.95472	63.54	-7.4	436109.53	3979158.24	479.7	49668.54	49702.67	-34.13	-48.24
Jan 5 2022	-81.70847	35.95471	63.54	-7.4	436110.68	3979157.58	480.8	49669.62	49702.67	-33.04	-48.59
Jan 5 2022	-81.70845	35.95471	63.54	-7.4	436111.88	3979157.38	481.5	49671.41	49702.67	-31.25	-48.86
Jan 5 2022	-81.70844	35.95471	63.54	-7.4	436113.28	3979157.33	482.2	49671.23	49702.67	-31.44	-49.16
Jan 5 2022	-81.70842	35.95471	63.54	-7.4	436114.75	3979157.24	482.9	49671.20	49702.68	-31.48	-49.34
Jan 5 2022	-81.70840	35.95471	63.54	-7.4	436116.34	3979157.20	483.7	49672.38	49702.69	-30.31	-49.42
Jan 5 2022	-81.70839	35.95471	63.54	-7.4	436117.91	3979157.29	484.3	49673.22	49702.71	-29.48	-49.47
Jan 5 2022	-81.70837	35.95471	63.54	-7.4	436119.38	3979157.12	485.1	49673.78	49702.71	-28.93	-49.46
Jan 5 2022	-81.70835	35.95471	63.54	-7.4	436120.84	3979156.51	486.4	49673.75	49702.72	-28.97	-49.42
Jan 5 2022	-81.70834	35.95470	63.54	-7.4	436122.22	3979155.94	487.5	49672.91	49702.74	-29.83	-49.45
Jan 5 2022	-81.70832	35.95470	63.54	-7.4	436123.67	3979155.47	488.6	49669.90	49702.76	-32.86	-49.56
Jan 5 2022	-81.70831	35.95469	63.54	-7.4	436125.05	3979155.04	489.6	49659.88	49702.77	-42.89	-49.87
Jan 5 2022	-81.70829	35.95469	63.54	-7.4	436126.12	3979154.60	490.5	49640.81	49702.78	-61.97	-50.54
Jan 5 2022	-81.70828	35.95468	63.54	-7.4	436127.23	3979153.87	491.6	49634.03	49702.78	-68.75	-51.34

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70827	35.95467	63.54	-7.4	436128.68	3979153.05	493.1	49644.04	49702.78	-58.74	-51.92
Jan 5 2022	-81.70825	35.95467	63.54	-7.4	436130.25	3979152.43	494.3	49655.15	49702.77	-47.62	-52.23
Jan 5 2022	-81.70823	35.95466	63.54	-7.4	436131.99	3979151.88	495.6	49667.45	49702.76	-35.31	-52.19
Jan 5 2022	-81.70821	35.95466	63.54	-7.4	436133.73	3979151.37	496.9	49679.22	49702.76	-23.54	-51.82
Jan 5 2022	-81.70819	35.95466	63.54	-7.4	436135.36	3979150.91	498.1	49681.48	49702.75	-21.27	-51.22
Jan 5 2022	-81.70817	35.95465	63.54	-7.4	436136.93	3979150.39	499.3	49679.23	49702.75	-23.52	-50.24
Jan 5 2022	-81.70816	35.95465	63.54	-7.4	436138.13	3979149.79	500.4	49677.70	49702.74	-25.04	-48.67
Jan 5 2022	-81.70815	35.95464	63.54	-7.4	436139.22	3979149.16	501.5	49674.99	49702.73	-27.74	-46.73
Jan 5 2022	-81.70813	35.95463	63.54	-7.4	436140.52	3979148.46	502.7	49673.29	49702.73	-29.43	-44.38
Jan 5 2022	-81.70812	35.95463	63.54	-7.4	436141.82	3979147.71	504.0	49671.01	49702.72	-31.71	-42.00
Jan 5 2022	-81.70811	35.95462	63.54	-7.4	436142.85	3979146.88	505.2	49669.42	49702.70	-33.28	-40.48
Jan 5 2022	-81.70810	35.95461	63.54	-7.4	436144.02	3979146.26	506.3	49667.25	49702.68	-35.44	-39.49
Jan 5 2022	-81.70808	35.95461	63.54	-7.4	436145.53	3979145.95	507.3	49665.73	49702.67	-36.94	-38.84
Jan 5 2022	-81.70806	35.95461	63.54	-7.4	436146.95	3979145.64	508.3	49663.84	49702.66	-38.82	-38.02
Jan 5 2022	-81.70805	35.95461	63.54	-7.4	436148.39	3979145.30	509.3	49662.92	49702.65	-39.73	-37.02
Jan 5 2022	-81.70803	35.95460	63.54	-7.4	436149.90	3979144.97	510.3	49662.40	49702.64	-40.24	-36.28
Jan 5 2022	-81.70802	35.95460	63.54	-7.4	436151.06	3979144.63	511.2	49662.16	49702.64	-40.48	-35.79
Jan 5 2022	-81.70801	35.95460	63.54	-7.4	436152.10	3979144.30	512.0	49663.86	49702.65	-38.80	-35.45
Jan 5 2022	-81.70799	35.95459	63.54	-7.4	436153.59	3979143.85	513.1	49666.32	49702.65	-36.33	-35.28
Jan 5 2022	-81.70797	35.95459	63.54	-7.4	436155.12	3979143.34	514.4	49675.54	49702.64	-27.10	-34.99
Jan 5 2022	-81.70796	35.95458	63.54	-7.4	436156.34	3979142.62	515.6	49678.95	49702.64	-23.68	-34.66
Jan 5 2022	-81.70794	35.95458	63.54	-7.4	436157.53	3979141.89	516.8	49650.38	49702.64	-52.26	-34.92
Jan 5 2022	-81.70793	35.95457	63.54	-7.4	436158.78	3979141.45	517.8	49625.65	49702.64	-77.00	-35.69
Jan 5 2022	-81.70792	35.95457	63.54	-7.4	436160.15	3979141.25	518.7	49575.66	49702.64	-126.98	-37.49
Jan 5 2022	-81.70790	35.95457	63.54	-7.4	436161.44	3979141.25	519.3	49177.13	49702.64	-525.51	-47.28

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70788	35.95457	63.54	-7.4	436162.95	3979141.52	519.9	49150.33	49702.65	-552.33	-57.61
Jan 5 2022	-81.70787	35.95458	63.54	-7.4	436164.47	3979141.91	520.3	49421.77	49702.66	-280.89	-62.57
Jan 5 2022	-81.70785	35.95458	63.54	-7.4	436165.75	3979141.98	520.9	49403.16	49702.66	-299.50	-67.99
Jan 5 2022	-81.70784	35.95458	63.54	-7.4	436167.06	3979141.84	521.7	49391.15	49702.66	-311.51	-73.67
Jan 5 2022	-81.70782	35.95457	63.54	-7.4	436168.45	3979141.57	522.7	49424.56	49702.66	-278.10	-78.63
Jan 5 2022	-81.70780	35.95457	63.54	-7.4	436170.15	3979141.43	523.7	49465.23	49702.66	-237.44	-82.79
Jan 5 2022	-81.70778	35.95457	63.54	-7.4	436172.00	3979141.39	524.7	49490.34	49702.66	-212.32	-86.41
Jan 5 2022	-81.70777	35.95457	63.54	-7.4	436173.50	3979141.02	525.8	49528.46	49702.65	-174.19	-89.26
Jan 5 2022	-81.70775	35.95457	63.54	-7.4	436174.66	3979140.66	526.7	49594.14	49702.65	-108.51	-90.77
Jan 5 2022	-81.70774	35.95456	63.54	-7.4	436175.93	3979140.39	527.6	49650.00	49702.64	-52.64	-91.10
Jan 5 2022	-81.70772	35.95456	63.54	-7.4	436177.42	3979139.85	528.8	49679.76	49702.64	-22.88	-90.84
Jan 5 2022	-81.70771	35.95455	63.54	-7.4	436178.90	3979139.22	530.1	49684.02	49702.63	-18.61	-90.53
Jan 5 2022	-81.70769	35.95455	63.54	-7.4	436180.28	3979138.76	531.3	49678.21	49702.62	-24.41	-90.36
Jan 5 2022	-81.70768	35.95455	63.54	-7.4	436181.61	3979138.53	532.2	49672.81	49702.62	-29.81	-90.33
Jan 5 2022	-81.70766	35.95455	63.54	-7.4	436182.98	3979138.42	533.0	49670.64	49702.60	-31.97	-90.34
Jan 5 2022	-81.70765	35.95454	63.54	-7.4	436184.46	3979138.21	534.0	49669.62	49702.60	-32.98	-90.37
Jan 5 2022	-81.70763	35.95454	63.54	-7.4	436185.69	3979137.96	534.8	49667.91	49702.60	-34.69	-90.46
Jan 5 2022	-81.70762	35.95454	63.54	-7.4	436186.96	3979137.68	535.8	49666.16	49702.60	-36.44	-90.60
Jan 5 2022	-81.70760	35.95454	63.54	-7.4	436188.46	3979137.27	536.9	49664.02	49702.59	-38.57	-90.79
Jan 5 2022	-81.70758	35.95453	63.54	-7.4	436189.97	3979136.76	538.2	49662.24	49702.58	-40.34	-91.02
Jan 5 2022	-81.70757	35.95453	63.54	-7.4	436191.50	3979136.09	539.5	49664.14	49702.58	-38.44	-91.19
Jan 5 2022	-81.70755	35.95452	63.54	-7.4	436192.93	3979135.33	541.0	49662.90	49702.57	-39.67	-91.33
Jan 5 2022	-81.70754	35.95451	63.54	-7.4	436194.26	3979134.53	542.4	49655.87	49702.57	-46.70	-91.40
Jan 5 2022	-81.70752	35.95450	63.54	-7.4	436195.60	3979133.63	543.8	49644.33	49702.56	-58.22	-91.33
Jan 5 2022	-81.70751	35.95450	63.54	-7.4	436196.93	3979132.89	545.2	49620.87	49702.55	-81.68	-91.59

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70749	35.95449	63.54	-7.4	436198.11	3979132.18	546.4	49584.56	49702.55	-117.99	-92.77
Jan 5 2022	-81.70748	35.95448	63.54	-7.4	436199.27	3979131.47	547.7	49541.75	49702.54	-160.80	-95.04
Jan 5 2022	-81.70747	35.95448	63.54	-7.4	436200.43	3979130.60	549.0	49492.78	49702.54	-209.76	-98.52
Jan 5 2022	-81.70745	35.95447	63.54	-7.4	436201.65	3979129.75	550.4	49421.20	49702.53	-281.33	-103.68
Jan 5 2022	-81.70744	35.95446	63.54	-7.4	436202.80	3979128.97	551.7	49310.28	49702.53	-392.24	-111.10
Jan 5 2022	-81.70743	35.95445	63.54	-7.4	436203.60	3979127.96	553.0	49145.86	49702.53	-556.67	-121.76
Jan 5 2022	-81.70742	35.95445	63.54	-7.4	436204.40	3979127.09	554.2	48891.00	49702.52	-811.52	-137.49
Jan 5 2022	-81.70740	35.95441	63.54	-7.4	436206.60	3979123.59	558.3	49563.52	49702.50	-138.98	-139.72
Jan 5 2022	-81.70737	35.95438	63.54	-7.4	436208.90	3979119.44	563.0	50476.54	49702.47	774.07	-123.65
Jan 5 2022	-81.70736	35.95436	63.54	-7.4	436209.72	3979117.86	564.8	50204.63	49702.46	502.17	-112.97
Jan 5 2022	-81.70736	35.95435	63.54	-7.4	436210.53	3979116.37	566.5	49996.38	49702.45	293.93	-106.43
Jan 5 2022	-81.70735	35.95434	63.54	-7.4	436211.27	3979114.82	568.2	49863.69	49702.44	161.25	-102.49
Jan 5 2022	-81.70734	35.95432	63.54	-7.4	436211.86	3979113.23	569.8	49788.34	49702.44	85.91	-100.03
Jan 5 2022	-81.70733	35.95431	63.54	-7.4	436212.36	3979111.87	571.2	49738.21	49702.43	35.79	-98.54
Jan 5 2022	-81.70733	35.95430	63.54	-7.4	436212.69	3979110.52	572.6	49700.32	49702.41	-2.09	-97.79
Jan 5 2022	-81.70733	35.95428	63.54	-7.4	436212.99	3979109.14	573.9	49673.66	49702.40	-28.75	-97.56
Jan 5 2022	-81.70732	35.95427	63.54	-7.4	436213.31	3979107.89	575.1	49656.46	49702.40	-45.94	-97.67
Jan 5 2022	-81.70732	35.95426	63.54	-7.4	436213.35	3979106.58	576.2	49645.51	49702.39	-56.87	-98.03
Jan 5 2022	-81.70732	35.95425	63.54	-7.4	436213.32	3979105.15	577.4	49639.31	49702.38	-63.07	-98.57
Jan 5 2022	-81.70732	35.95424	63.54	-7.4	436213.39	3979103.65	578.7	49636.61	49702.37	-65.76	-99.34
Jan 5 2022	-81.70732	35.95422	63.54	-7.4	436213.53	3979102.09	580.1	49629.09	49702.35	-73.26	-100.33
Jan 5 2022	-81.70732	35.95421	63.54	-7.4	436213.60	3979100.47	581.5	49615.36	49702.34	-86.98	-101.02
Jan 5 2022	-81.70732	35.95419	63.54	-7.4	436213.47	3979098.81	582.8	49594.86	49702.33	-107.47	-101.63
Jan 5 2022	-81.70732	35.95418	63.54	-7.4	436213.51	3979097.32	584.1	49551.85	49702.32	-150.47	-102.10
Jan 5 2022	-81.70732	35.95417	63.54	-7.4	436213.65	3979096.06	585.2	49491.52	49702.32	-210.79	-95.81

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70732	35.95416	63.54	-7.4	436213.56	3979094.89	586.1	49443.09	49702.31	-259.21	-89.95
Jan 5 2022	-81.70732	35.95414	63.54	-7.4	436213.41	3979093.61	587.1	49433.58	49702.29	-268.72	-89.70
Jan 5 2022	-81.70732	35.95413	63.54	-7.4	436213.50	3979092.26	588.3	49475.45	49702.28	-226.84	-88.25
Jan 5 2022	-81.70731	35.95412	63.54	-7.4	436213.98	3979090.89	589.7	49543.42	49702.27	-158.85	-85.20
Jan 5 2022	-81.70731	35.95411	63.54	-7.4	436214.52	3979089.44	591.2	49592.33	49702.27	-109.93	-81.83
Jan 5 2022	-81.70731	35.95409	63.54	-7.4	436214.78	3979088.04	592.6	49615.58	49702.26	-86.68	-78.82
Jan 5 2022	-81.70730	35.95408	63.54	-7.4	436214.99	3979086.69	593.8	49626.66	49702.25	-75.58	-76.08
Jan 5 2022	-81.70730	35.95407	63.54	-7.4	436215.13	3979085.34	595.0	49629.01	49702.24	-73.23	-74.06
Jan 5 2022	-81.70730	35.95406	63.54	-7.4	436214.98	3979084.03	596.1	49627.70	49702.23	-74.53	-73.39
Jan 5 2022	-81.70730	35.95405	63.54	-7.4	436215.05	3979082.78	597.2	49638.72	49702.22	-63.50	-73.60
Jan 5 2022	-81.70730	35.95404	63.54	-7.4	436215.42	3979081.65	598.3	49670.05	49702.21	-32.16	-73.79
Jan 5 2022	-81.70729	35.95403	63.54	-7.4	436215.78	3979080.45	599.5	49713.40	49702.21	11.19	-73.19
Jan 5 2022	-81.70729	35.95401	63.54	-7.4	436215.86	3979078.95	600.8	49749.96	49702.20	47.77	-71.75
Jan 5 2022	-81.70729	35.95400	63.54	-7.4	436215.82	3979077.28	602.2	49775.69	49702.19	73.50	-69.68
Jan 5 2022	-81.70729	35.95398	63.54	-7.4	436216.12	3979075.73	603.7	49781.76	49702.18	79.58	-67.45
Jan 5 2022	-81.70729	35.95397	63.54	-7.4	436216.52	3979074.34	605.1	49778.33	49702.18	76.15	-65.27
Jan 5 2022	-81.70728	35.95396	63.54	-7.4	436216.76	3979072.91	606.4	49784.87	49702.17	82.69	-62.92
Jan 5 2022	-81.70728	35.95395	63.54	-7.4	436216.98	3979071.50	607.8	49782.84	49702.16	80.68	-60.58
Jan 5 2022	-81.70728	35.95393	63.54	-7.4	436216.95	3979069.94	609.1	49761.73	49702.15	59.58	-58.62
Jan 5 2022	-81.70728	35.95392	63.54	-7.4	436216.77	3979068.27	610.4	49750.55	49702.14	48.41	-56.84
Jan 5 2022	-81.70728	35.95390	63.54	-7.4	436216.82	3979066.70	611.8	49745.24	49702.14	43.10	-55.21
Jan 5 2022	-81.70728	35.95389	63.54	-7.4	436216.80	3979065.25	613.0	49739.06	49702.13	36.93	-53.68
Jan 5 2022	-81.70728	35.95388	63.54	-7.4	436216.80	3979063.92	614.1	49735.02	49702.13	32.89	-52.09
Jan 5 2022	-81.70728	35.95387	63.54	-7.4	436216.67	3979062.62	615.2	49735.79	49702.12	33.67	-50.25
Jan 5 2022	-81.70728	35.95385	63.54	-7.4	436216.55	3979061.29	616.2	49740.18	49702.12	38.06	-47.85

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70728	35.95384	63.54	-7.4	436216.59	3979059.92	617.4	49744.30	49702.11	42.18	-44.65
Jan 5 2022	-81.70728	35.95383	63.54	-7.4	436216.68	3979058.58	618.6	49742.51	49702.10	40.40	-40.63
Jan 5 2022	-81.70728	35.95382	63.54	-7.4	436216.87	3979057.18	619.9	49740.74	49702.09	38.65	-35.66
Jan 5 2022	-81.70728	35.95380	63.54	-7.4	436217.14	3979055.75	621.3	49736.79	49702.09	34.70	-29.34
Jan 5 2022	-81.70727	35.95379	63.54	-7.4	436217.40	3979054.29	622.7	49731.78	49702.08	29.69	-20.90
Jan 5 2022	-81.70727	35.95378	63.54	-7.4	436217.44	3979052.79	624.0	49723.20	49702.07	21.13	-9.34
Jan 5 2022	-81.70727	35.95376	63.54	-7.4	436217.38	3979051.35	625.2	49717.43	49702.06	15.38	7.20
Jan 5 2022	-81.70727	35.95375	63.54	-7.4	436217.40	3979050.18	626.2	49713.84	49702.05	11.79	10.21
Jan 5 2022	-81.70727	35.95374	63.54	-7.4	436217.60	3979049.21	627.2	49710.24	49702.04	8.20	-5.11
Jan 5 2022	-81.70727	35.95373	63.54	-7.4	436217.51	3979047.84	628.3	49706.05	49702.04	4.01	-15.07
Jan 5 2022	-81.70728	35.95372	63.54	-7.4	436217.16	3979046.40	629.4	49703.16	49702.03	1.13	-20.93
Jan 5 2022	-81.70728	35.95371	63.54	-7.4	436217.00	3979045.13	630.4	49705.08	49702.02	3.06	-24.09
Jan 5 2022	-81.70728	35.95370	63.54	-7.4	436217.14	3979043.84	631.6	49705.69	49702.01	3.68	-25.73
Jan 5 2022	-81.70727	35.95369	63.54	-7.4	436217.63	3979042.63	632.8	49697.54	49702.01	-4.47	-26.54
Jan 5 2022	-81.70726	35.95367	63.54	-7.4	436218.18	3979041.23	634.3	49685.78	49702.01	-16.23	-26.82
Jan 5 2022	-81.70726	35.95366	63.54	-7.4	436218.62	3979039.49	636.0	49678.32	49702.00	-23.68	-26.72
Jan 5 2022	-81.70725	35.95364	63.54	-7.4	436219.15	3979037.87	637.7	49682.07	49701.99	-19.92	-26.20
Jan 5 2022	-81.70725	35.95363	63.54	-7.4	436219.77	3979036.56	639.2	49685.60	49701.98	-16.38	-25.39
Jan 5 2022	-81.70724	35.95362	63.54	-7.4	436220.32	3979035.11	640.7	49684.29	49701.98	-17.70	-24.48
Jan 5 2022	-81.70724	35.95360	63.54	-7.4	436220.54	3979033.43	642.3	49678.84	49701.98	-23.14	-23.63
Jan 5 2022	-81.70724	35.95359	63.54	-7.4	436220.47	3979031.90	643.5	49671.82	49701.98	-30.16	-22.77
Jan 5 2022	-81.70724	35.95358	63.54	-7.4	436220.52	3979030.45	644.8	49665.83	49701.97	-36.15	-21.75
Jan 5 2022	-81.70723	35.95356	63.54	-7.4	436220.75	3979029.20	646.0	49659.69	49701.97	-42.27	-20.45
Jan 5 2022	-81.70723	35.95355	63.54	-7.4	436221.12	3979028.11	647.1	49663.42	49701.96	-38.54	-18.21
Jan 5 2022	-81.70722	35.95354	63.54	-7.4	436221.64	3979026.72	648.6	49666.55	49701.95	-35.40	-14.70

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70722	35.95353	63.54	-7.4	436222.35	3979025.14	650.3	49667.66	49701.94	-34.28	-10.20
Jan 5 2022	-81.70721	35.95351	63.54	-7.4	436223.25	3979023.66	652.1	49666.22	49701.93	-35.71	-5.54
Jan 5 2022	-81.70720	35.95350	63.54	-7.4	436224.00	3979022.37	653.6	49666.88	49701.93	-35.05	-1.71
Jan 5 2022	-81.70719	35.95349	63.54	-7.4	436224.42	3979021.03	654.9	49667.14	49701.92	-34.78	0.77
Jan 5 2022	-81.70719	35.95348	63.54	-7.4	436224.73	3979019.67	656.3	49668.72	49701.92	-33.20	2.31
Jan 5 2022	-81.70719	35.95347	63.54	-7.4	436225.02	3979018.31	657.6	49666.00	49701.92	-35.92	3.32
Jan 5 2022	-81.70718	35.95345	63.54	-7.4	436225.27	3979016.95	658.9	49662.44	49701.91	-39.47	4.05
Jan 5 2022	-81.70718	35.95344	63.54	-7.4	436225.55	3979015.72	660.1	49664.46	49701.91	-37.45	4.76
Jan 5 2022	-81.70718	35.95343	63.54	-7.4	436225.84	3979014.53	661.3	49670.25	49701.90	-31.66	5.62
Jan 5 2022	-81.70718	35.95342	63.54	-7.4	436225.96	3979013.27	662.4	49670.06	49701.89	-31.83	6.25
Jan 5 2022	-81.70718	35.95341	63.54	-7.4	436225.93	3979012.16	663.4	49682.91	49701.88	-18.98	6.52
Jan 5 2022	-81.70718	35.95340	63.54	-7.4	436225.87	3979011.01	664.3	49690.32	49701.88	-11.56	6.06
Jan 5 2022	-81.70718	35.95339	63.54	-7.4	436225.83	3979009.70	665.5	49686.97	49701.88	-14.91	4.81
Jan 5 2022	-81.70718	35.95338	63.54	-7.4	436225.74	3979008.27	666.7	49688.05	49701.87	-13.82	3.06
Jan 5 2022	-81.70718	35.95336	63.54	-7.4	436225.58	3979006.85	667.8	49715.40	49701.86	13.54	1.74
Jan 5 2022	-81.70718	35.95335	63.54	-7.4	436225.38	3979005.55	668.9	49775.37	49701.85	73.51	1.69
Jan 5 2022	-81.70718	35.95334	63.54	-7.4	436225.14	3979004.00	670.1	49822.88	49701.85	121.04	2.46
Jan 5 2022	-81.70719	35.95332	63.54	-7.4	436224.78	3979002.40	671.3	49883.21	49701.84	181.36	4.47
Jan 5 2022	-81.70719	35.95331	63.54	-7.4	436224.26	3979000.97	672.3	49896.91	49701.84	195.08	7.18
Jan 5 2022	-81.70720	35.95330	63.54	-7.4	436223.87	3978999.55	673.4	49899.65	49701.83	197.82	10.17
Jan 5 2022	-81.70720	35.95328	63.54	-7.4	436223.74	3978998.02	674.6	49887.65	49701.83	185.82	13.02
Jan 5 2022	-81.70720	35.95327	63.54	-7.4	436223.57	3978996.52	675.9	49816.48	49701.83	114.65	14.58
Jan 5 2022	-81.70721	35.95326	63.54	-7.4	436223.06	3978995.05	676.9	49685.40	49701.82	-16.42	13.59
Jan 5 2022	-81.70721	35.95324	63.54	-7.4	436222.54	3978993.64	677.9	49556.08	49701.81	-145.73	10.00
Jan 5 2022	-81.70721	35.95323	63.54	-7.4	436222.34	3978992.35	678.9	49495.93	49701.80	-205.87	5.12

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70722	35.95322	63.54	-7.4	436222.07	3978991.08	679.9	49474.50	49701.79	-227.28	-0.27
Jan 5 2022	-81.70722	35.95321	63.54	-7.4	436221.62	3978989.96	680.7	49458.33	49701.77	-243.44	-5.94
Jan 5 2022	-81.70723	35.95320	63.54	-7.4	436221.24	3978988.88	681.5	49461.76	49701.77	-240.00	-11.52
Jan 5 2022	-81.70723	35.95319	63.54	-7.4	436220.91	3978987.77	682.3	49507.98	49701.76	-193.78	-16.09
Jan 5 2022	-81.70723	35.95318	63.54	-7.4	436220.56	3978986.68	683.1	49575.72	49701.75	-126.04	-19.20
Jan 5 2022	-81.70724	35.95317	63.54	-7.4	436220.17	3978985.50	683.9	49624.52	49701.74	-77.22	-21.17
Jan 5 2022	-81.70724	35.95316	63.54	-7.4	436219.87	3978984.18	685.0	49656.02	49701.74	-45.72	-22.39
Jan 5 2022	-81.70724	35.95315	63.54	-7.4	436219.59	3978982.71	686.1	49671.98	49701.73	-29.75	-23.22
Jan 5 2022	-81.70725	35.95313	63.54	-7.4	436219.26	3978981.20	687.3	49679.96	49701.72	-21.76	-23.82
Jan 5 2022	-81.70725	35.95312	63.54	-7.4	436218.83	3978979.88	688.3	49684.57	49701.71	-17.14	-24.24
Jan 5 2022	-81.70726	35.95311	63.54	-7.4	436218.30	3978978.56	689.2	49689.06	49701.70	-12.65	-24.52
Jan 5 2022	-81.70726	35.95309	63.54	-7.4	436217.92	3978977.14	690.3	49696.91	49701.69	-4.78	-24.67
Jan 5 2022	-81.70727	35.95308	63.54	-7.4	436217.54	3978975.73	691.4	49703.70	49701.69	2.02	-24.71
Jan 5 2022	-81.70727	35.95307	63.54	-7.4	436216.98	3978974.40	692.3	49706.05	49701.68	4.37	-24.53
Jan 5 2022	-81.70728	35.95306	63.54	-7.4	436216.24	3978973.15	693.1	49703.37	49701.68	1.69	-24.17
Jan 5 2022	-81.70729	35.95305	63.54	-7.4	436215.54	3978971.72	694.0	49699.76	49701.67	-1.92	-23.74
Jan 5 2022	-81.70729	35.95303	63.54	-7.4	436215.04	3978970.33	695.0	49697.82	49701.67	-3.84	-23.42
Jan 5 2022	-81.70730	35.95302	63.54	-7.4	436214.65	3978969.09	695.9	49692.18	49701.66	-9.48	-23.28
Jan 5 2022	-81.70730	35.95301	63.54	-7.4	436214.26	3978967.90	696.8	49682.97	49701.66	-18.69	-23.30
Jan 5 2022	-81.70731	35.95300	63.54	-7.4	436213.79	3978966.59	697.8	49672.28	49701.65	-29.38	-23.42
Jan 5 2022	-81.70731	35.95299	63.54	-7.4	436213.12	3978965.18	698.7	49663.83	49701.65	-37.82	-23.58
Jan 5 2022	-81.70732	35.95298	63.54	-7.4	436212.51	3978964.01	699.5	49659.36	49701.64	-42.29	-23.70
Jan 5 2022	-81.70733	35.95297	63.54	-7.4	436211.91	3978963.01	700.1	49656.48	49701.64	-45.16	-23.76
Jan 5 2022	-81.70733	35.95296	63.54	-7.4	436211.28	3978962.01	700.7	49653.39	49701.64	-48.24	-23.95
Jan 5 2022	-81.70734	35.95295	63.54	-7.4	436210.65	3978960.95	701.4	49647.96	49701.64	-53.67	-24.32

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70735	35.95294	63.54	-7.4	436210.10	3978959.86	702.1	49644.68	49701.63	-56.95	-24.77
Jan 5 2022	-81.70735	35.95293	63.54	-7.4	436209.69	3978958.82	702.9	49641.99	49701.63	-59.64	-25.25
Jan 5 2022	-81.70736	35.95292	63.54	-7.4	436209.07	3978957.59	703.7	49640.67	49701.62	-60.95	-25.77
Jan 5 2022	-81.70736	35.95290	63.54	-7.4	436208.53	3978956.10	704.8	49641.39	49701.62	-60.23	-26.28
Jan 5 2022	-81.70737	35.95289	63.54	-7.4	436207.99	3978954.67	705.8	49641.11	49701.61	-60.50	-26.82
Jan 5 2022	-81.70738	35.95288	63.54	-7.4	436207.19	3978953.16	706.9	49639.77	49701.60	-61.83	-27.34
Jan 5 2022	-81.70739	35.95286	63.54	-7.4	436206.46	3978951.67	707.9	49641.53	49701.59	-60.06	-27.75
Jan 5 2022	-81.70739	35.95285	63.54	-7.4	436205.89	3978950.35	708.8	49644.00	49701.58	-57.57	-28.15
Jan 5 2022	-81.70740	35.95284	63.54	-7.4	436205.21	3978949.08	709.7	49650.03	49701.57	-51.53	-28.55
Jan 5 2022	-81.70741	35.95283	63.54	-7.4	436204.71	3978947.91	710.5	49659.22	49701.56	-42.34	-28.76
Jan 5 2022	-81.70741	35.95282	63.54	-7.4	436204.38	3978946.74	711.4	49669.15	49701.55	-32.40	-29.03
Jan 5 2022	-81.70741	35.95281	63.54	-7.4	436204.00	3978945.50	712.4	49674.51	49701.54	-27.04	-29.34
Jan 5 2022	-81.70741	35.95280	63.54	-7.4	436203.96	3978944.37	713.4	49675.83	49701.53	-25.70	-29.56
Jan 5 2022	-81.70742	35.95279	63.54	-7.4	436203.74	3978943.42	714.1	49679.11	49701.53	-22.42	-29.73
Jan 5 2022	-81.70742	35.95278	63.54	-7.4	436203.08	3978942.32	714.9	49684.92	49701.52	-16.59	-30.33
Jan 5 2022	-81.70743	35.95277	63.54	-7.4	436202.46	3978940.93	715.8	49688.36	49701.51	-13.15	-32.06
Jan 5 2022	-81.70744	35.95275	63.54	-7.4	436201.81	3978939.32	717.0	49688.71	49701.50	-12.80	-34.74
Jan 5 2022	-81.70745	35.95274	63.54	-7.4	436201.12	3978937.71	718.2	49691.63	49701.49	-9.87	-38.56
Jan 5 2022	-81.70745	35.95272	63.54	-7.4	436200.55	3978936.17	719.4	49698.41	49701.49	-3.09	-42.53
Jan 5 2022	-81.70746	35.95271	63.54	-7.4	436199.98	3978934.77	720.4	49704.84	49701.49	3.35	-46.42
Jan 5 2022	-81.70747	35.95270	63.54	-7.4	436199.25	3978933.56	721.2	49708.51	49701.48	7.03	-49.99
Jan 5 2022	-81.70747	35.95269	63.54	-7.4	436198.57	3978932.35	722.0	49708.94	49701.47	7.47	-52.14
Jan 5 2022	-81.70748	35.95268	63.54	-7.4	436197.88	3978930.98	722.9	49709.07	49701.47	7.61	-51.66
Jan 5 2022	-81.70749	35.95267	63.54	-7.4	436197.18	3978929.64	723.9	49706.07	49701.47	4.60	-48.65
Jan 5 2022	-81.70750	35.95266	63.54	-7.4	436196.55	3978928.54	724.6	49697.34	49701.47	-4.13	-44.61

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70750	35.95265	63.54	-7.4	436195.92	3978927.52	725.3	49684.54	49701.47	-16.93	-40.41
Jan 5 2022	-81.70751	35.95264	63.54	-7.4	436195.47	3978926.43	726.1	49672.15	49701.47	-29.32	-36.13
Jan 5 2022	-81.70751	35.95263	63.54	-7.4	436195.02	3978925.27	727.0	49663.77	49701.46	-37.70	-32.08
Jan 5 2022	-81.70752	35.95261	63.54	-7.4	436194.42	3978923.99	727.9	49658.48	49701.46	-42.98	-29.06
Jan 5 2022	-81.70753	35.95260	63.54	-7.4	436193.80	3978922.68	728.8	49655.92	49701.46	-45.54	-27.45
Jan 5 2022	-81.70753	35.95259	63.54	-7.4	436193.34	3978921.56	729.7	49656.29	49701.45	-45.16	-26.81
Jan 5 2022	-81.70754	35.95258	63.54	-7.4	436192.77	3978920.32	730.6	49658.65	49701.44	-42.80	-26.75
Jan 5 2022	-81.70754	35.95257	63.54	-7.4	436192.00	3978919.03	731.5	49663.64	49701.44	-37.80	-26.91
Jan 5 2022	-81.70755	35.95256	63.54	-7.4	436191.20	3978917.97	732.1	49672.37	49701.43	-29.06	-27.06
Jan 5 2022	-81.70756	35.95255	63.54	-7.4	436190.35	3978916.89	732.8	49677.18	49701.43	-24.25	-27.20
Jan 5 2022	-81.70757	35.95254	63.54	-7.4	436189.53	3978915.89	733.3	49679.24	49701.42	-22.18	-27.39
Jan 5 2022	-81.70758	35.95253	63.54	-7.4	436188.50	3978915.24	733.5	49681.34	49701.42	-20.08	-27.70
Jan 5 2022	-81.70760	35.95253	63.54	-7.4	436187.40	3978914.39	733.9	49684.89	49701.42	-16.52	-28.07
Jan 5 2022	-81.70760	35.95252	63.54	-7.4	436186.53	3978913.11	734.7	49686.11	49701.41	-15.30	-28.46
Jan 5 2022	-81.70761	35.95250	63.54	-7.4	436185.70	3978911.76	735.6	49688.17	49701.40	-13.23	-28.76
Jan 5 2022	-81.70767	35.95248	63.54	-7.4	436180.37	3978908.85	736.2	49687.65	49701.38	-13.73	-29.14
Jan 5 2022	-81.70763	35.95249	63.54	-7.4	436184.59	3978910.62	736.2	49688.44	49701.40	-12.96	-28.98
Jan 5 2022	-81.70768	35.95247	63.54	-7.4	436179.45	3978908.39	736.3	49688.77	49701.38	-12.62	-28.81
Jan 5 2022	-81.70766	35.95248	63.54	-7.4	436181.61	3978909.25	736.4	49688.02	49701.39	-13.36	-29.24
Jan 5 2022	-81.70764	35.95249	63.54	-7.4	436183.17	3978909.84	736.4	49688.53	49701.39	-12.87	-29.16
Jan 5 2022	-81.70769	35.95247	63.54	-7.4	436178.52	3978907.70	736.6	49689.08	49701.39	-12.30	-28.30
Jan 5 2022	-81.70770	35.95246	63.54	-7.4	436177.61	3978906.99	736.9	49686.43	49701.39	-14.96	-27.75
Jan 5 2022	-81.70772	35.95245	63.54	-7.4	436176.47	3978906.22	737.2	49681.53	49701.38	-19.85	-27.24
Jan 5 2022	-81.70773	35.95245	63.54	-7.4	436175.12	3978905.38	737.5	49673.66	49701.37	-27.71	-26.83
Jan 5 2022	-81.70774	35.95244	63.54	-7.4	436174.00	3978904.39	738.0	49655.66	49701.37	-45.71	-26.67

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70775	35.95243	63.54	-7.4	436173.07	3978903.25	738.7	49625.72	49701.37	-75.65	-27.05
Jan 5 2022	-81.70776	35.95242	63.54	-7.4	436172.15	3978902.24	739.3	49612.59	49701.37	-88.78	-27.63
Jan 5 2022	-81.70777	35.95241	63.54	-7.4	436171.15	3978901.33	739.7	49598.32	49701.36	-103.04	-28.47
Jan 5 2022	-81.70780	35.95240	63.54	-7.4	436169.25	3978900.28	740.0	49616.29	49701.36	-85.07	-29.67
Jan 5 2022	-81.70779	35.95240	63.54	-7.4	436170.20	3978900.72	740.0	49605.61	49701.36	-95.75	-29.18
Jan 5 2022	-81.70781	35.95239	63.54	-7.4	436168.17	3978899.52	740.3	49595.71	49701.35	-105.64	-30.55
Jan 5 2022	-81.70782	35.95238	63.54	-7.4	436167.24	3978898.72	740.7	49572.27	49701.35	-129.09	-31.93
Jan 5 2022	-81.70783	35.95238	63.54	-7.4	436166.26	3978897.79	741.2	49558.84	49701.34	-142.51	-33.63
Jan 5 2022	-81.70784	35.95236	63.54	-7.4	436165.11	3978896.45	742.1	49550.47	49701.33	-150.86	-35.62
Jan 5 2022	-81.70785	35.95235	63.54	-7.4	436163.87	3978895.17	742.8	49546.00	49701.33	-155.33	-37.88
Jan 5 2022	-81.70787	35.95234	63.54	-7.4	436162.59	3978893.97	743.5	49543.46	49701.32	-157.87	-40.38
Jan 5 2022	-81.70788	35.95233	63.54	-7.4	436161.60	3978892.81	744.2	49544.18	49701.32	-157.14	-42.99
Jan 5 2022	-81.70789	35.95232	63.54	-7.4	436160.82	3978891.74	745.0	49575.06	49701.32	-126.26	-45.00
Jan 5 2022	-81.70790	35.95231	63.54	-7.4	436159.94	3978890.47	745.8	49626.62	49701.32	-74.70	-46.04
Jan 5 2022	-81.70791	35.95230	63.54	-7.4	436159.00	3978889.19	746.7	49668.17	49701.32	-33.15	-46.37
Jan 5 2022	-81.70792	35.95229	63.54	-7.4	436157.97	3978888.01	747.4	49699.93	49701.31	-1.38	-46.14
Jan 5 2022	-81.70793	35.95228	63.54	-7.4	436156.93	3978886.98	748.0	49729.60	49701.31	28.29	-45.32
Jan 5 2022	-81.70794	35.95227	63.54	-7.4	436156.01	3978886.08	748.6	49753.80	49701.31	52.49	-44.07
Jan 5 2022	-81.70795	35.95226	63.54	-7.4	436154.93	3978885.04	749.2	49767.77	49701.31	66.46	-42.68
Jan 5 2022	-81.70797	35.95225	63.54	-7.4	436153.79	3978883.77	750.0	49781.04	49701.31	79.74	-41.15
Jan 5 2022	-81.70798	35.95224	63.54	-7.4	436152.76	3978882.56	750.8	49773.13	49701.31	71.82	-39.86
Jan 5 2022	-81.70799	35.95223	63.54	-7.4	436151.80	3978881.59	751.4	49749.12	49701.31	47.81	-39.05
Jan 5 2022	-81.70800	35.95222	63.54	-7.4	436150.85	3978880.64	751.9	49704.59	49701.31	3.28	-39.14
Jan 5 2022	-81.70801	35.95221	63.54	-7.4	436149.80	3978879.69	752.5	49695.48	49701.31	-5.83	-39.34
Jan 5 2022	-81.70802	35.95220	63.54	-7.4	436148.82	3978878.71	753.1	49769.03	49701.32	67.72	-37.91

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70803	35.95219	63.54	-7.4	436147.84	3978877.47	753.9	49825.36	49701.32	124.04	-35.09
Jan 5 2022	-81.70804	35.95218	63.54	-7.4	436146.76	3978876.10	754.8	49808.23	49701.31	106.92	-32.36
Jan 5 2022	-81.70805	35.95217	63.54	-7.4	436145.74	3978874.85	755.7	49768.14	49701.30	66.83	-30.27
Jan 5 2022	-81.70807	35.95216	63.54	-7.4	436144.66	3978873.62	756.5	49722.36	49701.30	21.06	-28.99
Jan 5 2022	-81.70808	35.95215	63.54	-7.4	436143.67	3978872.46	757.3	49688.22	49701.30	-13.08	-28.34
Jan 5 2022	-81.70809	35.95214	63.54	-7.4	436142.87	3978871.41	758.0	49668.63	49701.30	-32.67	-28.09
Jan 5 2022	-81.70809	35.95213	63.54	-7.4	436142.04	3978870.30	758.8	49664.81	49701.31	-36.50	-27.97
Jan 5 2022	-81.70810	35.95212	63.54	-7.4	436141.29	3978869.13	759.7	49667.99	49701.31	-33.32	-27.88
Jan 5 2022	-81.70811	35.95211	63.54	-7.4	436140.59	3978868.10	760.4	49664.41	49701.32	-36.91	-28.03
Jan 5 2022	-81.70812	35.95210	63.54	-7.4	436139.91	3978867.13	761.1	49660.46	49701.32	-40.86	-28.37
Jan 5 2022	-81.70813	35.95209	63.54	-7.4	436139.21	3978866.10	761.9	49656.73	49701.32	-44.59	-28.82
Jan 5 2022	-81.70814	35.95208	63.54	-7.4	436138.37	3978864.93	762.7	49651.52	49701.31	-49.80	-29.41
Jan 5 2022	-81.70815	35.95207	63.54	-7.4	436137.36	3978863.59	763.7	49642.70	49701.31	-58.61	-30.25
Jan 5 2022	-81.70816	35.95205	63.54	-7.4	436136.54	3978862.13	764.8	49636.17	49701.30	-65.13	-31.25
Jan 5 2022	-81.70816	35.95204	63.54	-7.4	436136.05	3978860.61	766.1	49633.61	49701.29	-67.68	-32.34
Jan 5 2022	-81.70816	35.95203	63.54	-7.4	436135.63	3978859.17	767.3	49630.08	49701.28	-71.20	-33.50
Jan 5 2022	-81.70817	35.95201	63.54	-7.4	436135.21	3978857.71	768.6	49624.30	49701.28	-76.98	-34.78
Jan 5 2022	-81.70817	35.95200	63.54	-7.4	436134.99	3978856.17	770.0	49613.84	49701.28	-87.44	-36.27
Jan 5 2022	-81.70817	35.95198	63.54	-7.4	436135.01	3978854.58	771.5	49603.07	49701.28	-98.21	-37.95
Jan 5 2022	-81.70817	35.95197	63.54	-7.4	436134.86	3978852.96	773.0	49594.50	49701.28	-106.77	-39.84
Jan 5 2022	-81.70818	35.95196	63.54	-7.4	436134.28	3978851.43	774.3	49579.89	49701.27	-121.38	-42.02
Jan 5 2022	-81.70819	35.95194	63.54	-7.4	436133.41	3978850.15	775.2	49580.09	49701.26	-121.17	-44.14
Jan 5 2022	-81.70820	35.95194	63.54	-7.4	436132.79	3978849.11	776.0	49617.39	49701.26	-83.87	-45.42
Jan 5 2022	-81.70820	35.95192	63.54	-7.4	436132.36	3978847.98	777.0	49778.52	49701.26	77.27	-43.32
Jan 5 2022	-81.70821	35.95191	63.54	-7.4	436131.74	3978846.50	778.2	50189.05	49701.25	487.80	-32.65

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70822	35.95188	63.54	-7.4	436130.79	3978843.47	780.8	50544.02	49701.23	842.78	-14.29
Jan 5 2022	-81.70822	35.95187	63.54	-7.4	436130.31	3978842.12	782.0	49799.09	49701.22	97.87	-10.55
Jan 5 2022	-81.70823	35.95186	63.54	-7.4	436129.95	3978840.66	783.2	49711.48	49701.21	10.27	-8.29
Jan 5 2022	-81.70823	35.95185	63.54	-7.4	436129.97	3978839.22	784.6	49734.51	49701.19	33.32	-5.71
Jan 5 2022	-81.70823	35.95183	63.54	-7.4	436129.95	3978837.84	785.9	49748.39	49701.19	47.20	-3.06
Jan 5 2022	-81.70823	35.95182	63.54	-7.4	436129.68	3978836.35	787.3	49739.24	49701.18	38.06	-0.19
Jan 5 2022	-81.70823	35.95181	63.54	-7.4	436129.51	3978834.85	788.7	49703.17	49701.17	2.00	2.44
Jan 5 2022	-81.70823	35.95180	63.54	-7.4	436129.67	3978833.82	789.7	49605.81	49701.17	-95.36	3.38
Jan 5 2022	-81.70822	35.95179	63.54	-7.4	436130.17	3978832.90	790.7	49658.02	49701.16	-43.14	5.53
Jan 5 2022	-81.70821	35.95178	63.54	-7.4	436130.96	3978831.75	792.1	50157.65	49701.16	456.49	17.77
Jan 5 2022	-81.70820	35.95177	63.54	-7.4	436131.99	3978830.82	793.3	50296.45	49701.15	595.31	32.83
Jan 5 2022	-81.70819	35.95176	63.54	-7.4	436132.87	3978829.49	794.8	50003.09	49701.13	301.96	42.02
Jan 5 2022	-81.70819	35.95174	63.54	-7.4	436133.58	3978828.02	796.4	49850.98	49701.11	149.86	47.54
Jan 5 2022	-81.70818	35.95173	63.54	-7.4	436134.28	3978826.80	797.8	49808.73	49701.10	107.63	51.18
Jan 5 2022	-81.70817	35.95172	63.54	-7.4	436134.70	3978825.53	799.1	49792.33	49701.09	91.24	53.67
Jan 5 2022	-81.70817	35.95171	63.54	-7.4	436134.95	3978824.21	800.4	49753.86	49701.08	52.78	54.76
Jan 5 2022	-81.70816	35.95170	63.54	-7.4	436135.43	3978823.06	801.7	49740.30	49701.07	39.23	54.97
Jan 5 2022	-81.70816	35.95169	63.54	-7.4	436136.14	3978821.95	803.0	49734.56	49701.06	33.50	54.59
Jan 5 2022	-81.70815	35.95168	63.54	-7.4	436136.99	3978820.73	804.4	49731.79	49701.05	30.74	53.88
Jan 5 2022	-81.70814	35.95167	63.54	-7.4	436137.89	3978819.57	805.7	49732.77	49701.04	31.73	52.92
Jan 5 2022	-81.70813	35.95166	63.54	-7.4	436138.87	3978818.64	806.9	49733.26	49701.03	32.23	52.13
Jan 5 2022	-81.70811	35.95165	63.54	-7.4	436139.97	3978817.70	808.2	49732.26	49701.02	31.23	51.80
Jan 5 2022	-81.70810	35.95164	63.54	-7.4	436141.00	3978816.66	809.4	49730.29	49701.02	29.27	52.32
Jan 5 2022	-81.70809	35.95164	63.54	-7.4	436141.88	3978815.80	810.5	49738.09	49701.01	37.08	53.18
Jan 5 2022	-81.70808	35.95163	63.54	-7.4	436142.85	3978815.15	811.4	49738.51	49701.01	37.50	52.57

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70807	35.95162	63.54	-7.4	436143.99	3978814.27	812.6	49728.85	49700.99	27.85	50.65
Jan 5 2022	-81.70805	35.95161	63.54	-7.4	436145.29	3978813.38	813.9	49721.48	49700.99	20.50	48.92
Jan 5 2022	-81.70804	35.95161	63.54	-7.4	436146.23	3978812.55	815.0	49713.25	49700.99	12.26	47.83
Jan 5 2022	-81.70804	35.95160	63.54	-7.4	436146.90	3978811.50	816.2	49705.08	49700.98	4.10	47.49
Jan 5 2022	-81.70802	35.95159	63.54	-7.4	436147.97	3978810.68	817.3	49704.01	49700.97	3.03	47.81
Jan 5 2022	-81.70801	35.95158	63.54	-7.4	436149.26	3978810.02	818.3	49702.20	49700.97	1.23	48.49
Jan 5 2022	-81.70800	35.95158	63.54	-7.4	436150.46	3978809.29	819.4	49699.95	49700.96	-1.01	49.20
Jan 5 2022	-81.70798	35.95157	63.54	-7.4	436151.59	3978808.55	820.4	49697.40	49700.96	-3.56	49.79
Jan 5 2022	-81.70797	35.95156	63.54	-7.4	436152.59	3978807.56	821.7	49693.90	49700.94	-7.04	50.39
Jan 5 2022	-81.70796	35.95155	63.54	-7.4	436153.48	3978806.44	823.0	49689.20	49700.93	-11.73	50.97
Jan 5 2022	-81.70795	35.95154	63.54	-7.4	436154.42	3978805.36	824.3	49689.76	49700.92	-11.16	51.64
Jan 5 2022	-81.70794	35.95153	63.54	-7.4	436155.40	3978804.43	825.5	49691.45	49700.91	-9.46	52.45
Jan 5 2022	-81.70793	35.95153	63.54	-7.4	436156.50	3978803.70	826.5	49690.95	49700.90	-9.95	53.42
Jan 5 2022	-81.70791	35.95152	63.54	-7.4	436157.78	3978802.80	827.8	49687.27	49700.89	-13.62	54.45
Jan 5 2022	-81.70790	35.95151	63.54	-7.4	436158.86	3978802.02	828.9	49686.70	49700.88	-14.18	55.52
Jan 5 2022	-81.70789	35.95151	63.54	-7.4	436159.62	3978801.27	829.8	49683.79	49700.87	-17.08	56.60
Jan 5 2022	-81.70788	35.95150	63.54	-7.4	436160.52	3978800.31	831.0	49679.70	49700.86	-21.17	57.72
Jan 5 2022	-81.70787	35.95149	63.54	-7.4	436161.64	3978799.42	832.2	49675.07	49700.85	-25.78	58.95
Jan 5 2022	-81.70786	35.95148	63.54	-7.4	436162.95	3978798.62	833.4	49672.08	49700.84	-28.77	60.34
Jan 5 2022	-81.70784	35.95147	63.54	-7.4	436164.37	3978797.77	834.7	49670.76	49700.84	-30.08	61.88
Jan 5 2022	-81.70783	35.95147	63.54	-7.4	436165.46	3978796.85	835.9	49669.23	49700.83	-31.61	63.67
Jan 5 2022	-81.70782	35.95146	63.54	-7.4	436166.37	3978795.92	837.0	49669.42	49700.83	-31.41	65.47
Jan 5 2022	-81.70781	35.95145	63.54	-7.4	436167.24	3978795.06	838.1	49667.01	49700.82	-33.81	66.47
Jan 5 2022	-81.70780	35.95144	63.54	-7.4	436168.15	3978794.39	839.1	49664.00	49700.81	-36.81	64.19
Jan 5 2022	-81.70779	35.95144	63.54	-7.4	436169.32	3978793.63	840.2	49663.72	49700.80	-37.08	53.69

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70777	35.95143	63.54	-7.4	436170.62	3978792.82	841.4	49663.59	49700.80	-37.21	36.09
Jan 5 2022	-81.70776	35.95142	63.54	-7.4	436171.74	3978792.08	842.4	49662.82	49700.79	-37.97	33.37
Jan 5 2022	-81.70775	35.95142	63.54	-7.4	436172.79	3978791.49	843.3	49661.97	49700.78	-38.81	32.39
Jan 5 2022	-81.70773	35.95141	63.54	-7.4	436174.03	3978791.08	844.1	49660.54	49700.78	-40.23	30.92
Jan 5 2022	-81.70772	35.95141	63.54	-7.4	436175.35	3978790.72	844.9	49659.60	49700.77	-41.16	29.15
Jan 5 2022	-81.70771	35.95141	63.54	-7.4	436176.60	3978790.30	845.7	49660.03	49700.76	-40.74	27.58
Jan 5 2022	-81.70769	35.95140	63.54	-7.4	436177.87	3978789.73	846.7	49662.08	49700.75	-38.68	26.76
Jan 5 2022	-81.70768	35.95140	63.54	-7.4	436179.20	3978789.24	847.5	49662.38	49700.74	-38.36	27.90
Jan 5 2022	-81.70766	35.95140	63.54	-7.4	436180.47	3978788.87	848.3	49664.56	49700.74	-36.18	28.04
Jan 5 2022	-81.70765	35.95139	63.54	-7.4	436181.86	3978788.44	849.2	49667.86	49700.73	-32.87	18.26
Jan 5 2022	-81.70763	35.95139	63.54	-7.4	436183.50	3978788.19	850.0	49668.40	49700.73	-32.33	5.70
Jan 5 2022	-81.70761	35.95139	63.54	-7.4	436184.98	3978787.97	850.7	49669.37	49700.73	-31.36	-0.96
Jan 5 2022	-81.70760	35.95138	63.54	-7.4	436186.31	3978787.44	851.6	49668.20	49700.72	-32.52	-4.61
Jan 5 2022	-81.70758	35.95138	63.54	-7.4	436187.87	3978786.83	852.7	49674.03	49700.72	-26.69	-7.30
Jan 5 2022	-81.70756	35.95137	63.54	-7.4	436189.34	3978786.38	853.7	49686.34	49700.72	-14.38	-9.41
Jan 5 2022	-81.70755	35.95137	63.54	-7.4	436190.91	3978786.24	854.3	49685.69	49700.71	-15.02	-10.77
Jan 5 2022	-81.70753	35.95137	63.54	-7.4	436192.61	3978786.04	855.1	49672.57	49700.71	-28.14	-12.11
Jan 5 2022	-81.70751	35.95137	63.54	-7.4	436194.07	3978785.69	855.9	49684.85	49700.71	-15.85	-13.10
Jan 5 2022	-81.70750	35.95137	63.54	-7.4	436195.48	3978785.59	856.5	49687.09	49700.71	-13.62	-13.99
Jan 5 2022	-81.70748	35.95137	63.54	-7.4	436196.88	3978785.67	856.9	49690.56	49700.71	-10.15	-14.83
Jan 5 2022	-81.70746	35.95137	63.54	-7.4	436198.36	3978785.70	857.4	49690.97	49700.71	-9.74	-15.67
Jan 5 2022	-81.70745	35.95137	63.54	-7.4	436199.97	3978785.87	857.8	49681.43	49700.72	-19.29	-16.68
Jan 5 2022	-81.70743	35.95137	63.54	-7.4	436201.53	3978786.00	858.3	49670.36	49700.72	-30.36	-17.87
Jan 5 2022	-81.70741	35.95137	63.54	-7.4	436203.00	3978785.83	858.9	49670.09	49700.72	-30.63	-19.22
Jan 5 2022	-81.70740	35.95137	63.54	-7.4	436204.37	3978785.50	859.7	49674.89	49700.72	-25.83	-20.49

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70739	35.95136	63.54	-7.4	436205.42	3978785.19	860.4	49679.07	49700.71	-21.64	-21.48
Jan 5 2022	-81.70737	35.95136	63.54	-7.4	436206.49	3978785.05	860.9	49682.67	49700.70	-18.03	-22.25
Jan 5 2022	-81.70736	35.95136	63.54	-7.4	436207.95	3978785.01	861.5	49684.13	49700.69	-16.56	-22.83
Jan 5 2022	-81.70734	35.95136	63.54	-7.4	436209.54	3978784.97	862.1	49684.33	49700.68	-16.35	-23.23
Jan 5 2022	-81.70732	35.95136	63.54	-7.4	436211.21	3978784.78	862.9	49683.76	49700.67	-16.91	-23.63
Jan 5 2022	-81.70730	35.95136	63.54	-7.4	436212.85	3978784.58	863.6	49683.25	49700.66	-17.41	-24.01
Jan 5 2022	-81.70729	35.95136	63.54	-7.4	436214.05	3978784.48	864.2	49683.75	49700.64	-16.89	-24.32
Jan 5 2022	-81.70728	35.95136	63.54	-7.4	436215.23	3978784.37	864.7	49682.06	49700.63	-18.57	-24.62
Jan 5 2022	-81.70726	35.95136	63.54	-7.4	436216.69	3978784.17	865.4	49679.26	49700.62	-21.37	-24.91
Jan 5 2022	-81.70725	35.95135	63.54	-7.4	436217.94	3978784.13	865.9	49677.65	49700.61	-22.96	-25.14
Jan 5 2022	-81.70723	35.95136	63.54	-7.4	436219.07	3978784.18	866.3	49676.62	49700.61	-24.00	-25.39
Jan 5 2022	-81.70722	35.95136	63.54	-7.4	436220.44	3978784.19	866.8	49681.40	49700.61	-19.21	-25.59
Jan 5 2022	-81.70720	35.95135	63.54	-7.4	436221.90	3978784.11	867.4	49693.37	49700.61	-7.24	-25.53
Jan 5 2022	-81.70719	35.95135	63.54	-7.4	436223.25	3978783.75	868.3	49739.75	49700.60	39.15	-24.48
Jan 5 2022	-81.70717	35.95135	63.54	-7.4	436224.53	3978783.43	869.0	49887.68	49700.60	187.08	-20.45
Jan 5 2022	-81.70716	35.95135	63.54	-7.4	436225.80	3978783.27	869.7	50121.52	49700.59	420.92	-11.69
Jan 5 2022	-81.70714	35.95135	63.54	-7.4	436227.16	3978783.09	870.3	49938.17	49700.58	237.59	-6.52
Jan 5 2022	-81.70713	35.95134	63.54	-7.4	436228.55	3978782.86	871.1	49722.47	49700.58	21.89	-5.56
Jan 5 2022	-81.70711	35.95134	63.54	-7.4	436229.86	3978782.59	871.8	49686.35	49700.57	-14.23	-5.27
Jan 5 2022	-81.70710	35.95134	63.54	-7.4	436231.13	3978782.34	872.6	49680.32	49700.57	-20.25	-5.08
Jan 5 2022	-81.70709	35.95134	63.54	-7.4	436232.37	3978782.24	873.1	49682.77	49700.56	-17.79	-4.80
Jan 5 2022	-81.70707	35.95134	63.54	-7.4	436233.88	3978782.35	873.6	49684.87	49700.56	-15.69	-4.49
Jan 5 2022	-81.70705	35.95134	63.54	-7.4	436235.55	3978782.55	874.1	49687.54	49700.56	-13.02	-4.07
Jan 5 2022	-81.70703	35.95134	63.54	-7.4	436237.07	3978782.83	874.4	49689.74	49700.56	-10.83	-3.55
Jan 5 2022	-81.70702	35.95135	63.54	-7.4	436238.45	3978783.21	874.6	49693.57	49700.56	-6.99	-2.95

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70700	35.95135	63.54	-7.4	436239.79	3978783.48	874.8	49696.09	49700.56	-4.47	-2.29
Jan 5 2022	-81.70699	35.95135	63.54	-7.4	436241.21	3978783.55	875.3	49688.51	49700.56	-12.05	-1.78
Jan 5 2022	-81.70697	35.95135	63.54	-7.4	436242.48	3978783.58	875.8	49679.42	49700.56	-21.13	-1.42
Jan 5 2022	-81.70696	35.95135	63.54	-7.4	436243.70	3978783.72	876.2	49673.82	49700.56	-26.73	-1.15
Jan 5 2022	-81.70694	35.95136	63.54	-7.4	436245.20	3978783.96	876.5	49674.07	49700.56	-26.49	-0.86
Jan 5 2022	-81.70693	35.95136	63.54	-7.4	436246.90	3978784.02	877.2	49675.39	49700.57	-25.18	-0.55
Jan 5 2022	-81.70691	35.95135	63.54	-7.4	436248.55	3978783.86	878.0	49676.75	49700.57	-23.83	-0.25
Jan 5 2022	-81.70689	35.95135	63.54	-7.4	436249.94	3978783.81	878.6	49679.08	49700.57	-21.49	0.09
Jan 5 2022	-81.70688	35.95135	63.54	-7.4	436251.19	3978783.88	879.0	49673.87	49700.56	-26.69	0.28
Jan 5 2022	-81.70686	35.95136	63.54	-7.4	436252.72	3978784.09	879.4	49645.75	49700.56	-54.81	-0.16
Jan 5 2022	-81.70684	35.95136	63.54	-7.4	436254.32	3978784.39	879.8	49651.91	49700.57	-48.65	-0.49
Jan 5 2022	-81.70683	35.95136	63.54	-7.4	436255.82	3978784.53	880.3	49666.27	49700.57	-34.29	-0.55
Jan 5 2022	-81.70681	35.95136	63.54	-7.4	436257.45	3978784.61	880.9	49672.38	49700.57	-28.19	-0.46
Jan 5 2022	-81.70679	35.95136	63.54	-7.4	436259.18	3978784.72	881.5	49673.66	49700.58	-26.92	-0.46
Jan 5 2022	-81.70677	35.95136	63.54	-7.4	436260.77	3978784.78	882.1	49674.54	49700.58	-26.04	-0.70
Jan 5 2022	-81.70676	35.95136	63.54	-7.4	436261.95	3978784.88	882.5	49675.38	49700.58	-25.20	-0.90
Jan 5 2022	-81.70675	35.95137	63.54	-7.4	436263.06	3978785.09	882.7	49676.96	49700.58	-23.61	-0.81
Jan 5 2022	-81.70673	35.95137	63.54	-7.4	436264.35	3978785.33	883.0	49677.11	49700.57	-23.46	-0.96
Jan 5 2022	-81.70672	35.95137	63.54	-7.4	436265.84	3978785.51	883.5	49677.87	49700.58	-22.71	-1.14
Jan 5 2022	-81.70670	35.95137	63.54	-7.4	436267.48	3978785.66	884.1	49679.14	49700.58	-21.44	-1.37
Jan 5 2022	-81.70668	35.95137	63.54	-7.4	436269.09	3978785.77	884.6	49678.15	49700.58	-22.44	-1.62
Jan 5 2022	-81.70666	35.95137	63.54	-7.4	436270.69	3978785.86	885.2	49677.32	49700.58	-23.27	-1.70
Jan 5 2022	-81.70664	35.95138	63.54	-7.4	436272.23	3978786.16	885.6	49676.96	49700.59	-23.62	-1.57
Jan 5 2022	-81.70663	35.95138	63.54	-7.4	436273.72	3978786.54	885.9	49675.17	49700.59	-25.42	-1.47
Jan 5 2022	-81.70661	35.95138	63.54	-7.4	436275.09	3978786.83	886.2	49674.52	49700.59	-26.06	-1.47

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70660	35.95139	63.54	-7.4	436276.41	3978787.20	886.4	49675.77	49700.59	-24.82	-1.53
Jan 5 2022	-81.70658	35.95139	63.54	-7.4	436278.05	3978787.45	886.9	49676.25	49700.59	-24.34	-1.66
Jan 5 2022	-81.70656	35.95139	63.54	-7.4	436279.88	3978787.65	887.5	49670.89	49700.60	-29.71	-1.92
Jan 5 2022	-81.70654	35.95139	63.54	-7.4	436281.46	3978787.96	887.9	49674.63	49700.60	-25.97	-2.12
Jan 5 2022	-81.70652	35.95140	63.54	-7.4	436283.04	3978788.23	888.4	49678.82	49700.61	-21.79	-2.21
Jan 5 2022	-81.70651	35.95140	63.54	-7.4	436284.74	3978788.63	888.7	49672.71	49700.62	-27.90	-2.42
Jan 5 2022	-81.70649	35.95140	63.54	-7.4	436286.17	3978788.89	889.1	49668.85	49700.62	-31.77	-2.72
Jan 5 2022	-81.70648	35.95140	63.54	-7.4	436287.33	3978788.96	889.6	49664.62	49700.61	-35.99	-3.07
Jan 5 2022	-81.70646	35.95140	63.54	-7.4	436288.60	3978789.04	890.1	49660.90	49700.61	-39.71	-3.44
Jan 5 2022	-81.70644	35.95140	63.54	-7.4	436290.25	3978788.95	890.9	49660.31	49700.61	-40.30	-3.78
Jan 5 2022	-81.70643	35.95140	63.54	-7.4	436291.89	3978788.84	891.7	49656.48	49700.61	-44.12	-4.19
Jan 5 2022	-81.70641	35.95140	63.54	-7.4	436293.28	3978788.96	892.2	49643.80	49700.60	-56.80	-4.94
Jan 5 2022	-81.70640	35.95140	63.54	-7.4	436294.75	3978789.03	892.8	49619.77	49700.58	-80.81	-6.41
Jan 5 2022	-81.70638	35.95140	63.54	-7.4	436296.50	3978788.94	893.6	49596.01	49700.57	-104.56	-9.28
Jan 5 2022	-81.70636	35.95140	63.54	-7.4	436298.31	3978788.83	894.5	49592.57	49700.57	-108.01	-15.18
Jan 5 2022	-81.70634	35.95140	63.54	-7.4	436299.96	3978788.82	895.3	49611.10	49700.57	-89.47	-25.39
Jan 5 2022	-81.70632	35.95140	63.54	-7.4	436301.36	3978788.88	895.9	49640.00	49700.58	-60.58	-31.36
Jan 5 2022	-81.70631	35.95140	63.54	-7.4	436302.76	3978788.68	896.7	49655.94	49700.57	-44.63	-32.69
Jan 5 2022	-81.70629	35.95140	63.54	-7.4	436304.10	3978788.35	897.6	49663.95	49700.57	-36.62	-33.13
Jan 5 2022	-81.70628	35.95140	63.54	-7.4	436305.16	3978788.18	898.2	49667.92	49700.57	-32.65	-33.38
Jan 5 2022	-81.70627	35.95140	63.54	-7.4	436306.31	3978788.03	898.9	49668.60	49700.57	-31.96	-33.67
Jan 5 2022	-81.70625	35.95139	63.54	-7.4	436307.76	3978787.75	899.8	49669.04	49700.56	-31.53	-33.98
Jan 5 2022	-81.70623	35.95139	63.54	-7.4	436309.20	3978787.51	900.6	49668.34	49700.57	-32.23	-34.37
Jan 5 2022	-81.70622	35.95139	63.54	-7.4	436310.57	3978787.20	901.6	49667.94	49700.57	-32.63	-34.80
Jan 5 2022	-81.70621	35.95138	63.54	-7.4	436311.74	3978786.74	902.5	49667.60	49700.57	-32.97	-35.32

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70620	35.95138	63.54	-7.4	436312.77	3978786.28	903.4	49668.09	49700.57	-32.48	-35.88
Jan 5 2022	-81.70618	35.95138	63.54	-7.4	436314.11	3978785.68	904.5	49668.81	49700.58	-31.77	-36.28
Jan 5 2022	-81.70616	35.95137	63.54	-7.4	436315.58	3978785.02	905.8	49668.58	49700.58	-31.99	-36.49
Jan 5 2022	-81.70615	35.95136	63.54	-7.4	436316.79	3978784.39	906.9	49668.88	49700.58	-31.70	-36.59
Jan 5 2022	-81.70614	35.95136	63.54	-7.4	436318.00	3978783.81	908.0	49668.46	49700.58	-32.12	-36.71
Jan 5 2022	-81.70612	35.95135	63.54	-7.4	436319.39	3978783.37	909.0	49667.70	49700.58	-32.89	-36.86
Jan 5 2022	-81.70611	35.95135	63.54	-7.4	436320.79	3978782.56	910.4	49666.02	49700.58	-34.56	-37.07
Jan 5 2022	-81.70609	35.95134	63.54	-7.4	436322.22	3978781.32	912.1	49665.86	49700.57	-34.71	-37.34
Jan 5 2022	-81.70607	35.95133	63.54	-7.4	436323.64	3978780.15	913.8	49666.27	49700.56	-34.29	-37.49
Jan 5 2022	-81.70606	35.95132	63.54	-7.4	436324.85	3978779.16	915.3	49667.26	49700.56	-33.30	-37.06
Jan 5 2022	-81.70605	35.95131	63.54	-7.4	436325.90	3978778.33	916.5	49666.80	49700.56	-33.75	-36.76
Jan 5 2022	-81.70603	35.95130	63.54	-7.4	436327.18	3978777.35	918.0	49667.47	49700.56	-33.08	-36.74
Jan 5 2022	-81.70602	35.95129	63.54	-7.4	436328.74	3978776.07	919.8	49668.29	49700.56	-32.27	-36.82
Jan 5 2022	-81.70600	35.95128	63.54	-7.4	436330.09	3978774.74	921.6	49668.19	49700.55	-32.36	-36.93
Jan 5 2022	-81.70599	35.95127	63.54	-7.4	436331.40	3978773.48	923.4	49668.23	49700.55	-32.31	-37.05
Jan 5 2022	-81.70597	35.95126	63.54	-7.4	436332.88	3978772.34	925.1	49668.11	49700.55	-32.44	-37.20
Jan 5 2022	-81.70596	35.95125	63.54	-7.4	436334.21	3978771.27	926.6	49667.74	49700.54	-32.80	-37.38
Jan 5 2022	-81.70594	35.95124	63.54	-7.4	436335.33	3978770.34	928.0	49667.68	49700.53	-32.85	-37.57
Jan 5 2022	-81.70593	35.95123	63.54	-7.4	436336.44	3978769.42	929.3	49666.73	49700.53	-33.80	-37.79
Jan 5 2022	-81.70592	35.95122	63.54	-7.4	436337.71	3978768.47	930.8	49665.31	49700.52	-35.22	-38.07
Jan 5 2022	-81.70591	35.95121	63.54	-7.4	436338.72	3978767.47	932.1	49663.83	49700.51	-36.68	-38.35
Jan 5 2022	-81.70590	35.95120	63.54	-7.4	436339.57	3978766.34	933.5	49661.07	49700.50	-39.43	-38.68
Jan 5 2022	-81.70588	35.95119	63.54	-7.4	436340.80	3978765.51	934.8	49660.04	49700.50	-40.46	-39.01
Jan 5 2022	-81.70587	35.95119	63.54	-7.4	436342.20	3978764.88	936.0	49659.79	49700.50	-40.71	-39.32
Jan 5 2022	-81.70585	35.95118	63.54	-7.4	436343.38	3978764.14	937.3	49655.92	49700.49	-44.58	-39.69

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70584	35.95117	63.54	-7.4	436344.36	3978763.24	938.5	49651.79	49700.49	-48.70	-40.17
Jan 5 2022	-81.70584	35.95117	63.54	-7.4	436344.94	3978762.29	939.6	49650.23	49700.48	-50.26	-40.68
Jan 5 2022	-81.70583	35.95116	63.54	-7.4	436345.40	3978761.10	940.9	49646.01	49700.47	-54.46	-41.18
Jan 5 2022	-81.70582	35.95114	63.54	-7.4	436346.12	3978759.83	942.4	49642.65	49700.45	-57.80	-41.82
Jan 5 2022	-81.70581	35.95114	63.54	-7.4	436347.09	3978759.02	943.5	49643.81	49700.45	-56.64	-42.51
Jan 5 2022	-81.70580	35.95113	63.54	-7.4	436348.30	3978758.05	945.0	49648.19	49700.44	-52.25	-43.00
Jan 5 2022	-81.70579	35.95112	63.54	-7.4	436349.41	3978756.64	946.7	49654.19	49700.43	-46.24	-43.29
Jan 5 2022	-81.70578	35.95110	63.54	-7.4	436350.37	3978755.08	948.6	49662.43	49700.42	-37.99	-43.33
Jan 5 2022	-81.70576	35.95109	63.54	-7.4	436351.44	3978753.56	950.4	49674.38	49700.41	-26.03	-43.06
Jan 5 2022	-81.70575	35.95108	63.54	-7.4	436352.66	3978752.35	952.0	49683.26	49700.40	-17.14	-42.59
Jan 5 2022	-81.70574	35.95107	63.54	-7.4	436353.89	3978751.19	953.7	49689.33	49700.39	-11.05	-41.93
Jan 5 2022	-81.70572	35.95105	63.54	-7.4	436355.04	3978749.88	955.4	49690.41	49700.37	-9.96	-40.99
Jan 5 2022	-81.70571	35.95104	63.54	-7.4	436356.03	3978748.45	957.1	49690.95	49700.36	-9.41	-39.57
Jan 5 2022	-81.70570	35.95103	63.54	-7.4	436356.96	3978747.01	958.8	49691.83	49700.35	-8.53	-37.65
Jan 5 2022	-81.70569	35.95102	63.54	-7.4	436358.13	3978745.82	960.4	49691.73	49700.35	-8.62	-35.66
Jan 5 2022	-81.70568	35.95101	63.54	-7.4	436359.05	3978744.89	961.6	49694.38	49700.34	-5.96	-33.99
Jan 5 2022	-81.70567	35.95100	63.54	-7.4	436359.68	3978743.96	962.8	49691.84	49700.32	-8.49	-32.95
Jan 5 2022	-81.70566	35.95099	63.54	-7.4	436360.74	3978743.01	964.1	49687.58	49700.31	-12.73	-32.31
Jan 5 2022	-81.70565	35.95098	63.54	-7.4	436361.98	3978741.99	965.6	49681.37	49700.29	-18.93	-31.95
Jan 5 2022	-81.70563	35.95097	63.54	-7.4	436363.02	3978740.89	967.1	49678.05	49700.28	-22.23	-31.75
Jan 5 2022	-81.70562	35.95096	63.54	-7.4	436364.02	3978739.79	968.5	49674.49	49700.26	-25.77	-31.62
Jan 5 2022	-81.70561	35.95096	63.54	-7.4	436365.35	3978738.86	970.0	49672.11	49700.24	-28.13	-31.55
Jan 5 2022	-81.70560	35.95095	63.54	-7.4	436366.28	3978738.10	971.1	49669.31	49700.23	-30.92	-31.53
Jan 5 2022	-81.70559	35.95094	63.54	-7.4	436366.67	3978737.16	972.1	49667.05	49700.22	-33.16	-31.54
Jan 5 2022	-81.70558	35.95093	63.54	-7.4	436367.66	3978735.71	973.8	49666.59	49700.21	-33.62	-31.55

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70556	35.95091	63.54	-7.4	436369.36	3978734.09	976.1	49666.62	49700.20	-33.58	-31.57
Jan 5 2022	-81.70555	35.95090	63.54	-7.4	436370.70	3978732.79	977.9	49664.35	49700.20	-35.85	-31.65
Jan 5 2022	-81.70554	35.95090	63.54	-7.4	436371.70	3978732.16	978.9	49658.69	49700.19	-41.51	-31.85
Jan 5 2022	-81.70553	35.95089	63.54	-7.4	436372.59	3978731.82	979.6	49666.86	49700.20	-33.34	-31.88
Jan 5 2022	-81.70552	35.95089	63.54	-7.4	436373.68	3978730.99	980.9	49669.25	49700.21	-30.95	-31.85
Jan 5 2022	-81.70550	35.95088	63.54	-7.4	436375.07	3978730.20	982.3	49666.25	49700.22	-33.97	-31.88
Jan 5 2022	-81.70549	35.95087	63.54	-7.4	436376.06	3978729.59	983.3	49664.45	49700.23	-35.78	-31.90
Jan 5 2022	-81.70548	35.95087	63.54	-7.4	436377.02	3978728.82	984.4	49664.55	49700.23	-35.68	-31.92
Jan 5 2022	-81.70547	35.95086	63.54	-7.4	436377.82	3978727.74	985.7	49669.83	49700.23	-30.41	-31.84
Jan 5 2022	-81.70546	35.95085	63.54	-7.4	436378.77	3978726.75	987.1	49673.36	49700.24	-26.88	-31.71
Jan 5 2022	-81.70544	35.95084	63.54	-7.4	436380.00	3978725.86	988.4	49677.27	49700.25	-22.98	-31.50
Jan 5 2022	-81.70543	35.95083	63.54	-7.4	436381.05	3978725.08	989.6	49683.78	49700.26	-16.48	-31.17
Jan 5 2022	-81.70542	35.95083	63.54	-7.4	436381.89	3978724.55	990.5	49689.36	49700.26	-10.90	-30.74
Jan 5 2022	-81.70541	35.95082	63.54	-7.4	436382.76	3978723.78	991.6	49675.40	49700.25	-24.86	-30.59
Jan 5 2022	-81.70540	35.95081	63.54	-7.4	436383.73	3978722.72	993.0	49648.72	49700.25	-51.53	-30.97
Jan 5 2022	-81.70539	35.95080	63.54	-7.4	436384.63	3978721.74	994.3	49629.31	49700.25	-70.95	-31.74
Jan 5 2022	-81.70538	35.95079	63.54	-7.4	436385.73	3978720.71	995.7	49625.26	49700.25	-74.99	-32.59
Jan 5 2022	-81.70537	35.95078	63.54	-7.4	436386.92	3978719.54	997.3	49633.49	49700.24	-66.75	-33.27
Jan 5 2022	-81.70535	35.95077	63.54	-7.4	436388.15	3978718.36	999.0	49644.59	49700.23	-55.65	-33.70
Jan 5 2022	-81.70534	35.95076	63.54	-7.4	436389.22	3978717.13	1000.6	49654.49	49700.23	-45.74	-33.91
Jan 5 2022	-81.70533	35.95075	63.54	-7.4	436390.01	3978715.88	1002.0	49661.04	49700.22	-39.19	-33.96
Jan 5 2022	-81.70532	35.95074	63.54	-7.4	436390.94	3978714.79	1003.5	49664.46	49700.22	-35.76	-33.89
Jan 5 2022	-81.70531	35.95073	63.54	-7.4	436391.79	3978713.79	1004.7	49667.65	49700.22	-32.57	-33.73
Jan 5 2022	-81.70530	35.95072	63.54	-7.4	436392.66	3978712.77	1006.1	49671.38	49700.21	-28.83	-33.49
Jan 5 2022	-81.70529	35.95072	63.54	-7.4	436393.88	3978711.97	1007.4	49673.78	49700.21	-26.42	-33.13

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.70528	35.95071	63.54	-7.4	436395.07	3978711.17	1008.6	49675.81	49700.21	-24.39	-32.65	
Jan 5 2022	-81.70526	35.95070	63.54	-7.4	436396.34	3978710.34	1010.0	49679.58	49700.20	-20.62	-32.05	
Jan 5 2022	-81.70525	35.95069	63.54	-7.4	436397.59	3978709.62	1011.2	49682.07	49700.20	-18.13	-31.33	
Jan 5 2022	-81.70524	35.95069	63.54	-7.4	436398.62	3978708.81	1012.4	49684.35	49700.19	-15.85	-30.49	
Jan 5 2022	-81.70522	35.95068	63.54	-7.4	436399.72	3978707.97	1013.7	49690.07	49700.19	-10.12	-29.56	
Jan 5 2022	-81.70521	35.95067	63.54	-7.4	436400.73	3978707.08	1015.0	49695.95	49700.18	-4.23	-28.60	
Jan 5 2022	-81.70520	35.95066	63.54	-7.4	436401.67	3978706.16	1016.3	49706.41	49700.19	6.22	-27.55	
Jan 5 2022	-81.70519	35.95066	63.54	-7.4	436402.79	3978705.28	1017.6	49717.74	49700.18	17.55	-26.44	
Jan 5 2022	-81.70518	35.95065	63.54	-7.4	436403.81	3978704.32	1018.9	49703.97	49700.18	3.79	-25.84	
Jan 5 2022	-81.70517	35.95064	63.54	-7.4	436404.55	3978703.32	1020.1	49636.13	49700.18	-64.06	-26.78	
Jan 5 2022	-81.70516	35.95063	63.54	-7.4	436405.47	3978702.42	1021.4	49362.81	49700.19	-337.38	-33.30	
Jan 5 2022	-81.70503	35.95053	63.54	-7.4	436417.56	3978690.72	1037.6	50374.95	49700.13	674.82	-19.61	
Jan 5 2022	-81.70501	35.95051	63.54	-7.4	436419.31	3978688.68	1040.2	48747.51	49700.11	-952.60	-38.47	
Jan 5 2022	-81.70489	35.95043	63.54	-7.4	436429.62	3978680.12	1052.8	50400.25	49700.05	700.19	-24.30	
Jan 5 2022	-81.70488	35.95043	63.54	-7.4	436430.79	3978679.77	1053.7	50156.44	49700.05	456.39	-15.00	
Jan 5 2022	-81.70486	35.95042	63.54	-7.4	436431.97	3978679.38	1054.6	49987.55	49700.04	287.51	-9.13	
Jan 5 2022	-81.70485	35.95042	63.54	-7.4	436433.37	3978678.77	1055.8	49884.70	49700.03	184.66	-5.27	
Jan 5 2022	-81.70483	35.95041	63.54	-7.4	436434.65	3978678.16	1057.0	49855.87	49700.03	155.84	-1.89	
Jan 5 2022	-81.70482	35.95041	63.54	-7.4	436435.84	3978677.69	1058.0	49841.03	49700.03	141.00	1.30	
Jan 5 2022	-81.70481	35.95040	63.54	-7.4	436436.88	3978677.12	1059.1	49841.43	49700.03	141.40	4.58	
Jan 5 2022	-81.70480	35.95040	63.54	-7.4	436437.92	3978676.44	1060.2	49835.97	49700.02	135.94	7.81	
Jan 5 2022	-81.70478	35.95039	63.54	-7.4	436439.21	3978675.90	1061.3	49835.49	49700.02	135.46	11.08	
Jan 5 2022	-81.70477	35.95039	63.54	-7.4	436440.51	3978675.51	1062.3	49830.63	49700.02	130.60	14.31	
Jan 5 2022	-81.70476	35.95039	63.54	-7.4	436441.76	3978675.08	1063.3	49804.68	49700.03	104.65	17.07	
Jan 5 2022	-81.70474	35.95038	63.54	-7.4	436443.18	3978674.84	1064.2	49774.20	49700.03	74.17	19.23	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70472	35.95038	63.54	-7.4	436444.55	3978674.76	1065.0	49760.89	49700.03	60.86	21.11
Jan 5 2022	-81.70471	35.95038	63.54	-7.4	436445.69	3978674.56	1065.8	49758.59	49700.03	58.57	23.00
Jan 5 2022	-81.70470	35.95038	63.54	-7.4	436446.95	3978674.26	1066.7	49756.69	49700.03	56.67	24.97
Jan 5 2022	-81.70468	35.95038	63.54	-7.4	436448.25	3978674.01	1067.5	49757.76	49700.03	57.73	26.79
Jan 5 2022	-81.70467	35.95038	63.54	-7.4	436449.43	3978673.92	1068.2	49763.93	49700.03	63.90	28.69
Jan 5 2022	-81.70466	35.95037	63.54	-7.4	436450.75	3978673.75	1069.1	49771.99	49700.03	71.96	30.80
Jan 5 2022	-81.70464	35.95037	63.54	-7.4	436452.04	3978673.51	1069.9	49784.63	49700.03	84.61	33.21
Jan 5 2022	-81.70463	35.95037	63.54	-7.4	436453.36	3978673.41	1070.7	49805.75	49700.02	105.73	36.04
Jan 5 2022	-81.70461	35.95037	63.54	-7.4	436454.82	3978673.21	1071.6	49796.92	49700.02	96.90	38.59
Jan 5 2022	-81.70460	35.95037	63.54	-7.4	436456.23	3978672.94	1072.6	49705.09	49700.03	5.06	39.22
Jan 5 2022	-81.70458	35.95037	63.54	-7.4	436457.52	3978672.88	1073.3	49627.82	49700.03	-72.22	38.24
Jan 5 2022	-81.70457	35.95037	63.54	-7.4	436458.71	3978672.85	1074.0	49628.12	49700.03	-71.90	37.13
Jan 5 2022	-81.70455	35.95037	63.54	-7.4	436460.01	3978672.74	1074.7	49632.95	49700.02	-67.07	36.01
Jan 5 2022	-81.70454	35.95037	63.54	-7.4	436461.46	3978672.70	1075.5	49639.45	49700.02	-60.57	35.29
Jan 5 2022	-81.70452	35.95037	63.54	-7.4	436462.92	3978672.69	1076.3	49646.92	49700.01	-53.09	35.26
Jan 5 2022	-81.70451	35.95037	63.54	-7.4	436464.24	3978672.64	1077.0	49645.99	49700.00	-54.01	35.60
Jan 5 2022	-81.70449	35.95036	63.54	-7.4	436465.56	3978672.47	1077.9	49648.44	49700.00	-51.55	36.07
Jan 5 2022	-81.70448	35.95036	63.54	-7.4	436466.88	3978672.35	1078.7	49657.10	49699.99	-42.89	36.55
Jan 5 2022	-81.70446	35.95036	63.54	-7.4	436468.05	3978672.42	1079.2	49663.18	49699.98	-36.80	36.92
Jan 5 2022	-81.70445	35.95036	63.54	-7.4	436469.23	3978672.39	1079.9	49668.82	49699.98	-31.16	37.22
Jan 5 2022	-81.70444	35.95036	63.54	-7.4	436470.57	3978672.12	1080.8	49672.11	49699.97	-27.87	37.44
Jan 5 2022	-81.70442	35.95036	63.54	-7.4	436471.81	3978671.84	1081.7	49675.78	49699.96	-24.19	37.67
Jan 5 2022	-81.70441	35.95036	63.54	-7.4	436473.12	3978671.54	1082.7	49681.21	49699.96	-18.75	37.95
Jan 5 2022	-81.70439	35.95035	63.54	-7.4	436474.59	3978671.03	1083.9	49686.30	49699.96	-13.67	38.25
Jan 5 2022	-81.70438	35.95035	63.54	-7.4	436475.98	3978670.37	1085.2	49692.65	49699.96	-7.31	38.64

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70436	35.95034	63.54	-7.4	436477.37	3978669.57	1086.6	49699.89	49699.95	-0.07	39.12
Jan 5 2022	-81.70435	35.95033	63.54	-7.4	436478.70	3978668.73	1088.0	49705.12	49699.95	5.17	39.64
Jan 5 2022	-81.70433	35.95033	63.54	-7.4	436480.07	3978668.12	1089.3	49707.35	49699.95	7.39	40.15
Jan 5 2022	-81.70431	35.95032	63.54	-7.4	436481.57	3978667.68	1090.4	49704.15	49699.96	4.19	40.55
Jan 5 2022	-81.70430	35.95032	63.54	-7.4	436483.19	3978667.34	1091.6	49697.63	49699.96	-2.34	40.70
Jan 5 2022	-81.70428	35.95032	63.54	-7.4	436484.67	3978666.88	1092.8	49692.28	49699.96	-7.69	40.64
Jan 5 2022	-81.70426	35.95031	63.54	-7.4	436486.03	3978666.31	1094.0	49686.00	49699.96	-13.96	40.23
Jan 5 2022	-81.70425	35.95031	63.54	-7.4	436487.63	3978665.84	1095.2	49675.47	49699.96	-24.49	39.39
Jan 5 2022	-81.70423	35.95030	63.54	-7.4	436489.26	3978665.48	1096.4	49658.76	49699.95	-41.20	38.49
Jan 5 2022	-81.70421	35.95030	63.54	-7.4	436490.79	3978665.02	1097.6	49652.74	49699.94	-47.21	38.83
Jan 5 2022	-81.70420	35.95029	63.54	-7.4	436492.27	3978664.42	1099.0	49680.17	49699.94	-19.77	45.18
Jan 5 2022	-81.70418	35.95029	63.54	-7.4	436493.66	3978663.91	1100.1	49698.29	49699.93	-1.65	31.65
Jan 5 2022	-81.70416	35.95029	63.54	-7.4	436495.04	3978663.47	1101.3	49697.21	49699.94	-2.73	50.65
Jan 5 2022	-81.70415	35.95028	63.54	-7.4	436496.41	3978663.03	1102.4	49691.64	49699.94	-8.30	36.48
Jan 5 2022	-81.70413	35.95028	63.54	-7.4	436497.77	3978662.63	1103.4	49688.84	49699.94	-11.09	27.13
Jan 5 2022	-81.70412	35.95027	63.54	-7.4	436499.14	3978662.19	1104.5	49687.78	49699.93	-12.15	21.14
Jan 5 2022	-81.70410	35.95027	63.54	-7.4	436500.51	3978661.58	1105.8	49687.90	49699.93	-12.03	17.20
Jan 5 2022	-81.70409	35.95026	63.54	-7.4	436501.81	3978660.82	1107.2	49687.46	49699.92	-12.46	13.84
Jan 5 2022	-81.70408	35.95025	63.54	-7.4	436502.91	3978659.94	1108.5	49687.46	49699.91	-12.45	10.77
Jan 5 2022	-81.70407	35.95024	63.54	-7.4	436503.79	3978658.82	1109.9	49688.16	49699.91	-11.75	7.70
Jan 5 2022	-81.70406	35.95023	63.54	-7.4	436504.53	3978657.73	1111.2	49688.84	49699.90	-11.05	4.76
Jan 5 2022	-81.70405	35.95023	63.54	-7.4	436505.25	3978656.88	1112.3	49688.85	49699.88	-11.04	1.83
Jan 5 2022	-81.70404	35.95022	63.54	-7.4	436505.98	3978656.03	1113.5	49687.54	49699.87	-12.33	-1.02
Jan 5 2022	-81.70403	35.95021	63.54	-7.4	436507.01	3978655.23	1114.7	49687.33	49699.86	-12.53	-3.37
Jan 5 2022	-81.70402	35.95020	63.54	-7.4	436508.04	3978654.42	1115.9	49687.05	49699.86	-12.81	-5.11

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70401	35.95019	63.54	-7.4	436508.87	3978653.36	1117.3	49686.06	49699.86	-13.79	-6.60
Jan 5 2022	-81.70400	35.95019	63.54	-7.4	436509.89	3978652.31	1118.7	49682.70	49699.85	-17.14	-8.12
Jan 5 2022	-81.70399	35.95018	63.54	-7.4	436510.81	3978651.20	1120.1	49677.99	49699.83	-21.83	-9.69
Jan 5 2022	-81.70398	35.95016	63.54	-7.4	436511.55	3978650.01	1121.5	49692.81	49699.81	-7.00	-10.98
Jan 5 2022	-81.70397	35.95016	63.54	-7.4	436512.55	3978648.95	1123.0	49700.85	49699.80	1.05	-12.24
Jan 5 2022	-81.70396	35.95015	63.54	-7.4	436513.59	3978647.94	1124.4	49694.61	49699.79	-5.18	-13.78
Jan 5 2022	-81.70395	35.95014	63.54	-7.4	436514.61	3978647.11	1125.6	49695.25	49699.79	-4.54	-15.56
Jan 5 2022	-81.70393	35.95013	63.54	-7.4	436515.66	3978646.31	1126.9	49698.40	49699.78	-1.38	-17.70
Jan 5 2022	-81.70392	35.95012	63.54	-7.4	436516.73	3978645.21	1128.4	49704.58	49699.77	4.81	-19.55
Jan 5 2022	-81.70391	35.95011	63.54	-7.4	436517.83	3978644.08	1129.9	49710.11	49699.77	10.34	-19.44
Jan 5 2022	-81.70390	35.95010	63.54	-7.4	436518.82	3978643.08	1131.3	49709.46	49699.77	9.68	-17.80
Jan 5 2022	-81.70389	35.95009	63.54	-7.4	436519.71	3978642.01	1132.7	49705.23	49699.76	5.47	-16.26
Jan 5 2022	-81.70388	35.95008	63.54	-7.4	436520.59	3978640.89	1134.1	49701.37	49699.75	1.62	-14.88
Jan 5 2022	-81.70387	35.95007	63.54	-7.4	436521.54	3978639.68	1135.6	49700.66	49699.74	0.92	-13.65
Jan 5 2022	-81.70386	35.95006	63.54	-7.4	436522.60	3978638.48	1137.2	49702.45	49699.73	2.71	-12.54
Jan 5 2022	-81.70384	35.95005	63.54	-7.4	436523.89	3978637.35	1138.9	49688.60	49699.73	-11.13	-11.68
Jan 5 2022	-81.70383	35.95004	63.54	-7.4	436524.97	3978635.98	1140.6	49674.85	49699.73	-24.88	-11.14
Jan 5 2022	-81.70382	35.95003	63.54	-7.4	436525.83	3978634.41	1142.4	49663.42	49699.73	-36.30	-11.01
Jan 5 2022	-81.70381	35.95001	63.54	-7.4	436526.79	3978632.86	1144.2	49649.47	49699.72	-50.25	-11.28
Jan 5 2022	-81.70380	35.95000	63.54	-7.4	436527.64	3978631.25	1146.0	49630.73	49699.71	-68.99	-12.04
Jan 5 2022	-81.70379	35.94998	63.54	-7.4	436528.39	3978629.53	1147.9	49620.66	49699.70	-79.04	-13.06
Jan 5 2022	-81.70379	35.94996	63.54	-7.4	436528.90	3978627.71	1149.7	49672.61	49699.69	-27.08	-13.12
Jan 5 2022	-81.70378	35.94995	63.54	-7.4	436529.33	3978625.85	1151.5	50152.39	49699.67	452.72	-3.69
Jan 5 2022	-81.70376	35.94990	63.54	-7.4	436531.03	3978620.68	1156.7	50173.23	49699.65	473.58	6.05
Jan 5 2022	-81.70375	35.94989	63.54	-7.4	436531.66	3978619.18	1158.3	49792.21	49699.65	92.57	8.05

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70375	35.94988	63.54	-7.4	436532.27	3978617.75	1159.9	49569.92	49699.64	-129.72	5.46
Jan 5 2022	-81.70374	35.94986	63.54	-7.4	436532.92	3978616.42	1161.3	49585.64	49699.63	-113.99	3.08
Jan 5 2022	-81.70373	35.94985	63.54	-7.4	436533.45	3978615.23	1162.6	50147.53	49699.62	447.91	11.89
Jan 5 2022	-81.70373	35.94984	63.54	-7.4	436534.02	3978614.10	1163.9	49894.94	49699.62	195.32	15.71
Jan 5 2022	-81.70372	35.94983	63.54	-7.4	436534.69	3978612.88	1165.3	49716.07	49699.62	16.45	16.08
Jan 5 2022	-81.70372	35.94982	63.54	-7.4	436535.12	3978611.62	1166.6	49682.75	49699.61	-16.87	15.90
Jan 5 2022	-81.70371	35.94981	63.54	-7.4	436535.21	3978610.20	1167.8	49672.16	49699.61	-27.45	15.63
Jan 5 2022	-81.70371	35.94979	63.54	-7.4	436535.36	3978608.82	1169.0	49668.45	49699.60	-31.16	15.50
Jan 5 2022	-81.70371	35.94978	63.54	-7.4	436535.51	3978607.52	1170.2	49666.95	49699.60	-32.65	15.67
Jan 5 2022	-81.70371	35.94977	63.54	-7.4	436535.50	3978606.30	1171.2	49668.29	49699.59	-31.31	15.99
Jan 5 2022	-81.70371	35.94976	63.54	-7.4	436535.48	3978605.11	1172.2	49670.65	49699.58	-28.93	15.80
Jan 5 2022	-81.70371	35.94975	63.54	-7.4	436535.56	3978603.75	1173.4	49669.24	49699.57	-30.33	15.23
Jan 5 2022	-81.70371	35.94974	63.54	-7.4	436535.73	3978602.30	1174.7	49667.45	49699.56	-32.11	14.64
Jan 5 2022	-81.70371	35.94972	63.54	-7.4	436535.49	3978600.85	1175.8	49668.26	49699.56	-31.30	14.18
Jan 5 2022	-81.70372	35.94971	63.54	-7.4	436535.02	3978599.37	1176.8	49670.46	49699.56	-29.10	13.82
Jan 5 2022	-81.70372	35.94970	63.54	-7.4	436534.70	3978597.96	1177.8	49673.92	49699.55	-25.63	13.55
Jan 5 2022	-81.70372	35.94968	63.54	-7.4	436534.35	3978596.54	1178.8	49675.38	49699.54	-24.16	13.31
Jan 5 2022	-81.70373	35.94967	63.54	-7.4	436534.01	3978595.14	1179.8	49674.13	49699.54	-25.40	13.05
Jan 5 2022	-81.70373	35.94966	63.54	-7.4	436533.73	3978593.81	1180.8	49671.97	49699.54	-27.57	12.75
Jan 5 2022	-81.70373	35.94965	63.54	-7.4	436533.55	3978592.42	1181.8	49672.16	49699.53	-27.37	12.44
Jan 5 2022	-81.70373	35.94963	63.54	-7.4	436533.41	3978590.94	1183.0	49673.43	49699.52	-26.09	12.13
Jan 5 2022	-81.70374	35.94962	63.54	-7.4	436533.11	3978589.53	1184.0	49672.58	49699.52	-26.94	11.82
Jan 5 2022	-81.70374	35.94961	63.54	-7.4	436532.61	3978588.14	1185.0	49671.76	49699.51	-27.74	11.51
Jan 5 2022	-81.70375	35.94960	63.54	-7.4	436531.99	3978586.70	1185.8	49673.17	49699.50	-26.33	11.23
Jan 5 2022	-81.70375	35.94958	63.54	-7.4	436531.41	3978585.42	1186.6	49672.08	49699.49	-27.42	10.94

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70376	35.94957	63.54	-7.4	436530.81	3978584.19	1187.3	49668.46	49699.49	-31.02	10.60
Jan 5 2022	-81.70377	35.94956	63.54	-7.4	436530.31	3978582.85	1188.2	49667.30	49699.48	-32.18	10.29
Jan 5 2022	-81.70377	35.94955	63.54	-7.4	436529.92	3978581.54	1189.1	49663.96	49699.48	-35.52	10.02
Jan 5 2022	-81.70378	35.94954	63.54	-7.4	436529.35	3978580.33	1189.8	49660.24	49699.47	-39.23	9.38
Jan 5 2022	-81.70379	35.94953	63.54	-7.4	436528.61	3978579.12	1190.5	49661.01	49699.46	-38.45	8.59
Jan 5 2022	-81.70379	35.94952	63.54	-7.4	436527.79	3978577.99	1191.0	49661.52	49699.46	-37.94	7.93
Jan 5 2022	-81.70380	35.94951	63.54	-7.4	436527.04	3978576.84	1191.6	49664.18	49699.45	-35.27	7.32
Jan 5 2022	-81.70381	35.94950	63.54	-7.4	436526.27	3978575.76	1192.1	49666.36	49699.45	-33.09	6.68
Jan 5 2022	-81.70382	35.94949	63.54	-7.4	436525.63	3978574.72	1192.6	49668.69	49699.44	-30.76	5.97
Jan 5 2022	-81.70383	35.94948	63.54	-7.4	436524.80	3978573.63	1193.1	49672.30	49699.44	-27.14	5.22
Jan 5 2022	-81.70384	35.94947	63.54	-7.4	436524.05	3978572.67	1193.5	49676.18	49699.44	-23.26	4.56
Jan 5 2022	-81.70384	35.94946	63.54	-7.4	436523.44	3978571.66	1194.1	49678.44	49699.44	-21.00	4.03
Jan 5 2022	-81.70385	35.94945	63.54	-7.4	436522.54	3978570.52	1194.6	49677.79	49699.43	-21.64	3.57
Jan 5 2022	-81.70386	35.94944	63.54	-7.4	436521.74	3978569.27	1195.2	49674.58	49699.43	-24.85	3.05
Jan 5 2022	-81.70387	35.94943	63.54	-7.4	436521.04	3978567.97	1196.0	49674.59	49699.43	-24.83	2.50
Jan 5 2022	-81.70388	35.94941	63.54	-7.4	436520.37	3978566.75	1196.7	49673.61	49699.42	-25.81	2.21
Jan 5 2022	-81.70389	35.94941	63.54	-7.4	436519.50	3978565.68	1197.1	49672.47	49699.42	-26.95	2.17
Jan 5 2022	-81.70390	35.94940	63.54	-7.4	436518.44	3978564.68	1197.4	49670.48	49699.41	-28.93	2.31
Jan 5 2022	-81.70391	35.94939	63.54	-7.4	436517.47	3978563.63	1197.8	49668.82	49699.41	-30.59	2.71
Jan 5 2022	-81.70392	35.94938	63.54	-7.4	436516.65	3978562.51	1198.4	49668.91	49699.41	-30.50	3.48
Jan 5 2022	-81.70393	35.94937	63.54	-7.4	436515.84	3978561.33	1198.9	49670.77	49699.40	-28.63	4.49
Jan 5 2022	-81.70393	35.94935	63.54	-7.4	436515.00	3978560.07	1199.6	49674.33	49699.39	-25.06	4.53
Jan 5 2022	-81.70394	35.94934	63.54	-7.4	436514.11	3978558.78	1200.2	49681.23	49699.39	-18.15	-4.89
Jan 5 2022	-81.70395	35.94933	63.54	-7.4	436513.27	3978557.49	1200.9	49688.06	49699.39	-11.33	-14.59
Jan 5 2022	-81.70396	35.94932	63.54	-7.4	436512.49	3978556.18	1201.6	49693.35	49699.38	-6.03	-16.56

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70397	35.94931	63.54	-7.4	436511.58	3978554.92	1202.3	49688.13	49699.37	-11.24	-14.19
Jan 5 2022	-81.70398	35.94930	63.54	-7.4	436510.73	3978553.85	1202.8	49682.98	49699.36	-16.38	-12.24
Jan 5 2022	-81.70399	35.94929	63.54	-7.4	436510.09	3978552.82	1203.3	49680.26	49699.35	-19.10	-21.58
Jan 5 2022	-81.70400	35.94928	63.54	-7.4	436509.36	3978551.71	1203.9	49678.63	49699.35	-20.72	-25.90
Jan 5 2022	-81.70401	35.94927	63.54	-7.4	436508.36	3978550.59	1204.3	49676.87	49699.35	-22.47	-26.68
Jan 5 2022	-81.70402	35.94926	63.54	-7.4	436507.53	3978549.21	1205.1	49673.59	49699.34	-25.75	-26.86
Jan 5 2022	-81.70403	35.94925	63.54	-7.4	436506.64	3978548.06	1205.7	49667.90	49699.33	-31.43	-26.94
Jan 5 2022	-81.70404	35.94924	63.54	-7.4	436505.47	3978547.09	1205.9	49660.60	49699.33	-38.73	-27.09
Jan 5 2022	-81.70405	35.94923	63.54	-7.4	436504.63	3978545.84	1206.6	49660.85	49699.33	-38.49	-27.20
Jan 5 2022	-81.70406	35.94921	63.54	-7.4	436503.50	3978544.57	1207.1	49660.13	49699.33	-39.20	-27.36
Jan 5 2022	-81.70407	35.94921	63.54	-7.4	436502.37	3978543.71	1207.3	49654.24	49699.32	-45.08	-27.69
Jan 5 2022	-81.70408	35.94920	63.54	-7.4	436501.54	3978542.92	1207.5	49647.39	49699.31	-51.92	-28.12
Jan 5 2022	-81.70410	35.94919	63.54	-7.4	436500.31	3978541.81	1207.9	49641.30	49699.31	-58.01	-28.63
Jan 5 2022	-81.70411	35.94918	63.54	-7.4	436499.16	3978540.51	1208.5	49638.65	49699.30	-60.66	-29.22
Jan 5 2022	-81.70415	35.94915	63.54	-7.4	436495.04	3978537.44	1209.1	49640.80	49699.28	-58.48	-31.19
Jan 5 2022	-81.70412	35.94917	63.54	-7.4	436498.24	3978539.26	1209.1	49639.51	49699.30	-59.78	-29.84
Jan 5 2022	-81.70417	35.94914	63.54	-7.4	436493.93	3978536.64	1209.2	49639.40	49699.28	-59.87	-31.88
Jan 5 2022	-81.70414	35.94916	63.54	-7.4	436496.74	3978538.28	1209.2	49640.45	49699.29	-58.84	-30.50
Jan 5 2022	-81.70417	35.94913	63.54	-7.4	436493.26	3978535.61	1209.8	49637.25	49699.28	-62.03	-32.56
Jan 5 2022	-81.70418	35.94912	63.54	-7.4	436492.43	3978534.38	1210.5	49635.30	49699.28	-63.98	-33.30
Jan 5 2022	-81.70419	35.94911	63.54	-7.4	436491.34	3978533.14	1211.0	49632.67	49699.27	-66.60	-34.11
Jan 5 2022	-81.70421	35.94910	63.54	-7.4	436490.35	3978531.98	1211.5	49631.14	49699.26	-68.12	-34.93
Jan 5 2022	-81.70421	35.94909	63.54	-7.4	436489.53	3978531.05	1211.9	49631.23	49699.26	-68.04	-35.74
Jan 5 2022	-81.70423	35.94908	63.54	-7.4	436488.58	3978530.13	1212.3	49631.61	49699.26	-67.65	-36.56
Jan 5 2022	-81.70424	35.94907	63.54	-7.4	436487.30	3978529.09	1212.6	49629.91	49699.26	-69.35	-37.40

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70425	35.94906	63.54	-7.4	436486.07	3978528.00	1212.9	49628.29	49699.25	-70.96	-38.20
Jan 5 2022	-81.70426	35.94905	63.54	-7.4	436485.00	3978526.95	1213.3	49628.73	49699.24	-70.52	-38.97
Jan 5 2022	-81.70428	35.94905	63.54	-7.4	436483.96	3978526.01	1213.6	49629.88	49699.24	-69.36	-39.64
Jan 5 2022	-81.70429	35.94904	63.54	-7.4	436482.99	3978525.02	1214.0	49630.68	49699.24	-68.55	-40.23
Jan 5 2022	-81.70430	35.94903	63.54	-7.4	436481.81	3978524.14	1214.2	49631.23	49699.24	-68.00	-40.82
Jan 5 2022	-81.70431	35.94902	63.54	-7.4	436480.58	3978523.34	1214.3	49633.06	49699.23	-66.18	-41.39
Jan 5 2022	-81.70433	35.94901	63.54	-7.4	436479.51	3978522.33	1214.7	49635.02	49699.23	-64.21	-41.97
Jan 5 2022	-81.70434	35.94900	63.54	-7.4	436478.47	3978521.37	1215.1	49639.77	49699.23	-59.46	-42.49
Jan 5 2022	-81.70435	35.94900	63.54	-7.4	436477.36	3978520.51	1215.3	49644.03	49699.22	-55.20	-42.98
Jan 5 2022	-81.70436	35.94899	63.54	-7.4	436476.02	3978519.56	1215.5	49645.96	49699.22	-53.26	-43.50
Jan 5 2022	-81.70456	35.94890	63.54	-7.4	436457.86	3978509.71	1215.7	49642.36	49699.21	-56.85	-50.96
Jan 5 2022	-81.70455	35.94890	63.54	-7.4	436459.19	3978510.38	1215.7	49642.93	49699.21	-56.28	-50.05
Jan 5 2022	-81.70438	35.94898	63.54	-7.4	436474.66	3978518.58	1215.7	49648.98	49699.21	-50.23	-44.04
Jan 5 2022	-81.70458	35.94889	63.54	-7.4	436456.61	3978508.94	1215.8	49642.77	49699.21	-56.44	-51.97
Jan 5 2022	-81.70441	35.94896	63.54	-7.4	436472.13	3978517.12	1215.8	49656.38	49699.21	-42.83	-44.98
Jan 5 2022	-81.70439	35.94897	63.54	-7.4	436473.38	3978517.83	1215.8	49652.44	49699.21	-46.77	-44.56
Jan 5 2022	-81.70453	35.94891	63.54	-7.4	436460.62	3978510.95	1215.9	49643.52	49699.21	-55.68	-49.29
Jan 5 2022	-81.70459	35.94888	63.54	-7.4	436455.42	3978508.04	1216.0	49645.28	49699.21	-53.93	-52.82
Jan 5 2022	-81.70465	35.94886	63.54	-7.4	436450.22	3978505.31	1216.1	49650.26	49699.18	-48.93	-55.31
Jan 5 2022	-81.70463	35.94886	63.54	-7.4	436451.60	3978506.03	1216.1	49648.86	49699.19	-50.33	-54.78
Jan 5 2022	-81.70452	35.94891	63.54	-7.4	436461.99	3978511.35	1216.1	49643.59	49699.21	-55.62	-48.67
Jan 5 2022	-81.70442	35.94896	63.54	-7.4	436471.06	3978516.24	1216.1	49657.04	49699.21	-42.17	-45.33
Jan 5 2022	-81.70462	35.94887	63.54	-7.4	436452.92	3978506.63	1216.2	49647.65	49699.19	-51.54	-54.19
Jan 5 2022	-81.70461	35.94887	63.54	-7.4	436454.15	3978507.22	1216.2	49646.91	49699.20	-52.29	-53.54
Jan 5 2022	-81.70445	35.94894	63.54	-7.4	436468.36	3978514.62	1216.2	49648.67	49699.21	-50.54	-46.25

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70443	35.94895	63.54	-7.4	436469.77	3978515.41	1216.2	49652.85	49699.21	-46.36	-45.76
Jan 5 2022	-81.70451	35.94892	63.54	-7.4	436463.21	3978511.78	1216.3	49643.81	49699.21	-55.40	-48.13
Jan 5 2022	-81.70446	35.94893	63.54	-7.4	436467.09	3978513.82	1216.3	49647.48	49699.21	-51.73	-46.75
Jan 5 2022	-81.70466	35.94885	63.54	-7.4	436449.34	3978504.56	1216.4	49649.63	49699.18	-49.55	-55.78
Jan 5 2022	-81.70449	35.94892	63.54	-7.4	436464.45	3978512.38	1216.4	49646.55	49699.21	-52.65	-47.64
Jan 5 2022	-81.70448	35.94893	63.54	-7.4	436465.76	3978513.06	1216.4	49648.06	49699.21	-51.15	-47.19
Jan 5 2022	-81.70467	35.94884	63.54	-7.4	436448.54	3978503.70	1216.8	49648.01	49699.18	-51.17	-56.18
Jan 5 2022	-81.70468	35.94883	63.54	-7.4	436447.19	3978502.77	1217.0	49647.41	49699.17	-51.77	-56.44
Jan 5 2022	-81.70470	35.94883	63.54	-7.4	436445.67	3978501.95	1217.1	49647.98	49699.17	-51.19	-56.69
Jan 5 2022	-81.70471	35.94882	63.54	-7.4	436444.55	3978501.16	1217.2	49647.93	49699.17	-51.24	-56.93
Jan 5 2022	-81.70472	35.94881	63.54	-7.4	436443.55	3978500.24	1217.6	49647.30	49699.17	-51.87	-57.07
Jan 5 2022	-81.70487	35.94875	63.54	-7.4	436430.10	3978493.42	1217.8	49651.10	49699.17	-48.07	-55.10
Jan 5 2022	-81.70474	35.94880	63.54	-7.4	436442.26	3978499.44	1217.8	49647.22	49699.17	-51.95	-57.07
Jan 5 2022	-81.70489	35.94874	63.54	-7.4	436428.73	3978492.57	1217.9	49652.59	49699.17	-46.58	-54.67
Jan 5 2022	-81.70485	35.94875	63.54	-7.4	436431.55	3978494.04	1217.9	49650.59	49699.17	-48.58	-55.47
Jan 5 2022	-81.70475	35.94880	63.54	-7.4	436441.06	3978498.70	1217.9	49646.94	49699.17	-52.23	-56.96
Jan 5 2022	-81.70476	35.94879	63.54	-7.4	436439.78	3978497.96	1218.0	49647.39	49699.17	-51.78	-56.78
Jan 5 2022	-81.70490	35.94873	63.54	-7.4	436427.29	3978491.74	1218.1	49653.90	49699.16	-45.26	-54.22
Jan 5 2022	-81.70478	35.94878	63.54	-7.4	436438.46	3978497.19	1218.1	49649.03	49699.17	-50.14	-56.59
Jan 5 2022	-81.70481	35.94877	63.54	-7.4	436435.60	3978495.60	1218.2	49649.14	49699.17	-50.03	-56.23
Jan 5 2022	-81.70491	35.94873	63.54	-7.4	436426.09	3978490.96	1218.3	49654.66	49699.16	-44.49	-53.75
Jan 5 2022	-81.70484	35.94876	63.54	-7.4	436433.23	3978494.37	1218.3	49649.65	49699.16	-49.51	-55.78
Jan 5 2022	-81.70479	35.94877	63.54	-7.4	436437.18	3978496.36	1218.3	49649.59	49699.17	-49.58	-56.40
Jan 5 2022	-81.70482	35.94876	63.54	-7.4	436434.38	3978494.86	1218.4	49649.24	49699.16	-49.92	-56.03
Jan 5 2022	-81.70493	35.94872	63.54	-7.4	436424.95	3978490.16	1218.5	49655.85	49699.16	-43.31	-53.23

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70494	35.94871	63.54	-7.4	436423.85	3978489.38	1218.7	49655.03	49699.15	-44.12	-52.70
Jan 5 2022	-81.70495	35.94870	63.54	-7.4	436422.49	3978488.50	1218.9	49652.23	49699.15	-46.92	-52.22
Jan 5 2022	-81.70497	35.94870	63.54	-7.4	436421.16	3978487.67	1219.1	49647.05	49699.15	-52.11	-51.88
Jan 5 2022	-81.70509	35.94865	63.54	-7.4	436410.62	3978482.61	1219.2	49627.04	49699.16	-72.12	-52.36
Jan 5 2022	-81.70500	35.94868	63.54	-7.4	436418.43	3978486.31	1219.2	49637.48	49699.16	-61.68	-51.54
Jan 5 2022	-81.70498	35.94869	63.54	-7.4	436419.85	3978486.92	1219.2	49641.49	49699.16	-57.67	-51.66
Jan 5 2022	-81.70507	35.94865	63.54	-7.4	436412.00	3978483.08	1219.3	49633.92	49699.16	-65.24	-51.92
Jan 5 2022	-81.70510	35.94864	63.54	-7.4	436409.38	3978481.86	1219.4	49610.96	49699.16	-88.20	-53.18
Jan 5 2022	-81.70501	35.94868	63.54	-7.4	436417.29	3978485.50	1219.4	49636.26	49699.16	-62.90	-51.47
Jan 5 2022	-81.70511	35.94863	63.54	-7.4	436408.03	3978480.92	1219.6	49559.75	49699.16	-139.41	-55.12
Jan 5 2022	-81.70506	35.94866	63.54	-7.4	436413.40	3978483.47	1219.6	49635.67	49699.16	-63.49	-51.68
Jan 5 2022	-81.70504	35.94866	63.54	-7.4	436414.70	3978483.98	1219.7	49636.09	49699.16	-63.07	-51.51
Jan 5 2022	-81.70503	35.94867	63.54	-7.4	436416.09	3978484.60	1219.7	49636.45	49699.16	-62.71	-51.44
Jan 5 2022	-81.70516	35.94862	63.54	-7.4	436404.12	3978478.90	1219.9	49469.13	49699.17	-230.04	-69.53
Jan 5 2022	-81.70514	35.94862	63.54	-7.4	436405.50	3978479.48	1219.9	49339.22	49699.17	-359.94	-65.94
Jan 5 2022	-81.70513	35.94863	63.54	-7.4	436406.73	3978480.08	1219.9	49429.14	49699.16	-270.02	-59.67
Jan 5 2022	-81.70517	35.94861	63.54	-7.4	436402.99	3978478.04	1220.2	49583.60	49699.17	-115.56	-70.81
Jan 5 2022	-81.70518	35.94860	63.54	-7.4	436401.90	3978477.24	1220.4	49628.89	49699.16	-70.28	-71.19
Jan 5 2022	-81.70521	35.94859	63.54	-7.4	436399.52	3978476.10	1220.5	49678.13	49699.16	-21.03	-70.36
Jan 5 2022	-81.70520	35.94859	63.54	-7.4	436400.68	3978476.68	1220.5	49653.76	49699.16	-45.40	-71.05
Jan 5 2022	-81.70522	35.94858	63.54	-7.4	436398.16	3978475.44	1220.6	49649.44	49699.16	-49.71	-70.24
Jan 5 2022	-81.70530	35.94855	63.54	-7.4	436391.43	3978472.31	1220.7	49770.35	49699.16	71.19	-78.37
Jan 5 2022	-81.70528	35.94856	63.54	-7.4	436392.70	3978472.81	1220.7	49592.42	49699.16	-106.74	-80.87
Jan 5 2022	-81.70524	35.94858	63.54	-7.4	436396.79	3978474.70	1220.7	49535.63	49699.16	-163.53	-72.40
Jan 5 2022	-81.70531	35.94855	63.54	-7.4	436390.20	3978471.58	1220.8	49920.31	49699.16	221.15	-72.90

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70525	35.94857	63.54	-7.4	436395.55	3978473.97	1220.8	49444.73	49699.16	-254.43	-76.36
Jan 5 2022	-81.70527	35.94856	63.54	-7.4	436394.14	3978473.26	1220.9	49467.03	49699.16	-232.13	-79.87
Jan 5 2022	-81.70533	35.94854	63.54	-7.4	436388.87	3978470.83	1221.0	49909.97	49699.16	210.80	-67.66
Jan 5 2022	-81.70534	35.94853	63.54	-7.4	436387.53	3978469.94	1221.3	49781.97	49699.16	82.81	-64.99
Jan 5 2022	-81.70535	35.94853	63.54	-7.4	436386.27	3978469.08	1221.5	49691.03	49699.15	-8.13	-64.18
Jan 5 2022	-81.70537	35.94852	63.54	-7.4	436385.06	3978468.20	1221.9	49646.38	49699.14	-52.76	-64.24
Jan 5 2022	-81.70538	35.94851	63.54	-7.4	436383.99	3978467.11	1222.4	49614.90	49699.14	-84.23	-64.90
Jan 5 2022	-81.70539	35.94850	63.54	-7.4	436382.96	3978466.16	1222.9	49582.02	49699.14	-117.12	-66.21
Jan 5 2022	-81.70540	35.94849	63.54	-7.4	436382.04	3978465.36	1223.3	49542.59	49699.14	-156.55	-68.32
Jan 5 2022	-81.70541	35.94848	63.54	-7.4	436381.28	3978464.43	1223.8	49510.19	49699.14	-188.95	-71.07
Jan 5 2022	-81.70542	35.94847	63.54	-7.4	436380.56	3978463.51	1224.4	49484.79	49699.13	-214.34	-74.32
Jan 5 2022	-81.70542	35.94846	63.54	-7.4	436380.05	3978462.35	1225.3	49468.63	49699.12	-230.49	-77.89
Jan 5 2022	-81.70543	35.94845	63.54	-7.4	436379.40	3978460.86	1226.4	49474.66	49699.12	-224.46	-81.34
Jan 5 2022	-81.70544	35.94844	63.54	-7.4	436378.43	3978459.71	1227.1	49488.03	49699.11	-211.08	-84.52
Jan 5 2022	-81.70545	35.94843	63.54	-7.4	436377.43	3978458.73	1227.6	49498.55	49699.11	-200.56	-87.53
Jan 5 2022	-81.70546	35.94842	63.54	-7.4	436376.39	3978457.60	1228.2	49513.90	49699.11	-185.21	-90.24
Jan 5 2022	-81.70547	35.94841	63.54	-7.4	436375.38	3978456.56	1228.8	49533.20	49699.10	-165.90	-92.56
Jan 5 2022	-81.70549	35.94840	63.54	-7.4	436374.40	3978455.55	1229.3	49547.93	49699.10	-151.18	-94.59
Jan 5 2022	-81.70550	35.94839	63.54	-7.4	436373.15	3978454.33	1229.9	49557.37	49699.09	-141.72	-96.43
Jan 5 2022	-81.70551	35.94838	63.54	-7.4	436372.02	3978452.79	1230.9	49565.11	49699.08	-133.98	-98.14
Jan 5 2022	-81.70552	35.94836	63.54	-7.4	436371.26	3978451.16	1232.1	49568.81	49699.08	-130.27	-99.78
Jan 5 2022	-81.70553	35.94835	63.54	-7.4	436370.50	3978449.56	1233.3	49557.19	49699.08	-141.89	-101.69
Jan 5 2022	-81.70553	35.94833	63.54	-7.4	436369.86	3978448.01	1234.5	49516.25	49699.07	-182.82	-104.44
Jan 5 2022	-81.70554	35.94832	63.54	-7.4	436369.08	3978446.68	1235.4	49437.51	49699.06	-261.56	-108.78
Jan 5 2022	-81.70555	35.94831	63.54	-7.4	436368.06	3978445.53	1236.1	49344.01	49699.06	-355.05	-115.02

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70556	35.94830	63.54	-7.4	436367.34	3978444.22	1237.1	49343.55	49699.06	-355.51	-121.24
Jan 5 2022	-81.70557	35.94829	63.54	-7.4	436366.91	3978442.72	1238.3	49459.41	49699.05	-239.64	-125.10
Jan 5 2022	-81.70558	35.94827	63.54	-7.4	436366.16	3978441.31	1239.3	49613.52	49699.05	-85.53	-125.77
Jan 5 2022	-81.70558	35.94826	63.54	-7.4	436365.50	3978440.01	1240.3	49724.80	49699.05	25.75	-124.10
Jan 5 2022	-81.70559	35.94825	63.54	-7.4	436365.10	3978438.67	1241.4	49785.72	49699.04	86.68	-121.13
Jan 5 2022	-81.70559	35.94824	63.54	-7.4	436364.95	3978437.25	1242.6	49767.07	49699.03	68.04	-118.51
Jan 5 2022	-81.70559	35.94823	63.54	-7.4	436364.88	3978435.97	1243.8	49714.65	49699.03	15.62	-116.95
Jan 5 2022	-81.70559	35.94821	63.54	-7.4	436364.73	3978434.76	1244.8	49681.87	49699.03	-17.16	-116.03
Jan 5 2022	-81.70559	35.94820	63.54	-7.4	436364.79	3978433.39	1246.1	49666.04	49699.02	-32.98	-115.42
Jan 5 2022	-81.70559	35.94819	63.54	-7.4	436365.08	3978431.90	1247.6	49660.59	49699.01	-38.42	-114.88
Jan 5 2022	-81.70558	35.94817	63.54	-7.4	436365.41	3978430.26	1249.3	49659.91	49699.00	-39.10	-114.22
Jan 5 2022	-81.70558	35.94816	63.54	-7.4	436365.31	3978428.75	1250.6	49661.65	49699.00	-37.35	-113.20
Jan 5 2022	-81.70559	35.94815	63.54	-7.4	436364.94	3978427.50	1251.7	49662.52	49698.99	-36.48	-111.14
Jan 5 2022	-81.70559	35.94814	63.54	-7.4	436364.62	3978426.25	1252.7	49664.13	49698.99	-34.86	-106.44
Jan 5 2022	-81.70559	35.94813	63.54	-7.4	436364.78	3978424.88	1254.0	49661.21	49698.98	-37.78	-100.00
Jan 5 2022	-81.70558	35.94811	63.54	-7.4	436365.35	3978423.42	1255.6	49660.00	49698.98	-38.98	-96.18
Jan 5 2022	-81.70558	35.94810	63.54	-7.4	436365.81	3978422.00	1257.1	49654.63	49698.98	-44.34	-94.75
Jan 5 2022	-81.70557	35.94809	63.54	-7.4	436366.37	3978420.63	1258.6	49638.16	49698.97	-60.81	-94.56
Jan 5 2022	-81.70557	35.94807	63.54	-7.4	436366.93	3978419.20	1260.1	49608.28	49698.96	-90.68	-95.47
Jan 5 2022	-81.70556	35.94806	63.54	-7.4	436367.26	3978417.63	1261.7	49548.19	49698.95	-150.77	-98.06
Jan 5 2022	-81.70556	35.94805	63.54	-7.4	436367.74	3978415.96	1263.4	49489.26	49698.95	-209.69	-101.26
Jan 5 2022	-81.70555	35.94803	63.54	-7.4	436368.40	3978414.57	1264.9	49465.62	49698.95	-233.33	-102.66
Jan 5 2022	-81.70554	35.94802	63.54	-7.4	436369.01	3978413.09	1266.5	49470.33	49698.94	-228.61	-102.14
Jan 5 2022	-81.70554	35.94800	63.54	-7.4	436369.20	3978411.37	1268.2	49524.21	49698.91	-174.71	-100.99
Jan 5 2022	-81.70554	35.94799	63.54	-7.4	436369.36	3978409.82	1269.7	49625.57	49698.90	-73.33	-100.33

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70553	35.94797	63.54	-7.4	436369.91	3978408.06	1271.5	49685.61	49698.89	-13.28	-102.01
Jan 5 2022	-81.70553	35.94796	63.54	-7.4	436370.17	3978406.47	1273.1	49685.05	49698.89	-13.83	-106.71
Jan 5 2022	-81.70552	35.94795	63.54	-7.4	436370.57	3978404.99	1274.6	49685.02	49698.88	-13.85	-111.21
Jan 5 2022	-81.70551	35.94793	63.54	-7.4	436371.67	3978403.10	1276.8	49685.87	49698.86	-12.99	-113.12
Jan 5 2022	-81.70550	35.94791	63.54	-7.4	436372.75	3978400.97	1279.2	49687.67	49698.84	-11.17	-113.18
Jan 5 2022	-81.70549	35.94789	63.54	-7.4	436373.28	3978398.99	1281.2	49688.03	49698.82	-10.78	-112.34
Jan 5 2022	-81.70548	35.94788	63.54	-7.4	436374.19	3978397.56	1282.9	49687.58	49698.80	-11.22	-110.88
Jan 5 2022	-81.70547	35.94787	63.54	-7.4	436375.15	3978396.42	1284.3	49686.64	49698.79	-12.15	-108.79
Jan 5 2022	-81.70547	35.94786	63.54	-7.4	436375.70	3978395.25	1285.6	49683.06	49698.77	-15.72	-105.97
Jan 5 2022	-81.70546	35.94785	63.54	-7.4	436376.61	3978393.96	1287.1	49678.75	49698.76	-20.02	-102.59
Jan 5 2022	-81.70544	35.94784	63.54	-7.4	436377.61	3978392.85	1288.5	49674.15	49698.76	-24.60	-98.80
Jan 5 2022	-81.70544	35.94783	63.54	-7.4	436378.36	3978391.85	1289.7	49672.17	49698.75	-26.58	-94.72
Jan 5 2022	-81.70542	35.94782	63.54	-7.4	436379.40	3978390.44	1291.4	49670.29	49698.74	-28.45	-90.80
Jan 5 2022	-81.70541	35.94780	63.54	-7.4	436380.80	3978388.80	1293.5	49670.26	49698.72	-28.46	-87.14
Jan 5 2022	-81.70540	35.94779	63.54	-7.4	436381.84	3978387.65	1294.9	49670.03	49698.72	-28.69	-83.71
Jan 5 2022	-81.70539	35.94778	63.54	-7.4	436382.62	3978386.86	1296.0	49670.46	49698.72	-28.27	-80.57
Jan 5 2022	-81.70538	35.94777	63.54	-7.4	436383.60	3978385.61	1297.5	49670.42	49698.72	-28.30	-77.82
Jan 5 2022	-81.70537	35.94776	63.54	-7.4	436384.45	3978384.36	1299.0	49671.67	49698.71	-27.04	-75.33
Jan 5 2022	-81.70536	35.94775	63.54	-7.4	436385.44	3978383.50	1300.1	49672.69	49698.70	-26.02	-73.02
Jan 5 2022	-81.70534	35.94774	63.54	-7.4	436386.66	3978382.45	1301.6	49672.29	49698.69	-26.40	-70.87
Jan 5 2022	-81.70533	35.94773	63.54	-7.4	436387.42	3978381.21	1303.0	49675.95	49698.69	-22.74	-68.72
Jan 5 2022	-81.70533	35.94772	63.54	-7.4	436387.94	3978379.83	1304.5	49676.58	49698.68	-22.10	-66.32
Jan 5 2022	-81.70532	35.94771	63.54	-7.4	436389.01	3978378.56	1306.0	49675.35	49698.67	-23.32	-63.13
Jan 5 2022	-81.70531	35.94770	63.54	-7.4	436390.04	3978378.00	1307.0	49673.79	49698.67	-24.88	-58.40
Jan 5 2022	-81.70530	35.94770	63.54	-7.4	436390.77	3978377.63	1307.6	49676.01	49698.67	-22.65	-51.75

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70529	35.94770	63.54	-7.4	436391.73	3978376.92	1308.6	49684.60	49698.66	-14.07	-44.92
Jan 5 2022	-81.70528	35.94768	63.54	-7.4	436392.39	3978375.65	1310.0	49704.58	49698.66	5.92	-40.01
Jan 5 2022	-81.70527	35.94767	63.54	-7.4	436393.05	3978374.38	1311.4	49714.69	49698.65	16.03	-37.98
Jan 5 2022	-81.70526	35.94766	63.54	-7.4	436394.02	3978373.30	1312.8	49673.10	49698.65	-25.54	-39.00
Jan 5 2022	-81.70525	35.94765	63.54	-7.4	436394.99	3978371.78	1314.6	49510.44	49698.64	-188.20	-44.50
Jan 5 2022	-81.70524	35.94764	63.54	-7.4	436396.16	3978370.25	1316.4	48834.35	49698.63	-864.29	-63.15
Jan 5 2022	-81.70520	35.94757	63.54	-7.4	436399.25	3978362.71	1324.6	49950.69	49698.60	252.08	-58.42
Jan 5 2022	-81.70506	35.94739	63.54	-7.4	436411.58	3978342.62	1347.9	50626.34	49698.43	927.91	-39.52
Jan 5 2022	-81.70505	35.94737	63.54	-7.4	436412.64	3978341.27	1349.5	50168.70	49698.42	470.28	-29.45
Jan 5 2022	-81.70504	35.94737	63.54	-7.4	436413.76	3978340.18	1350.9	49947.51	49698.42	249.10	-23.70
Jan 5 2022	-81.70503	35.94736	63.54	-7.4	436414.61	3978339.07	1352.3	49787.22	49698.41	88.81	-21.14
Jan 5 2022	-81.70502	35.94734	63.54	-7.4	436415.33	3978337.72	1353.8	49602.42	49698.41	-95.98	-22.32
Jan 5 2022	-81.70501	35.94733	63.54	-7.4	436416.07	3978336.68	1355.1	49402.00	49698.40	-296.40	-27.52
Jan 5 2022	-81.70500	35.94733	63.54	-7.4	436417.18	3978335.86	1356.2	49399.08	49698.41	-299.32	-32.80
Jan 5 2022	-81.70499	35.94732	63.54	-7.4	436418.31	3978334.60	1357.8	49536.18	49698.41	-162.22	-35.29
Jan 5 2022	-81.70498	35.94730	63.54	-7.4	436419.53	3978333.25	1359.6	49617.68	49698.39	-80.71	-36.13
Jan 5 2022	-81.70496	35.94730	63.54	-7.4	436420.59	3978332.39	1360.8	49654.70	49698.39	-43.69	-36.11
Jan 5 2022	-81.70496	35.94729	63.54	-7.4	436421.16	3978331.50	1361.8	49666.14	49698.40	-32.26	-35.54
Jan 5 2022	-81.70495	35.94728	63.54	-7.4	436421.64	3978330.26	1363.1	49667.33	49698.40	-31.07	-34.35
Jan 5 2022	-81.70495	35.94726	63.54	-7.4	436421.95	3978328.83	1364.6	49666.50	49698.40	-31.90	-31.97
Jan 5 2022	-81.70494	35.94725	63.54	-7.4	436422.63	3978327.62	1365.9	49663.39	49698.39	-35.01	-28.48
Jan 5 2022	-81.70493	35.94724	63.54	-7.4	436423.54	3978326.60	1367.2	49660.30	49698.39	-38.09	-24.58
Jan 5 2022	-81.70492	35.94723	63.54	-7.4	436424.05	3978325.23	1368.7	49659.74	49698.38	-38.64	-20.78
Jan 5 2022	-81.70492	35.94722	63.54	-7.4	436424.27	3978323.63	1370.3	49658.43	49698.37	-39.93	-18.08
Jan 5 2022	-81.70492	35.94720	63.54	-7.4	436424.67	3978322.21	1371.7	49653.64	49698.36	-44.72	-17.51

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70491	35.94719	63.54	-7.4	436425.28	3978321.05	1373.0	49651.93	49698.35	-46.41	-18.17
Jan 5 2022	-81.70490	35.94718	63.54	-7.4	436426.25	3978319.88	1374.5	49652.32	49698.34	-46.02	-18.82
Jan 5 2022	-81.70488	35.94717	63.54	-7.4	436427.70	3978318.50	1376.3	49652.18	49698.33	-46.15	-19.46
Jan 5 2022	-81.70487	35.94716	63.54	-7.4	436428.92	3978317.08	1378.1	49651.16	49698.31	-47.16	-20.14
Jan 5 2022	-81.70486	35.94715	63.54	-7.4	436429.80	3978316.00	1379.4	49650.81	49698.29	-47.48	-20.87
Jan 5 2022	-81.70485	35.94714	63.54	-7.4	436430.75	3978315.04	1380.7	49652.11	49698.28	-46.17	-21.58
Jan 5 2022	-81.70484	35.94713	63.54	-7.4	436431.94	3978314.13	1382.0	49651.75	49698.27	-46.52	-22.28
Jan 5 2022	-81.70482	35.94712	63.54	-7.4	436433.09	3978313.22	1383.3	49646.44	49698.26	-51.83	-23.08
Jan 5 2022	-81.70481	35.94712	63.54	-7.4	436434.21	3978312.30	1384.5	49645.71	49698.26	-52.55	-23.81
Jan 5 2022	-81.70480	35.94711	63.54	-7.4	436435.36	3978311.47	1385.8	49650.65	49698.25	-47.61	-24.37
Jan 5 2022	-81.70478	35.94710	63.54	-7.4	436436.55	3978310.62	1387.0	49652.24	49698.25	-46.01	-24.79
Jan 5 2022	-81.70477	35.94709	63.54	-7.4	436437.70	3978309.83	1388.2	49650.39	49698.24	-47.85	-25.22
Jan 5 2022	-81.70476	35.94709	63.54	-7.4	436438.83	3978309.20	1389.2	49647.26	49698.23	-50.97	-25.67
Jan 5 2022	-81.70474	35.94708	63.54	-7.4	436440.21	3978308.44	1390.4	49646.30	49698.22	-51.91	-26.14
Jan 5 2022	-81.70473	35.94707	63.54	-7.4	436441.81	3978307.66	1391.8	49645.69	49698.21	-52.52	-26.62
Jan 5 2022	-81.70471	35.94707	63.54	-7.4	436443.38	3978307.08	1392.9	49644.62	49698.20	-53.59	-27.12
Jan 5 2022	-81.70470	35.94706	63.54	-7.4	436444.57	3978306.19	1394.2	49642.75	49698.19	-55.44	-27.67
Jan 5 2022	-81.70468	35.94705	63.54	-7.4	436445.62	3978305.06	1395.7	49644.12	49698.18	-54.07	-28.21
Jan 5 2022	-81.70467	35.94704	63.54	-7.4	436446.62	3978304.05	1397.0	49645.32	49698.18	-52.86	-28.74
Jan 5 2022	-81.70466	35.94703	63.54	-7.4	436447.49	3978302.99	1398.3	49645.89	49698.17	-52.28	-29.26
Jan 5 2022	-81.70465	35.94702	63.54	-7.4	436448.36	3978301.83	1399.7	49646.74	49698.16	-51.41	-29.83
Jan 5 2022	-81.70464	35.94701	63.54	-7.4	436449.63	3978300.64	1401.3	49646.37	49698.15	-51.77	-30.43
Jan 5 2022	-81.70462	35.94700	63.54	-7.4	436451.12	3978299.67	1402.8	49644.34	49698.14	-53.80	-31.04
Jan 5 2022	-81.70461	35.94699	63.54	-7.4	436452.46	3978298.79	1404.1	49643.59	49698.14	-54.55	-31.63
Jan 5 2022	-81.70459	35.94699	63.54	-7.4	436453.75	3978297.86	1405.5	49641.64	49698.13	-56.49	-32.31

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70458	35.94698	63.54	-7.4	436454.91	3978296.97	1406.8	49637.75	49698.12	-60.37	-33.23
Jan 5 2022	-81.70457	35.94697	63.54	-7.4	436456.08	3978296.27	1407.9	49634.76	49698.11	-63.34	-34.62
Jan 5 2022	-81.70455	35.94697	63.54	-7.4	436457.34	3978295.74	1408.8	49638.46	49698.10	-59.64	-36.13
Jan 5 2022	-81.70454	35.94696	63.54	-7.4	436458.61	3978295.00	1410.0	49644.69	49698.09	-53.40	-36.69
Jan 5 2022	-81.70453	35.94695	63.54	-7.4	436459.72	3978294.01	1411.4	49629.50	49698.09	-68.59	-34.30
Jan 5 2022	-81.70452	35.94694	63.54	-7.4	436460.59	3978293.13	1412.5	49616.63	49698.09	-81.46	-18.64
Jan 5 2022	-81.70451	35.94694	63.54	-7.4	436461.57	3978292.42	1413.6	49604.95	49698.08	-93.13	-25.54
Jan 5 2022	-81.70449	35.94693	63.54	-7.4	436462.70	3978291.64	1414.7	49623.40	49698.07	-74.67	-45.60
Jan 5 2022	-81.70448	35.94692	63.54	-7.4	436463.93	3978290.73	1416.1	49625.98	49698.06	-72.08	-56.44
Jan 5 2022	-81.70447	35.94691	63.54	-7.4	436465.01	3978289.79	1417.4	49619.52	49698.05	-78.53	-63.00
Jan 5 2022	-81.70446	35.94691	63.54	-7.4	436465.82	3978288.87	1418.5	49615.24	49698.04	-82.80	-66.43
Jan 5 2022	-81.70445	35.94690	63.54	-7.4	436466.86	3978287.94	1419.8	49638.09	49698.04	-59.95	-65.71
Jan 5 2022	-81.70444	35.94689	63.54	-7.4	436467.86	3978287.10	1421.0	49680.81	49698.03	-17.22	-60.12
Jan 5 2022	-81.70442	35.94688	63.54	-7.4	436468.94	3978286.37	1422.1	49722.54	49698.02	24.52	-53.65
Jan 5 2022	-81.70441	35.94688	63.54	-7.4	436470.34	3978285.63	1423.3	49732.70	49698.01	34.69	-49.71
Jan 5 2022	-81.70439	35.94687	63.54	-7.4	436471.54	3978284.83	1424.5	49713.04	49698.01	15.03	-47.79
Jan 5 2022	-81.70438	35.94686	63.54	-7.4	436472.62	3978283.96	1425.8	49693.96	49698.00	-4.04	-47.00
Jan 5 2022	-81.70437	35.94685	63.54	-7.4	436473.73	3978282.97	1427.1	49676.25	49697.99	-21.74	-46.79
Jan 5 2022	-81.70436	35.94684	63.54	-7.4	436474.70	3978282.03	1428.4	49665.00	49697.99	-32.98	-46.83
Jan 5 2022	-81.70435	35.94684	63.54	-7.4	436475.45	3978281.10	1429.5	49649.39	49697.98	-48.60	-47.16
Jan 5 2022	-81.70434	35.94683	63.54	-7.4	436476.17	3978280.10	1430.7	49582.11	49697.97	-115.86	-48.78
Jan 5 2022	-81.70433	35.94682	63.54	-7.4	436477.11	3978279.26	1431.9	49485.90	49697.96	-212.06	-52.26
Jan 5 2022	-81.70432	35.94681	63.54	-7.4	436478.20	3978278.49	1433.0	49761.50	49697.95	63.55	-50.21
Jan 5 2022	-81.70431	35.94681	63.54	-7.4	436479.42	3978277.72	1434.2	49790.68	49697.93	92.75	-47.56
Jan 5 2022	-81.70429	35.94680	63.54	-7.4	436480.90	3978276.95	1435.5	49693.32	49697.93	-4.62	-46.76

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70427	35.94679	63.54	-7.4	436482.36	3978276.16	1436.8	49682.44	49697.93	-15.49	-46.14
Jan 5 2022	-81.70426	35.94678	63.54	-7.4	436483.53	3978275.24	1438.1	49669.26	49697.92	-28.67	-45.79
Jan 5 2022	-81.70425	35.94678	63.54	-7.4	436484.55	3978274.31	1439.4	49635.15	49697.91	-62.77	-46.13
Jan 5 2022	-81.70424	35.94677	63.54	-7.4	436485.64	3978273.29	1440.8	49628.96	49697.90	-68.95	-46.56
Jan 5 2022	-81.70422	35.94676	63.54	-7.4	436486.85	3978272.20	1442.3	49634.10	49697.90	-63.79	-46.89
Jan 5 2022	-81.70421	35.94675	63.54	-7.4	436488.05	3978271.29	1443.6	49646.88	49697.89	-51.01	-46.98
Jan 5 2022	-81.70420	35.94674	63.54	-7.4	436488.97	3978270.30	1444.9	49653.59	49697.88	-44.30	-46.94
Jan 5 2022	-81.70419	35.94673	63.54	-7.4	436489.72	3978269.16	1446.2	49680.26	49697.87	-17.61	-46.26
Jan 5 2022	-81.70418	35.94672	63.54	-7.4	436490.46	3978268.03	1447.6	49714.02	49697.85	16.17	-44.88
Jan 5 2022	-81.70417	35.94671	63.54	-7.4	436491.22	3978266.87	1448.9	49724.59	49697.84	26.75	-43.39
Jan 5 2022	-81.70416	35.94670	63.54	-7.4	436492.12	3978265.83	1450.3	49718.16	49697.83	20.33	-42.07
Jan 5 2022	-81.70416	35.94669	63.54	-7.4	436492.95	3978264.86	1451.5	49705.02	49697.82	7.20	-40.97
Jan 5 2022	-81.70415	35.94668	63.54	-7.4	436493.68	3978263.80	1452.7	49690.25	49697.82	-7.57	-40.10
Jan 5 2022	-81.70414	35.94667	63.54	-7.4	436494.49	3978262.62	1454.2	49675.70	49697.82	-22.12	-39.50
Jan 5 2022	-81.70413	35.94666	63.54	-7.4	436495.16	3978261.17	1455.7	49656.81	49697.81	-41.00	-39.27
Jan 5 2022	-81.70412	35.94664	63.54	-7.4	436495.84	3978259.65	1457.4	49626.83	49697.80	-70.97	-39.62
Jan 5 2022	-81.70411	35.94663	63.54	-7.4	436496.69	3978258.27	1459.0	49611.77	49697.80	-86.03	-40.23
Jan 5 2022	-81.70411	35.94662	63.54	-7.4	436497.30	3978256.92	1460.5	49631.35	49697.79	-66.43	-40.48
Jan 5 2022	-81.70410	35.94661	63.54	-7.4	436497.81	3978255.61	1461.9	49640.11	49697.77	-57.66	-40.58
Jan 5 2022	-81.70409	35.94660	63.54	-7.4	436498.53	3978254.23	1463.5	49644.48	49697.77	-53.28	-40.60
Jan 5 2022	-81.70408	35.94658	63.54	-7.4	436499.35	3978252.78	1465.1	49638.12	49697.76	-59.64	-40.76
Jan 5 2022	-81.70408	35.94657	63.54	-7.4	436500.10	3978251.29	1466.8	49630.10	49697.74	-67.64	-41.08
Jan 5 2022	-81.70407	35.94656	63.54	-7.4	436500.84	3978249.88	1468.4	49624.57	49697.73	-73.16	-41.46
Jan 5 2022	-81.70406	35.94655	63.54	-7.4	436501.80	3978248.61	1469.9	49621.65	49697.72	-76.07	-41.89
Jan 5 2022	-81.70404	35.94653	63.54	-7.4	436502.91	3978247.32	1471.6	49624.42	49697.71	-73.29	-42.23

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70404	35.94652	63.54	-7.4	436503.63	3978245.97	1473.1	49629.44	49697.69	-68.25	-42.39
Jan 5 2022	-81.70403	35.94651	63.54	-7.4	436504.28	3978244.68	1474.5	49632.86	49697.68	-64.82	-42.42
Jan 5 2022	-81.70402	35.94650	63.54	-7.4	436505.18	3978243.56	1475.9	49634.53	49697.67	-63.15	-42.49
Jan 5 2022	-81.70401	35.94649	63.54	-7.4	436506.17	3978242.39	1477.4	49635.47	49697.67	-62.20	-42.66
Jan 5 2022	-81.70400	35.94648	63.54	-7.4	436507.19	3978241.25	1478.9	49633.59	49697.66	-64.07	-42.57
Jan 5 2022	-81.70399	35.94647	63.54	-7.4	436508.09	3978240.25	1480.1	49627.68	49697.65	-69.97	-42.34
Jan 5 2022	-81.70397	35.94646	63.54	-7.4	436509.12	3978239.36	1481.4	49620.13	49697.64	-77.52	-42.03
Jan 5 2022	-81.70396	35.94646	63.54	-7.4	436510.43	3978238.57	1482.6	49609.81	49697.64	-87.83	-42.29
Jan 5 2022	-81.70395	35.94645	63.54	-7.4	436511.62	3978237.77	1483.9	49597.73	49697.62	-99.90	-42.85
Jan 5 2022	-81.70394	35.94644	63.54	-7.4	436512.49	3978236.99	1484.9	49594.66	49697.61	-102.95	-43.34
Jan 5 2022	-81.70393	35.94643	63.54	-7.4	436513.53	3978236.07	1486.2	49601.64	49697.60	-95.96	-43.60
Jan 5 2022	-81.70391	35.94642	63.54	-7.4	436514.74	3978234.89	1487.8	49613.19	49697.59	-84.41	-44.09
Jan 5 2022	-81.70390	35.94641	63.54	-7.4	436515.86	3978233.86	1489.2	49627.12	49697.59	-70.47	-45.16
Jan 5 2022	-81.70389	35.94641	63.54	-7.4	436516.92	3978233.00	1490.4	49634.75	49697.58	-62.83	-46.90
Jan 5 2022	-81.70387	35.94640	63.54	-7.4	436518.22	3978232.22	1491.6	49643.39	49697.57	-54.18	-48.68
Jan 5 2022	-81.70386	35.94639	63.54	-7.4	436519.68	3978231.53	1492.9	49686.26	49697.57	-11.31	-49.21
Jan 5 2022	-81.70384	35.94639	63.54	-7.4	436520.98	3978230.76	1494.1	49678.17	49697.57	-19.40	-49.52
Jan 5 2022	-81.70383	35.94638	63.54	-7.4	436522.27	3978229.84	1495.5	49647.86	49697.57	-49.72	-50.07
Jan 5 2022	-81.70381	35.94637	63.54	-7.4	436523.47	3978228.84	1496.9	49632.86	49697.56	-64.71	-50.71
Jan 5 2022	-81.70380	35.94636	63.54	-7.4	436524.49	3978227.85	1498.2	49623.24	49697.56	-74.32	-51.22
Jan 5 2022	-81.70379	35.94635	63.54	-7.4	436525.50	3978226.91	1499.5	49614.70	49697.55	-82.85	-50.56
Jan 5 2022	-81.70378	35.94634	63.54	-7.4	436526.50	3978225.96	1500.8	49594.99	49697.54	-102.55	-48.37
Jan 5 2022	-81.70377	35.94633	63.54	-7.4	436527.56	3978224.99	1502.1	49547.44	49697.54	-150.09	-52.65
Jan 5 2022	-81.70376	35.94633	63.54	-7.4	436528.67	3978224.14	1503.3	49434.14	49697.53	-263.39	-59.77
Jan 5 2022	-81.70374	35.94632	63.54	-7.4	436529.81	3978223.30	1504.6	49246.81	49697.52	-450.72	-68.69

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70373	35.94631	63.54	-7.4	436530.96	3978222.36	1505.9	49102.97	49697.51	-594.54	-80.27
Jan 5 2022	-81.70372	35.94630	63.54	-7.4	436532.22	3978221.57	1507.2	49076.13	49697.50	-621.37	-92.13
Jan 5 2022	-81.70370	35.94630	63.54	-7.4	436533.60	3978220.89	1508.4	49092.52	49697.50	-604.98	-102.97
Jan 5 2022	-81.70369	35.94629	63.54	-7.4	436535.00	3978220.13	1509.6	49080.49	49697.50	-617.01	-113.93
Jan 5 2022	-81.70367	35.94628	63.54	-7.4	436536.29	3978219.13	1511.1	49077.04	49697.49	-620.45	-125.06
Jan 5 2022	-81.70366	35.94627	63.54	-7.4	436537.42	3978218.20	1512.4	49044.88	49697.49	-652.61	-137.10
Jan 5 2022	-81.70364	35.94627	63.54	-7.4	436538.69	3978217.38	1513.7	49123.40	49697.49	-574.09	-147.69
Jan 5 2022	-81.70363	35.94626	63.54	-7.4	436540.03	3978216.49	1515.1	49184.17	49697.49	-513.32	-157.61
Jan 5 2022	-81.70362	35.94625	63.54	-7.4	436541.25	3978215.71	1516.3	49221.43	49697.49	-476.06	-167.45
Jan 5 2022	-81.70360	35.94624	63.54	-7.4	436542.62	3978214.99	1517.5	49183.27	49697.48	-514.22	-178.27
Jan 5 2022	-81.70359	35.94624	63.54	-7.4	436543.92	3978214.23	1518.8	49173.90	49697.47	-523.57	-189.15
Jan 5 2022	-81.70357	35.94623	63.54	-7.4	436545.26	3978213.45	1520.0	49168.43	49697.47	-529.04	-199.87
Jan 5 2022	-81.70355	35.94622	63.54	-7.4	436546.77	3978212.67	1521.4	49173.04	49697.46	-524.42	-210.21
Jan 5 2022	-81.70354	35.94622	63.54	-7.4	436548.30	3978211.80	1522.8	49160.87	49697.46	-536.60	-220.50
Jan 5 2022	-81.70352	35.94621	63.54	-7.4	436549.85	3978211.02	1524.2	49170.18	49697.46	-527.28	-230.23
Jan 5 2022	-81.70351	35.94620	63.54	-7.4	436551.23	3978210.41	1525.3	49172.40	49697.46	-525.06	-239.31
Jan 5 2022	-81.70349	35.94620	63.54	-7.4	436552.56	3978209.75	1526.5	49170.57	49697.46	-526.89	-248.12
Jan 5 2022	-81.70348	35.94619	63.54	-7.4	436553.91	3978208.88	1527.9	49115.12	49697.46	-582.34	-258.44
Jan 5 2022	-81.70346	35.94618	63.54	-7.4	436555.19	3978207.98	1529.2	49076.97	49697.45	-620.48	-269.70
Jan 5 2022	-81.70345	35.94618	63.54	-7.4	436556.35	3978207.18	1530.5	49095.38	49697.45	-602.07	-280.68
Jan 5 2022	-81.70344	35.94617	63.54	-7.4	436557.43	3978206.41	1531.6	49111.33	49697.44	-586.12	-291.20
Jan 5 2022	-81.70342	35.94616	63.54	-7.4	436558.57	3978205.70	1532.8	49116.00	49697.44	-581.44	-301.48
Jan 5 2022	-81.70341	35.94616	63.54	-7.4	436559.74	3978204.94	1533.9	49115.36	49697.44	-582.08	-311.66
Jan 5 2022	-81.70340	35.94615	63.54	-7.4	436561.05	3978204.15	1535.2	49143.36	49697.43	-554.07	-321.22
Jan 5 2022	-81.70338	35.94614	63.54	-7.4	436562.46	3978203.36	1536.5	49175.65	49697.43	-521.78	-330.19

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70336	35.94613	63.54	-7.4	436563.89	3978202.51	1537.9	49176.61	49697.43	-520.82	-339.24
Jan 5 2022	-81.70335	35.94613	63.54	-7.4	436565.25	3978201.67	1539.3	49188.72	49697.43	-508.71	-348.12
Jan 5 2022	-81.70334	35.94612	63.54	-7.4	436566.35	3978200.86	1540.5	49220.68	49697.43	-476.75	-356.39
Jan 5 2022	-81.70332	35.94611	63.54	-7.4	436567.46	3978200.09	1541.7	49282.85	49697.43	-414.58	-363.44
Jan 5 2022	-81.70331	35.94610	63.54	-7.4	436568.72	3978199.22	1543.0	49344.07	49697.43	-353.36	-369.22
Jan 5 2022	-81.70330	35.94610	63.54	-7.4	436570.06	3978198.43	1544.3	49457.74	49697.42	-239.69	-372.62
Jan 5 2022	-81.70328	35.94609	63.54	-7.4	436571.26	3978197.81	1545.4	49483.82	49697.42	-213.61	-375.34
Jan 5 2022	-81.70327	35.94609	63.54	-7.4	436572.37	3978197.06	1546.5	49380.16	49697.41	-317.25	-379.93
Jan 5 2022	-81.70326	35.94608	63.54	-7.4	436573.61	3978196.24	1547.8	49317.10	49697.41	-380.31	-385.54
Jan 5 2022	-81.70324	35.94607	63.54	-7.4	436574.91	3978195.49	1549.0	49295.69	49697.41	-401.71	-391.51
Jan 5 2022	-81.70323	35.94607	63.54	-7.4	436576.31	3978194.84	1550.2	49298.31	49697.40	-399.09	-397.57
Jan 5 2022	-81.70321	35.94606	63.54	-7.4	436577.50	3978194.08	1551.4	49310.79	49697.39	-386.60	-403.62
Jan 5 2022	-81.70320	35.94605	63.54	-7.4	436578.58	3978193.31	1552.6	49317.02	49697.39	-380.37	-409.82
Jan 5 2022	-81.70319	35.94605	63.54	-7.4	436579.78	3978192.58	1553.8	49323.35	49697.39	-374.04	-416.04
Jan 5 2022	-81.70317	35.94604	63.54	-7.4	436580.87	3978191.73	1555.0	49345.87	49697.39	-351.52	-421.99
Jan 5 2022	-81.70316	35.94603	63.54	-7.4	436581.95	3978190.86	1556.3	49352.00	49697.38	-345.38	-428.67
Jan 5 2022	-81.70315	35.94602	63.54	-7.4	436583.09	3978189.99	1557.6	49336.65	49697.38	-360.72	-435.50
Jan 5 2022	-81.70314	35.94602	63.54	-7.4	436584.31	3978189.25	1558.8	49353.19	49697.37	-344.18	-441.38
Jan 5 2022	-81.70312	35.94601	63.54	-7.4	436585.53	3978188.57	1559.9	49371.39	49697.37	-325.97	-446.61
Jan 5 2022	-81.70311	35.94600	63.54	-7.4	436586.80	3978187.84	1561.1	49381.11	49697.36	-316.26	-451.45
Jan 5 2022	-81.70309	35.94600	63.54	-7.4	436588.11	3978187.07	1562.4	49390.82	49697.36	-306.55	-455.92
Jan 5 2022	-81.70308	35.94599	63.54	-7.4	436589.31	3978186.23	1563.7	49411.91	49697.36	-285.45	-459.58
Jan 5 2022	-81.70307	35.94598	63.54	-7.4	436590.52	3978185.31	1565.1	49433.27	49697.36	-264.09	-461.86
Jan 5 2022	-81.70305	35.94597	63.54	-7.4	436591.79	3978184.45	1566.4	49447.40	49697.35	-249.95	-461.59
Jan 5 2022	-81.70304	35.94597	63.54	-7.4	436593.13	3978183.77	1567.6	49480.26	49697.35	-217.09	-456.92

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70302	35.94596	63.54	-7.4	436594.53	3978183.32	1568.6	49506.00	49697.35	-191.35	-448.86
Jan 5 2022	-81.70301	35.94596	63.54	-7.4	436595.95	3978183.03	1569.5	49523.27	49697.35	-174.08	-439.91
Jan 5 2022	-81.70299	35.94596	63.54	-7.4	436597.43	3978182.73	1570.4	49533.65	49697.35	-163.70	-431.08
Jan 5 2022	-81.70297	35.94595	63.54	-7.4	436598.98	3978182.33	1571.5	49533.66	49697.34	-163.68	-422.02
Jan 5 2022	-81.70296	35.94595	63.54	-7.4	436600.41	3978181.86	1572.5	49517.07	49697.34	-180.27	-413.21
Jan 5 2022	-81.70294	35.94595	63.54	-7.4	436601.72	3978181.31	1573.6	49478.48	49697.33	-218.85	-404.54
Jan 5 2022	-81.70293	35.94594	63.54	-7.4	436602.93	3978180.58	1574.8	49429.64	49697.33	-267.69	-398.41
Jan 5 2022	-81.70292	35.94593	63.54	-7.4	436604.12	3978179.71	1576.1	49415.61	49697.33	-281.71	-393.78
Jan 5 2022	-81.70290	35.94592	63.54	-7.4	436605.19	3978178.89	1577.3	49467.97	49697.32	-229.35	-388.84
Jan 5 2022	-81.70289	35.94592	63.54	-7.4	436606.33	3978178.06	1578.6	49583.04	49697.32	-114.28	-380.85
Jan 5 2022	-81.70288	35.94591	63.54	-7.4	436607.50	3978177.07	1580.0	49711.24	49697.31	13.92	-370.10
Jan 5 2022	-81.70287	35.94590	63.54	-7.4	436608.48	3978176.03	1581.4	49781.36	49697.31	84.05	-357.83
Jan 5 2022	-81.70285	35.94589	63.54	-7.4	436609.61	3978174.99	1582.8	49749.78	49697.30	52.48	-346.30
Jan 5 2022	-81.70284	35.94588	63.54	-7.4	436610.82	3978173.96	1584.3	49673.66	49697.30	-23.64	-336.04
Jan 5 2022	-81.70283	35.94587	63.54	-7.4	436611.81	3978172.89	1585.7	49603.25	49697.29	-94.04	-327.37
Jan 5 2022	-81.70282	35.94586	63.54	-7.4	436612.87	3978171.92	1587.0	49570.67	49697.29	-126.63	-319.40
Jan 5 2022	-81.70280	35.94585	63.54	-7.4	436614.18	3978171.02	1588.4	49552.16	49697.29	-145.13	-311.77
Jan 5 2022	-81.70279	35.94584	63.54	-7.4	436615.50	3978170.10	1589.8	49516.25	49697.28	-181.04	-303.74
Jan 5 2022	-81.70277	35.94584	63.54	-7.4	436616.84	3978169.24	1591.2	49447.36	49697.28	-249.92	-296.33
Jan 5 2022	-81.70276	35.94583	63.54	-7.4	436618.21	3978168.50	1592.5	49300.09	49697.27	-397.17	-292.23
Jan 5 2022	-81.70275	35.94582	63.54	-7.4	436619.44	3978167.70	1593.7	49243.87	49697.26	-453.39	-289.58
Jan 5 2022	-81.70273	35.94582	63.54	-7.4	436620.73	3978166.80	1595.1	49484.57	49697.25	-212.68	-282.20
Jan 5 2022	-81.70272	35.94581	63.54	-7.4	436622.09	3978165.90	1596.6	49474.40	49697.25	-222.85	-275.02
Jan 5 2022	-81.70270	35.94580	63.54	-7.4	436623.30	3978165.06	1597.9	49487.25	49697.25	-210.00	-268.14
Jan 5 2022	-81.70269	35.94579	63.54	-7.4	436624.42	3978164.33	1599.0	49523.66	49697.25	-173.58	-261.17

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70268	35.94579	63.54	-7.4	436625.55	3978163.61	1600.2	49544.17	49697.24	-153.07	-253.82
Jan 5 2022	-81.70266	35.94578	63.54	-7.4	436626.79	3978162.81	1601.4	49550.20	49697.23	-147.03	-246.58
Jan 5 2022	-81.70265	35.94577	63.54	-7.4	436628.14	3978161.98	1602.8	49549.36	49697.23	-147.87	-240.01
Jan 5 2022	-81.70263	35.94577	63.54	-7.4	436629.47	3978161.21	1604.1	49545.82	49697.22	-151.40	-234.74
Jan 5 2022	-81.70262	35.94576	63.54	-7.4	436630.73	3978160.35	1605.4	49539.14	49697.22	-158.08	-230.84
Jan 5 2022	-81.70261	35.94575	63.54	-7.4	436631.80	3978159.44	1606.7	49528.38	49697.22	-168.84	-229.42
Jan 5 2022	-81.70260	35.94574	63.54	-7.4	436632.82	3978158.49	1608.0	49516.29	49697.21	-180.92	-228.77
Jan 5 2022	-81.70258	35.94573	63.54	-7.4	436633.98	3978157.41	1609.5	49505.00	49697.20	-192.20	-226.27
Jan 5 2022	-81.70257	35.94572	63.54	-7.4	436635.15	3978156.31	1611.0	49494.09	49697.20	-203.10	-222.72
Jan 5 2022	-81.70256	35.94571	63.54	-7.4	436636.35	3978155.30	1612.5	49484.76	49697.19	-212.44	-218.94
Jan 5 2022	-81.70254	35.94570	63.54	-7.4	436637.55	3978154.37	1613.9	49481.05	49697.19	-216.14	-215.28
Jan 5 2022	-81.70253	35.94570	63.54	-7.4	436638.69	3978153.41	1615.2	49482.69	49697.18	-214.49	-211.84
Jan 5 2022	-81.70252	35.94569	63.54	-7.4	436639.85	3978152.42	1616.7	49485.33	49697.17	-211.84	-208.46
Jan 5 2022	-81.70251	35.94568	63.54	-7.4	436640.95	3978151.26	1618.2	49492.19	49697.16	-204.97	-205.08
Jan 5 2022	-81.70249	35.94567	63.54	-7.4	436641.91	3978150.02	1619.7	49504.44	49697.15	-192.71	-201.91
Jan 5 2022	-81.70249	35.94566	63.54	-7.4	436642.79	3978148.85	1621.2	49522.90	49697.15	-174.25	-198.48
Jan 5 2022	-81.70248	35.94564	63.54	-7.4	436643.64	3978147.69	1622.6	49542.74	49697.14	-154.40	-194.36
Jan 5 2022	-81.70247	35.94563	63.54	-7.4	436644.49	3978146.45	1624.1	49559.66	49697.12	-137.46	-190.22
Jan 5 2022	-81.70246	35.94562	63.54	-7.4	436645.37	3978145.26	1625.6	49574.24	49697.11	-122.87	-186.16
Jan 5 2022	-81.70245	35.94561	63.54	-7.4	436646.25	3978144.08	1627.0	49568.56	49697.11	-128.55	-182.41
Jan 5 2022	-81.70244	35.94560	63.54	-7.4	436647.24	3978142.97	1628.4	49579.55	49697.10	-117.56	-178.63
Jan 5 2022	-81.70242	35.94559	63.54	-7.4	436648.33	3978142.12	1629.7	49618.48	49697.10	-78.62	-174.49
Jan 5 2022	-81.70241	35.94559	63.54	-7.4	436649.45	3978141.31	1630.9	49613.73	49697.09	-83.37	-170.88
Jan 5 2022	-81.70240	35.94558	63.54	-7.4	436650.71	3978140.52	1632.2	49613.26	49697.08	-83.83	-167.55
Jan 5 2022	-81.70238	35.94557	63.54	-7.4	436652.13	3978139.75	1633.6	49609.72	49697.08	-87.36	-164.96

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.70237	35.94557	63.54	-7.4	436653.39	3978138.88	1634.9	49607.88	49697.08	-89.20	-162.92	
Jan 5 2022	-81.70235	35.94556	63.54	-7.4	436654.50	3978138.02	1636.2	49628.95	49697.07	-68.12	-160.80	
Jan 5 2022	-81.70234	35.94555	63.54	-7.4	436655.68	3978137.15	1637.5	49703.09	49697.06	6.02	-157.40	
Jan 5 2022	-81.70233	35.94554	63.54	-7.4	436656.90	3978136.19	1638.9	49696.00	49697.06	-1.06	-154.15	
Jan 5 2022	-81.70231	35.94553	63.54	-7.4	436658.06	3978135.14	1640.4	49642.72	49697.05	-54.33	-151.63	
Jan 5 2022	-81.70230	35.94552	63.54	-7.4	436659.14	3978134.19	1641.7	49629.85	49697.04	-67.20	-148.60	
Jan 5 2022	-81.70229	35.94552	63.54	-7.4	436660.20	3978133.43	1642.9	49626.35	49697.04	-70.69	-144.66	
Jan 5 2022	-81.70228	35.94551	63.54	-7.4	436661.28	3978132.65	1644.1	49626.22	49697.04	-70.82	-140.44	
Jan 5 2022	-81.70227	35.94550	63.54	-7.4	436662.45	3978131.75	1645.4	49627.21	49697.03	-69.82	-137.25	
Jan 5 2022	-81.70225	35.94549	63.54	-7.4	436663.68	3978130.90	1646.7	49627.91	49697.02	-69.11	-136.35	
Jan 5 2022	-81.70224	35.94549	63.54	-7.4	436664.96	3978130.04	1648.1	49628.84	49697.02	-68.18	-137.99	
Jan 5 2022	-81.70222	35.94548	63.54	-7.4	436666.20	3978129.04	1649.6	49629.82	49697.02	-67.20	-141.01	
Jan 5 2022	-81.70221	35.94547	63.54	-7.4	436667.34	3978127.99	1651.0	49629.32	49697.01	-67.70	-143.42	
Jan 5 2022	-81.70220	35.94546	63.54	-7.4	436668.37	3978126.95	1652.4	49628.90	49697.01	-68.11	-144.31	
Jan 5 2022	-81.70219	35.94545	63.54	-7.4	436669.40	3978125.87	1653.9	49628.75	49697.00	-68.25	-143.79	
Jan 5 2022	-81.70217	35.94544	63.54	-7.4	436670.59	3978124.72	1655.4	49630.30	49696.99	-66.70	-142.59	
Jan 5 2022	-81.70216	35.94543	63.54	-7.4	436671.86	3978123.59	1657.0	49629.18	49696.99	-67.81	-141.05	
Jan 5 2022	-81.70215	35.94542	63.54	-7.4	436672.93	3978122.58	1658.4	49623.48	49696.98	-73.50	-138.90	
Jan 5 2022	-81.70214	35.94541	63.54	-7.4	436673.90	3978121.69	1659.7	49612.13	49696.97	-84.84	-135.59	
Jan 5 2022	-81.70213	35.94541	63.54	-7.4	436675.01	3978120.89	1660.9	49593.46	49696.96	-103.51	-129.72	
Jan 5 2022	-81.70211	35.94540	63.54	-7.4	436676.24	3978120.11	1662.2	49559.35	49696.96	-137.61	-123.40	
Jan 5 2022	-81.70210	35.94539	63.54	-7.4	436677.48	3978119.20	1663.5	49492.83	49696.95	-204.12	-123.23	
Jan 5 2022	-81.70208	35.94538	63.54	-7.4	436678.74	3978118.25	1665.0	49369.33	49696.94	-327.62	-125.33	
Jan 5 2022	-81.70207	35.94537	63.54	-7.4	436679.84	3978117.30	1666.3	49324.96	49696.94	-371.98	-128.57	
Jan 5 2022	-81.70206	35.94536	63.54	-7.4	436680.87	3978116.25	1667.7	49448.54	49696.93	-248.39	-130.06	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70205	35.94535	63.54	-7.4	436681.95	3978115.16	1669.2	49456.75	49696.92	-240.17	-131.81
Jan 5 2022	-81.70204	35.94534	63.54	-7.4	436682.94	3978114.04	1670.7	49527.76	49696.91	-169.15	-132.25
Jan 5 2022	-81.70203	35.94533	63.54	-7.4	436684.00	3978113.02	1672.1	49582.83	49696.90	-114.07	-131.57
Jan 5 2022	-81.70201	35.94533	63.54	-7.4	436685.10	3978112.05	1673.4	49610.44	49696.89	-86.45	-130.27
Jan 5 2022	-81.70200	35.94532	63.54	-7.4	436686.23	3978111.11	1674.8	49619.20	49696.88	-77.68	-128.67
Jan 5 2022	-81.70199	35.94531	63.54	-7.4	436687.53	3978110.27	1676.1	49623.94	49696.87	-72.93	-126.75
Jan 5 2022	-81.70197	35.94530	63.54	-7.4	436688.85	3978109.45	1677.5	49628.27	49696.87	-68.60	-124.50
Jan 5 2022	-81.70196	35.94530	63.54	-7.4	436690.07	3978108.63	1678.8	49631.46	49696.86	-65.40	-121.96
Jan 5 2022	-81.70194	35.94529	63.54	-7.4	436691.34	3978107.66	1680.2	49632.28	49696.86	-64.57	-119.19
Jan 5 2022	-81.70193	35.94528	63.54	-7.4	436692.50	3978106.57	1681.7	49636.00	49696.85	-60.85	-116.16
Jan 5 2022	-81.70192	35.94527	63.54	-7.4	436693.57	3978105.51	1683.2	49639.37	49696.84	-57.47	-112.99
Jan 5 2022	-81.70191	35.94526	63.54	-7.4	436694.71	3978104.50	1684.6	49640.66	49696.83	-56.17	-109.82
Jan 5 2022	-81.70189	35.94525	63.54	-7.4	436695.83	3978103.53	1686.0	49640.10	49696.83	-56.73	-106.72
Jan 5 2022	-81.70188	35.94524	63.54	-7.4	436697.08	3978102.52	1687.5	49636.78	49696.82	-60.04	-103.82
Jan 5 2022	-81.70187	35.94523	63.54	-7.4	436698.34	3978101.68	1688.8	49631.27	49696.82	-65.55	-101.28
Jan 5 2022	-81.70185	35.94523	63.54	-7.4	436699.40	3978100.83	1690.1	49631.59	49696.81	-65.22	-99.10
Jan 5 2022	-81.70184	35.94522	63.54	-7.4	436700.57	3978099.84	1691.5	49647.08	49696.80	-49.72	-97.00
Jan 5 2022	-81.70183	35.94521	63.54	-7.4	436701.86	3978098.96	1692.9	49650.13	49696.79	-46.67	-95.19
Jan 5 2022	-81.70181	35.94520	63.54	-7.4	436703.04	3978098.08	1694.2	49649.02	49696.79	-47.77	-93.69
Jan 5 2022	-81.70180	35.94519	63.54	-7.4	436704.12	3978097.07	1695.6	49647.66	49696.78	-49.12	-92.10
Jan 5 2022	-81.70179	35.94518	63.54	-7.4	436705.09	3978096.03	1697.0	49647.40	49696.77	-49.37	-90.73
Jan 5 2022	-81.70178	35.94517	63.54	-7.4	436706.16	3978094.93	1698.5	49645.89	49696.76	-50.87	-90.18
Jan 5 2022	-81.70176	35.94516	63.54	-7.4	436707.36	3978093.72	1700.1	49642.31	49696.75	-54.44	-89.60
Jan 5 2022	-81.70175	35.94515	63.54	-7.4	436708.52	3978092.45	1701.8	49631.02	49696.74	-65.72	-89.24
Jan 5 2022	-81.70174	35.94514	63.54	-7.4	436709.46	3978091.27	1703.3	49610.56	49696.74	-86.18	-89.21

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.70173	35.94513	63.54	-7.4	436710.40	3978090.19	1704.7	49593.03	49696.73	-103.71	-89.50
Jan 5 2022	-81.70172	35.94512	63.54	-7.4	436711.45	3978089.15	1706.1	49596.29	49696.73	-100.44	-90.15
Jan 5 2022	-81.70171	35.94511	63.54	-7.4	436712.47	3978088.05	1707.5	49603.36	49696.72	-93.36	-92.14
Jan 5 2022	-81.70170	35.94510	63.54	-7.4	436713.50	3978086.83	1709.1	49612.89	49696.71	-83.82	-93.79
Jan 5 2022	-81.70168	35.94509	63.54	-7.4	436714.53	3978085.59	1710.7	49624.79	49696.71	-71.92	-94.15
Jan 5 2022	-81.70167	35.94508	63.54	-7.4	436715.66	3978084.16	1712.5	49635.59	49696.71	-61.12	-94.02
Jan 5 2022	-81.70166	35.94506	63.54	-7.4	436716.53	3978082.76	1714.1	49640.57	49696.71	-56.13	-93.73
Jan 5 2022	-81.70166	35.94505	63.54	-7.4	436717.08	3978081.50	1715.5	49642.79	49696.70	-53.91	-93.39
Jan 5 2022	-81.70165	35.94504	63.54	-7.4	436717.68	3978080.05	1717.0	49644.99	49696.70	-51.71	-93.03
Jan 5 2022	-81.70164	35.94503	63.54	-7.4	436718.42	3978078.64	1718.6	49646.85	49696.69	-49.84	-92.65
Jan 5 2022	-81.70163	35.94502	63.54	-7.4	436719.39	3978077.34	1720.2	49646.39	49696.69	-50.29	-92.29
Jan 5 2022	-81.70162	35.94500	63.54	-7.4	436720.42	3978076.00	1721.9	49644.99	49696.68	-51.69	-91.98
Jan 5 2022	-81.70161	35.94499	63.54	-7.4	436721.36	3978074.76	1723.5	49643.80	49696.68	-52.88	-91.68
Jan 5 2022	-81.70160	35.94498	63.54	-7.4	436722.35	3978073.64	1724.9	49642.10	49696.68	-54.57	-91.41
Jan 5 2022	-81.70159	35.94497	63.54	-7.4	436723.23	3978072.61	1726.2	49640.68	49696.67	-55.99	-91.17
Jan 5 2022	-81.70158	35.94496	63.54	-7.4	436724.04	3978071.63	1727.5	49644.42	49696.67	-52.25	-90.88
Jan 5 2022	-81.70157	35.94496	63.54	-7.4	436724.96	3978070.76	1728.7	49648.42	49696.66	-48.24	-90.49
Jan 5 2022	-81.70156	35.94495	63.54	-7.4	436726.05	3978069.94	1729.9	49649.86	49696.66	-46.80	-89.95
Jan 5 2022	-81.70154	35.94494	63.54	-7.4	436727.31	3978069.00	1731.4	49650.72	49696.66	-45.94	-89.17
Jan 5 2022	-81.70153	35.94493	63.54	-7.4	436728.53	3978067.98	1732.8	49646.09	49696.65	-50.57	-88.12
Jan 5 2022	-81.70152	35.94492	63.54	-7.4	436729.55	3978067.00	1734.2	49647.67	49696.65	-48.98	-86.34
Jan 5 2022	-81.70150	35.94492	63.54	-7.4	436730.63	3978066.15	1735.4	49652.41	49696.64	-44.23	-83.15
Jan 5 2022	-81.70149	35.94491	63.54	-7.4	436731.78	3978065.24	1736.8	49648.76	49696.63	-47.87	-77.55
Jan 5 2022	-81.70148	35.94490	63.54	-7.4	436732.83	3978064.22	1738.2	49646.23	49696.62	-50.39	-71.12
Jan 5 2022	-81.70147	35.94489	63.54	-7.4	436733.57	3978063.27	1739.4	49645.00	49696.61	-51.61	-67.18

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.70146	35.94488	63.54	-7.4	436734.22	3978062.36	1740.5	49644.95	49696.61	-51.66	-63.41	
Jan 5 2022	-81.70145	35.94487	63.54	-7.4	436735.09	3978061.38	1741.8	49644.02	49696.61	-52.58	-61.08	
Jan 5 2022	-81.70144	35.94486	63.54	-7.4	436736.10	3978060.39	1743.1	49642.36	49696.60	-54.24	-59.89	
Jan 5 2022	-81.70143	35.94486	63.54	-7.4	436737.14	3978059.46	1744.4	49640.05	49696.60	-56.55	-59.29	
Jan 5 2022	-81.70142	35.94485	63.54	-7.4	436738.15	3978058.54	1745.7	49637.15	49696.60	-59.45	-58.92	
Jan 5 2022	-81.70141	35.94484	63.54	-7.4	436739.05	3978057.52	1747.1	49638.01	49696.60	-58.59	-58.64	
Jan 5 2022	-81.70140	35.94483	63.54	-7.4	436739.78	3978056.43	1748.4	49637.71	49696.59	-58.89	-58.44	
Jan 5 2022	-81.70139	35.94482	63.54	-7.4	436740.49	3978055.32	1749.7	49635.15	49696.59	-61.45	-58.36	
Jan 5 2022	-81.70139	35.94481	63.54	-7.4	436741.25	3978054.17	1751.1	49633.51	49696.59	-63.08	-58.33	
Jan 5 2022	-81.70138	35.94480	63.54	-7.4	436742.09	3978053.17	1752.3	49629.93	49696.58	-66.66	-58.45	
Jan 5 2022	-81.70137	35.94479	63.54	-7.4	436743.01	3978052.32	1753.5	49626.06	49696.58	-70.52	-58.71	
Jan 5 2022	-81.70135	35.94478	63.54	-7.4	436744.03	3978051.36	1754.9	49621.65	49696.57	-74.92	-59.08	
Jan 5 2022	-81.70134	35.94477	63.54	-7.4	436745.00	3978050.26	1756.3	49614.83	49696.57	-81.73	-59.59	
Jan 5 2022	-81.70133	35.94476	63.54	-7.4	436745.80	3978049.11	1757.7	49607.12	49696.56	-89.44	-60.17	
Jan 5 2022	-81.70132	35.94475	63.54	-7.4	436746.79	3978047.88	1759.2	49598.47	49696.56	-98.08	-60.82	
Jan 5 2022	-81.70131	35.94474	63.54	-7.4	436747.89	3978046.64	1760.9	49588.83	49696.55	-107.72	-61.67	
Jan 5 2022	-81.70130	35.94473	63.54	-7.4	436748.91	3978045.45	1762.4	49577.09	49696.55	-119.46	-63.07	
Jan 5 2022	-81.70129	35.94472	63.54	-7.4	436749.86	3978044.29	1763.9	49562.91	49696.55	-133.64	-64.81	
Jan 5 2022	-81.70128	35.94471	63.54	-7.4	436750.75	3978043.18	1765.3	49552.39	49696.54	-144.15	-66.74	
Jan 5 2022	-81.70127	35.94470	63.54	-7.4	436751.58	3978042.09	1766.6	49550.05	49696.54	-146.49	-68.68	
Jan 5 2022	-81.70126	35.94469	63.54	-7.4	436752.55	3978040.91	1768.1	49555.27	49696.53	-141.26	-70.52	
Jan 5 2022	-81.70125	35.94468	63.53	-7.4	436753.74	3978039.71	1769.8	49565.84	49696.51	-130.68	-72.12	
Jan 5 2022	-81.70123	35.94467	63.53	-7.4	436754.96	3978038.49	1771.4	49577.92	49696.50	-118.58	-73.40	
Jan 5 2022	-81.70122	35.94466	63.53	-7.4	436756.04	3978037.22	1773.0	49587.60	49696.49	-108.89	-74.26	
Jan 5 2022	-81.70121	35.94465	63.53	-7.4	436756.75	3978036.02	1774.4	49595.60	49696.49	-100.89	-74.56	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70120	35.94464	63.53	-7.4	436757.57	3978034.98	1775.7	49602.99	49696.49	-93.50	-74.35
Jan 5 2022	-81.70119	35.94463	63.53	-7.4	436758.69	3978033.91	1777.2	49608.90	49696.49	-87.60	-74.10
Jan 5 2022	-81.70118	35.94462	63.53	-7.4	436759.76	3978032.80	1778.7	49612.28	49696.49	-84.21	-73.91
Jan 5 2022	-81.70117	35.94461	63.53	-7.4	436760.73	3978031.69	1780.2	49616.25	49696.48	-80.23	-73.84
Jan 5 2022	-81.70116	35.94460	63.53	-7.4	436761.65	3978030.56	1781.6	49617.60	49696.47	-78.87	-73.98
Jan 5 2022	-81.70115	35.94459	63.53	-7.4	436762.53	3978029.44	1783.0	49619.70	49696.46	-76.76	-74.29
Jan 5 2022	-81.70114	35.94458	63.53	-7.4	436763.50	3978028.41	1784.4	49620.55	49696.45	-75.90	-74.69
Jan 5 2022	-81.70112	35.94457	63.53	-7.4	436764.67	3978027.36	1785.9	49615.53	49696.45	-80.92	-75.23
Jan 5 2022	-81.70111	35.94456	63.53	-7.4	436765.91	3978026.28	1787.4	49610.26	49696.45	-86.19	-75.92
Jan 5 2022	-81.70110	35.94455	63.53	-7.4	436766.84	3978025.21	1788.8	49604.12	49696.45	-92.33	-76.77
Jan 5 2022	-81.70109	35.94454	63.53	-7.4	436767.70	3978024.04	1790.2	49594.00	49696.45	-102.45	-77.81
Jan 5 2022	-81.70108	35.94453	63.53	-7.4	436768.75	3978022.92	1791.7	49578.81	49696.44	-117.63	-79.13
Jan 5 2022	-81.70107	35.94452	63.53	-7.4	436769.91	3978021.91	1793.2	49561.81	49696.43	-134.62	-80.77
Jan 5 2022	-81.70105	35.94451	63.53	-7.4	436770.89	3978020.89	1794.5	49548.61	49696.43	-147.82	-82.63
Jan 5 2022	-81.70104	35.94450	63.53	-7.4	436771.82	3978019.79	1795.9	49545.98	49696.42	-150.44	-84.52
Jan 5 2022	-81.70103	35.94449	63.53	-7.4	436772.96	3978018.61	1797.5	49548.29	49696.42	-148.13	-86.44
Jan 5 2022	-81.70102	35.94448	63.53	-7.4	436774.15	3978017.43	1799.1	49550.09	49696.41	-146.32	-88.40
Jan 5 2022	-81.70101	35.94447	63.53	-7.4	436775.14	3978016.37	1800.6	49550.07	49696.40	-146.33	-90.39
Jan 5 2022	-81.70100	35.94446	63.53	-7.4	436776.03	3978015.40	1801.8	49536.85	49696.40	-159.55	-92.66
Jan 5 2022	-81.70099	35.94445	63.53	-7.4	436777.00	3978014.34	1803.2	49496.77	49696.39	-199.62	-95.64
Jan 5 2022	-81.70098	35.94444	63.53	-7.4	436777.96	3978013.24	1804.7	49438.92	49696.38	-257.46	-99.81
Jan 5 2022	-81.70096	35.94443	63.53	-7.4	436779.16	3978012.23	1806.1	49347.32	49696.38	-349.06	-105.91
Jan 5 2022	-81.70095	35.94442	63.53	-7.4	436780.37	3978011.18	1807.6	49204.93	49696.37	-491.44	-114.78
Jan 5 2022	-81.70094	35.94441	63.53	-7.4	436781.33	3978010.03	1809.1	49038.74	49696.36	-657.62	-126.92
Jan 5 2022	-81.70093	35.94440	63.53	-7.4	436782.38	3978008.91	1810.6	48946.50	49696.36	-749.85	-140.89

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70091	35.94439	63.53	-7.4	436783.45	3978007.86	1812.0	48897.62	49696.35	-798.73	-155.83
Jan 5 2022	-81.70090	35.94438	63.53	-7.4	436784.31	3978006.62	1813.5	48859.30	49696.34	-837.05	-171.52
Jan 5 2022	-81.70090	35.94437	63.53	-7.4	436785.02	3978005.18	1815.1	48799.27	49696.33	-897.06	-188.38
Jan 5 2022	-81.70089	35.94436	63.53	-7.4	436785.84	3978003.84	1816.7	48775.39	49696.33	-920.94	-205.66
Jan 5 2022	-81.70088	35.94435	63.53	-7.4	436786.76	3978002.53	1818.3	48697.24	49696.32	-999.08	-224.46
Jan 5 2022	-81.70080	35.94426	63.53	-7.4	436793.81	3977992.82	1830.2	49942.52	49696.27	246.25	-218.36
Jan 5 2022	-81.70079	35.94425	63.53	-7.4	436794.89	3977991.73	1831.7	48771.28	49696.26	-924.99	-235.68
Jan 5 2022	-81.70077	35.94424	63.53	-7.4	436795.95	3977990.64	1833.2	49057.01	49696.26	-639.24	-247.24
Jan 5 2022	-81.70072	35.94419	63.53	-7.4	436800.99	3977984.84	1840.7	49973.05	49696.21	276.84	-240.44
Jan 5 2022	-81.70071	35.94418	63.53	-7.4	436801.75	3977983.75	1842.0	49169.80	49696.21	-526.41	-249.63
Jan 5 2022	-81.70070	35.94417	63.53	-7.4	436802.78	3977982.55	1843.6	49992.75	49696.21	296.54	-242.29
Jan 5 2022	-81.70065	35.94411	63.53	-7.4	436807.49	3977976.44	1851.2	49194.08	49696.16	-502.08	-250.84
Jan 5 2022	-81.70063	35.94409	63.53	-7.4	436808.93	3977973.77	1854.2	49917.84	49696.14	221.69	-244.77
Jan 5 2022	-81.70049	35.94397	63.53	-7.4	436821.05	3977960.57	1871.7	48745.70	49696.09	-950.39	-261.99
Jan 5 2022	-81.70049	35.94396	63.53	-7.4	436821.44	3977960.05	1872.3	48780.53	49696.09	-915.56	-278.34
Jan 5 2022	-81.70048	35.94396	63.53	-7.4	436822.31	3977959.03	1873.7	49125.50	49696.09	-570.59	-287.59
Jan 5 2022	-81.70047	35.94395	63.53	-7.4	436823.31	3977958.03	1875.0	49273.19	49696.09	-422.90	-293.66
Jan 5 2022	-81.70046	35.94394	63.53	-7.4	436824.28	3977956.86	1876.5	49369.39	49696.09	-326.70	-297.52
Jan 5 2022	-81.70045	35.94393	63.53	-7.4	436825.29	3977955.69	1878.0	49429.24	49696.08	-266.84	-299.98
Jan 5 2022	-81.70043	35.94392	63.53	-7.4	436826.32	3977954.62	1879.5	49467.85	49696.07	-228.22	-301.61
Jan 5 2022	-81.70042	35.94391	63.53	-7.4	436827.21	3977953.45	1880.9	49493.34	49696.06	-202.72	-302.84
Jan 5 2022	-81.70041	35.94389	63.53	-7.4	436828.26	3977952.27	1882.5	49512.05	49696.06	-184.01	-303.91
Jan 5 2022	-81.70040	35.94388	63.53	-7.4	436829.28	3977951.13	1884.0	49520.82	49696.06	-175.25	-305.04
Jan 5 2022	-81.70039	35.94387	63.53	-7.4	436830.23	3977949.95	1885.5	49521.75	49696.06	-174.31	-306.35
Jan 5 2022	-81.70038	35.94386	63.53	-7.4	436831.10	3977948.64	1887.0	49518.34	49696.05	-177.71	-307.89

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.70037	35.94385	63.53	-7.4	436831.88	3977947.53	1888.4	49514.60	49696.04	-181.44	-309.64	
Jan 5 2022	-81.70036	35.94385	63.53	-7.4	436832.86	3977946.73	1889.6	49517.12	49696.03	-178.91	-311.47	
Jan 5 2022	-81.70035	35.94384	63.53	-7.4	436834.17	3977946.04	1890.8	49534.48	49696.02	-161.54	-313.02	
Jan 5 2022	-81.70033	35.94383	63.53	-7.4	436835.65	3977945.37	1892.1	49568.71	49696.02	-127.30	-313.96	
Jan 5 2022	-81.70031	35.94383	63.53	-7.4	436837.09	3977944.59	1893.5	49618.35	49696.01	-77.66	-313.93	
Jan 5 2022	-81.70030	35.94382	63.53	-7.4	436838.59	3977943.81	1894.9	49577.91	49696.00	-118.09	-314.76	
Jan 5 2022	-81.70028	35.94381	63.53	-7.4	436840.12	3977942.95	1896.4	49574.23	49696.00	-121.77	-315.68	
Jan 5 2022	-81.70027	35.94380	63.53	-7.4	436841.36	3977942.03	1897.9	49584.60	49695.99	-111.39	-316.29	
Jan 5 2022	-81.70026	35.94379	63.53	-7.4	436842.12	3977941.04	1899.1	49597.66	49695.99	-98.32	-316.53	
Jan 5 2022	-81.70025	35.94379	63.53	-7.4	436843.12	3977939.98	1900.5	49612.50	49695.98	-83.48	-316.35	
Jan 5 2022	-81.70023	35.94378	63.53	-7.4	436844.26	3977938.86	1902.0	49619.60	49695.98	-76.37	-315.83	
Jan 5 2022	-81.70022	35.94376	63.53	-7.4	436845.15	3977937.64	1903.5	49615.52	49695.97	-80.45	-315.09	
Jan 5 2022	-81.70021	35.94375	63.53	-7.4	436846.13	3977936.53	1905.0	49609.86	49695.96	-86.10	-314.12	
Jan 5 2022	-81.70020	35.94374	63.53	-7.4	436847.12	3977935.45	1906.4	49612.87	49695.95	-83.08	-312.82	
Jan 5 2022	-81.70019	35.94373	63.53	-7.4	436848.01	3977934.28	1907.9	49616.21	49695.94	-79.73	-311.41	
Jan 5 2022	-81.70018	35.94372	63.53	-7.4	436848.78	3977933.02	1909.4	49603.55	49695.93	-92.38	-310.29	
Jan 5 2022	-81.70018	35.94371	63.53	-7.4	436849.27	3977931.74	1910.7	49599.42	49695.93	-96.51	-309.30	
Jan 5 2022	-81.70017	35.94370	63.53	-7.4	436849.83	3977930.57	1912.0	49598.06	49695.92	-97.86	-308.33	
Jan 5 2022	-81.70016	35.94369	63.53	-7.4	436850.66	3977929.43	1913.4	49605.98	49695.90	-89.92	-306.94	
Jan 5 2022	-81.70015	35.94368	63.53	-7.4	436851.39	3977928.24	1914.8	49610.96	49695.89	-84.94	-304.64	
Jan 5 2022	-81.70015	35.94367	63.53	-7.4	436852.20	3977926.97	1916.3	49613.94	49695.89	-81.95	-301.13	
Jan 5 2022	-81.70013	35.94366	63.53	-7.4	436853.17	3977925.68	1917.9	49612.96	49695.88	-82.92	-295.81	
Jan 5 2022	-81.70013	35.94365	63.53	-7.4	436853.84	3977924.38	1919.4	49594.68	49695.87	-101.19	-288.00	
Jan 5 2022	-81.70012	35.94363	63.53	-7.4	436854.41	3977923.09	1920.8	49581.66	49695.86	-114.20	-277.14	
Jan 5 2022	-81.70011	35.94362	63.53	-7.4	436854.99	3977921.97	1922.0	49605.03	49695.85	-90.82	-263.96	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.70011	35.94361	63.53	-7.4	436855.51	3977920.91	1923.2	49612.50	49695.85	-83.35	-249.65
Jan 5 2022	-81.70010	35.94360	63.53	-7.4	436856.11	3977919.78	1924.5	49614.00	49695.84	-81.84	-234.54
Jan 5 2022	-81.70010	35.94359	63.53	-7.4	436856.67	3977918.50	1925.9	49616.50	49695.83	-79.32	-218.19
Jan 5 2022	-81.70009	35.94358	63.53	-7.4	436857.08	3977917.15	1927.3	49618.27	49695.81	-77.53	-201.32
Jan 5 2022	-81.70009	35.94357	63.53	-7.4	436857.33	3977915.76	1928.6	49617.02	49695.79	-78.77	-182.91
Jan 5 2022	-81.70008	35.94355	63.53	-7.4	436857.79	3977914.23	1930.1	49616.09	49695.79	-79.70	-189.43
Jan 5 2022	-81.70007	35.94354	63.53	-7.4	436858.63	3977912.86	1931.7	49615.06	49695.78	-80.72	-172.55
Jan 5 2022	-81.70006	35.94353	63.53	-7.4	436859.43	3977911.76	1933.1	49614.87	49695.77	-80.89	-161.38
Jan 5 2022	-81.70006	35.94352	63.53	-7.4	436860.25	3977910.57	1934.5	49615.15	49695.75	-80.60	-168.53
Jan 5 2022	-81.70005	35.94351	63.53	-7.4	436861.07	3977909.18	1936.2	49614.14	49695.73	-81.59	-159.63
Jan 5 2022	-81.70004	35.94350	63.53	-7.4	436861.87	3977907.82	1937.7	49612.08	49695.73	-83.65	-167.24
Jan 5 2022	-81.70002	35.94348	63.53	-7.4	436862.97	3977906.44	1939.5	49609.88	49695.71	-85.84	-158.91
Jan 5 2022	-81.70001	35.94347	63.53	-7.4	436864.01	3977905.17	1941.1	49602.81	49695.70	-92.89	-165.20
Jan 5 2022	-81.70000	35.94346	63.53	-7.4	436864.76	3977903.91	1942.6	49588.03	49695.69	-107.66	-148.35
Jan 5 2022	-81.70000	35.94345	63.53	-7.4	436865.36	3977902.41	1944.2	49555.99	49695.68	-139.69	-132.83
Jan 5 2022	-81.69999	35.94343	63.53	-7.4	436865.84	3977900.92	1945.7	49544.29	49695.67	-151.38	-124.45
Jan 5 2022	-81.69999	35.94342	63.53	-7.4	436866.34	3977899.61	1947.1	49520.01	49695.66	-175.65	-119.50
Jan 5 2022	-81.69998	35.94341	63.53	-7.4	436866.82	3977898.26	1948.5	49451.15	49695.66	-244.51	-117.86
Jan 5 2022	-81.69997	35.94340	63.53	-7.4	436867.53	3977896.94	1950.0	49286.42	49695.65	-409.23	-120.71
Jan 5 2022	-81.69996	35.94339	63.53	-7.4	436868.36	3977895.66	1951.5	49078.43	49695.65	-617.22	-128.49
Jan 5 2022	-81.69996	35.94337	63.53	-7.4	436869.12	3977894.27	1953.1	49739.01	49695.63	43.38	-123.56
Jan 5 2022	-81.69995	35.94336	63.53	-7.4	436870.02	3977893.00	1954.6	50586.24	49695.62	890.62	-102.07
Jan 5 2022	-81.69994	35.94335	63.53	-7.4	436870.86	3977891.78	1956.1	49975.87	49695.61	280.27	-92.96
Jan 5 2022	-81.69993	35.94334	63.53	-7.4	436871.47	3977890.33	1957.7	49665.82	49695.60	-29.78	-90.07
Jan 5 2022	-81.69992	35.94333	63.53	-7.4	436871.93	3977888.79	1959.2	49564.65	49695.58	-130.93	-89.14

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69992	35.94331	63.53	-7.4	436872.41	3977887.32	1960.8	49525.12	49695.57	-170.44	-88.92
Jan 5 2022	-81.69991	35.94330	63.53	-7.4	436872.95	3977885.86	1962.3	49504.50	49695.55	-191.05	-89.16
Jan 5 2022	-81.69990	35.94329	63.53	-7.4	436873.61	3977884.43	1963.9	49491.23	49695.54	-204.31	-90.01
Jan 5 2022	-81.69990	35.94328	63.53	-7.4	436874.33	3977883.17	1965.3	49486.06	49695.55	-209.49	-91.66
Jan 5 2022	-81.69989	35.94326	63.53	-7.4	436875.07	3977882.00	1966.7	49486.30	49695.54	-209.24	-94.29
Jan 5 2022	-81.69988	35.94325	63.53	-7.4	436875.84	3977880.84	1968.1	49489.18	49695.53	-206.35	-96.05
Jan 5 2022	-81.69987	35.94324	63.53	-7.4	436876.60	3977879.74	1969.4	49500.08	49695.53	-195.45	-97.53
Jan 5 2022	-81.69986	35.94323	63.53	-7.4	436877.35	3977878.43	1970.9	49510.67	49695.52	-184.85	-99.00
Jan 5 2022	-81.69986	35.94322	63.53	-7.4	436877.99	3977876.99	1972.5	49522.66	49695.51	-172.85	-100.49
Jan 5 2022	-81.69985	35.94321	63.53	-7.4	436878.59	3977875.62	1974.0	49547.07	49695.50	-148.43	-101.79
Jan 5 2022	-81.69984	35.94319	63.53	-7.4	436879.14	3977874.13	1975.5	49566.22	49695.50	-129.28	-102.85
Jan 5 2022	-81.69984	35.94318	63.53	-7.4	436879.42	3977872.49	1977.1	49578.57	49695.49	-116.92	-103.57
Jan 5 2022	-81.69984	35.94316	63.53	-7.4	436879.57	3977870.82	1978.6	49589.86	49695.48	-105.62	-103.97
Jan 5 2022	-81.69983	35.94315	63.53	-7.4	436879.82	3977869.25	1980.1	49599.98	49695.48	-95.50	-104.21
Jan 5 2022	-81.69983	35.94314	63.53	-7.4	436880.17	3977867.96	1981.4	49608.68	49695.47	-86.79	-104.35
Jan 5 2022	-81.69982	35.94313	63.53	-7.4	436880.86	3977866.78	1982.8	49614.54	49695.46	-80.92	-104.13
Jan 5 2022	-81.69981	35.94312	63.53	-7.4	436881.75	3977865.60	1984.2	49618.46	49695.45	-77.00	-103.74
Jan 5 2022	-81.69980	35.94311	63.53	-7.4	436882.82	3977864.47	1985.8	49620.86	49695.44	-74.59	-103.27
Jan 5 2022	-81.69979	35.94310	63.53	-7.4	436883.99	3977863.26	1987.4	49621.77	49695.43	-73.66	-102.94
Jan 5 2022	-81.69978	35.94308	63.53	-7.4	436884.97	3977861.98	1989.0	49619.13	49695.42	-76.29	-102.77
Jan 5 2022	-81.69977	35.94307	63.53	-7.4	436885.74	3977860.59	1990.6	49607.29	49695.41	-88.12	-102.90
Jan 5 2022	-81.69976	35.94306	63.53	-7.4	436886.09	3977859.30	1991.9	49596.25	49695.41	-99.15	-103.22
Jan 5 2022	-81.69976	35.94305	63.53	-7.4	436886.08	3977858.05	1993.0	49592.59	49695.40	-102.81	-103.25
Jan 5 2022	-81.69976	35.94304	63.53	-7.4	436886.11	3977856.54	1994.3	49582.06	49695.39	-113.33	-103.23
Jan 5 2022	-81.69976	35.94302	63.53	-7.4	436886.33	3977854.90	1995.8	49561.35	49695.38	-134.03	-104.10

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69976	35.94301	63.53	-7.4	436886.41	3977853.42	1997.1	49538.72	49695.37	-156.65	-105.57
Jan 5 2022	-81.69976	35.94300	63.53	-7.4	436886.59	3977852.12	1998.4	49525.59	49695.36	-169.76	-107.32
Jan 5 2022	-81.69975	35.94298	63.53	-7.4	436887.16	3977850.88	1999.7	49520.09	49695.34	-175.25	-109.24
Jan 5 2022	-81.69974	35.94297	63.53	-7.4	436887.91	3977849.79	2001.0	49505.10	49695.33	-190.23	-111.50
Jan 5 2022	-81.69973	35.94297	63.53	-7.4	436888.82	3977848.86	2002.3	49484.87	49695.32	-210.46	-114.13
Jan 5 2022	-81.69972	35.94296	63.53	-7.4	436889.74	3977847.82	2003.6	49492.65	49695.32	-202.67	-116.59
Jan 5 2022	-81.69971	35.94295	63.53	-7.4	436890.57	3977846.53	2005.2	49523.97	49695.31	-171.33	-118.40
Jan 5 2022	-81.69970	35.94293	63.53	-7.4	436891.41	3977845.17	2006.8	49537.73	49695.30	-157.57	-119.93
Jan 5 2022	-81.69969	35.94292	63.53	-7.4	436892.29	3977843.86	2008.4	49528.59	49695.29	-166.70	-121.66
Jan 5 2022	-81.69968	35.94291	63.53	-7.4	436893.24	3977842.57	2009.9	49523.98	49695.28	-171.30	-123.45
Jan 5 2022	-81.69967	35.94290	63.53	-7.4	436894.41	3977841.28	2011.6	49604.15	49695.28	-91.12	-123.60
Jan 5 2022	-81.69966	35.94289	63.53	-7.4	436895.62	3977840.21	2013.2	49715.67	49695.27	20.40	-121.48
Jan 5 2022	-81.69965	35.94288	63.53	-7.4	436896.69	3977839.22	2014.6	49717.04	49695.28	21.76	-119.18
Jan 5 2022	-81.69964	35.94287	63.53	-7.4	436897.53	3977838.12	2015.9	49677.34	49695.29	-17.94	-117.39
Jan 5 2022	-81.69963	35.94286	63.53	-7.4	436898.15	3977836.95	2017.3	49651.03	49695.28	-44.26	-115.48
Jan 5 2022	-81.69962	35.94285	63.53	-7.4	436898.96	3977835.95	2018.5	49634.51	49695.28	-60.77	-113.67
Jan 5 2022	-81.69961	35.94284	63.53	-7.4	436900.12	3977835.16	2019.8	49627.92	49695.28	-67.36	-111.50
Jan 5 2022	-81.69959	35.94283	63.53	-7.4	436901.37	3977834.04	2021.4	49621.87	49695.27	-73.40	-108.08
Jan 5 2022	-81.69958	35.94282	63.53	-7.4	436902.53	3977832.44	2023.4	49620.53	49695.27	-74.74	-101.39
Jan 5 2022	-81.69957	35.94281	63.53	-7.4	436903.56	3977830.93	2025.2	49621.29	49695.26	-73.97	-90.53
Jan 5 2022	-81.69956	35.94280	63.53	-7.4	436904.60	3977829.84	2026.6	49618.76	49695.25	-76.49	-92.92
Jan 5 2022	-81.69955	35.94279	63.53	-7.4	436905.52	3977828.84	2028.0	49615.86	49695.25	-79.39	-112.32
Jan 5 2022	-81.69954	35.94278	63.53	-7.4	436906.39	3977827.59	2029.5	49615.06	49695.24	-80.18	-119.53
Jan 5 2022	-81.69953	35.94277	63.53	-7.4	436907.42	3977826.37	2031.1	49614.78	49695.23	-80.46	-120.55
Jan 5 2022	-81.69952	35.94276	63.53	-7.4	436908.35	3977825.28	2032.5	49614.56	49695.23	-80.67	-119.54

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.69950	35.94275	63.53	-7.4	436909.36	3977824.23	2033.9	49613.74	49695.24	-81.49	-117.76	
Jan 5 2022	-81.69949	35.94274	63.53	-7.4	436910.65	3977823.23	2035.4	49613.14	49695.23	-82.10	-115.58	
Jan 5 2022	-81.69948	35.94273	63.53	-7.4	436911.81	3977822.30	2036.8	49613.68	49695.23	-81.55	-113.13	
Jan 5 2022	-81.69947	35.94272	63.53	-7.4	436912.62	3977821.50	2037.9	49615.19	49695.22	-80.03	-110.54	
Jan 5 2022	-81.69946	35.94271	63.53	-7.4	436913.48	3977820.75	2038.9	49618.87	49695.21	-76.35	-107.88	
Jan 5 2022	-81.69945	35.94271	63.53	-7.4	436914.51	3977820.05	2040.1	49622.30	49695.20	-72.90	-105.21	
Jan 5 2022	-81.69943	35.94270	63.53	-7.4	436915.88	3977819.29	2041.4	49623.79	49695.20	-71.42	-102.73	
Jan 5 2022	-81.69942	35.94269	63.53	-7.4	436917.27	3977818.37	2042.9	49622.57	49695.20	-72.62	-100.49	
Jan 5 2022	-81.69940	35.94268	63.53	-7.4	436918.52	3977817.36	2044.4	49618.37	49695.19	-76.82	-98.56	
Jan 5 2022	-81.69939	35.94268	63.53	-7.4	436919.89	3977816.32	2046.0	49614.72	49695.18	-80.47	-97.21	
Jan 5 2022	-81.69937	35.94267	63.53	-7.4	436921.17	3977815.36	2047.4	49611.08	49695.18	-84.10	-96.30	
Jan 5 2022	-81.69936	35.94266	63.53	-7.4	436922.39	3977814.45	2048.8	49609.39	49695.16	-85.77	-95.68	
Jan 5 2022	-81.69934	35.94265	63.53	-7.4	436923.69	3977813.43	2050.4	49608.41	49695.15	-86.74	-95.30	
Jan 5 2022	-81.69933	35.94264	63.53	-7.4	436924.87	3977812.30	2051.9	49607.57	49695.16	-87.58	-95.14	
Jan 5 2022	-81.69932	35.94263	63.53	-7.4	436925.80	3977811.21	2053.4	49607.70	49695.15	-87.46	-95.16	
Jan 5 2022	-81.69931	35.94262	63.53	-7.4	436926.65	3977810.23	2054.6	49606.53	49695.15	-88.62	-95.31	
Jan 5 2022	-81.69930	35.94261	63.53	-7.4	436927.30	3977808.96	2056.1	49605.46	49695.15	-89.69	-95.56	
Jan 5 2022	-81.69930	35.94260	63.53	-7.4	436927.67	3977807.54	2057.5	49605.29	49695.15	-89.87	-95.87	
Jan 5 2022	-81.69929	35.94258	63.53	-7.4	436928.16	3977806.24	2058.8	49605.12	49695.15	-90.03	-96.20	
Jan 5 2022	-81.69929	35.94257	63.53	-7.4	436928.91	3977805.03	2060.3	49604.93	49695.14	-90.22	-96.48	
Jan 5 2022	-81.69928	35.94256	63.53	-7.4	436929.54	3977803.78	2061.7	49604.11	49695.13	-91.02	-96.53	
Jan 5 2022	-81.69927	35.94255	63.53	-7.4	436929.86	3977802.24	2063.2	49603.54	49695.12	-91.58	-96.38	
Jan 5 2022	-81.69927	35.94254	63.53	-7.4	436930.30	3977800.77	2064.6	49602.96	49695.10	-92.15	-96.17	
Jan 5 2022	-81.69926	35.94252	63.53	-7.4	436930.95	3977799.48	2066.1	49602.37	49695.10	-92.73	-95.76	
Jan 5 2022	-81.69926	35.94251	63.53	-7.4	436931.60	3977798.14	2067.6	49602.20	49695.10	-92.90	-94.93	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69925	35.94250	63.53	-7.4	436932.25	3977796.64	2069.2	49600.47	49695.09	-94.62	-93.69
Jan 5 2022	-81.69924	35.94249	63.53	-7.4	436932.93	3977795.19	2070.8	49600.09	49695.07	-94.97	-92.20
Jan 5 2022	-81.69923	35.94248	63.53	-7.4	436933.70	3977794.03	2072.2	49600.19	49695.05	-94.86	-90.59
Jan 5 2022	-81.69922	35.94247	63.53	-7.4	436934.70	3977792.95	2073.6	49602.10	49695.05	-92.95	-88.64
Jan 5 2022	-81.69921	35.94245	63.53	-7.4	436935.82	3977791.69	2075.3	49601.84	49695.05	-93.22	-86.30
Jan 5 2022	-81.69920	35.94244	63.53	-7.4	436936.89	3977790.36	2077.0	49600.97	49695.05	-94.08	-84.13
Jan 5 2022	-81.69918	35.94243	63.53	-7.4	436938.06	3977789.00	2078.7	49600.04	49695.04	-95.00	-82.60
Jan 5 2022	-81.69917	35.94242	63.53	-7.4	436939.24	3977787.95	2080.2	49598.46	49695.02	-96.56	-81.38
Jan 5 2022	-81.69916	35.94241	63.53	-7.4	436940.44	3977787.10	2081.6	49597.24	49695.01	-97.78	-80.00
Jan 5 2022	-81.69915	35.94240	63.53	-7.4	436941.43	3977786.10	2082.9	49595.82	49695.01	-99.19	-78.56
Jan 5 2022	-81.69914	35.94240	63.53	-7.4	436942.28	3977785.09	2084.2	49595.40	49695.01	-99.61	-78.73
Jan 5 2022	-81.69913	35.94239	63.53	-7.4	436943.09	3977784.13	2085.5	49595.63	49695.00	-99.37	-81.13
Jan 5 2022	-81.69912	35.94238	63.53	-7.4	436943.99	3977783.04	2086.8	49594.40	49694.98	-100.58	-83.57
Jan 5 2022	-81.69911	35.94237	63.53	-7.4	436944.96	3977781.76	2088.4	49594.59	49694.98	-100.38	-85.22
Jan 5 2022	-81.69910	35.94236	63.53	-7.4	436945.82	3977780.68	2089.8	49594.97	49694.97	-100.00	-86.34
Jan 5 2022	-81.69909	35.94235	63.53	-7.4	436946.60	3977779.57	2091.2	49595.35	49694.96	-99.61	-87.11
Jan 5 2022	-81.69908	35.94234	63.53	-7.4	436947.48	3977778.52	2092.5	49595.16	49694.96	-99.80	-87.76
Jan 5 2022	-81.69907	35.94233	63.53	-7.4	436948.60	3977777.62	2093.8	49595.89	49694.95	-99.07	-88.28
Jan 5 2022	-81.69905	35.94232	63.53	-7.4	436949.72	3977776.60	2095.3	49597.05	49694.96	-97.90	-88.74
Jan 5 2022	-81.69904	35.94231	63.53	-7.4	436950.87	3977775.50	2096.8	49598.88	49694.96	-96.07	-89.18
Jan 5 2022	-81.69903	35.94230	63.53	-7.4	436951.98	3977774.40	2098.3	49601.88	49694.95	-93.08	-89.51
Jan 5 2022	-81.69902	35.94229	63.53	-7.4	436952.86	3977773.37	2099.7	49605.13	49694.95	-89.82	-89.72
Jan 5 2022	-81.69901	35.94228	63.53	-7.4	436953.69	3977772.30	2101.0	49606.68	49694.95	-88.27	-89.88
Jan 5 2022	-81.69900	35.94227	63.53	-7.4	436954.21	3977771.27	2102.2	49606.50	49694.94	-88.45	-90.04
Jan 5 2022	-81.69900	35.94226	63.53	-7.4	436954.48	3977770.39	2103.1	49608.45	49694.94	-86.49	-90.16

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69899	35.94226	63.53	-7.4	436955.03	3977769.60	2104.0	49609.93	49694.94	-85.01	-90.23
Jan 5 2022	-81.69899	35.94225	63.53	-7.4	436955.71	3977768.61	2105.2	49609.29	49694.93	-85.64	-90.30
Jan 5 2022	-81.69898	35.94224	63.53	-7.4	436956.30	3977767.61	2106.4	49609.34	49694.93	-85.58	-90.38
Jan 5 2022	-81.69897	35.94223	63.53	-7.4	436957.15	3977766.73	2107.6	49609.18	49694.92	-85.74	-90.49
Jan 5 2022	-81.69896	35.94222	63.53	-7.4	436957.97	3977765.63	2108.9	49609.60	49694.91	-85.31	-90.67
Jan 5 2022	-81.69895	35.94221	63.53	-7.4	436958.66	3977764.58	2110.2	49610.61	49694.92	-84.30	-90.90
Jan 5 2022	-81.69894	35.94220	63.53	-7.4	436959.51	3977763.49	2111.5	49612.30	49694.91	-82.61	-91.13
Jan 5 2022	-81.69893	35.94219	63.53	-7.4	436960.29	3977762.33	2112.9	49614.03	49694.91	-80.89	-91.29
Jan 5 2022	-81.69892	35.94218	63.53	-7.4	436961.13	3977761.41	2114.2	49617.20	49694.91	-77.72	-91.31
Jan 5 2022	-81.69891	35.94218	63.53	-7.4	436962.22	3977760.73	2115.3	49621.86	49694.90	-73.04	-91.16
Jan 5 2022	-81.69890	35.94217	63.53	-7.4	436963.13	3977759.94	2116.4	49626.77	49694.90	-68.13	-90.84
Jan 5 2022	-81.69889	35.94216	63.53	-7.4	436963.81	3977758.92	2117.7	49631.22	49694.89	-63.66	-90.40
Jan 5 2022	-81.69889	35.94215	63.53	-7.4	436964.67	3977757.89	2119.0	49634.84	49694.87	-60.03	-89.86
Jan 5 2022	-81.69887	35.94214	63.53	-7.4	436965.80	3977756.93	2120.4	49637.32	49694.86	-57.53	-89.26
Jan 5 2022	-81.69886	35.94213	63.53	-7.4	436967.15	3977755.95	2121.9	49637.33	49694.84	-57.51	-88.66
Jan 5 2022	-81.69884	35.94213	63.53	-7.4	436968.35	3977754.96	2123.4	49635.47	49694.84	-59.37	-88.08
Jan 5 2022	-81.69883	35.94212	63.53	-7.4	436969.27	3977753.95	2124.7	49631.83	49694.84	-63.02	-87.55
Jan 5 2022	-81.69882	35.94211	63.53	-7.4	436970.30	3977752.76	2126.3	49626.99	49694.83	-67.84	-87.11
Jan 5 2022	-81.69881	35.94210	63.53	-7.4	436971.42	3977751.60	2127.8	49619.95	49694.82	-74.87	-86.80
Jan 5 2022	-81.69880	35.94209	63.53	-7.4	436972.44	3977750.69	2129.1	49607.14	49694.82	-87.68	-86.75
Jan 5 2022	-81.69879	35.94208	63.53	-7.4	436973.52	3977749.67	2130.5	49582.38	49694.81	-112.43	-87.18
Jan 5 2022	-81.69877	35.94207	63.53	-7.4	436974.60	3977748.64	2132.0	49539.28	49694.81	-155.53	-88.46
Jan 5 2022	-81.69876	35.94206	63.53	-7.4	436975.68	3977747.86	2133.2	49476.43	49694.80	-218.37	-90.98
Jan 5 2022	-81.69875	35.94206	63.53	-7.4	436976.81	3977747.19	2134.3	49577.44	49694.80	-117.35	-91.48
Jan 5 2022	-81.69874	35.94205	63.53	-7.4	436977.91	3977746.32	2135.7	50304.04	49694.79	609.25	-77.43

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69873	35.94204	63.53	-7.4	436978.77	3977745.28	2137.0	50226.48	49694.79	531.69	-64.91
Jan 5 2022	-81.69872	35.94203	63.53	-7.4	436979.40	3977744.15	2138.3	49829.49	49694.78	134.72	-60.31
Jan 5 2022	-81.69871	35.94202	63.53	-7.4	436980.29	3977743.04	2139.7	49697.40	49694.76	2.64	-58.36
Jan 5 2022	-81.69870	35.94201	63.53	-7.4	436981.24	3977742.29	2140.8	49657.93	49694.75	-36.82	-57.24
Jan 5 2022	-81.69870	35.94201	63.53	-7.4	436981.17	3977742.07	2141.0	49644.95	49694.74	-49.79	-54.54
Jan 5 2022	-81.69870	35.94201	63.53	-7.4	436981.17	3977742.07	2141.0	49645.62	49694.74	-49.12	-55.45
Jan 5 2022	-81.69870	35.94201	63.53	-7.4	436981.40	3977742.03	2141.1	49646.18	49694.75	-48.56	-56.35
Jan 5 2022	-81.69870	35.94201	63.53	-7.4	436981.64	3977741.62	2141.6	49640.88	49694.74	-53.86	-53.69
Jan 5 2022	-81.69868	35.94200	63.53	-7.4	436982.63	3977740.66	2142.9	49639.92	49694.73	-54.81	-52.83
Jan 5 2022	-81.69868	35.94199	63.53	-7.4	436983.39	3977739.87	2144.0	49640.22	49694.72	-54.50	-51.94
Jan 5 2022	-81.69867	35.94199	63.53	-7.4	436983.61	3977739.59	2144.3	49640.07	49694.72	-54.65	-51.04
Jan 5 2022	-81.69867	35.94197	63.53	-7.4	436983.62	3977737.19	2146.4	49637.58	49694.64	-57.06	-47.56
Jan 5 2022	-81.69867	35.94197	63.53	-7.4	436983.62	3977737.19	2146.4	49637.87	49694.64	-56.76	-48.42
Jan 5 2022	-81.69867	35.94197	63.53	-7.4	436983.62	3977737.19	2146.4	49638.49	49694.64	-56.15	-49.29
Jan 5 2022	-81.69867	35.94197	63.53	-7.4	436983.62	3977737.19	2146.4	49638.22	49694.64	-56.42	-50.18
Jan 5 2022	-81.69867	35.94196	63.53	-7.4	436984.35	3977736.50	2147.4	49637.42	49694.64	-57.21	-46.71
Jan 5 2022	-81.69865	35.94195	63.53	-7.4	436985.84	3977735.28	2149.2	49637.13	49694.63	-57.51	-45.86
Jan 5 2022	-81.69863	35.94194	63.53	-7.4	436987.39	3977734.33	2150.8	49637.47	49694.64	-57.17	-45.03
Jan 5 2022	-81.69861	35.94193	63.53	-7.4	436989.00	3977733.42	2152.4	49638.89	49694.64	-55.75	-44.18
Jan 5 2022	-81.69860	35.94192	63.53	-7.4	436990.65	3977732.41	2154.1	49642.02	49694.64	-52.62	-43.31
Jan 5 2022	-81.69858	35.94191	63.53	-7.4	436992.14	3977731.37	2155.8	49642.84	49694.63	-51.79	-42.49
Jan 5 2022	-81.69856	35.94191	63.53	-7.4	436993.52	3977730.39	2157.3	49644.34	49694.63	-50.28	-41.70
Jan 5 2022	-81.69855	35.94190	63.53	-7.4	436994.92	3977729.53	2158.7	49647.87	49694.62	-46.75	-40.87
Jan 5 2022	-81.69853	35.94189	63.53	-7.4	436996.20	3977728.68	2160.1	49649.26	49694.62	-45.36	-40.01
Jan 5 2022	-81.69852	35.94188	63.53	-7.4	436997.60	3977727.81	2161.6	49648.74	49694.63	-45.88	-39.19

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69850	35.94187	63.53	-7.4	436999.09	3977726.88	2163.2	49647.42	49694.63	-47.20	-38.44
Jan 5 2022	-81.69849	35.94187	63.53	-7.4	437000.38	3977725.88	2164.7	49645.49	49694.62	-49.14	-37.71
Jan 5 2022	-81.69847	35.94186	63.53	-7.4	437001.66	3977724.94	2166.1	49645.89	49694.61	-48.72	-36.97
Jan 5 2022	-81.69846	35.94185	63.53	-7.4	437003.01	3977724.10	2167.5	49654.41	49694.60	-40.19	-36.06
Jan 5 2022	-81.69844	35.94184	63.53	-7.4	437004.40	3977723.20	2169.0	49635.23	49694.60	-59.37	-35.54
Jan 5 2022	-81.69843	35.94183	63.53	-7.4	437005.54	3977722.22	2170.5	49638.02	49694.60	-56.58	-34.99
Jan 5 2022	-81.69842	35.94182	63.53	-7.4	437006.36	3977721.16	2171.8	49641.91	49694.59	-52.68	-34.39
Jan 5 2022	-81.69841	35.94181	63.53	-7.4	437007.38	3977720.21	2173.1	49643.74	49694.59	-50.85	-33.79
Jan 5 2022	-81.69839	35.94181	63.53	-7.4	437008.64	3977719.40	2174.5	49640.82	49694.58	-53.77	-33.31
Jan 5 2022	-81.69838	35.94180	63.53	-7.4	437009.79	3977718.52	2175.8	49639.91	49694.57	-54.66	-32.94
Jan 5 2022	-81.69837	35.94179	63.53	-7.4	437011.10	3977717.58	2177.3	49636.01	49694.57	-58.56	-32.75
Jan 5 2022	-81.69835	35.94178	63.53	-7.4	437012.72	3977716.85	2178.7	49632.80	49694.57	-61.78	-32.71
Jan 5 2022	-81.69833	35.94178	63.53	-7.4	437014.36	3977716.38	2180.0	49632.10	49694.57	-62.47	-32.76
Jan 5 2022	-81.69831	35.94177	63.53	-7.4	437016.01	3977715.72	2181.4	49628.90	49694.56	-65.66	-32.92
Jan 5 2022	-81.69829	35.94177	63.53	-7.4	437017.70	3977714.88	2183.0	49625.85	49694.55	-68.70	-33.15
Jan 5 2022	-81.69828	35.94176	63.53	-7.4	437019.25	3977713.97	2184.6	49624.45	49694.54	-70.10	-33.36
Jan 5 2022	-81.69826	35.94175	63.53	-7.4	437020.59	3977713.00	2186.1	49623.01	49694.54	-71.54	-33.53
Jan 5 2022	-81.69825	35.94174	63.53	-7.4	437021.88	3977712.16	2187.5	49621.44	49694.54	-73.09	-33.64
Jan 5 2022	-81.69823	35.94174	63.53	-7.4	437023.25	3977711.40	2188.8	49619.30	49694.53	-75.23	-33.64
Jan 5 2022	-81.69822	35.94173	63.53	-7.41	437024.58	3977710.68	2190.1	49617.31	49694.52	-77.21	-33.43
Jan 5 2022	-81.69820	35.94172	63.53	-7.41	437025.79	3977709.94	2191.4	49614.71	49694.51	-79.80	-32.78
Jan 5 2022	-81.69819	35.94172	63.53	-7.41	437027.06	3977709.19	2192.7	49611.81	49694.50	-82.69	-31.32
Jan 5 2022	-81.69817	35.94171	63.53	-7.41	437028.45	3977708.40	2194.1	49609.92	49694.49	-84.58	-28.65
Jan 5 2022	-81.69816	35.94170	63.53	-7.41	437029.90	3977707.72	2195.4	49608.05	49694.49	-86.44	-28.03
Jan 5 2022	-81.69814	35.94170	63.53	-7.41	437031.52	3977707.09	2196.8	49606.33	49694.49	-88.16	-41.98

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69812	35.94169	63.53	-7.41	437033.02	3977706.35	2198.2	49603.76	49694.49	-90.73	-54.43
Jan 5 2022	-81.69811	35.94169	63.53	-7.41	437034.21	3977705.75	2199.3	49603.00	49694.49	-91.48	-58.95
Jan 5 2022	-81.69810	35.94168	63.53	-7.41	437035.38	3977705.14	2200.4	49602.65	49694.48	-91.83	-60.84
Jan 5 2022	-81.69808	35.94167	63.53	-7.41	437036.79	3977704.51	2201.7	49602.90	49694.47	-91.58	-61.94
Jan 5 2022	-81.69806	35.94167	63.53	-7.41	437038.40	3977703.86	2203.1	49602.67	49694.47	-91.79	-62.80
Jan 5 2022	-81.69805	35.94166	63.53	-7.41	437039.92	3977703.34	2204.3	49601.85	49694.46	-92.61	-63.67
Jan 5 2022	-81.69803	35.94166	63.53	-7.41	437041.59	3977702.84	2205.6	49600.99	49694.46	-93.47	-64.54
Jan 5 2022	-81.69801	35.94165	63.53	-7.41	437043.27	3977702.14	2207.1	49600.12	49694.46	-94.34	-65.35
Jan 5 2022	-81.69799	35.94165	63.53	-7.41	437044.95	3977701.53	2208.5	49599.51	49694.46	-94.95	-66.16
Jan 5 2022	-81.69797	35.94164	63.53	-7.41	437046.74	3977701.08	2209.8	49600.18	49694.45	-94.27	-66.95
Jan 5 2022	-81.69796	35.94164	63.53	-7.41	437047.93	3977700.71	2210.7	49601.63	49694.44	-92.81	-67.71
Jan 5 2022	-81.69795	35.94164	63.53	-7.41	437048.58	3977700.39	2211.3	49606.76	49694.44	-87.68	-68.34
Jan 5 2022	-81.69793	35.94163	63.53	-7.41	437050.77	3977699.60	2213.2	49613.35	49694.43	-81.08	-68.84
Jan 5 2022	-81.69792	35.94163	63.53	-7.41	437051.62	3977699.27	2213.9	49619.78	49694.43	-74.65	-69.20
Jan 5 2022	-81.69790	35.94162	63.53	-7.41	437052.80	3977698.86	2214.8	49625.87	49694.43	-68.56	-69.43
Jan 5 2022	-81.69788	35.94162	63.53	-7.41	437055.22	3977697.80	2217.0	49629.91	49694.42	-64.51	-69.57
Jan 5 2022	-81.69786	35.94161	63.53	-7.41	437056.86	3977697.07	2218.5	49629.53	49694.42	-64.89	-69.72
Jan 5 2022	-81.69784	35.94160	63.53	-7.41	437058.47	3977696.37	2219.9	49628.85	49694.43	-65.57	-69.89
Jan 5 2022	-81.69782	35.94160	63.53	-7.41	437060.01	3977695.87	2221.2	49625.11	49694.43	-69.32	-70.16
Jan 5 2022	-81.69781	35.94159	63.53	-7.41	437061.54	3977695.45	2222.3	49622.26	49694.42	-72.16	-70.55
Jan 5 2022	-81.69779	35.94159	63.53	-7.41	437063.10	3977695.01	2223.5	49619.33	49694.41	-75.08	-71.02
Jan 5 2022	-81.69777	35.94159	63.53	-7.41	437064.71	3977694.62	2224.7	49616.53	49694.41	-77.87	-71.57
Jan 5 2022	-81.69776	35.94159	63.53	-7.41	437065.93	3977694.41	2225.5	49614.86	49694.40	-79.54	-72.22
Jan 5 2022	-81.69775	35.94158	63.53	-7.41	437066.76	3977694.29	2226.0	49612.63	49694.40	-81.77	-72.95
Jan 5 2022	-81.69772	35.94158	63.53	-7.41	437069.43	3977693.81	2227.9	49611.22	49694.39	-83.17	-73.70

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69770	35.94158	63.53	-7.41	437071.04	3977693.41	2229.0	49612.90	49694.39	-81.50	-74.38
Jan 5 2022	-81.69768	35.94157	63.53	-7.41	437072.52	3977692.98	2230.2	49618.40	49694.39	-75.99	-74.92
Jan 5 2022	-81.69767	35.94157	63.53	-7.41	437073.52	3977692.64	2231.0	49629.05	49694.39	-65.34	-75.25
Jan 5 2022	-81.69767	35.94157	63.53	-7.41	437074.25	3977692.43	2231.6	49644.87	49694.39	-49.51	-75.44
Jan 5 2022	-81.69763	35.94156	63.53	-7.41	437077.15	3977691.49	2233.9	49662.51	49694.38	-31.88	-74.89
Jan 5 2022	-81.69762	35.94155	63.53	-7.41	437078.54	3977690.90	2235.1	49680.57	49694.38	-13.81	-74.03
Jan 5 2022	-81.69760	35.94155	63.53	-7.41	437079.75	3977690.34	2236.2	49696.26	49694.37	1.89	-72.94
Jan 5 2022	-81.69759	35.94154	63.53	-7.41	437080.94	3977689.75	2237.4	49708.72	49694.37	14.35	-71.64
Jan 5 2022	-81.69758	35.94154	63.53	-7.41	437082.20	3977689.23	2238.5	49717.42	49694.37	23.06	-70.10
Jan 5 2022	-81.69756	35.94154	63.53	-7.41	437083.50	3977688.81	2239.5	49723.83	49694.37	29.46	-68.42
Jan 5 2022	-81.69755	35.94153	63.53	-7.41	437085.01	3977688.56	2240.5	49727.11	49694.36	32.75	-66.59
Jan 5 2022	-81.69753	35.94153	63.53	-7.41	437086.50	3977688.22	2241.6	49727.85	49694.35	33.50	-64.69
Jan 5 2022	-81.69751	35.94153	63.53	-7.41	437087.96	3977687.94	2242.6	49727.19	49694.34	32.85	-62.78
Jan 5 2022	-81.69750	35.94153	63.53	-7.41	437089.38	3977687.73	2243.6	49725.80	49694.33	31.47	-60.84
Jan 5 2022	-81.69748	35.94152	63.53	-7.41	437090.69	3977687.18	2244.7	49723.29	49694.32	28.97	-58.89
Jan 5 2022	-81.69747	35.94152	63.53	-7.41	437092.04	3977686.53	2246.0	49719.78	49694.31	25.47	-56.98
Jan 5 2022	-81.69745	35.94151	63.53	-7.41	437093.28	3977686.00	2247.1	49716.96	49694.31	22.65	-55.09
Jan 5 2022	-81.69744	35.94151	63.53	-7.41	437094.42	3977685.40	2248.2	49714.67	49694.30	20.37	-53.22
Jan 5 2022	-81.69743	35.94150	63.53	-7.41	437095.72	3977684.70	2249.5	49710.99	49694.30	16.69	-51.38
Jan 5 2022	-81.69741	35.94149	63.53	-7.41	437097.18	3977684.09	2250.8	49707.89	49694.30	13.59	-49.57
Jan 5 2022	-81.69739	35.94149	63.53	-7.41	437098.74	3977683.49	2252.1	49704.86	49694.30	10.57	-47.76
Jan 5 2022	-81.69738	35.94148	63.53	-7.41	437100.27	3977682.93	2253.4	49701.34	49694.29	7.05	-45.97
Jan 5 2022	-81.69736	35.94148	63.53	-7.41	437101.69	3977682.33	2254.7	49697.72	49694.28	3.44	-44.21
Jan 5 2022	-81.69734	35.94147	63.53	-7.41	437103.11	3977681.73	2255.9	49694.37	49694.28	0.09	-42.47
Jan 5 2022	-81.69733	35.94147	63.53	-7.41	437104.52	3977681.26	2257.1	49690.80	49694.27	-3.47	-40.78

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69731	35.94147	63.53	-7.41	437105.98	3977680.75	2258.3	49687.13	49694.27	-7.14	-39.11
Jan 5 2022	-81.69730	35.94146	63.53	-7.41	437107.56	3977680.18	2259.6	49682.54	49694.27	-11.73	-37.51
Jan 5 2022	-81.69728	35.94146	63.53	-7.41	437109.13	3977679.64	2260.9	49677.66	49694.26	-16.61	-36.01
Jan 5 2022	-81.69726	35.94145	63.53	-7.41	437110.66	3977679.08	2262.2	49671.84	49694.26	-22.42	-34.63
Jan 5 2022	-81.69724	35.94145	63.53	-7.41	437112.19	3977678.55	2263.5	49666.17	49694.26	-28.09	-33.35
Jan 5 2022	-81.69722	35.94144	63.53	-7.41	437113.91	3977678.00	2264.9	49660.18	49694.26	-34.08	-32.18
Jan 5 2022	-81.69721	35.94144	63.53	-7.41	437115.65	3977677.37	2266.4	49654.69	49694.25	-39.56	-31.10
Jan 5 2022	-81.69719	35.94143	63.53	-7.41	437117.15	3977676.73	2267.7	49647.45	49694.25	-46.80	-30.15
Jan 5 2022	-81.69717	35.94142	63.53	-7.41	437118.56	3977676.14	2268.9	49641.74	49694.25	-52.51	-29.30
Jan 5 2022	-81.69716	35.94142	63.53	-7.41	437119.99	3977675.61	2270.2	49634.58	49694.24	-59.66	-28.61
Jan 5 2022	-81.69714	35.94141	63.53	-7.41	437121.27	3977674.96	2271.4	49626.52	49694.24	-67.72	-28.11
Jan 5 2022	-81.69713	35.94141	63.53	-7.41	437122.52	3977674.33	2272.6	49620.56	49694.23	-73.68	-27.83
Jan 5 2022	-81.69711	35.94140	63.53	-7.41	437123.92	3977673.79	2273.8	49617.54	49694.23	-76.68	-27.74
Jan 5 2022	-81.69710	35.94140	63.53	-7.41	437125.37	3977673.07	2275.2	49618.43	49694.22	-75.79	-27.76
Jan 5 2022	-81.69708	35.94139	63.53	-7.41	437126.86	3977672.31	2276.7	49621.41	49694.23	-72.82	-27.85
Jan 5 2022	-81.69706	35.94139	63.53	-7.41	437128.34	3977671.72	2277.9	49631.04	49694.23	-63.19	-27.82
Jan 5 2022	-81.69705	35.94138	63.53	-7.41	437129.95	3977671.21	2279.2	49641.79	49694.23	-52.44	-27.57
Jan 5 2022	-81.69703	35.94138	63.53	-7.41	437131.48	3977670.74	2280.5	49651.16	49694.22	-43.07	-27.12
Jan 5 2022	-81.69702	35.94137	63.53	-7.41	437132.70	3977670.44	2281.4	49657.24	49694.21	-36.98	-26.48
Jan 5 2022	-81.69700	35.94137	63.53	-7.41	437134.06	3977670.17	2282.3	49660.52	49694.21	-33.69	-25.71
Jan 5 2022	-81.69698	35.94137	63.53	-7.41	437135.61	3977669.69	2283.6	49662.12	49694.21	-32.08	-24.85
Jan 5 2022	-81.69697	35.94136	63.53	-7.41	437137.03	3977669.02	2284.9	49662.58	49694.21	-31.63	-23.92
Jan 5 2022	-81.69695	35.94136	63.53	-7.41	437138.44	3977668.40	2286.2	49662.41	49694.21	-31.80	-22.97
Jan 5 2022	-81.69694	35.94135	63.53	-7.41	437139.87	3977667.99	2287.3	49659.09	49694.21	-35.12	-22.04
Jan 5 2022	-81.69692	35.94135	63.53	-7.41	437141.47	3977667.72	2288.4	49652.57	49694.21	-41.64	-21.20

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69690	35.94135	63.53	-7.41	437143.07	3977667.25	2289.7	49642.84	49694.21	-51.37	-20.60
Jan 5 2022	-81.69688	35.94134	63.53	-7.41	437144.48	3977666.45	2291.1	49627.72	49694.20	-66.48	-20.41
Jan 5 2022	-81.69687	35.94133	63.53	-7.41	437145.89	3977665.52	2292.7	49606.05	49694.19	-88.14	-20.87
Jan 5 2022	-81.69685	35.94132	63.53	-7.41	437147.31	3977664.48	2294.3	49570.39	49694.18	-123.79	-22.35
Jan 5 2022	-81.69684	35.94131	63.53	-7.41	437148.90	3977663.56	2296.0	49503.52	49694.17	-190.65	-25.53
Jan 5 2022	-81.69682	35.94131	63.53	-7.41	437150.55	3977662.81	2297.5	49433.94	49694.17	-260.23	-30.46
Jan 5 2022	-81.69680	35.94130	63.53	-7.41	437152.16	3977662.09	2299.0	49682.48	49694.16	-11.68	-30.73
Jan 5 2022	-81.69678	35.94129	63.53	-7.41	437153.58	3977661.37	2300.3	49712.28	49694.15	18.13	-30.65
Jan 5 2022	-81.69677	35.94129	63.53	-7.41	437154.68	3977660.82	2301.4	49539.27	49694.15	-154.88	-34.21
Jan 5 2022	-81.69676	35.94128	63.53	-7.41	437155.87	3977660.24	2302.5	49536.32	49694.14	-157.83	-37.96
Jan 5 2022	-81.69674	35.94128	63.53	-7.41	437157.40	3977659.50	2304.0	49556.13	49694.14	-138.02	-41.37
Jan 5 2022	-81.69672	35.94127	63.53	-7.41	437158.91	3977658.68	2305.5	49569.11	49694.14	-125.03	-44.54
Jan 5 2022	-81.69671	35.94126	63.53	-7.41	437160.18	3977657.88	2306.9	49575.38	49694.13	-118.76	-47.57
Jan 5 2022	-81.69669	35.94126	63.53	-7.41	437161.60	3977657.52	2308.0	49578.14	49694.12	-115.98	-50.52
Jan 5 2022	-81.69668	35.94126	63.53	-7.41	437163.03	3977657.25	2309.0	49579.07	49694.11	-115.04	-53.40
Jan 5 2022	-81.69666	35.94125	63.53	-7.41	437164.55	3977656.87	2310.1	49577.71	49694.10	-116.39	-56.24
Jan 5 2022	-81.69664	35.94125	63.53	-7.41	437166.38	3977656.57	2311.4	49576.54	49694.09	-117.55	-59.05
Jan 5 2022	-81.69662	35.94125	63.53	-7.41	437168.13	3977656.14	2312.7	49577.31	49694.08	-116.77	-61.79
Jan 5 2022	-81.69661	35.94124	63.53	-7.41	437169.58	3977655.42	2314.1	49578.96	49694.07	-115.11	-64.42
Jan 5 2022	-81.69659	35.94123	63.53	-7.41	437170.75	3977654.56	2315.4	49578.85	49694.06	-115.22	-67.00
Jan 5 2022	-81.69658	35.94123	63.53	-7.41	437172.15	3977653.89	2316.8	49580.66	49694.05	-113.39	-69.48
Jan 5 2022	-81.69656	35.94122	63.53	-7.41	437173.71	3977653.36	2318.1	49579.43	49694.06	-114.63	-71.91
Jan 5 2022	-81.69654	35.94122	63.53	-7.41	437175.14	3977652.96	2319.2	49577.59	49694.05	-116.46	-74.31
Jan 5 2022	-81.69653	35.94122	63.53	-7.41	437176.31	3977652.64	2320.1	49574.50	49694.05	-119.56	-76.70
Jan 5 2022	-81.69652	35.94121	63.53	-7.41	437177.15	3977652.34	2320.8	49570.84	49694.06	-123.21	-79.10

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69649	35.94121	63.53	-7.41	437179.60	3977651.88	2322.6	49567.78	49694.06	-126.28	-81.48
Jan 5 2022	-81.69648	35.94121	63.53	-7.41	437181.04	3977651.75	2323.5	49567.76	49694.07	-126.31	-83.77
Jan 5 2022	-81.69647	35.94120	63.53	-7.41	437182.15	3977651.26	2324.5	49566.33	49694.07	-127.74	-86.00
Jan 5 2022	-81.69646	35.94120	63.53	-7.41	437183.10	3977650.93	2325.3	49565.48	49694.06	-128.57	-88.12
Jan 5 2022	-81.69644	35.94120	63.53	-7.41	437184.60	3977650.80	2326.2	49564.77	49694.05	-129.28	-90.14
Jan 5 2022	-81.69642	35.94120	63.53	-7.41	437186.16	3977650.69	2327.2	49564.64	49694.05	-129.41	-92.05
Jan 5 2022	-81.69640	35.94120	63.53	-7.41	437188.01	3977650.77	2328.1	49563.71	49694.05	-130.34	-93.86
Jan 5 2022	-81.69638	35.94120	63.53	-7.41	437189.90	3977650.96	2329.0	49559.86	49694.06	-134.20	-95.61
Jan 5 2022	-81.69636	35.94120	63.53	-7.41	437191.57	3977651.07	2329.9	49546.46	49694.06	-147.60	-97.51
Jan 5 2022	-81.69634	35.94120	63.53	-7.41	437193.33	3977650.87	2331.0	49523.49	49694.06	-170.57	-99.73
Jan 5 2022	-81.69632	35.94120	63.53	-7.41	437194.93	3977650.56	2332.2	49474.83	49694.06	-219.22	-102.76
Jan 5 2022	-81.69631	35.94119	63.53	-7.41	437196.53	3977650.10	2333.4	49413.90	49694.05	-280.16	-106.89
Jan 5 2022	-81.69629	35.94119	63.53	-7.41	437198.06	3977649.69	2334.6	49370.83	49694.05	-323.22	-111.82
Jan 5 2022	-81.69627	35.94119	63.53	-7.41	437199.48	3977649.60	2335.5	49380.70	49694.05	-313.36	-116.57
Jan 5 2022	-81.69626	35.94119	63.53	-7.41	437200.91	3977649.41	2336.4	49429.08	49694.06	-264.98	-120.42
Jan 5 2022	-81.69624	35.94119	63.53	-7.41	437202.26	3977649.05	2337.5	49472.07	49694.06	-221.99	-123.59
Jan 5 2022	-81.69623	35.94118	63.53	-7.41	437203.55	3977648.93	2338.3	49512.33	49694.06	-181.73	-126.18
Jan 5 2022	-81.69621	35.94119	63.53	-7.41	437205.13	3977648.99	2339.1	49536.16	49694.07	-157.91	-128.48
Jan 5 2022	-81.69619	35.94118	63.53	-7.41	437206.79	3977648.85	2340.2	49545.26	49694.07	-148.81	-130.71
Jan 5 2022	-81.69617	35.94118	63.53	-7.41	437208.38	3977648.55	2341.3	49551.71	49694.06	-142.35	-132.89
Jan 5 2022	-81.69616	35.94118	63.53	-7.41	437210.03	3977648.38	2342.4	49554.13	49694.05	-139.92	-135.04
Jan 5 2022	-81.69614	35.94118	63.53	-7.41	437211.69	3977648.27	2343.4	49556.57	49694.04	-137.47	-137.16
Jan 5 2022	-81.69612	35.94118	63.53	-7.41	437213.32	3977648.05	2344.5	49557.16	49694.04	-136.88	-139.26
Jan 5 2022	-81.69611	35.94117	63.53	-7.41	437214.63	3977647.68	2345.6	49558.55	49694.04	-135.49	-141.27
Jan 5 2022	-81.69609	35.94117	63.53	-7.41	437216.20	3977647.39	2346.7	49562.87	49694.03	-131.17	-143.06

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69607	35.94117	63.53	-7.41	437217.95	3977647.26	2347.8	49574.34	49694.03	-119.70	-144.43
Jan 5 2022	-81.69605	35.94117	63.53	-7.41	437219.44	3977647.04	2348.8	49627.84	49694.03	-66.20	-144.42
Jan 5 2022	-81.69604	35.94117	63.53	-7.41	437220.88	3977646.84	2349.8	49590.85	49694.04	-103.18	-144.72
Jan 5 2022	-81.69602	35.94117	63.53	-7.41	437222.29	3977646.76	2350.6	49473.62	49694.04	-220.42	-146.65
Jan 5 2022	-81.69600	35.94117	63.53	-7.41	437223.72	3977646.66	2351.5	49523.81	49694.05	-170.24	-146.25
Jan 5 2022	-81.69599	35.94116	63.53	-7.41	437225.40	3977646.54	2352.6	49545.10	49694.05	-148.95	-144.02
Jan 5 2022	-81.69597	35.94116	63.53	-7.41	437227.05	3977646.36	2353.6	49551.71	49694.05	-142.34	-146.63
Jan 5 2022	-81.69595	35.94116	63.53	-7.41	437228.39	3977645.77	2354.9	49555.16	49694.05	-138.90	-149.77
Jan 5 2022	-81.69594	35.94115	63.53	-7.41	437229.75	3977645.19	2356.1	49553.74	49694.04	-140.31	-149.48
Jan 5 2022	-81.69592	35.94115	63.53	-7.41	437231.11	3977645.18	2356.9	49552.98	49694.04	-141.06	-149.15
Jan 5 2022	-81.69591	35.94115	63.53	-7.41	437232.56	3977645.18	2357.7	49553.89	49694.04	-140.15	-149.19
Jan 5 2022	-81.69589	35.94115	63.53	-7.41	437234.32	3977644.97	2358.9	49554.69	49694.04	-139.35	-149.48
Jan 5 2022	-81.69587	35.94115	63.53	-7.41	437235.90	3977644.69	2360.0	49554.62	49694.03	-139.41	-149.89
Jan 5 2022	-81.69585	35.94114	63.53	-7.41	437237.44	3977644.26	2361.2	49555.22	49694.03	-138.81	-150.35
Jan 5 2022	-81.69583	35.94114	63.53	-7.41	437239.03	3977643.78	2362.5	49555.74	49694.03	-138.29	-150.81
Jan 5 2022	-81.69582	35.94114	63.53	-7.41	437240.47	3977643.32	2363.7	49555.31	49694.04	-138.72	-151.26
Jan 5 2022	-81.69580	35.94113	63.53	-7.41	437241.91	3977642.97	2364.8	49554.76	49694.03	-139.27	-151.69
Jan 5 2022	-81.69579	35.94113	63.53	-7.41	437242.96	3977642.70	2365.7	49555.04	49694.02	-138.99	-152.14
Jan 5 2022	-81.69578	35.94113	63.53	-7.41	437243.61	3977642.42	2366.3	49554.78	49694.02	-139.24	-152.62
Jan 5 2022	-81.69577	35.94113	63.53	-7.41	437244.62	3977642.08	2367.1	49553.78	49694.02	-140.24	-153.12
Jan 5 2022	-81.69574	35.94112	63.53	-7.41	437247.55	3977641.17	2369.5	49551.09	49694.02	-142.93	-153.71
Jan 5 2022	-81.69573	35.94112	63.53	-7.41	437248.37	3977641.00	2370.1	49548.15	49694.02	-145.87	-154.33
Jan 5 2022	-81.69572	35.94111	63.53	-7.41	437249.47	3977640.73	2371.0	49544.89	49694.01	-149.13	-154.99
Jan 5 2022	-81.69569	35.94111	63.53	-7.41	437252.05	3977639.87	2373.2	49542.60	49694.02	-151.42	-155.63
Jan 5 2022	-81.69568	35.94110	63.53	-7.41	437252.93	3977639.61	2373.9	49543.56	49694.02	-150.46	-156.17

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69567	35.94110	63.53	-7.41	437254.12	3977639.11	2375.0	49540.48	49694.01	-153.53	-156.72
Jan 5 2022	-81.69564	35.94109	63.53	-7.41	437256.98	3977637.63	2377.8	49534.49	49693.99	-159.50	-157.38
Jan 5 2022	-81.69563	35.94108	63.53	-7.41	437257.67	3977637.06	2378.7	49526.18	49693.99	-167.80	-158.18
Jan 5 2022	-81.69562	35.94107	63.53	-7.41	437258.70	3977636.32	2379.9	49508.35	49693.98	-185.63	-159.32
Jan 5 2022	-81.69558	35.94106	63.53	-7.41	437261.53	3977634.89	2382.7	49477.56	49693.99	-216.43	-161.06
Jan 5 2022	-81.69557	35.94106	63.53	-7.41	437262.67	3977634.23	2383.9	49465.06	49693.98	-228.92	-163.06
Jan 5 2022	-81.69556	35.94105	63.53	-7.41	437263.62	3977633.46	2385.0	49477.21	49693.97	-216.76	-164.78
Jan 5 2022	-81.69555	35.94104	63.53	-7.41	437264.47	3977632.65	2386.2	49463.48	49693.97	-230.49	-166.71
Jan 5 2022	-81.69554	35.94104	63.53	-7.41	437265.09	3977632.05	2387.0	49468.62	49693.96	-225.34	-168.26
Jan 5 2022	-81.69551	35.94102	63.53	-7.41	437267.86	3977630.06	2390.3	49485.15	49693.94	-208.79	-169.03
Jan 5 2022	-81.69550	35.94101	63.53	-7.41	437269.35	3977628.90	2392.1	49491.08	49693.93	-202.85	-168.70
Jan 5 2022	-81.69549	35.94100	63.53	-7.41	437270.22	3977627.88	2393.4	49481.68	49693.92	-212.24	-167.34
Jan 5 2022	-81.69548	35.94099	63.53	-7.41	437270.47	3977627.20	2394.1	49437.51	49693.91	-256.40	-166.01
Jan 5 2022	-81.69548	35.94099	63.53	-7.41	437271.14	3977626.34	2395.2	49328.97	49693.90	-364.94	-167.04
Jan 5 2022	-81.69547	35.94098	63.53	-7.41	437272.22	3977625.27	2396.7	49256.98	49693.90	-436.92	-170.48
Jan 5 2022	-81.69545	35.94097	63.53	-7.41	437273.63	3977624.22	2398.4	49837.19	49693.89	143.30	-163.17
Jan 5 2022	-81.69543	35.94096	63.53	-7.41	437275.06	3977623.25	2400.0	49742.41	49693.88	48.53	-158.57
Jan 5 2022	-81.69542	35.94095	63.53	-7.41	437276.04	3977622.15	2401.4	49532.77	49693.87	-161.10	-158.63
Jan 5 2022	-81.69541	35.94094	63.53	-7.41	437276.80	3977620.86	2402.9	49515.27	49693.85	-178.58	-159.22
Jan 5 2022	-81.69540	35.94092	63.53	-7.41	437277.69	3977619.61	2404.5	49517.96	49693.84	-175.88	-159.90
Jan 5 2022	-81.69539	35.94091	63.53	-7.41	437278.84	3977618.46	2406.1	49517.83	49693.84	-176.01	-160.62
Jan 5 2022	-81.69538	35.94090	63.53	-7.41	437279.87	3977617.24	2407.7	49519.21	49693.84	-174.62	-161.36
Jan 5 2022	-81.69537	35.94089	63.53	-7.41	437280.64	3977615.83	2409.2	49522.50	49693.83	-171.33	-162.05
Jan 5 2022	-81.69536	35.94088	63.53	-7.41	437281.43	3977614.37	2410.9	49524.41	49693.82	-169.42	-162.73
Jan 5 2022	-81.69535	35.94087	63.53	-7.41	437282.25	3977613.00	2412.5	49525.90	49693.82	-167.92	-163.46

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69534	35.94085	63.53	-7.41	437283.06	3977611.74	2414.0	49526.86	49693.80	-166.94	-164.41
Jan 5 2022	-81.69533	35.94084	63.53	-7.41	437283.94	3977610.57	2415.4	49525.92	49693.79	-167.87	-166.44
Jan 5 2022	-81.69532	35.94083	63.53	-7.41	437284.80	3977609.37	2416.9	49522.75	49693.79	-171.04	-167.80
Jan 5 2022	-81.69532	35.94082	63.53	-7.41	437285.62	3977608.09	2418.4	49518.96	49693.78	-174.82	-166.89
Jan 5 2022	-81.69531	35.94081	63.53	-7.41	437286.52	3977606.88	2419.9	49515.87	49693.77	-177.90	-167.04
Jan 5 2022	-81.69529	35.94080	63.53	-7.41	437287.58	3977605.67	2421.6	49513.47	49693.76	-180.29	-167.67
Jan 5 2022	-81.69528	35.94079	63.53	-7.41	437288.39	3977604.33	2423.1	49511.54	49693.75	-182.21	-168.46
Jan 5 2022	-81.69528	35.94078	63.53	-7.41	437289.13	3977603.07	2424.6	49510.52	49693.75	-183.23	-169.35
Jan 5 2022	-81.69527	35.94077	63.53	-7.41	437289.91	3977601.80	2426.1	49506.33	49693.74	-187.42	-170.29
Jan 5 2022	-81.69526	35.94075	63.53	-7.41	437290.63	3977600.39	2427.6	49502.85	49693.73	-190.88	-171.29
Jan 5 2022	-81.69525	35.94074	63.53	-7.41	437291.35	3977598.83	2429.3	49500.64	49693.72	-193.08	-172.35
Jan 5 2022	-81.69524	35.94072	63.53	-7.41	437292.08	3977597.33	2431.0	49498.50	49693.71	-195.21	-173.46
Jan 5 2022	-81.69524	35.94071	63.53	-7.41	437292.77	3977596.02	2432.4	49498.14	49693.69	-195.55	-174.59
Jan 5 2022	-81.69523	35.94070	63.53	-7.41	437293.46	3977594.79	2433.8	49494.45	49693.69	-199.24	-175.80
Jan 5 2022	-81.69522	35.94069	63.53	-7.41	437294.23	3977593.57	2435.3	49491.00	49693.68	-202.69	-177.08
Jan 5 2022	-81.69521	35.94068	63.53	-7.41	437295.09	3977592.36	2436.8	49488.77	49693.68	-204.90	-178.41
Jan 5 2022	-81.69520	35.94067	63.53	-7.41	437296.00	3977591.10	2438.3	49486.11	49693.67	-207.55	-179.77
Jan 5 2022	-81.69519	35.94066	63.53	-7.41	437296.81	3977589.74	2439.9	49489.03	49693.66	-204.63	-181.09
Jan 5 2022	-81.69518	35.94065	63.53	-7.41	437297.66	3977588.46	2441.4	49494.02	49693.65	-199.63	-182.29
Jan 5 2022	-81.69517	35.94063	63.53	-7.41	437298.74	3977587.17	2443.1	49492.68	49693.65	-200.97	-183.51
Jan 5 2022	-81.69516	35.94062	63.53	-7.41	437299.66	3977585.59	2444.9	49488.67	49693.65	-204.97	-184.75
Jan 5 2022	-81.69515	35.94061	63.53	-7.41	437300.47	3977584.04	2446.7	49486.25	49693.64	-207.39	-185.98
Jan 5 2022	-81.69514	35.94059	63.53	-7.41	437301.41	3977582.81	2448.2	49484.48	49693.62	-209.15	-187.18
Jan 5 2022	-81.69513	35.94059	63.53	-7.41	437302.44	3977581.79	2449.6	49481.57	49693.61	-212.04	-188.39
Jan 5 2022	-81.69512	35.94058	63.53	-7.41	437303.42	3977580.69	2451.1	49479.11	49693.60	-214.49	-189.67

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69511	35.94056	63.53	-7.41	437304.20	3977579.30	2452.7	49477.65	49693.59	-215.95	-190.92
Jan 5 2022	-81.69509	35.94055	63.53	-7.41	437305.39	3977577.88	2454.5	49475.11	49693.58	-218.48	-192.10
Jan 5 2022	-81.69508	35.94054	63.53	-7.41	437306.59	3977576.65	2456.2	49474.54	49693.58	-219.04	-193.13
Jan 5 2022	-81.69507	35.94053	63.53	-7.41	437307.48	3977575.64	2457.6	49475.07	49693.57	-218.50	-193.78
Jan 5 2022	-81.69506	35.94052	63.53	-7.41	437308.41	3977574.70	2458.9	49474.21	49693.57	-219.36	-193.84
Jan 5 2022	-81.69505	35.94051	63.53	-7.41	437309.30	3977573.74	2460.2	49470.88	49693.56	-222.69	-193.72
Jan 5 2022	-81.69504	35.94050	63.53	-7.41	437310.26	3977572.74	2461.5	49465.14	49693.56	-228.41	-193.95
Jan 5 2022	-81.69503	35.94049	63.53	-7.41	437311.08	3977571.55	2463.0	49462.80	49693.54	-230.75	-193.96
Jan 5 2022	-81.69502	35.94048	63.53	-7.41	437311.71	3977570.37	2464.3	49462.59	49693.54	-230.95	-194.07
Jan 5 2022	-81.69501	35.94047	63.53	-7.41	437312.51	3977569.18	2465.7	49461.20	49693.54	-232.34	-194.54
Jan 5 2022	-81.69500	35.94046	63.53	-7.41	437313.68	3977567.76	2467.6	49458.10	49693.53	-235.44	-195.19
Jan 5 2022	-81.69499	35.94045	63.53	-7.41	437314.75	3977566.48	2469.2	49456.85	49693.53	-236.67	-195.68
Jan 5 2022	-81.69498	35.94044	63.53	-7.41	437315.54	3977565.40	2470.6	49455.23	49693.52	-238.29	-195.32
Jan 5 2022	-81.69497	35.94043	63.53	-7.41	437316.46	3977564.26	2472.0	49454.01	49693.50	-239.50	-192.81
Jan 5 2022	-81.69496	35.94042	63.53	-7.41	437317.41	3977562.92	2473.7	49452.77	49693.49	-240.72	-188.88
Jan 5 2022	-81.69495	35.94040	63.53	-7.41	437318.39	3977561.52	2475.4	49452.95	49693.48	-240.53	-196.56
Jan 5 2022	-81.69493	35.94039	63.53	-7.41	437319.61	3977560.29	2477.1	49443.78	49693.47	-249.69	-202.53
Jan 5 2022	-81.69492	35.94038	63.53	-7.41	437320.72	3977559.22	2478.6	49393.05	49693.47	-300.42	-205.31
Jan 5 2022	-81.69491	35.94038	63.53	-7.41	437321.85	3977558.33	2480.0	49381.73	49693.47	-311.74	-207.97
Jan 5 2022	-81.69490	35.94037	63.53	-7.41	437322.83	3977557.36	2481.3	49417.17	49693.47	-276.30	-209.98
Jan 5 2022	-81.69489	35.94035	63.53	-7.41	437323.58	3977556.07	2482.8	49435.84	49693.46	-257.62	-211.62
Jan 5 2022	-81.69488	35.94034	63.53	-7.41	437324.67	3977554.87	2484.4	49435.44	49693.45	-258.01	-213.28
Jan 5 2022	-81.69486	35.94034	63.53	-7.41	437325.93	3977553.90	2486.0	49428.71	49693.44	-264.73	-215.15
Jan 5 2022	-81.69485	35.94032	63.53	-7.41	437327.10	3977552.68	2487.6	49424.84	49693.43	-268.59	-217.13
Jan 5 2022	-81.69484	35.94032	63.53	-7.41	437328.19	3977551.62	2489.1	49418.54	49693.42	-274.88	-219.27

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69483	35.94031	63.53	-7.41	437329.18	3977550.80	2490.4	49415.70	49693.41	-277.72	-221.49
Jan 5 2022	-81.69482	35.94030	63.53	-7.41	437330.09	3977549.73	2491.8	49421.03	49693.41	-272.38	-223.58
Jan 5 2022	-81.69481	35.94029	63.53	-7.41	437330.82	3977548.52	2493.2	49421.09	49693.40	-272.31	-225.61
Jan 5 2022	-81.69480	35.94027	63.53	-7.41	437331.46	3977547.10	2494.7	49417.97	49693.39	-275.42	-227.62
Jan 5 2022	-81.69479	35.94026	63.53	-7.41	437332.21	3977545.88	2496.1	49413.89	49693.39	-279.50	-229.65
Jan 5 2022	-81.69478	35.94026	63.53	-7.41	437333.11	3977545.13	2497.3	49409.59	49693.38	-283.79	-231.72
Jan 5 2022	-81.69477	35.94025	63.53	-7.41	437334.02	3977544.30	2498.5	49402.43	49693.37	-290.94	-233.89
Jan 5 2022	-81.69476	35.94024	63.53	-7.41	437335.08	3977543.21	2500.0	49390.23	49693.37	-303.15	-236.29
Jan 5 2022	-81.69475	35.94023	63.53	-7.41	437336.34	3977542.01	2501.7	49370.34	49693.37	-323.03	-239.00
Jan 5 2022	-81.69473	35.94022	63.53	-7.41	437337.86	3977540.91	2503.4	49330.80	49693.36	-362.56	-242.44
Jan 5 2022	-81.69471	35.94021	63.53	-7.41	437339.50	3977540.19	2505.0	49256.94	49693.36	-436.42	-247.30
Jan 5 2022	-81.69470	35.94021	63.53	-7.41	437340.83	3977539.79	2506.1	49153.97	49693.35	-539.38	-254.19
Jan 5 2022	-81.69469	35.94021	63.53	-7.41	437341.89	3977539.33	2507.1	49086.64	49693.35	-606.71	-262.41
Jan 5 2022	-81.69467	35.94020	63.53	-7.41	437342.97	3977538.87	2508.0	48912.95	49693.35	-780.40	-274.03
Jan 5 2022	-81.69466	35.94020	63.53	-7.41	437343.92	3977538.59	2508.8	48937.44	49693.34	-755.90	-285.10
Jan 5 2022	-81.69465	35.94019	63.53	-7.41	437345.04	3977538.13	2509.8	49286.26	49693.32	-407.07	-289.14
Jan 5 2022	-81.69464	35.94019	63.53	-7.41	437346.37	3977537.44	2511.2	49453.73	49693.30	-239.57	-289.78
Jan 5 2022	-81.69463	35.94018	63.53	-7.41	437347.34	3977536.60	2512.4	49461.77	49693.30	-231.53	-290.32
Jan 5 2022	-81.69462	35.94017	63.53	-7.41	437348.20	3977535.52	2513.8	49435.83	49693.29	-257.46	-291.48
Jan 5 2022	-81.69461	35.94016	63.53	-7.41	437349.13	3977534.42	2515.2	49409.35	49693.28	-283.92	-293.14
Jan 5 2022	-81.69459	35.94015	63.53	-7.41	437350.23	3977533.44	2516.7	49388.28	49693.27	-304.99	-295.14
Jan 5 2022	-81.69458	35.94014	63.53	-7.41	437351.33	3977532.39	2518.2	49371.68	49693.26	-321.57	-297.42
Jan 5 2022	-81.69457	35.94013	63.53	-7.41	437352.27	3977531.39	2519.5	49359.79	49693.25	-333.46	-299.91
Jan 5 2022	-81.69456	35.94013	63.53	-7.41	437353.41	3977530.38	2521.0	49351.13	49693.26	-342.13	-302.51
Jan 5 2022	-81.69455	35.94012	63.53	-7.41	437354.51	3977529.35	2522.5	49346.28	49693.26	-346.98	-305.16

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69454	35.94011	63.53	-7.41	437355.40	3977528.19	2523.9	49342.66	49693.25	-350.59	-307.85
Jan 5 2022	-81.69453	35.94009	63.53	-7.41	437356.21	3977526.80	2525.5	49339.71	49693.24	-353.53	-310.55
Jan 5 2022	-81.69452	35.94008	63.53	-7.41	437356.94	3977525.54	2527.0	49338.14	49693.24	-355.10	-313.27
Jan 5 2022	-81.69451	35.94007	63.53	-7.41	437357.74	3977524.53	2528.3	49336.76	49693.24	-356.48	-316.03
Jan 5 2022	-81.69450	35.94006	63.53	-7.41	437358.74	3977523.39	2529.8	49332.40	49693.23	-360.84	-318.86
Jan 5 2022	-81.69449	35.94005	63.53	-7.41	437359.70	3977522.32	2531.2	49326.16	49693.23	-367.06	-321.75
Jan 5 2022	-81.69448	35.94004	63.53	-7.41	437360.53	3977521.20	2532.6	49318.46	49693.21	-374.75	-324.68
Jan 5 2022	-81.69447	35.94003	63.53	-7.41	437361.26	3977519.73	2534.2	49309.49	49693.20	-383.71	-327.74
Jan 5 2022	-81.69446	35.94002	63.53	-7.41	437362.18	3977518.25	2536.0	49299.51	49693.19	-393.67	-330.99
Jan 5 2022	-81.69445	35.94001	63.53	-7.41	437363.14	3977517.05	2537.5	49289.96	49693.17	-403.21	-334.41
Jan 5 2022	-81.69444	35.94000	63.53	-7.41	437363.86	3977515.97	2538.8	49279.97	49693.16	-413.19	-337.96
Jan 5 2022	-81.69443	35.93999	63.53	-7.41	437364.71	3977514.86	2540.2	49270.47	49693.16	-422.69	-341.68
Jan 5 2022	-81.69442	35.93998	63.53	-7.41	437365.65	3977513.67	2541.7	49262.12	49693.15	-431.03	-345.54
Jan 5 2022	-81.69441	35.93996	63.53	-7.41	437366.35	3977512.40	2543.2	49256.09	49693.14	-437.05	-349.49
Jan 5 2022	-81.69440	35.93995	63.53	-7.41	437367.16	3977511.22	2544.6	49251.17	49693.14	-441.97	-353.51
Jan 5 2022	-81.69439	35.93994	63.53	-7.41	437368.33	3977510.04	2546.2	49248.55	49693.13	-444.58	-357.59
Jan 5 2022	-81.69438	35.93993	63.53	-7.41	437369.54	3977508.77	2548.0	49247.68	49693.12	-445.45	-361.51
Jan 5 2022	-81.69437	35.93992	63.53	-7.41	437370.50	3977507.55	2549.5	49247.60	49693.11	-445.52	-364.41
Jan 5 2022	-81.69436	35.93991	63.53	-7.41	437371.26	3977506.30	2551.0	49248.88	49693.11	-444.23	-367.06
Jan 5 2022	-81.69435	35.93990	63.53	-7.41	437372.19	3977504.96	2552.6	49249.09	49693.10	-444.01	-370.42
Jan 5 2022	-81.69434	35.93989	63.53	-7.41	437373.22	3977503.70	2554.2	49251.94	49693.09	-441.15	-374.09
Jan 5 2022	-81.69433	35.93988	63.53	-7.41	437373.79	3977502.53	2555.5	49255.86	49693.08	-437.22	-377.67
Jan 5 2022	-81.69433	35.93986	63.53	-7.41	437374.15	3977501.26	2556.8	49261.07	49693.06	-432.00	-381.02
Jan 5 2022	-81.69432	35.93985	63.53	-7.41	437374.80	3977499.81	2558.3	49267.31	49693.05	-425.74	-384.16
Jan 5 2022	-81.69431	35.93984	63.53	-7.41	437375.83	3977498.29	2560.2	49273.48	49693.05	-419.56	-387.05

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.69430	35.93982	63.53	-7.41	437376.81	3977496.89	2561.9	49282.10	49693.04	-410.95	-389.72	
Jan 5 2022	-81.69429	35.93981	63.53	-7.41	437377.66	3977495.68	2563.3	49291.65	49693.04	-401.39	-392.30	
Jan 5 2022	-81.69428	35.93980	63.53	-7.41	437378.42	3977494.49	2564.8	49289.10	49693.03	-403.93	-394.93	
Jan 5 2022	-81.69427	35.93979	63.53	-7.41	437378.98	3977493.19	2566.1	49286.85	49693.02	-406.18	-397.54	
Jan 5 2022	-81.69426	35.93978	63.53	-7.41	437379.56	3977491.73	2567.7	49283.86	49693.01	-409.16	-400.14	
Jan 5 2022	-81.69425	35.93977	63.53	-7.41	437380.48	3977490.43	2569.3	49281.97	49693.01	-411.04	-402.68	
Jan 5 2022	-81.69424	35.93976	63.53	-7.41	437381.63	3977489.33	2570.8	49283.05	49693.01	-409.96	-405.06	
Jan 5 2022	-81.69423	35.93975	63.53	-7.41	437382.64	3977488.15	2572.4	49287.35	49693.00	-405.65	-407.11	
Jan 5 2022	-81.69422	35.93973	63.53	-7.41	437383.51	3977486.65	2574.1	49295.80	49692.99	-397.19	-408.60	
Jan 5 2022	-81.69421	35.93972	63.53	-7.41	437384.04	3977485.06	2575.7	49306.00	49692.98	-386.99	-409.09	
Jan 5 2022	-81.69421	35.93971	63.53	-7.41	437384.45	3977483.73	2577.0	49324.37	49692.97	-368.60	-407.73	
Jan 5 2022	-81.69420	35.93969	63.53	-7.41	437385.06	3977482.33	2578.5	49348.97	49692.95	-343.98	-403.82	
Jan 5 2022	-81.69419	35.93968	63.53	-7.41	437385.89	3977480.82	2580.2	49382.31	49692.95	-310.64	-397.90	
Jan 5 2022	-81.69418	35.93967	63.53	-7.41	437386.67	3977479.47	2581.8	49419.08	49692.95	-273.87	-387.77	
Jan 5 2022	-81.69418	35.93966	63.53	-7.41	437387.27	3977478.09	2583.3	49455.26	49692.95	-237.69	-377.40	
Jan 5 2022	-81.69417	35.93964	63.53	-7.41	437387.93	3977476.48	2585.0	49486.41	49692.95	-206.54	-373.39	
Jan 5 2022	-81.69416	35.93963	63.53	-7.41	437388.74	3977474.90	2586.7	49511.61	49692.94	-181.32	-372.23	
Jan 5 2022	-81.69415	35.93962	63.53	-7.41	437389.36	3977473.68	2588.1	49535.86	49692.93	-157.07	-370.74	
Jan 5 2022	-81.69415	35.93960	63.53	-7.41	437389.92	3977472.26	2589.5	49559.72	49692.92	-133.20	-368.25	
Jan 5 2022	-81.69414	35.93959	63.53	-7.41	437390.78	3977470.67	2591.3	49583.82	49692.91	-109.10	-364.76	
Jan 5 2022	-81.69413	35.93958	63.53	-7.41	437391.64	3977469.41	2592.9	49602.73	49692.91	-90.18	-360.46	
Jan 5 2022	-81.69412	35.93957	63.53	-7.41	437392.36	3977468.11	2594.3	49611.52	49692.91	-81.39	-355.66	
Jan 5 2022	-81.69411	35.93955	63.53	-7.41	437393.20	3977466.75	2595.9	49612.99	49692.91	-79.91	-350.59	
Jan 5 2022	-81.69410	35.93954	63.53	-7.41	437394.11	3977465.31	2597.6	49614.63	49692.89	-78.26	-345.31	
Jan 5 2022	-81.69409	35.93953	63.53	-7.41	437394.89	3977463.93	2599.2	49618.15	49692.88	-74.73	-339.86	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69408	35.93952	63.53	-7.41	437395.63	3977462.78	2600.6	49623.25	49692.88	-69.63	-334.25
Jan 5 2022	-81.69408	35.93951	63.53	-7.41	437396.29	3977461.61	2601.9	49635.78	49692.88	-57.10	-328.32
Jan 5 2022	-81.69407	35.93950	63.53	-7.41	437396.92	3977460.25	2603.4	49654.12	49692.88	-38.76	-321.99
Jan 5 2022	-81.69406	35.93948	63.53	-7.41	437397.66	3977458.77	2605.0	49677.82	49692.88	-15.06	-315.16
Jan 5 2022	-81.69405	35.93947	63.53	-7.41	437398.32	3977457.33	2606.6	49705.53	49692.87	12.66	-307.69
Jan 5 2022	-81.69405	35.93946	63.53	-7.41	437398.96	3977455.94	2608.1	49731.18	49692.86	38.32	-299.58
Jan 5 2022	-81.69404	35.93944	63.53	-7.41	437399.79	3977454.57	2609.7	49753.73	49692.85	60.88	-290.87
Jan 5 2022	-81.69403	35.93943	63.53	-7.41	437400.64	3977453.01	2611.5	49771.74	49692.84	78.90	-281.62
Jan 5 2022	-81.69402	35.93942	63.53	-7.41	437401.37	3977451.41	2613.2	49787.47	49692.83	94.64	-271.85
Jan 5 2022	-81.69401	35.93940	63.53	-7.41	437402.01	3977449.95	2614.7	49792.29	49692.83	99.47	-261.80
Jan 5 2022	-81.69401	35.93939	63.53	-7.41	437402.62	3977448.61	2616.2	49781.29	49692.82	88.47	-251.77
Jan 5 2022	-81.69400	35.93938	63.53	-7.41	437403.40	3977447.29	2617.7	49767.62	49692.81	74.81	-241.82
Jan 5 2022	-81.69399	35.93937	63.53	-7.41	437404.20	3977445.91	2619.3	49761.73	49692.79	68.94	-231.82
Jan 5 2022	-81.69398	35.93936	63.53	-7.41	437404.87	3977444.61	2620.8	49763.51	49692.78	70.72	-221.66
Jan 5 2022	-81.69397	35.93934	63.53	-7.41	437405.50	3977443.36	2622.1	49771.65	49692.78	78.87	-211.24
Jan 5 2022	-81.69396	35.93933	63.53	-7.41	437406.29	3977442.20	2623.5	49785.48	49692.77	92.71	-200.50
Jan 5 2022	-81.69395	35.93932	63.53	-7.41	437407.18	3977441.04	2625.0	49798.16	49692.76	105.40	-189.48
Jan 5 2022	-81.69395	35.93931	63.53	-7.41	437407.91	3977439.71	2626.5	49806.43	49692.76	113.67	-178.30
Jan 5 2022	-81.69394	35.93930	63.53	-7.41	437408.59	3977438.28	2628.1	49812.02	49692.75	119.27	-167.03
Jan 5 2022	-81.69393	35.93929	63.53	-7.41	437409.25	3977436.87	2629.6	49814.98	49692.74	122.24	-155.70
Jan 5 2022	-81.69392	35.93927	63.53	-7.41	437409.89	3977435.43	2631.2	49817.58	49692.72	124.86	-144.38
Jan 5 2022	-81.69392	35.93926	63.53	-7.41	437410.51	3977433.89	2632.8	49816.94	49692.71	124.23	-133.15
Jan 5 2022	-81.69391	35.93925	63.53	-7.41	437411.21	3977432.43	2634.4	49811.69	49692.70	118.99	-122.13
Jan 5 2022	-81.69390	35.93923	63.53	-7.41	437411.87	3977430.95	2636.0	49806.58	49692.69	113.89	-111.34
Jan 5 2022	-81.69390	35.93922	63.53	-7.41	437412.45	3977429.42	2637.5	49802.79	49692.68	110.10	-100.75

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69389	35.93920	63.53	-7.41	437412.99	3977427.87	2639.1	49800.79	49692.68	108.10	-90.37
Jan 5 2022	-81.69388	35.93919	63.53	-7.41	437413.59	3977426.27	2640.8	49800.34	49692.68	107.65	-80.19
Jan 5 2022	-81.69387	35.93918	63.53	-7.41	437414.43	3977424.89	2642.4	49801.33	49692.68	108.65	-69.94
Jan 5 2022	-81.69386	35.93917	63.53	-7.41	437415.41	3977423.52	2644.1	49804.54	49692.67	111.87	-59.57
Jan 5 2022	-81.69385	35.93915	63.53	-7.41	437416.41	3977422.02	2645.9	49812.85	49692.66	120.18	-48.99
Jan 5 2022	-81.69384	35.93914	63.53	-7.41	437417.44	3977420.67	2647.6	49828.52	49692.65	135.87	-38.05
Jan 5 2022	-81.69383	35.93913	63.53	-7.41	437418.33	3977419.52	2649.0	49848.64	49692.64	156.01	-26.73
Jan 5 2022	-81.69382	35.93912	63.53	-7.41	437419.00	3977418.18	2650.5	49877.04	49692.62	184.42	-14.93
Jan 5 2022	-81.69381	35.93910	63.53	-7.41	437419.60	3977416.73	2652.0	49904.41	49692.62	211.79	-2.75
Jan 5 2022	-81.69381	35.93909	63.53	-7.41	437420.35	3977415.45	2653.5	49926.46	49692.62	233.84	9.67
Jan 5 2022	-81.69380	35.93908	63.53	-7.41	437421.25	3977414.29	2655.0	49939.43	49692.61	246.82	21.98
Jan 5 2022	-81.69379	35.93907	63.53	-7.41	437422.04	3977413.09	2656.4	49942.96	49692.61	250.35	33.86
Jan 5 2022	-81.69378	35.93906	63.53	-7.41	437422.60	3977411.62	2658.0	49942.38	49692.60	249.78	45.07
Jan 5 2022	-81.69378	35.93904	63.53	-7.41	437423.02	3977410.05	2659.5	49941.44	49692.59	248.85	55.53
Jan 5 2022	-81.69377	35.93903	63.53	-7.41	437423.45	3977408.56	2660.9	49942.48	49692.58	249.90	65.28
Jan 5 2022	-81.69377	35.93902	63.53	-7.41	437423.86	3977407.20	2662.3	49940.20	49692.57	247.63	74.36
Jan 5 2022	-81.69376	35.93901	63.53	-7.41	437424.22	3977405.85	2663.6	49934.49	49692.56	241.93	82.83
Jan 5 2022	-81.69376	35.93900	63.53	-7.41	437424.60	3977404.52	2664.9	49924.70	49692.55	232.14	90.61
Jan 5 2022	-81.69375	35.93898	63.53	-7.41	437425.18	3977403.20	2666.3	49914.12	49692.55	221.58	97.70
Jan 5 2022	-81.69374	35.93897	63.53	-7.41	437425.91	3977401.60	2668.1	49906.50	49692.54	213.96	104.17
Jan 5 2022	-81.69374	35.93895	63.53	-7.41	437426.65	3977399.99	2669.8	49903.92	49692.52	211.40	110.20
Jan 5 2022	-81.69373	35.93894	63.53	-7.41	437427.51	3977398.61	2671.4	49905.33	49692.52	212.81	116.08
Jan 5 2022	-81.69372	35.93893	63.53	-7.41	437428.46	3977397.35	2673.0	49908.24	49692.52	215.73	121.99
Jan 5 2022	-81.69371	35.93892	63.53	-7.41	437429.34	3977395.98	2674.6	49911.00	49692.52	218.48	127.93
Jan 5 2022	-81.69370	35.93890	63.53	-7.41	437430.06	3977394.37	2676.4	49913.96	49692.52	221.44	133.85

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69369	35.93889	63.53	-7.41	437430.66	3977392.80	2678.0	49914.40	49692.51	221.89	139.68
Jan 5 2022	-81.69368	35.93888	63.53	-7.41	437431.31	3977391.29	2679.6	49909.01	49692.50	216.51	145.16
Jan 5 2022	-81.69368	35.93886	63.53	-7.41	437431.92	3977389.80	2681.2	49897.36	49692.49	204.88	150.03
Jan 5 2022	-81.69367	35.93885	63.53	-7.41	437432.38	3977388.58	2682.4	49879.11	49692.48	186.63	154.06
Jan 5 2022	-81.69367	35.93884	63.53	-7.41	437432.81	3977387.39	2683.7	49852.02	49692.47	159.55	157.00
Jan 5 2022	-81.69366	35.93883	63.53	-7.41	437433.33	3977386.18	2684.9	49820.77	49692.47	128.30	158.80
Jan 5 2022	-81.69366	35.93882	63.53	-7.41	437433.79	3977384.95	2686.2	49797.81	49692.47	105.34	159.69
Jan 5 2022	-81.69365	35.93881	63.53	-7.41	437434.13	3977383.65	2687.5	49779.33	49692.46	86.87	159.85
Jan 5 2022	-81.69365	35.93880	63.53	-7.41	437434.31	3977382.34	2688.7	49763.18	49692.45	70.73	159.37
Jan 5 2022	-81.69365	35.93878	63.53	-7.41	437434.18	3977380.87	2689.8	49752.07	49692.44	59.63	158.57
Jan 5 2022	-81.69365	35.93877	63.53	-7.41	437433.97	3977379.30	2691.0	49742.19	49692.44	49.75	157.80
Jan 5 2022	-81.69366	35.93875	63.53	-7.41	437433.74	3977377.70	2692.1	49729.00	49692.44	36.57	157.03
Jan 5 2022	-81.69366	35.93874	63.53	-7.41	437433.54	3977376.16	2693.3	49712.24	49692.43	19.80	156.05
Jan 5 2022	-81.69366	35.93873	63.53	-7.41	437433.46	3977374.75	2694.4	49693.48	49692.42	1.06	154.66
Jan 5 2022	-81.69366	35.93871	63.53	-7.41	437433.52	3977373.27	2695.7	49674.84	49692.41	-17.57	152.73
Jan 5 2022	-81.69365	35.93870	63.53	-7.41	437433.76	3977371.74	2697.1	49654.07	49692.40	-38.34	150.11
Jan 5 2022	-81.69365	35.93869	63.53	-7.41	437434.15	3977370.26	2698.5	49630.20	49692.40	-62.20	146.76
Jan 5 2022	-81.69365	35.93867	63.53	-7.41	437434.43	3977368.79	2699.9	49607.82	49692.39	-84.57	142.79
Jan 5 2022	-81.69365	35.93866	63.53	-7.41	437434.51	3977367.37	2701.1	49589.18	49692.38	-103.20	138.34
Jan 5 2022	-81.69364	35.93865	63.53	-7.41	437434.58	3977365.92	2702.3	49575.72	49692.38	-116.65	133.56
Jan 5 2022	-81.69364	35.93863	63.53	-7.41	437434.67	3977364.47	2703.5	49567.68	49692.37	-124.69	128.57
Jan 5 2022	-81.69364	35.93862	63.53	-7.41	437434.93	3977363.10	2704.8	49566.59	49692.36	-125.77	123.57
Jan 5 2022	-81.69364	35.93861	63.53	-7.41	437435.38	3977361.71	2706.2	49573.17	49692.36	-119.19	118.81
Jan 5 2022	-81.69363	35.93860	63.53	-7.41	437435.84	3977360.25	2707.7	49581.34	49692.35	-111.02	114.31
Jan 5 2022	-81.69363	35.93858	63.53	-7.41	437436.15	3977358.69	2709.1	49585.42	49692.34	-106.92	109.97

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69363	35.93857	63.53	-7.41	437436.26	3977357.14	2710.5	49585.67	49692.33	-106.66	105.68
Jan 5 2022	-81.69362	35.93855	63.53	-7.41	437436.42	3977355.53	2711.9	49582.95	49692.32	-109.38	101.34
Jan 5 2022	-81.69362	35.93854	63.53	-7.41	437436.72	3977353.95	2713.4	49580.11	49692.31	-112.21	96.92
Jan 5 2022	-81.69362	35.93853	63.53	-7.41	437436.99	3977352.52	2714.7	49573.17	49692.31	-119.14	92.30
Jan 5 2022	-81.69361	35.93851	63.53	-7.41	437437.33	3977351.09	2716.1	49558.35	49692.30	-133.95	87.22
Jan 5 2022	-81.69361	35.93850	63.53	-7.41	437437.69	3977349.63	2717.5	49529.43	49692.29	-162.86	81.24
Jan 5 2022	-81.69361	35.93849	63.53	-7.41	437437.94	3977348.22	2718.8	49484.63	49692.28	-207.66	73.97
Jan 5 2022	-81.69360	35.93848	63.53	-7.41	437438.29	3977346.90	2720.1	49424.09	49692.28	-268.19	64.92
Jan 5 2022	-81.69360	35.93846	63.53	-7.41	437438.76	3977345.53	2721.5	49366.99	49692.28	-325.29	54.17
Jan 5 2022	-81.69359	35.93845	63.53	-7.41	437439.13	3977344.01	2722.9	49333.64	49692.28	-358.65	42.32
Jan 5 2022	-81.69359	35.93844	63.53	-7.41	437439.52	3977342.42	2724.5	49357.31	49692.27	-334.96	30.69
Jan 5 2022	-81.69358	35.93842	63.53	-7.41	437439.89	3977340.94	2725.9	49431.82	49692.26	-260.44	20.47
Jan 5 2022	-81.69358	35.93841	63.53	-7.41	437440.19	3977339.44	2727.3	49463.34	49692.25	-228.91	10.90
Jan 5 2022	-81.69358	35.93840	63.53	-7.41	437440.53	3977338.03	2728.7	49537.97	49692.25	-154.28	2.84
Jan 5 2022	-81.69357	35.93838	63.53	-7.41	437441.04	3977336.70	2730.0	49588.33	49692.24	-103.91	-4.24
Jan 5 2022	-81.69356	35.93837	63.53	-7.41	437441.72	3977335.34	2731.5	49599.17	49692.24	-93.07	-11.05
Jan 5 2022	-81.69356	35.93836	63.53	-7.41	437442.35	3977333.99	2733.0	49587.32	49692.22	-104.90	-17.99
Jan 5 2022	-81.69355	35.93835	63.53	-7.41	437442.92	3977332.68	2734.4	49569.27	49692.20	-122.93	-25.09
Jan 5 2022	-81.69354	35.93834	63.53	-7.41	437443.66	3977331.37	2735.9	49547.07	49692.20	-145.13	-32.43
Jan 5 2022	-81.69353	35.93832	63.53	-7.41	437444.36	3977329.93	2737.5	49519.24	49692.20	-172.96	-40.16
Jan 5 2022	-81.69353	35.93831	63.53	-7.41	437444.92	3977328.45	2739.0	49490.44	49692.18	-201.74	-48.43
Jan 5 2022	-81.69352	35.93830	63.53	-7.41	437445.45	3977327.07	2740.5	49501.88	49692.17	-190.29	-56.49
Jan 5 2022	-81.69352	35.93829	63.53	-7.41	437445.95	3977325.82	2741.8	49583.46	49692.16	-108.70	-62.98
Jan 5 2022	-81.69351	35.93828	63.53	-7.41	437446.60	3977324.68	2743.1	49616.34	49692.15	-75.81	-68.86
Jan 5 2022	-81.69350	35.93827	63.53	-7.41	437447.42	3977323.54	2744.5	49565.42	49692.14	-126.72	-75.83

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69349	35.93826	63.53	-7.41	437448.28	3977322.38	2745.9	49516.77	49692.13	-175.36	-83.77
Jan 5 2022	-81.69348	35.93825	63.53	-7.41	437449.13	3977321.27	2747.3	49497.84	49692.13	-194.29	-91.99
Jan 5 2022	-81.69347	35.93824	63.53	-7.41	437450.10	3977320.22	2748.8	49502.48	49692.13	-189.64	-99.88
Jan 5 2022	-81.69346	35.93823	63.53	-7.41	437451.19	3977319.09	2750.3	49526.00	49692.13	-166.13	-106.93
Jan 5 2022	-81.69345	35.93822	63.53	-7.41	437452.24	3977318.00	2751.8	49573.26	49692.12	-118.86	-112.50
Jan 5 2022	-81.69343	35.93821	63.53	-7.41	437453.22	3977316.95	2753.2	49550.20	49692.12	-141.92	-117.91
Jan 5 2022	-81.69342	35.93820	63.53	-7.41	437454.12	3977315.80	2754.7	49513.50	49692.11	-178.61	-123.58
Jan 5 2022	-81.69341	35.93819	63.53	-7.41	437455.00	3977314.65	2756.1	49478.56	49692.10	-213.54	-129.59
Jan 5 2022	-81.69340	35.93818	63.53	-7.41	437455.96	3977313.59	2757.5	49450.86	49692.10	-241.24	-135.83
Jan 5 2022	-81.69339	35.93817	63.53	-7.41	437457.00	3977312.58	2759.0	49433.82	49692.09	-258.28	-142.19
Jan 5 2022	-81.69338	35.93816	63.53	-7.41	437458.09	3977311.54	2760.4	49422.01	49692.09	-270.08	-148.59
Jan 5 2022	-81.69337	35.93815	63.53	-7.41	437459.15	3977310.60	2761.8	49417.98	49692.08	-274.10	-154.80
Jan 5 2022	-81.69336	35.93814	63.53	-7.41	437460.22	3977309.75	2763.1	49441.60	49692.08	-250.47	-160.21
Jan 5 2022	-81.69334	35.93814	63.53	-7.41	437461.41	3977308.92	2764.5	49473.08	49692.08	-218.99	-164.61
Jan 5 2022	-81.69333	35.93813	63.53	-7.41	437462.65	3977308.09	2765.9	49487.78	49692.08	-204.30	-168.34
Jan 5 2022	-81.69332	35.93812	63.53	-7.41	437463.90	3977307.27	2767.2	49505.09	49692.07	-186.98	-171.31
Jan 5 2022	-81.69330	35.93811	63.53	-7.41	437465.21	3977306.46	2768.6	49512.24	49692.07	-179.83	-173.67
Jan 5 2022	-81.69329	35.93811	63.53	-7.41	437466.57	3977305.68	2770.1	49492.54	49692.06	-199.53	-175.97
Jan 5 2022	-81.69327	35.93810	63.53	-7.41	437467.85	3977304.85	2771.5	49437.39	49692.05	-254.66	-179.00
Jan 5 2022	-81.69326	35.93809	63.53	-7.41	437469.02	3977303.87	2772.9	49353.18	49692.05	-338.86	-183.44
Jan 5 2022	-81.69325	35.93808	63.53	-7.41	437470.13	3977302.88	2774.4	49277.77	49692.04	-414.27	-189.23
Jan 5 2022	-81.69323	35.93807	63.53	-7.41	437471.29	3977301.95	2775.8	49266.07	49692.04	-425.97	-195.24
Jan 5 2022	-81.69322	35.93807	63.53	-7.41	437472.53	3977301.09	2777.2	49313.19	49692.04	-378.85	-200.43
Jan 5 2022	-81.69320	35.93806	63.53	-7.41	437473.81	3977300.29	2778.6	49428.61	49692.03	-263.43	-203.48
Jan 5 2022	-81.69319	35.93805	63.53	-7.41	437475.03	3977299.43	2780.0	49636.43	49692.02	-55.59	-202.45

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Jan 5 2022	-81.69318	35.93804	63.53	-7.41	437476.18	3977298.50	2781.4	49852.05	49692.02	160.03	-197.12
Jan 5 2022	-81.69317	35.93804	63.53	-7.41	437477.28	3977297.67	2782.7	49970.00	49692.02	277.99	-189.37
Jan 5 2022	-81.69315	35.93803	63.53	-7.41	437478.40	3977296.81	2784.1	49881.78	49692.02	189.77	-183.33
Jan 5 2022	-81.69314	35.93802	63.53	-7.41	437479.57	3977295.88	2785.5	49483.45	49692.01	-208.56	-185.12
Jan 5 2022	-81.69313	35.93801	63.53	-7.41	437480.71	3977294.95	2786.9	48950.26	49692.00	-741.74	-197.27
Jan 5 2022	-81.69312	35.93800	63.53	-7.41	437481.79	3977293.93	2788.4	48781.30	49691.99	-910.69	-212.23
Jan 5 2022	-81.69310	35.93799	63.53	-7.41	437482.85	3977292.90	2789.8	48832.44	49691.98	-859.54	-225.27
Jan 5 2022	-81.69309	35.93799	63.53	-7.41	437483.89	3977292.07	2791.1	48939.34	49691.98	-752.64	-234.96
Jan 5 2022	-81.69308	35.93798	63.53	-7.41	437485.06	3977291.36	2792.3	49027.87	49691.97	-664.10	-241.73
Jan 5 2022	-81.69307	35.93797	63.53	-7.41	437486.22	3977290.61	2793.6	49097.85	49691.96	-594.11	-246.44
Jan 5 2022	-81.69305	35.93797	63.53	-7.41	437487.32	3977289.84	2794.9	49114.71	49691.96	-577.25	-251.29
Jan 5 2022	-81.69304	35.93796	63.53	-7.41	437488.52	3977289.05	2796.2	49088.23	49691.96	-603.73	-258.15
Jan 5 2022	-81.69303	35.93795	63.53	-7.41	437489.73	3977288.28	2797.5	49125.65	49691.96	-566.31	-264.90
Jan 5 2022	-81.69302	35.93794	63.53	-7.41	437490.81	3977287.35	2798.9	49213.88	49691.96	-478.08	-271.38
Jan 5 2022	-81.69300	35.93793	63.53	-7.41	437491.76	3977286.29	2800.3	49261.40	49691.94	-430.54	-277.91
Jan 5 2022	-81.69299	35.93792	63.53	-7.41	437492.75	3977285.20	2801.8	49271.67	49691.93	-420.27	-284.45
Jan 5 2022	-81.69298	35.93791	63.53	-7.41	437493.69	3977284.09	2803.2	49300.06	49691.93	-391.87	-290.19
Jan 5 2022	-81.69297	35.93790	63.53	-7.41	437494.65	3977283.04	2804.6	49386.30	49691.93	-305.63	-293.85
Jan 5 2022	-81.69296	35.93790	63.53	-7.41	437495.69	3977282.01	2806.1	49507.52	49691.92	-184.40	-294.63
Jan 5 2022	-81.69295	35.93789	63.53	-7.41	437496.78	3977281.04	2807.5	49610.65	49691.92	-81.26	-292.80
Jan 5 2022	-81.69294	35.93788	63.53	-7.41	437497.96	3977280.15	2808.9	49696.26	49691.91	4.35	-288.68
Jan 5 2022	-81.69292	35.93787	63.53	-7.41	437499.19	3977279.38	2810.2	49715.95	49691.90	24.05	-284.39
Jan 5 2022	-81.69291	35.93786	63.53	-7.41	437500.44	3977278.61	2811.6	49759.02	49691.90	67.12	-280.87
Jan 5 2022	-81.69289	35.93786	63.53	-7.41	437501.59	3977277.65	2813.0	49847.64	49691.89	155.75	-276.24
Jan 5 2022	-81.69288	35.93785	63.53	-7.41	437502.59	3977276.53	2814.5	49925.95	49691.88	234.07	-269.03

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69287	35.93784	63.53	-7.41	437503.59	3977275.38	2816.0	49975.96	49691.87	284.09	-259.84
Jan 5 2022	-81.69286	35.93783	63.53	-7.41	437504.64	3977274.34	2817.5	49997.44	49691.86	305.58	-249.84
Jan 5 2022	-81.69285	35.93782	63.53	-7.41	437505.69	3977273.42	2818.8	49999.26	49691.85	307.41	-239.90
Jan 5 2022	-81.69284	35.93781	63.53	-7.41	437506.75	3977272.45	2820.2	49986.40	49691.85	294.55	-230.69
Jan 5 2022	-81.69283	35.93780	63.53	-7.41	437507.70	3977271.42	2821.6	49963.73	49691.84	271.89	-222.87
Jan 5 2022	-81.69282	35.93779	63.53	-7.41	437508.57	3977270.32	2823.0	49942.04	49691.83	250.20	-215.03
Jan 5 2022	-81.69281	35.93778	63.53	-7.41	437509.51	3977269.29	2824.4	49921.42	49691.83	229.59	-206.87
Jan 5 2022	-81.69280	35.93777	63.53	-7.41	437510.49	3977268.34	2825.7	49896.83	49691.82	205.01	-198.49
Jan 5 2022	-81.69278	35.93776	63.53	-7.41	437511.55	3977267.34	2827.2	49870.34	49691.82	178.52	-190.10
Jan 5 2022	-81.69277	35.93776	63.53	-7.41	437512.53	3977266.34	2828.6	49857.92	49691.81	166.11	-181.61
Jan 5 2022	-81.69276	35.93775	63.53	-7.41	437513.38	3977265.29	2829.9	49847.91	49691.80	156.10	-173.09
Jan 5 2022	-81.69275	35.93773	63.53	-7.41	437514.28	3977264.09	2831.4	49814.59	49691.80	122.79	-165.15
Jan 5 2022	-81.69274	35.93772	63.53	-7.41	437515.22	3977262.95	2832.9	49730.97	49691.79	39.18	-159.36
Jan 5 2022	-81.69273	35.93771	63.53	-7.41	437516.07	3977261.87	2834.2	49638.27	49691.79	-53.52	-156.05
Jan 5 2022	-81.69272	35.93770	63.53	-7.41	437516.95	3977260.75	2835.7	49994.30	49691.78	302.52	-145.91
Jan 5 2022	-81.69271	35.93769	63.53	-7.41	437517.88	3977259.62	2837.1	50166.56	49691.77	474.79	-132.68
Jan 5 2022	-81.69270	35.93768	63.53	-7.41	437518.75	3977258.47	2838.6	49982.58	49691.77	290.82	-123.26
Jan 5 2022	-81.69269	35.93767	63.53	-7.41	437519.58	3977257.34	2840.0	49952.35	49691.76	260.59	-114.06
Jan 5 2022	-81.69268	35.93766	63.53	-7.41	437520.48	3977256.20	2841.4	49964.36	49691.76	272.60	-103.52
Jan 5 2022	-81.69267	35.93765	63.53	-7.41	437521.38	3977255.10	2842.8	49973.06	49691.75	281.31	-91.11
Jan 5 2022	-81.69267	35.93764	63.53	-7.41	437522.07	3977253.99	2844.1	49972.39	49691.74	280.66	-77.21
Jan 5 2022	-81.69266	35.93763	63.53	-7.41	437522.75	3977252.81	2845.5	49966.02	49691.73	274.30	-63.21
Jan 5 2022	-81.69265	35.93762	63.53	-7.41	437523.46	3977251.58	2846.9	49956.17	49691.72	264.45	-50.34
Jan 5 2022	-81.69264	35.93761	63.53	-7.41	437524.12	3977250.27	2848.4	49943.04	49691.71	251.33	-40.05
Jan 5 2022	-81.69263	35.93760	63.53	-7.41	437524.85	3977249.19	2849.7	49930.01	49691.70	238.31	-34.17

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69262	35.93759	63.53	-7.41	437525.85	3977248.35	2850.9	49917.60	49691.69	225.91	-32.85
Jan 5 2022	-81.69261	35.93758	63.53	-7.41	437526.93	3977247.36	2852.4	49907.38	49691.69	215.69	-34.10
Jan 5 2022	-81.69260	35.93757	63.53	-7.41	437527.97	3977246.15	2853.9	49898.03	49691.68	206.35	-33.77
Jan 5 2022	-81.69259	35.93756	63.53	-7.41	437528.96	3977244.96	2855.5	49888.38	49691.67	196.71	-25.66
Jan 5 2022	-81.69258	35.93755	63.53	-7.41	437529.80	3977243.88	2856.9	49877.84	49691.66	186.17	-7.10
Jan 5 2022	-81.69257	35.93754	63.53	-7.41	437530.59	3977242.72	2858.3	49868.12	49691.66	176.46	14.64
Jan 5 2022	-81.69256	35.93753	63.53	-7.41	437531.48	3977241.56	2859.7	49858.91	49691.65	167.26	35.18
Jan 5 2022	-81.69255	35.93752	63.53	-7.41	437532.53	3977240.58	2861.1	49849.55	49691.65	157.91	53.39
Jan 5 2022	-81.69254	35.93752	63.53	-7.41	437533.76	3977239.63	2862.6	49838.76	49691.65	147.11	69.61
Jan 5 2022	-81.69252	35.93751	63.53	-7.41	437534.97	3977238.56	2864.2	49828.54	49691.64	136.90	84.23
Jan 5 2022	-81.69251	35.93750	63.53	-7.41	437536.01	3977237.43	2865.7	49820.64	49691.63	129.01	98.36
Jan 5 2022	-81.69250	35.93749	63.53	-7.41	437537.03	3977236.34	2867.2	49812.36	49691.63	120.74	112.85
Jan 5 2022	-81.69249	35.93748	63.53	-7.41	437537.98	3977235.11	2868.7	49802.84	49691.62	111.21	126.40
Jan 5 2022	-81.69248	35.93746	63.53	-7.41	437538.84	3977233.79	2870.3	49792.98	49691.62	101.36	137.99
Jan 5 2022	-81.69247	35.93745	63.53	-7.41	437539.75	3977232.47	2871.9	49783.14	49691.61	91.53	148.43
Jan 5 2022	-81.69246	35.93744	63.53	-7.41	437540.59	3977231.15	2873.5	49771.81	49691.60	80.21	158.44
Jan 5 2022	-81.69245	35.93743	63.53	-7.41	437541.44	3977229.76	2875.1	49760.32	49691.59	68.73	167.65
Jan 5 2022	-81.69244	35.93741	63.53	-7.41	437542.37	3977228.19	2876.9	49751.40	49691.59	59.81	174.96
Jan 5 2022	-81.69243	35.93740	63.53	-7.41	437543.24	3977226.87	2878.5	49741.84	49691.58	50.26	179.65
Jan 5 2022	-81.69242	35.93739	63.53	-7.41	437544.11	3977225.87	2879.8	49735.43	49691.58	43.85	182.15
Jan 5 2022	-81.69241	35.93738	63.53	-7.41	437545.04	3977224.98	2881.1	49729.39	49691.57	37.81	182.82
Jan 5 2022	-81.69240	35.93737	63.53	-7.41	437546.12	3977223.93	2882.5	49714.88	49691.57	23.32	182.81
Jan 5 2022	-81.69238	35.93736	63.53	-7.41	437547.28	3977222.68	2884.2	49701.98	49691.56	10.41	181.67
Jan 5 2022	-81.69237	35.93735	63.53	-7.41	437548.30	3977221.39	2885.9	49694.59	49691.56	3.03	178.62
Jan 5 2022	-81.69236	35.93734	63.53	-7.41	437549.11	3977220.14	2887.4	49688.44	49691.55	-3.11	173.88

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69236	35.93733	63.53	-7.41	437549.77	3977218.88	2888.8	49675.63	49691.54	-15.90	167.88
Jan 5 2022	-81.69235	35.93732	63.53	-7.41	437550.16	3977217.60	2890.1	49662.14	49691.53	-29.39	161.18
Jan 5 2022	-81.69235	35.93731	63.53	-7.41	437550.52	3977216.35	2891.3	49656.74	49691.53	-34.80	154.33
Jan 5 2022	-81.69234	35.93730	63.53	-7.41	437551.17	3977215.12	2892.7	49641.70	49691.53	-49.83	147.45
Jan 5 2022	-81.69233	35.93729	63.53	-7.41	437552.11	3977214.04	2894.1	49612.39	49691.53	-79.14	140.42
Jan 5 2022	-81.69232	35.93728	63.53	-7.41	437553.12	3977212.85	2895.6	49611.41	49691.52	-80.11	133.82
Jan 5 2022	-81.69231	35.93727	63.53	-7.41	437554.07	3977211.70	2897.1	49677.46	49691.51	-14.05	128.95
Jan 5 2022	-81.69230	35.93726	63.53	-7.41	437555.12	3977210.74	2898.5	49691.88	49691.50	0.38	124.85
Jan 5 2022	-81.69228	35.93725	63.53	-7.41	437556.16	3977209.76	2899.9	49668.17	49691.49	-23.32	120.82
Jan 5 2022	-81.69227	35.93724	63.53	-7.41	437557.23	3977208.56	2901.5	49643.54	49691.48	-47.95	116.53
Jan 5 2022	-81.69226	35.93723	63.53	-7.41	437558.18	3977207.28	2903.1	49616.73	49691.47	-74.74	111.92
Jan 5 2022	-81.69225	35.93722	63.53	-7.41	437558.87	3977206.11	2904.5	49588.33	49691.46	-103.13	107.40
Jan 5 2022	-81.69225	35.93721	63.53	-7.41	437559.69	3977205.01	2905.8	49585.96	49691.44	-105.49	104.51
Jan 5 2022	-81.69224	35.93720	63.53	-7.41	437560.57	3977203.91	2907.2	49613.44	49691.43	-77.99	104.02
Jan 5 2022	-81.69223	35.93719	63.53	-7.41	437561.46	3977202.78	2908.7	49638.11	49691.42	-53.31	96.90
Jan 5 2022	-81.69221	35.93718	63.53	-7.41	437562.45	3977201.92	2909.9	49653.70	49691.41	-37.72	86.65
Jan 5 2022	-81.69220	35.93717	63.53	-7.41	437563.47	3977201.07	2911.2	49671.44	49691.40	-19.97	80.43
Jan 5 2022	-81.69219	35.93716	63.53	-7.41	437564.53	3977200.07	2912.7	49666.91	49691.40	-24.49	74.73
Jan 5 2022	-81.69218	35.93715	63.53	-7.41	437565.39	3977198.97	2914.1	49652.50	49691.38	-38.89	68.50
Jan 5 2022	-81.69217	35.93714	63.53	-7.41	437566.22	3977197.74	2915.5	49644.91	49691.37	-46.46	61.95
Jan 5 2022	-81.69216	35.93713	63.53	-7.41	437567.19	3977196.49	2917.1	49643.39	49691.36	-47.97	55.38
Jan 5 2022	-81.69215	35.93712	63.53	-7.41	437568.11	3977195.17	2918.7	49634.08	49691.34	-57.26	48.74
Jan 5 2022	-81.69214	35.93710	63.53	-7.41	437569.14	3977193.77	2920.5	49611.36	49691.33	-79.96	41.86
Jan 5 2022	-81.69213	35.93709	63.53	-7.41	437570.04	3977192.39	2922.1	49595.29	49691.32	-96.03	34.91
Jan 5 2022	-81.69212	35.93708	63.53	-7.41	437570.75	3977191.16	2923.5	49591.27	49691.31	-100.04	28.14

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69211	35.93707	63.53	-7.41	437571.46	3977190.07	2924.8	49586.22	49691.29	-105.07	21.52
Jan 5 2022	-81.69211	35.93706	63.53	-7.41	437572.18	3977188.92	2926.2	49570.74	49691.28	-120.53	14.80
Jan 5 2022	-81.69210	35.93705	63.53	-7.41	437572.86	3977187.59	2927.7	49561.40	49691.26	-129.87	8.07
Jan 5 2022	-81.69209	35.93704	63.53	-7.41	437573.51	3977186.09	2929.3	49554.09	49691.26	-137.17	1.40
Jan 5 2022	-81.69208	35.93702	63.53	-7.41	437574.00	3977184.64	2930.7	49551.27	49691.25	-139.98	-5.13
Jan 5 2022	-81.69208	35.93701	63.53	-7.41	437574.48	3977183.45	2932.0	49551.12	49691.23	-140.12	-11.46
Jan 5 2022	-81.69207	35.93700	63.53	-7.41	437575.25	3977182.14	2933.5	49548.04	49691.22	-143.18	-17.67
Jan 5 2022	-81.69206	35.93699	63.53	-7.41	437575.89	3977180.75	2935.0	49540.24	49691.21	-150.97	-23.84
Jan 5 2022	-81.69206	35.93697	63.53	-7.41	437576.23	3977179.20	2936.5	49541.88	49691.20	-149.31	-29.77
Jan 5 2022	-81.69205	35.93696	63.53	-7.41	437576.65	3977177.20	2938.3	49547.35	49691.17	-143.83	-35.39
Jan 5 2022	-81.69205	35.93694	63.53	-7.41	437577.36	3977175.52	2940.1	49553.40	49691.15	-137.76	-40.72
Jan 5 2022	-81.69204	35.93693	63.53	-7.41	437578.23	3977174.18	2941.7	49555.91	49691.14	-135.23	-45.84
Jan 5 2022	-81.69202	35.93691	63.53	-7.41	437579.41	3977172.65	2943.7	49560.33	49691.13	-130.80	-50.68
Jan 5 2022	-81.69201	35.93690	63.53	-7.41	437580.52	3977171.21	2945.5	49566.36	49691.13	-124.77	-55.21
Jan 5 2022	-81.69200	35.93689	63.53	-7.41	437581.19	3977169.98	2946.9	49563.93	49691.13	-127.20	-59.58
Jan 5 2022	-81.69200	35.93688	63.53	-7.41	437581.77	3977168.68	2948.3	49567.68	49691.12	-123.45	-63.65
Jan 5 2022	-81.69199	35.93687	63.53	-7.41	437582.23	3977167.30	2949.7	49559.26	49691.12	-131.86	-67.67
Jan 5 2022	-81.69199	35.93686	63.53	-7.41	437582.62	3977166.05	2950.9	49528.46	49691.11	-162.65	-72.11
Jan 5 2022	-81.69198	35.93684	63.53	-7.41	437583.05	3977164.88	2952.1	49505.57	49691.10	-185.53	-76.83
Jan 5 2022	-81.69198	35.93683	63.53	-7.41	437583.34	3977163.47	2953.4	49497.00	49691.09	-194.08	-81.59
Jan 5 2022	-81.69198	35.93682	63.53	-7.41	437583.68	3977161.82	2955.0	49524.17	49691.08	-166.91	-85.68
Jan 5 2022	-81.69197	35.93680	63.53	-7.41	437584.23	3977160.35	2956.5	49568.86	49691.07	-122.22	-88.59
Jan 5 2022	-81.69197	35.93679	63.53	-7.41	437584.59	3977159.25	2957.6	49611.55	49691.07	-79.52	-90.39
Jan 5 2022	-81.69196	35.93678	63.53	-7.41	437584.92	3977158.06	2958.8	49644.60	49691.06	-46.46	-91.38
Jan 5 2022	-81.69195	35.93677	63.53	-7.41	437585.54	3977156.57	2960.4	49675.14	49691.05	-15.92	-91.64

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.69195	35.93676	63.53	-7.41	437586.17	3977155.08	2961.9	49704.52	49691.05	13.47	-91.05	
Jan 5 2022	-81.69194	35.93674	63.53	-7.41	437586.54	3977153.63	2963.3	49712.50	49691.04	21.46	-90.03	
Jan 5 2022	-81.69194	35.93673	63.53	-7.41	437586.79	3977152.13	2964.7	49712.57	49691.04	21.53	-88.91	
Jan 5 2022	-81.69194	35.93672	63.53	-7.41	437586.94	3977150.64	2966.0	49705.53	49691.03	14.50	-87.62	
Jan 5 2022	-81.69194	35.93670	63.53	-7.41	437586.85	3977149.21	2967.2	49695.89	49691.03	4.86	-85.94	
Jan 5 2022	-81.69194	35.93669	63.53	-7.41	437586.82	3977147.84	2968.3	49689.40	49691.02	-1.62	-84.37	
Jan 5 2022	-81.69194	35.93668	63.53	-7.41	437586.79	3977146.42	2969.4	49666.59	49691.02	-24.43	-84.58	
Jan 5 2022	-81.69194	35.93666	63.53	-7.41	437586.64	3977144.90	2970.6	49640.63	49691.02	-50.39	-85.59	
Jan 5 2022	-81.69194	35.93665	63.53	-7.41	437586.53	3977143.44	2971.7	49618.18	49691.01	-72.83	-86.58	
Jan 5 2022	-81.69194	35.93664	63.53	-7.41	437586.62	3977142.10	2972.9	49607.86	49691.00	-83.14	-87.29	
Jan 5 2022	-81.69194	35.93663	63.53	-7.41	437586.86	3977140.79	2974.1	49601.61	49691.00	-89.39	-87.58	
Jan 5 2022	-81.69194	35.93661	63.53	-7.41	437587.12	3977139.32	2975.4	49593.05	49690.99	-97.95	-87.48	
Jan 5 2022	-81.69193	35.93660	63.53	-7.41	437587.39	3977137.89	2976.8	49596.66	49690.99	-94.32	-87.25	
Jan 5 2022	-81.69193	35.93659	63.53	-7.41	437587.55	3977136.54	2978.0	49608.08	49690.98	-82.90	-87.35	
Jan 5 2022	-81.69193	35.93658	63.53	-7.41	437587.83	3977135.08	2979.3	49613.52	49690.96	-77.44	-87.84	
Jan 5 2022	-81.69193	35.93656	63.53	-7.41	437588.01	3977133.60	2980.7	49615.14	49690.96	-75.82	-88.60	
Jan 5 2022	-81.69193	35.93655	63.53	-7.41	437587.98	3977132.17	2981.8	49619.79	49690.95	-71.15	-89.62	
Jan 5 2022	-81.69192	35.93654	63.53	-7.41	437588.18	3977130.87	2983.0	49630.31	49690.94	-60.63	-90.34	
Jan 5 2022	-81.69192	35.93653	63.53	-7.41	437588.53	3977129.47	2984.4	49641.86	49690.93	-49.07	-90.55	
Jan 5 2022	-81.69192	35.93651	63.53	-7.41	437588.87	3977127.91	2985.8	49635.21	49690.92	-55.71	-90.73	
Jan 5 2022	-81.69191	35.93650	63.53	-7.41	437589.25	3977126.43	2987.3	49632.60	49690.91	-58.31	-90.94	
Jan 5 2022	-81.69191	35.93649	63.53	-7.41	437589.58	3977124.99	2988.6	49641.73	49690.90	-49.18	-90.78	
Jan 5 2022	-81.69190	35.93647	63.53	-7.41	437589.99	3977123.50	2990.1	49655.98	49690.90	-34.92	-89.88	
Jan 5 2022	-81.69190	35.93646	63.53	-7.41	437590.53	3977122.06	2991.6	49670.08	49690.91	-20.83	-88.37	
Jan 5 2022	-81.69189	35.93645	63.53	-7.41	437590.93	3977120.69	2993.0	49687.84	49690.90	-3.07	-86.43	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69189	35.93643	63.53	-7.41	437591.40	3977119.27	2994.4	49693.98	49690.89	3.09	-84.27
Jan 5 2022	-81.69188	35.93642	63.53	-7.41	437591.90	3977117.70	2996.0	49690.78	49690.89	-0.11	-81.86
Jan 5 2022	-81.69188	35.93641	63.53	-7.41	437592.29	3977116.13	2997.5	49686.30	49690.89	-4.59	-79.36
Jan 5 2022	-81.69187	35.93639	63.53	-7.41	437592.71	3977114.69	2998.9	49681.22	49690.88	-9.66	-76.81
Jan 5 2022	-81.69187	35.93638	63.53	-7.41	437592.86	3977113.25	3000.2	49676.96	49690.88	-13.91	-74.28
Jan 5 2022	-81.69187	35.93637	63.53	-7.41	437592.77	3977111.73	3001.4	49664.31	49690.87	-26.56	-72.01
Jan 5 2022	-81.69187	35.93635	63.53	-7.41	437592.87	3977110.26	3002.7	49664.09	49690.87	-26.78	-69.69
Jan 5 2022	-81.69187	35.93634	63.53	-7.41	437593.14	3977108.83	3004.0	49678.20	49690.85	-12.65	-66.92
Jan 5 2022	-81.69186	35.93633	63.53	-7.41	437593.50	3977107.30	3005.5	49693.40	49690.84	2.56	-63.88
Jan 5 2022	-81.69186	35.93631	63.53	-7.41	437593.82	3977105.83	3006.8	49716.04	49690.83	25.21	-60.50
Jan 5 2022	-81.69186	35.93630	63.53	-7.41	437594.17	3977104.48	3008.2	49731.09	49690.83	40.27	-56.94
Jan 5 2022	-81.69185	35.93629	63.53	-7.41	437594.46	3977103.09	3009.5	49744.86	49690.82	54.04	-53.16
Jan 5 2022	-81.69185	35.93628	63.53	-7.41	437594.73	3977101.69	3010.8	49755.21	49690.82	64.39	-49.25
Jan 5 2022	-81.69185	35.93626	63.53	-7.41	437595.00	3977100.43	3012.0	49761.67	49690.82	70.85	-45.34
Jan 5 2022	-81.69184	35.93625	63.53	-7.41	437595.32	3977099.16	3013.2	49765.84	49690.82	75.02	-41.29
Jan 5 2022	-81.69184	35.93624	63.53	-7.41	437595.86	3977097.86	3014.6	49769.48	49690.82	78.66	-37.25
Jan 5 2022	-81.69183	35.93623	63.53	-7.41	437596.32	3977096.34	3016.1	49771.25	49690.80	80.44	-33.01
Jan 5 2022	-81.69183	35.93621	63.53	-7.41	437596.79	3977094.74	3017.7	49767.35	49690.79	76.56	-28.22
Jan 5 2022	-81.69182	35.93620	63.53	-7.41	437597.41	3977093.30	3019.2	49759.07	49690.78	68.28	-23.15
Jan 5 2022	-81.69181	35.93619	63.53	-7.41	437597.78	3977091.90	3020.6	49748.27	49690.78	57.49	-18.11
Jan 5 2022	-81.69181	35.93618	63.53	-7.41	437597.84	3977090.53	3021.8	49735.23	49690.77	44.46	-13.89
Jan 5 2022	-81.69181	35.93616	63.53	-7.41	437597.96	3977089.01	3023.1	49718.60	49690.76	27.84	-10.89
Jan 5 2022	-81.69181	35.93615	63.53	-7.41	437598.30	3977087.40	3024.6	49702.50	49690.75	11.74	-9.06
Jan 5 2022	-81.69180	35.93613	63.53	-7.41	437598.86	3977085.86	3026.2	49688.13	49690.75	-2.63	-8.18
Jan 5 2022	-81.69179	35.93612	63.53	-7.41	437599.49	3977084.36	3027.8	49685.25	49690.75	-5.50	-7.98

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69179	35.93611	63.53	-7.41	437600.10	3977082.96	3029.3	49680.66	49690.75	-10.09	-8.45
Jan 5 2022	-81.69178	35.93610	63.53	-7.41	437600.57	3977081.65	3030.6	49684.27	49690.74	-6.47	-9.01
Jan 5 2022	-81.69178	35.93608	63.53	-7.41	437600.97	3977080.43	3031.9	49687.23	49690.73	-3.50	-9.51
Jan 5 2022	-81.69177	35.93607	63.53	-7.41	437601.50	3977079.22	3033.2	49672.97	49690.72	-17.75	-10.15
Jan 5 2022	-81.69176	35.93606	63.53	-7.41	437602.21	3977077.86	3034.7	49654.61	49690.71	-36.10	-10.97
Jan 5 2022	-81.69176	35.93605	63.53	-7.41	437602.70	3977076.45	3036.1	49656.95	49690.70	-33.75	-11.61
Jan 5 2022	-81.69176	35.93604	63.53	-7.41	437602.87	3977075.05	3037.4	49673.42	49690.69	-17.27	-11.47
Jan 5 2022	-81.69176	35.93602	63.53	-7.41	437602.90	3977073.50	3038.7	49686.55	49690.69	-4.14	-10.54
Jan 5 2022	-81.69175	35.93601	63.53	-7.41	437602.96	3977071.87	3040.1	49698.83	49690.69	8.14	-8.93
Jan 5 2022	-81.69175	35.93599	63.53	-7.41	437603.40	3977070.35	3041.6	49713.97	49690.68	23.29	-6.80
Jan 5 2022	-81.69174	35.93598	63.53	-7.41	437604.03	3977069.00	3043.0	49723.02	49690.68	32.35	-4.36
Jan 5 2022	-81.69174	35.93597	63.53	-7.41	437604.58	3977067.62	3044.5	49727.49	49690.67	36.82	-1.67
Jan 5 2022	-81.69173	35.93596	63.53	-7.41	437605.14	3977066.34	3045.9	49727.59	49690.66	36.93	0.96
Jan 5 2022	-81.69172	35.93595	63.53	-7.41	437605.78	3977065.06	3047.3	49725.20	49690.65	34.54	3.31
Jan 5 2022	-81.69172	35.93593	63.53	-7.41	437606.31	3977063.65	3048.8	49718.36	49690.64	27.72	5.41
Jan 5 2022	-81.69171	35.93592	63.53	-7.41	437606.74	3977062.28	3050.1	49702.56	49690.63	11.93	7.17
Jan 5 2022	-81.69171	35.93591	63.53	-7.41	437607.17	3977060.81	3051.6	49679.97	49690.62	-10.65	8.38
Jan 5 2022	-81.69170	35.93589	63.53	-7.41	437607.50	3977059.33	3053.0	49628.84	49690.61	-61.77	8.35
Jan 5 2022	-81.69170	35.93588	63.53	-7.41	437607.81	3977057.72	3054.5	49485.79	49690.60	-204.81	5.24
Jan 5 2022	-81.69170	35.93586	63.53	-7.41	437608.11	3977055.99	3056.1	49312.27	49690.59	-378.32	-1.21
Jan 5 2022	-81.69169	35.93585	63.53	-7.41	437608.52	3977054.42	3057.6	49368.48	49690.59	-322.11	-6.49
Jan 5 2022	-81.69169	35.93584	63.53	-7.41	437609.11	3977052.92	3059.2	49533.86	49690.59	-156.73	-8.64
Jan 5 2022	-81.69168	35.93582	63.53	-7.41	437609.58	3977051.31	3060.8	49709.44	49690.58	18.86	-7.57
Jan 5 2022	-81.69168	35.93581	63.53	-7.41	437609.84	3977049.74	3062.3	49849.01	49690.57	158.44	-3.98
Jan 5 2022	-81.69167	35.93580	63.53	-7.41	437610.19	3977048.39	3063.6	49846.80	49690.56	156.24	-0.79

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total	IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)			Running Average (nT)
Jan 5 2022	-81.69167	35.93579	63.53	-7.41	437610.76	3977047.15	3064.9	49754.01	49690.55	63.46	0.41
Jan 5 2022	-81.69166	35.93577	63.53	-7.41	437611.35	3977045.92	3066.3	49620.26	49690.53	-70.27	-0.99
Jan 5 2022	-81.69165	35.93576	63.53	-7.41	437612.00	3977044.56	3067.8	49423.25	49690.52	-267.27	-6.24
Jan 5 2022	-81.69165	35.93575	63.53	-7.41	437612.57	3977043.23	3069.2	49268.36	49690.51	-422.15	-14.49
Jan 5 2022	-81.69164	35.93574	63.53	-7.41	437612.91	3977041.85	3070.5	49592.03	49690.50	-98.48	-16.18
Jan 5 2022	-81.69162	35.93570	63.53	-7.41	437614.64	3977037.36	3075.2	50621.35	49690.48	930.87	2.96
Jan 5 2022	-81.69162	35.93568	63.53	-7.41	437614.97	3977035.67	3076.8	49882.02	49690.48	191.54	7.33
Jan 5 2022	-81.69161	35.93567	63.53	-7.41	437615.54	3977034.17	3078.4	49376.41	49690.49	-314.07	1.30
Jan 5 2022	-81.69160	35.93566	63.53	-7.41	437616.30	3977032.72	3080.0	48953.02	49690.49	-737.47	-13.50
Jan 5 2022	-81.69158	35.93559	63.53	-7.41	437618.63	3977025.51	3087.3	48888.09	49690.47	-802.37	-30.05
Jan 5 2022	-81.69157	35.93558	63.53	-7.41	437619.15	3977023.90	3088.9	48959.90	49690.45	-730.56	-45.47
Jan 5 2022	-81.69157	35.93556	63.53	-7.41	437619.38	3977022.29	3090.4	48940.13	49690.44	-750.31	-61.55
Jan 5 2022	-81.69157	35.93555	63.53	-7.41	437619.49	3977020.77	3091.7	48950.92	49690.44	-739.52	-77.63
Jan 5 2022	-81.69157	35.93553	63.53	-7.41	437619.61	3977019.30	3093.0	49046.12	49690.43	-644.31	-91.93
Jan 5 2022	-81.69156	35.93552	63.53	-7.41	437619.73	3977017.78	3094.3	49222.94	49690.42	-467.48	-102.78
Jan 5 2022	-81.69156	35.93551	63.53	-7.41	437620.14	3977016.46	3095.6	49379.14	49690.42	-311.28	-110.58
Jan 5 2022	-81.69155	35.93550	63.53	-7.41	437620.97	3977015.35	3097.0	49492.08	49690.41	-198.33	-116.16
Jan 5 2022	-81.69154	35.93549	63.53	-7.41	437621.68	3977014.18	3098.4	49566.71	49690.41	-123.70	-120.16
Jan 5 2022	-81.69154	35.93548	63.53	-7.41	437622.17	3977012.90	3099.7	49615.50	49690.40	-74.90	-123.03
Jan 5 2022	-81.69153	35.93546	63.53	-7.41	437622.86	3977011.52	3101.2	49654.94	49690.39	-35.45	-124.89
Jan 5 2022	-81.69152	35.93545	63.53	-7.41	437623.64	3977010.07	3102.9	49712.87	49690.39	22.48	-125.33
Jan 5 2022	-81.69151	35.93544	63.53	-7.41	437624.27	3977008.51	3104.5	49783.67	49690.38	93.29	-124.02
Jan 5 2022	-81.69151	35.93542	63.53	-7.41	437624.84	3977006.87	3106.2	49857.00	49690.36	166.63	-120.92
Jan 5 2022	-81.69150	35.93541	63.53	-7.41	437625.25	3977005.27	3107.8	49907.19	49690.35	216.84	-116.53
Jan 5 2022	-81.69150	35.93539	63.53	-7.41	437625.65	3977003.69	3109.3	49931.92	49690.34	241.58	-111.59

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69149	35.93538	63.53	-7.41	437625.93	3977002.25	3110.7	49943.92	49690.32	253.60	-106.31
Jan 5 2022	-81.69149	35.93537	63.53	-7.41	437626.04	3977000.94	3111.8	49950.62	49690.31	260.31	-100.98
Jan 5 2022	-81.69149	35.93536	63.53	-7.41	437626.52	3976999.40	3113.3	49947.63	49690.30	257.34	-95.76
Jan 5 2022	-81.69148	35.93534	63.53	-7.41	437627.09	3976997.97	3114.9	49938.57	49690.28	248.29	-90.44
Jan 5 2022	-81.69148	35.93533	63.53	-7.41	437627.51	3976996.67	3116.2	49928.51	49690.26	238.25	-84.95
Jan 5 2022	-81.69147	35.93532	63.53	-7.41	437628.02	3976995.35	3117.6	49917.65	49690.25	227.41	-79.73
Jan 5 2022	-81.69147	35.93531	63.53	-7.41	437628.27	3976994.08	3118.8	49906.89	49690.24	216.66	-75.05
Jan 5 2022	-81.69147	35.93530	63.53	-7.41	437628.30	3976992.78	3119.8	49898.84	49690.23	208.61	-70.80
Jan 5 2022	-81.69147	35.93528	63.53	-7.41	437628.49	3976991.42	3121.1	49889.35	49690.21	199.13	-66.98
Jan 5 2022	-81.69146	35.93527	63.53	-7.41	437628.75	3976990.06	3122.4	49875.62	49690.20	185.42	-63.74
Jan 5 2022	-81.69146	35.93526	63.53	-7.41	437629.09	3976988.62	3123.7	49854.04	49690.19	163.85	-61.11
Jan 5 2022	-81.69145	35.93525	63.53	-7.41	437629.60	3976987.10	3125.3	49814.07	49690.18	123.89	-59.36
Jan 5 2022	-81.69145	35.93523	63.53	-7.41	437630.19	3976985.65	3126.8	49702.89	49690.18	12.71	-59.85
Jan 5 2022	-81.69144	35.93522	63.53	-7.41	437630.68	3976984.24	3128.3	49480.35	49690.16	-209.81	-64.74
Jan 5 2022	-81.69143	35.93521	63.53	-7.41	437631.42	3976982.77	3129.9	49363.39	49690.15	-326.75	-71.82
Jan 5 2022	-81.69142	35.93519	63.53	-7.41	437632.19	3976981.22	3131.6	49483.15	49690.14	-206.99	-76.20
Jan 5 2022	-81.69142	35.93518	63.53	-7.41	437632.64	3976979.67	3133.2	49681.09	49690.13	-9.04	-76.17
Jan 5 2022	-81.69141	35.93516	63.53	-7.41	437633.08	3976978.17	3134.7	49901.93	49690.12	211.82	-70.70
Jan 5 2022	-81.69141	35.93515	63.53	-7.41	437633.54	3976976.70	3136.1	50140.43	49690.10	450.32	-57.60
Jan 5 2022	-81.69140	35.93514	63.53	-7.41	437634.16	3976975.12	3137.8	50123.51	49690.09	433.42	-41.36
Jan 5 2022	-81.69139	35.93512	63.53	-7.41	437634.88	3976973.48	3139.6	49993.90	49690.08	303.82	-28.84
Jan 5 2022	-81.69139	35.93511	63.53	-7.41	437635.33	3976971.86	3141.2	49861.37	49690.06	171.30	-22.28
Jan 5 2022	-81.69138	35.93510	63.53	-7.41	437635.81	3976970.51	3142.5	49722.77	49690.05	32.72	-22.01
Jan 5 2022	-81.69137	35.93509	63.53	-7.41	437636.61	3976969.30	3144.0	49549.61	49690.05	-140.44	-27.98
Jan 5 2022	-81.69136	35.93507	63.53	-7.41	437637.44	3976968.06	3145.5	49336.06	49690.05	-353.99	-38.19

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69136	35.93506	63.53	-7.41	437638.12	3976966.74	3147.0	49080.19	49690.04	-609.86	-51.65
Jan 5 2022	-81.69135	35.93505	63.53	-7.41	437638.67	3976965.24	3148.5	48941.24	49690.03	-748.80	-65.22
Jan 5 2022	-81.69135	35.93504	63.53	-7.41	437639.14	3976963.87	3149.9	48831.82	49690.03	-858.21	-77.04
Jan 5 2022	-81.69134	35.93502	63.53	-7.41	437639.52	3976962.59	3151.2	48715.30	49690.02	-974.72	-88.09
Jan 5 2022	-81.69133	35.93499	63.53	-7.41	437640.47	3976958.41	3155.2	48862.95	49689.99	-827.04	-102.67
Jan 5 2022	-81.69133	35.93497	63.53	-7.41	437640.61	3976956.89	3156.6	49207.96	49689.98	-482.02	-130.92
Jan 5 2022	-81.69132	35.93496	63.53	-7.41	437640.95	3976955.40	3158.0	49419.43	49689.97	-270.54	-140.17
Jan 5 2022	-81.69132	35.93495	63.53	-7.41	437641.30	3976953.90	3159.4	49521.06	49689.97	-168.91	-137.26
Jan 5 2022	-81.69132	35.93493	63.53	-7.41	437641.81	3976952.42	3160.9	49541.27	49689.96	-148.68	-125.49
Jan 5 2022	-81.69131	35.93492	63.53	-7.41	437642.49	3976951.04	3162.5	49476.35	49689.95	-213.60	-113.71
Jan 5 2022	-81.69130	35.93491	63.53	-7.41	437643.36	3976949.67	3164.1	49317.14	49689.95	-372.82	-106.56
Jan 5 2022	-81.69129	35.93490	63.53	-7.41	437644.15	3976948.30	3165.7	49014.88	49689.95	-675.07	-105.05
Jan 5 2022	-81.69128	35.93488	63.53	-7.41	437644.61	3976946.88	3167.1	49208.73	49689.94	-481.21	-99.89
Jan 5 2022	-81.69128	35.93487	63.53	-7.41	437644.92	3976945.49	3168.4	50016.14	49689.94	326.20	-80.47
Jan 5 2022	-81.69128	35.93486	63.53	-7.41	437645.22	3976944.22	3169.7	50177.12	49689.93	487.18	-61.38
Jan 5 2022	-81.69127	35.93485	63.53	-7.41	437645.40	3976942.75	3171.0	50127.68	49689.92	437.76	-46.40
Jan 5 2022	-81.69127	35.93483	63.53	-7.41	437645.53	3976941.19	3172.4	50077.24	49689.90	387.33	-34.69
Jan 5 2022	-81.69127	35.93482	63.53	-7.41	437645.69	3976939.95	3173.5	50036.31	49689.89	346.41	-25.29
Jan 5 2022	-81.69127	35.93481	63.53	-7.41	437645.74	3976938.82	3174.5	50006.45	49689.88	316.57	-17.46
Jan 5 2022	-81.69127	35.93480	63.53	-7.41	437645.74	3976937.55	3175.5	49982.73	49689.87	292.86	-10.89
Jan 5 2022	-81.69127	35.93479	63.53	-7.41	437645.70	3976936.18	3176.6	49964.51	49689.85	274.66	-5.85
Jan 5 2022	-81.69127	35.93477	63.53	-7.41	437645.80	3976934.58	3178.0	49950.31	49689.84	260.47	-2.50
Jan 5 2022	-81.69127	35.93476	63.53	-7.41	437646.16	3976933.03	3179.5	49937.84	49689.83	248.01	-0.87
Jan 5 2022	-81.69126	35.93475	63.53	-7.41	437646.25	3976931.87	3180.5	49926.77	49689.82	236.95	-0.47
Jan 5 2022	-81.69126	35.93474	63.53	-7.41	437646.35	3976930.51	3181.7	49919.62	49689.81	229.81	-0.71

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.69126	35.93472	63.53	-7.41	437646.66	3976929.03	3183.1	49913.97	49689.80	224.17	-1.30
Jan 5 2022	-81.69126	35.93471	63.53	-7.41	437647.02	3976927.72	3184.4	49905.10	49689.79	215.31	-2.20
Jan 5 2022	-81.69125	35.93470	63.53	-7.41	437647.35	3976926.13	3185.9	49892.67	49689.78	202.89	-3.29
Jan 5 2022	-81.69125	35.93468	63.53	-7.41	437647.60	3976924.47	3187.5	49880.53	49689.76	190.76	-4.44
Jan 5 2022	-81.69124	35.93467	63.53	-7.41	437648.04	3976922.91	3189.0	49873.62	49689.74	183.88	-5.52
Jan 5 2022	-81.69124	35.93465	63.53	-7.41	437648.37	3976921.33	3190.5	49868.17	49689.72	178.45	-6.50
Jan 5 2022	-81.69124	35.93464	63.53	-7.41	437648.52	3976919.77	3191.9	49860.96	49689.71	171.25	-7.41
Jan 5 2022	-81.69123	35.93463	63.53	-7.41	437648.81	3976918.37	3193.2	49853.27	49689.69	163.58	-8.31
Jan 5 2022	-81.69123	35.93462	63.53	-7.41	437649.10	3976917.19	3194.4	49847.11	49689.67	157.43	-9.15
Jan 5 2022	-81.69123	35.93460	63.53	-7.41	437649.32	3976915.95	3195.5	49843.66	49689.66	154.00	-9.77
Jan 5 2022	-81.69123	35.93459	63.53	-7.41	437649.48	3976914.46	3196.9	49842.13	49689.63	152.50	-10.00
Jan 5 2022	-81.69122	35.93458	63.53	-7.41	437650.03	3976912.92	3198.5	49836.46	49689.61	146.85	-9.54
Jan 5 2022	-81.69121	35.93456	63.53	-7.41	437650.87	3976911.41	3200.2	49831.74	49689.59	142.15	-6.95
Jan 5 2022	-81.69120	35.93455	63.53	-7.41	437651.67	3976909.68	3202.1	49827.29	49689.56	137.73	0.00
Jan 5 2022	-81.69119	35.93453	63.53	-7.41	437652.55	3976907.93	3204.0	49823.66	49689.54	134.11	9.22
Jan 5 2022	-81.69119	35.93452	63.53	-7.41	437653.18	3976906.21	3205.8	49820.27	49689.53	130.75	15.97
Jan 5 2022	-81.69118	35.93450	63.53	-7.41	437653.37	3976904.46	3207.4	49816.89	49689.51	127.38	18.70
Jan 5 2022	-81.69118	35.93449	63.53	-7.41	437653.37	3976902.84	3208.7	49813.18	49689.50	123.68	16.94
Jan 5 2022	-81.69118	35.93447	63.53	-7.41	437653.25	3976901.34	3209.9	49808.81	49689.48	119.34	10.32
Jan 5 2022	-81.69118	35.93446	63.53	-7.41	437653.25	3976899.89	3211.1	49805.01	49689.45	115.56	3.96
Jan 5 2022	-81.69118	35.93445	63.53	-7.41	437653.51	3976898.33	3212.6	49801.41	49689.43	111.98	0.12
Jan 5 2022	-81.69118	35.93443	63.53	-7.41	437653.83	3976896.72	3214.1	49798.77	49689.41	109.36	-1.12
Jan 5 2022	-81.69117	35.93442	63.53	-7.41	437654.30	3976895.09	3215.7	49795.45	49689.39	106.06	0.35
Jan 5 2022	-81.69117	35.93440	63.53	-7.41	437654.78	3976893.62	3217.2	49792.49	49689.37	103.12	5.22
Jan 5 2022	-81.69116	35.93439	63.53	-7.41	437655.13	3976892.25	3218.6	49789.25	49689.36	99.89	14.30

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total	IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)			Running Average (nT)
Jan 5 2022	-81.69116	35.93438	63.53	-7.41	437655.56	3976890.83	3220.0	49784.99	49689.35	95.64	28.41
Jan 5 2022	-81.69115	35.93436	63.53	-7.41	437656.19	3976889.28	3221.6	49780.32	49689.33	90.98	45.20
Jan 5 2022	-81.69115	35.93435	63.53	-7.41	437656.66	3976887.73	3223.2	49775.99	49689.32	86.67	64.10
Jan 5 2022	-81.69114	35.93434	63.53	-7.41	437656.74	3976886.27	3224.4	49772.22	49689.31	82.91	85.25
Jan 5 2022	-81.69114	35.93432	63.53	-7.41	437656.73	3976884.74	3225.7	49762.49	49689.30	73.19	103.26
Jan 5 2022	-81.69114	35.93431	63.53	-7.41	437656.95	3976883.16	3227.2	49770.71	49689.29	81.42	114.53
Jan 5 2022	-81.69114	35.93430	63.53	-7.41	437657.10	3976881.68	3228.5	49769.32	49689.29	80.03	121.54
Jan 5 2022	-81.69114	35.93428	63.53	-7.41	437657.01	3976880.35	3229.6	49763.14	49689.30	73.84	126.39
Jan 5 2022	-81.69114	35.93427	63.53	-7.41	437657.13	3976878.94	3230.8	49759.72	49689.30	70.42	130.78
Jan 5 2022	-81.69113	35.93426	63.53	-7.41	437657.53	3976877.54	3232.2	49751.09	49689.29	61.79	136.28
Jan 5 2022	-81.69113	35.93425	63.53	-7.41	437658.06	3976876.29	3233.5	49663.24	49689.29	-26.05	143.22
Jan 5 2022	-81.69112	35.93424	63.53	-7.41	437658.65	3976875.03	3234.9	49730.86	49689.28	41.58	157.55
Jan 5 2022	-81.69112	35.93422	63.53	-7.41	437659.20	3976873.68	3236.3	49753.60	49689.27	64.33	168.46
Jan 5 2022	-81.69111	35.93421	63.53	-7.41	437660.00	3976872.36	3237.9	49751.43	49689.26	62.17	163.18
Jan 5 2022	-81.69110	35.93420	63.53	-7.41	437660.79	3976871.22	3239.3	49742.06	49689.25	52.81	154.50
Jan 5 2022	-81.69109	35.93419	63.52	-7.41	437661.21	3976870.06	3240.5	49725.97	49689.25	36.72	146.47
Jan 5 2022	-81.69109	35.93418	63.52	-7.41	437661.66	3976868.86	3241.7	49695.66	49689.24	6.42	138.86
Jan 5 2022	-81.69108	35.93417	63.52	-7.41	437662.17	3976867.65	3243.0	49641.59	49689.23	-47.65	130.97
Jan 5 2022	-81.69108	35.93416	63.52	-7.41	437662.64	3976866.28	3244.4	49580.98	49689.22	-108.24	122.48
Jan 5 2022	-81.69107	35.93414	63.52	-7.41	437663.14	3976864.72	3246.0	49569.12	49689.21	-120.09	114.22
Jan 5 2022	-81.69106	35.93413	63.52	-7.41	437663.85	3976863.15	3247.7	49604.48	49689.20	-84.72	107.03
Jan 5 2022	-81.69106	35.93412	63.52	-7.41	437664.36	3976861.79	3249.1	49645.69	49689.19	-43.50	100.95
Jan 5 2022	-81.69106	35.93411	63.52	-7.41	437664.61	3976860.59	3250.3	49684.63	49689.18	-4.55	95.90
Jan 5 2022	-81.69105	35.93410	63.52	-7.41	437665.04	3976859.30	3251.6	49682.28	49689.17	-6.89	91.02
Jan 5 2022	-81.69104	35.93408	63.52	-7.41	437665.72	3976857.82	3253.2	49644.14	49689.16	-45.02	85.53

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69104	35.93407	63.52	-7.41	437666.35	3976856.53	3254.6	49571.18	49689.14	-117.97	78.68
Jan 5 2022	-81.69103	35.93406	63.52	-7.41	437666.87	3976855.52	3255.8	49469.89	49689.13	-219.23	69.99
Jan 5 2022	-81.69102	35.93405	63.52	-7.41	437667.45	3976854.55	3256.9	49717.48	49689.11	28.37	66.50
Jan 5 2022	-81.69101	35.93404	63.52	-7.41	437668.29	3976853.43	3258.3	50161.43	49689.10	472.32	72.13
Jan 5 2022	-81.69100	35.93403	63.52	-7.41	437669.42	3976852.11	3260.0	49890.79	49689.09	201.70	72.49
Jan 5 2022	-81.69099	35.93402	63.52	-7.41	437670.31	3976850.87	3261.5	49681.80	49689.09	-7.29	68.78
Jan 5 2022	-81.69098	35.93401	63.52	-7.41	437671.10	3976849.73	3262.9	49652.23	49689.09	-36.86	64.61
Jan 5 2022	-81.69097	35.93400	63.52	-7.41	437672.07	3976848.60	3264.4	49666.51	49689.08	-22.57	60.89
Jan 5 2022	-81.69096	35.93399	63.52	-7.41	437673.07	3976847.66	3265.7	49681.16	49689.09	-7.93	57.58
Jan 5 2022	-81.69095	35.93398	63.52	-7.41	437673.87	3976846.64	3267.0	49687.68	49689.09	-1.41	54.48
Jan 5 2022	-81.69095	35.93397	63.52	-7.41	437674.38	3976845.70	3268.1	49684.30	49689.09	-4.79	51.33
Jan 5 2022	-81.69094	35.93397	63.52	-7.41	437675.19	3976845.24	3268.9	49672.08	49689.10	-17.02	48.05
Jan 5 2022	-81.69092	35.93397	63.52	-7.41	437676.31	3976844.98	3269.7	49639.02	49689.10	-50.08	44.21
Jan 5 2022	-81.69091	35.93396	63.52	-7.41	437677.46	3976844.63	3270.6	49579.71	49689.11	-109.40	39.27
Jan 5 2022	-81.69090	35.93396	63.52	-7.41	437678.54	3976844.29	3271.5	49454.89	49689.11	-234.22	31.90
Jan 5 2022	-81.69089	35.93396	63.52	-7.41	437679.59	3976844.04	3272.3	49204.64	49689.11	-484.46	19.59
Jan 5 2022	-81.69079	35.93393	63.52	-7.41	437688.81	3976840.60	3280.2	49056.38	49689.13	-632.76	4.39
Jan 5 2022	-81.69074	35.93392	63.52	-7.41	437692.54	3976839.91	3282.8	50013.15	49689.13	324.02	8.40
Jan 5 2022	-81.69051	35.93386	63.52	-7.41	437713.99	3976832.77	3300.6	50307.76	49689.18	618.58	18.38
Jan 5 2022	-81.69049	35.93385	63.52	-7.41	437715.54	3976831.82	3302.2	49979.65	49689.19	290.46	21.88
Jan 5 2022	-81.69047	35.93384	63.52	-7.41	437717.02	3976831.04	3303.7	49784.62	49689.19	95.42	21.55
Jan 5 2022	-81.69045	35.93384	63.52	-7.41	437718.61	3976830.45	3305.0	49647.13	49689.21	-42.08	18.52
Jan 5 2022	-81.69044	35.93383	63.52	-7.41	437720.14	3976829.83	3306.4	49783.12	49689.22	93.90	18.28
Jan 5 2022	-81.69042	35.93383	63.52	-7.41	437721.71	3976829.13	3307.9	49875.95	49689.22	186.73	19.95
Jan 5 2022	-81.69040	35.93382	63.52	-7.41	437723.09	3976828.37	3309.3	49929.36	49689.22	240.14	22.76

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69039	35.93381	63.52	-7.41	437724.09	3976827.46	3310.6	49960.89	49689.22	271.67	26.28
Jan 5 2022	-81.69039	35.93380	63.52	-7.41	437724.80	3976826.42	3311.8	49987.98	49689.22	298.76	30.43
Jan 5 2022	-81.69038	35.93379	63.52	-7.41	437725.50	3976825.38	3313.1	50030.77	49689.22	341.55	35.53
Jan 5 2022	-81.69037	35.93378	63.52	-7.41	437726.35	3976824.38	3314.4	50088.61	49689.22	399.39	41.86
Jan 5 2022	-81.69035	35.93377	63.52	-7.41	437727.58	3976823.30	3315.9	50172.39	49689.22	483.17	50.06
Jan 5 2022	-81.69034	35.93377	63.52	-7.41	437728.59	3976822.34	3317.3	50255.58	49689.21	566.36	59.76
Jan 5 2022	-81.69033	35.93376	63.52	-7.41	437729.29	3976821.47	3318.4	50330.61	49689.21	641.40	70.98
Jan 5 2022	-81.69033	35.93375	63.52	-7.41	437730.09	3976820.52	3319.7	50401.81	49689.20	712.61	83.76
Jan 5 2022	-81.69032	35.93374	63.52	-7.41	437730.95	3976819.49	3321.0	50431.83	49689.19	742.64	97.20
Jan 5 2022	-81.69031	35.93373	63.52	-7.41	437731.66	3976818.45	3322.2	50436.24	49689.17	747.07	110.91
Jan 5 2022	-81.69030	35.93372	63.52	-7.41	437732.36	3976817.39	3323.5	50439.29	49689.17	750.12	126.43
Jan 5 2022	-81.69029	35.93371	63.52	-7.41	437733.29	3976816.33	3324.9	50431.90	49689.17	742.72	140.46
Jan 5 2022	-81.69028	35.93370	63.52	-7.41	437734.20	3976815.29	3326.3	50424.26	49689.17	735.09	153.87
Jan 5 2022	-81.69027	35.93369	63.52	-7.41	437735.16	3976814.15	3327.8	50406.12	49689.17	716.95	166.97
Jan 5 2022	-81.69026	35.93368	63.52	-7.41	437736.13	3976812.98	3329.3	50379.47	49689.16	690.31	179.72
Jan 5 2022	-81.69025	35.93367	63.52	-7.41	437736.83	3976811.77	3330.7	50352.09	49689.16	662.93	192.24
Jan 5 2022	-81.69025	35.93366	63.52	-7.41	437737.26	3976810.40	3332.1	50328.48	49689.16	639.32	204.90
Jan 5 2022	-81.69024	35.93365	63.52	-7.41	437737.62	3976808.98	3333.4	50306.52	49689.15	617.37	218.20
Jan 5 2022	-81.69024	35.93364	63.52	-7.41	437738.01	3976807.76	3334.7	50290.41	49689.14	601.27	232.39
Jan 5 2022	-81.69023	35.93362	63.52	-7.41	437738.53	3976806.48	3336.0	50268.08	49689.13	578.95	246.37
Jan 5 2022	-81.69022	35.93361	63.52	-7.41	437739.16	3976805.10	3337.5	50239.18	49689.13	550.05	259.07
Jan 5 2022	-81.69022	35.93360	63.52	-7.41	437739.78	3976803.87	3338.9	50215.52	49689.13	526.38	270.46
Jan 5 2022	-81.69021	35.93359	63.52	-7.41	437740.45	3976802.66	3340.3	50196.83	49689.13	507.70	280.71
Jan 5 2022	-81.69020	35.93358	63.52	-7.41	437741.27	3976801.54	3341.7	50115.39	49689.13	426.26	289.37
Jan 5 2022	-81.69019	35.93357	63.52	-7.41	437742.19	3976800.56	3343.0	50084.64	49689.13	395.51	298.18

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.69018	35.93356	63.52	-7.41	437743.37	3976799.76	3344.3	50154.55	49689.13	465.42	309.85
Jan 5 2022	-81.69016	35.93356	63.52	-7.41	437744.64	3976799.06	3345.6	50145.63	49689.13	456.50	323.37
Jan 5 2022	-81.69015	35.93355	63.52	-7.41	437745.75	3976798.13	3347.0	50131.82	49689.13	442.69	331.65
Jan 5 2022	-81.69014	35.93354	63.52	-7.41	437746.80	3976797.17	3348.3	50116.58	49689.13	427.45	330.75
Jan 5 2022	-81.69013	35.93353	63.52	-7.41	437747.63	3976796.27	3349.6	50102.94	49689.12	413.82	335.00
Jan 5 2022	-81.69012	35.93352	63.52	-7.41	437748.29	3976795.17	3350.8	50092.03	49689.12	402.91	343.20
Jan 5 2022	-81.69011	35.93351	63.52	-7.41	437749.19	3976793.93	3352.4	50081.70	49689.12	392.58	351.79
Jan 5 2022	-81.69010	35.93350	63.52	-7.41	437750.28	3976792.77	3353.9	50071.90	49689.11	382.79	359.90
Jan 5 2022	-81.69009	35.93349	63.52	-7.41	437751.18	3976791.68	3355.3	50062.40	49689.10	373.30	367.52
Jan 5 2022	-81.69008	35.93348	63.52	-7.41	437752.02	3976790.66	3356.7	50054.16	49689.09	365.07	374.85
Jan 5 2022	-81.69007	35.93347	63.52	-7.41	437752.99	3976789.78	3357.9	50045.66	49689.09	356.57	382.08
Jan 5 2022	-81.69006	35.93347	63.52	-7.41	437753.94	3976788.89	3359.2	50037.65	49689.08	348.57	389.39
Jan 5 2022	-81.69005	35.93346	63.52	-7.41	437754.76	3976787.89	3360.5	50029.81	49689.07	340.74	397.21
Jan 5 2022	-81.69004	35.93345	63.52	-7.41	437755.49	3976786.93	3361.7	50021.81	49689.06	332.75	406.05
Jan 5 2022	-81.69003	35.93344	63.52	-7.41	437756.68	3976785.77	3363.3	50013.93	49689.06	324.88	417.23
Jan 5 2022	-81.69002	35.93343	63.52	-7.41	437757.80	3976784.66	3364.9	50006.99	49689.05	317.94	433.28
Jan 5 2022	-81.69000	35.93342	63.52	-7.41	437758.82	3976783.83	3366.1	50000.14	49689.04	311.10	452.16
Jan 5 2022	-81.68999	35.93341	63.52	-7.41	437759.93	3976783.10	3367.3	49993.73	49689.03	304.71	451.77
Jan 5 2022	-81.68998	35.93341	63.52	-7.41	437760.87	3976782.28	3368.5	49987.97	49689.02	298.95	445.38
Jan 5 2022	-81.68997	35.93340	63.52	-7.41	437761.81	3976781.27	3369.9	49982.11	49689.02	293.09	445.43
Jan 5 2022	-81.68996	35.93339	63.52	-7.41	437762.60	3976780.10	3371.3	49976.91	49689.02	287.90	449.28
Jan 5 2022	-81.68995	35.93338	63.52	-7.41	437763.39	3976778.80	3372.8	49972.40	49689.01	283.39	455.79
Jan 5 2022	-81.68994	35.93337	63.52	-7.41	437764.32	3976777.69	3374.3	49967.88	49689.01	278.87	459.49
Jan 5 2022	-81.68993	35.93336	63.52	-7.41	437765.41	3976776.50	3375.9	49963.21	49689.00	274.21	461.24
Jan 5 2022	-81.68992	35.93334	63.52	-7.41	437766.52	3976775.23	3377.5	49959.38	49688.98	270.39	461.84

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68991	35.93333	63.52	-7.41	437767.72	3976774.15	3379.1	49947.29	49688.97	258.31	461.58
Jan 5 2022	-81.68989	35.93332	63.52	-7.41	437768.95	3976773.11	3380.6	49939.30	49688.96	250.33	460.61
Jan 5 2022	-81.68988	35.93332	63.52	-7.41	437770.00	3976772.17	3382.0	49945.64	49688.96	256.68	458.91
Jan 5 2022	-81.68987	35.93331	63.52	-7.41	437771.19	3976771.50	3383.2	49942.18	49688.96	253.22	455.99
Jan 5 2022	-81.68985	35.93330	63.52	-7.41	437772.56	3976770.85	3384.5	49937.15	49688.96	248.19	451.29
Jan 5 2022	-81.68984	35.93330	63.52	-7.41	437773.73	3976770.17	3385.7	49931.66	49688.96	242.70	444.81
Jan 5 2022	-81.68982	35.93329	63.52	-7.41	437774.93	3976769.42	3387.0	49925.78	49688.96	236.82	436.72
Jan 5 2022	-81.68981	35.93328	63.52	-7.41	437776.32	3976768.54	3388.5	49918.15	49688.96	229.19	427.05
Jan 5 2022	-81.68979	35.93328	63.52	-7.41	437777.68	3976767.72	3390.0	49907.70	49688.95	218.75	416.58
Jan 5 2022	-81.68978	35.93327	63.52	-7.41	437778.76	3976766.90	3391.3	49894.84	49688.95	205.89	405.75
Jan 5 2022	-81.68977	35.93326	63.52	-7.41	437779.70	3976765.96	3392.6	49878.35	49688.95	189.40	394.54
Jan 5 2022	-81.68976	35.93325	63.52	-7.41	437780.69	3976764.99	3393.9	49860.38	49688.94	171.44	383.11
Jan 5 2022	-81.68975	35.93325	63.52	-7.41	437781.75	3976764.24	3395.1	49836.16	49688.94	147.22	371.35
Jan 5 2022	-81.68973	35.93324	63.52	-7.41	437783.03	3976763.63	3396.3	49827.63	49688.94	138.69	359.79
Jan 5 2022	-81.68972	35.93323	63.52	-7.41	437784.40	3976762.95	3397.7	49855.91	49688.93	166.98	349.32
Jan 5 2022	-81.68971	35.93323	63.52	-7.41	437785.49	3976762.20	3398.9	49946.00	49688.93	257.07	341.21
Jan 5 2022	-81.68970	35.93322	63.52	-7.41	437786.46	3976761.40	3400.1	50041.80	49688.92	352.87	335.48
Jan 5 2022	-81.68968	35.93321	63.52	-7.41	437787.68	3976760.60	3401.4	49958.00	49688.92	269.08	328.51
Jan 5 2022	-81.68967	35.93321	63.52	-7.41	437789.09	3976759.80	3402.9	49889.64	49688.91	200.73	320.50
Jan 5 2022	-81.68965	35.93320	63.52	-7.41	437790.41	3976758.84	3404.4	49884.98	49688.90	196.07	312.84
Jan 5 2022	-81.68964	35.93319	63.52	-7.41	437791.63	3976757.94	3405.8	49895.85	49688.89	206.95	305.98
Jan 5 2022	-81.68962	35.93318	63.52	-7.41	437792.91	3976757.19	3407.2	49899.98	49688.89	211.09	299.67
Jan 5 2022	-81.68961	35.93318	63.52	-7.41	437794.25	3976756.47	3408.5	49899.95	49688.88	211.07	293.74
Jan 5 2022	-81.68959	35.93317	63.52	-7.41	437795.72	3976755.89	3409.8	49897.09	49688.88	208.22	289.38
Jan 5 2022	-81.68958	35.93317	63.52	-7.41	437797.10	3976755.37	3411.0	49894.60	49688.87	205.73	285.59

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.68956	35.93316	63.52	-7.41	437798.36	3976754.80	3412.2	49893.18	49688.86	204.32	280.36
Jan 5 2022	-81.68955	35.93316	63.52	-7.41	437799.71	3976754.15	3413.5	49890.77	49688.86	201.91	275.27
Jan 5 2022	-81.68953	35.93315	63.52	-7.41	437801.02	3976753.56	3414.7	49889.28	49688.86	200.42	270.43
Jan 5 2022	-81.68952	35.93314	63.52	-7.41	437802.30	3976752.90	3416.0	49886.24	49688.85	197.39	265.82
Jan 5 2022	-81.68951	35.93314	63.52	-7.41	437803.32	3976751.94	3417.3	49883.64	49688.85	194.79	261.44
Jan 5 2022	-81.68950	35.93313	63.52	-7.41	437804.40	3976750.76	3418.9	49881.43	49688.85	192.58	257.24
Jan 5 2022	-81.68948	35.93312	63.52	-7.41	437805.61	3976749.67	3420.5	49879.04	49688.84	190.20	253.19
Jan 5 2022	-81.68947	35.93311	63.52	-7.41	437806.93	3976748.77	3422.0	49877.27	49688.84	188.42	249.30
Jan 5 2022	-81.68945	35.93310	63.52	-7.41	437808.35	3976747.99	3423.4	49875.69	49688.84	186.86	245.57
Jan 5 2022	-81.68944	35.93310	63.52	-7.41	437809.61	3976747.51	3424.5	49874.65	49688.83	185.82	241.99
Jan 5 2022	-81.68943	35.93309	63.52	-7.41	437810.79	3976746.98	3425.6	49874.00	49688.82	185.18	238.56
Jan 5 2022	-81.68941	35.93309	63.52	-7.41	437812.01	3976746.30	3426.9	49876.11	49688.81	187.29	235.34
Jan 5 2022	-81.68940	35.93308	63.52	-7.41	437813.31	3976745.62	3428.2	49878.49	49688.81	189.68	232.31
Jan 5 2022	-81.68938	35.93307	63.52	-7.41	437814.68	3976744.75	3429.7	49878.30	49688.81	189.49	229.45
Jan 5 2022	-81.68937	35.93306	63.52	-7.41	437816.06	3976743.94	3431.1	49871.73	49688.81	182.91	226.61
Jan 5 2022	-81.68935	35.93306	63.52	-7.41	437817.29	3976743.02	3432.5	49860.90	49688.81	172.09	223.69
Jan 5 2022	-81.68934	35.93305	63.52	-7.41	437818.49	3976741.95	3434.1	49862.13	49688.80	173.33	220.94
Jan 5 2022	-81.68933	35.93304	63.52	-7.41	437819.65	3976741.02	3435.5	49863.66	49688.79	174.87	218.34
Jan 5 2022	-81.68931	35.93303	63.52	-7.41	437820.83	3976740.16	3436.9	49862.86	49688.79	174.07	215.84
Jan 5 2022	-81.68930	35.93302	63.52	-7.41	437821.98	3976739.28	3438.3	49861.21	49688.79	172.42	213.43
Jan 5 2022	-81.68929	35.93302	63.52	-7.41	437823.01	3976738.56	3439.4	49858.91	49688.78	170.13	211.07
Jan 5 2022	-81.68928	35.93301	63.52	-7.41	437824.15	3976737.99	3440.5	49856.07	49688.77	167.30	208.75
Jan 5 2022	-81.68926	35.93301	63.52	-7.41	437825.48	3976737.43	3441.8	49853.89	49688.76	165.13	206.48
Jan 5 2022	-81.68925	35.93300	63.52	-7.41	437826.82	3976736.83	3443.0	49851.86	49688.76	163.10	204.26
Jan 5 2022	-81.68923	35.93300	63.52	-7.41	437828.21	3976736.27	3444.3	49850.43	49688.76	161.67	202.08

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68921	35.93299	63.52	-7.41	437829.73	3976735.79	3445.5	49847.69	49688.75	158.94	200.09
Jan 5 2022	-81.68920	35.93299	63.52	-7.41	437831.13	3976735.23	3446.8	49844.97	49688.75	156.22	198.21
Jan 5 2022	-81.68918	35.93298	63.52	-7.41	437832.48	3976734.51	3448.1	49842.69	49688.74	153.95	196.16
Jan 5 2022	-81.68917	35.93297	63.52	-7.41	437833.93	3976733.74	3449.6	49840.94	49688.74	152.20	194.14
Jan 5 2022	-81.68915	35.93297	63.52	-7.41	437835.30	3976732.93	3451.0	49838.87	49688.73	150.14	192.18
Jan 5 2022	-81.68914	35.93296	63.52	-7.41	437836.58	3976731.98	3452.5	49837.66	49688.73	148.93	190.30
Jan 5 2022	-81.68912	35.93295	63.52	-7.41	437837.86	3976730.93	3454.1	49837.21	49688.72	148.49	188.53
Jan 5 2022	-81.68911	35.93294	63.52	-7.41	437838.92	3976729.99	3455.5	49836.10	49688.71	147.39	186.90
Jan 5 2022	-81.68910	35.93293	63.52	-7.41	437839.97	3976729.16	3456.7	49832.55	49688.71	143.84	185.40
Jan 5 2022	-81.68909	35.93293	63.52	-7.41	437841.37	3976728.37	3458.2	49831.71	49688.71	143.00	184.14
Jan 5 2022	-81.68907	35.93292	63.52	-7.41	437842.90	3976727.68	3459.6	49831.57	49688.71	142.86	183.21
Jan 5 2022	-81.68905	35.93291	63.52	-7.41	437844.32	3976727.01	3461.0	49829.99	49688.71	141.28	182.61
Jan 5 2022	-81.68904	35.93291	63.52	-7.41	437845.66	3976726.28	3462.3	49827.92	49688.70	139.22	182.45
Jan 5 2022	-81.68902	35.93290	63.52	-7.41	437846.84	3976725.48	3463.6	49825.65	49688.69	136.96	182.41
Jan 5 2022	-81.68901	35.93289	63.52	-7.41	437847.94	3976724.63	3465.0	49824.32	49688.67	135.65	181.79
Jan 5 2022	-81.68900	35.93288	63.52	-7.41	437849.21	3976723.74	3466.4	49822.15	49688.67	133.48	179.31
Jan 5 2022	-81.68898	35.93288	63.52	-7.41	437850.55	3976722.79	3467.9	49820.60	49688.67	131.93	174.90
Jan 5 2022	-81.68897	35.93287	63.52	-7.41	437851.87	3976721.90	3469.4	49819.50	49688.67	130.83	172.13
Jan 5 2022	-81.68896	35.93286	63.52	-7.41	437853.02	3976721.12	3470.7	49817.16	49688.66	128.49	170.69
Jan 5 2022	-81.68894	35.93285	63.52	-7.41	437854.01	3976720.38	3471.9	49816.65	49688.65	128.00	169.32
Jan 5 2022	-81.68893	35.93285	63.52	-7.41	437855.03	3976719.72	3473.0	49819.78	49688.65	131.13	167.81
Jan 5 2022	-81.68892	35.93284	63.52	-7.41	437856.17	3976719.15	3474.1	49824.51	49688.64	135.87	166.30
Jan 5 2022	-81.68891	35.93284	63.52	-7.41	437857.31	3976718.63	3475.2	49820.21	49688.63	131.58	164.71
Jan 5 2022	-81.68890	35.93284	63.52	-7.41	437858.29	3976718.16	3476.1	49817.80	49688.61	129.19	163.13
Jan 5 2022	-81.68889	35.93283	63.52	-7.41	437859.26	3976717.60	3477.1	49815.71	49688.60	127.11	161.56

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.68887	35.93282	63.52	-7.41	437860.45	3976717.01	3478.3	49813.13	49688.59	124.54	159.97
Jan 5 2022	-81.68886	35.93282	63.52	-7.41	437861.75	3976716.41	3479.5	49810.37	49688.58	121.79	158.36
Jan 5 2022	-81.68884	35.93281	63.52	-7.41	437862.96	3976715.58	3480.9	49808.64	49688.58	120.06	156.76
Jan 5 2022	-81.68883	35.93280	63.52	-7.41	437864.00	3976714.73	3482.2	49806.83	49688.58	118.25	155.17
Jan 5 2022	-81.68882	35.93280	63.52	-7.41	437865.05	3976713.88	3483.5	49807.02	49688.57	118.45	153.65
Jan 5 2022	-81.68881	35.93279	63.52	-7.41	437866.27	3976713.00	3484.9	49806.04	49688.56	117.48	152.14
Jan 5 2022	-81.68879	35.93278	63.52	-7.41	437867.68	3976712.16	3486.4	49801.82	49688.55	113.27	150.61
Jan 5 2022	-81.68878	35.93277	63.52	-7.41	437869.08	3976711.38	3487.8	49800.40	49688.54	111.85	149.07
Jan 5 2022	-81.68876	35.93277	63.52	-7.41	437870.35	3976710.89	3488.9	49799.94	49688.54	111.39	147.57
Jan 5 2022	-81.68875	35.93276	63.52	-7.41	437871.65	3976710.29	3490.2	49798.56	49688.54	110.02	146.05
Jan 5 2022	-81.68873	35.93276	63.52	-7.41	437872.84	3976709.43	3491.6	49797.77	49688.54	109.24	144.53
Jan 5 2022	-81.68872	35.93275	63.52	-7.41	437873.99	3976708.62	3492.9	49796.76	49688.53	108.23	142.95
Jan 5 2022	-81.68871	35.93274	63.52	-7.41	437875.27	3976707.77	3494.3	49794.52	49688.52	106.00	141.28
Jan 5 2022	-81.68869	35.93273	63.52	-7.41	437876.43	3976706.78	3495.8	49791.99	49688.52	103.47	139.56
Jan 5 2022	-81.68868	35.93272	63.52	-7.41	437877.73	3976705.81	3497.3	49790.86	49688.51	102.35	137.94
Jan 5 2022	-81.68866	35.93272	63.52	-7.41	437879.12	3976704.91	3498.8	49787.71	49688.51	99.21	136.49
Jan 5 2022	-81.68865	35.93271	63.52	-7.41	437880.23	3976704.00	3500.2	49783.59	49688.50	95.09	134.92
Jan 5 2022	-81.68864	35.93270	63.52	-7.41	437881.38	3976703.16	3501.6	49782.97	49688.50	94.47	133.31
Jan 5 2022	-81.68863	35.93269	63.52	-7.41	437882.68	3976702.40	3502.9	49779.69	49688.50	91.19	131.66
Jan 5 2022	-81.68861	35.93269	63.52	-7.41	437884.28	3976701.85	3504.3	49775.44	49688.50	86.94	129.95
Jan 5 2022	-81.68859	35.93269	63.52	-7.41	437885.87	3976701.39	3505.6	49770.73	49688.50	82.22	128.19
Jan 5 2022	-81.68857	35.93268	63.52	-7.41	437887.29	3976700.87	3506.8	49764.49	49688.50	75.99	126.36
Jan 5 2022	-81.68856	35.93268	63.52	-7.41	437888.81	3976700.27	3508.2	49760.15	49688.50	71.65	124.49
Jan 5 2022	-81.68854	35.93267	63.52	-7.41	437890.29	3976699.43	3509.7	49747.55	49688.49	59.06	122.41
Jan 5 2022	-81.68853	35.93266	63.52	-7.41	437891.51	3976698.34	3511.3	49729.58	49688.48	41.10	120.00

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68851	35.93265	63.52	-7.41	437892.60	3976697.22	3512.8	49710.66	49688.48	22.18	117.26
Jan 5 2022	-81.68850	35.93264	63.52	-7.41	437893.89	3976696.22	3514.4	49682.45	49688.48	-6.03	114.02
Jan 5 2022	-81.68849	35.93263	63.52	-7.41	437895.16	3976695.31	3515.8	49644.68	49688.48	-43.80	110.06
Jan 5 2022	-81.68847	35.93262	63.52	-7.41	437896.37	3976694.47	3517.2	49601.54	49688.47	-86.94	105.28
Jan 5 2022	-81.68846	35.93262	63.52	-7.41	437897.72	3976693.95	3518.4	49595.43	49688.46	-93.03	100.42
Jan 5 2022	-81.68844	35.93262	63.52	-7.41	437898.97	3976693.67	3519.4	49802.93	49688.46	114.47	99.73
Jan 5 2022	-81.68841	35.93260	63.52	-7.41	437902.38	3976691.99	3522.7	50308.44	49688.42	620.02	109.16
Jan 5 2022	-81.68839	35.93260	63.52	-7.41	437903.66	3976691.27	3524.0	49773.27	49688.41	84.86	107.91
Jan 5 2022	-81.68838	35.93259	63.52	-7.41	437905.09	3976690.59	3525.4	49699.47	49688.40	11.07	105.25
Jan 5 2022	-81.68836	35.93258	63.52	-7.41	437906.62	3976689.90	3526.8	49710.81	49688.40	22.41	102.84
Jan 5 2022	-81.68834	35.93258	63.52	-7.41	437908.09	3976689.24	3528.2	49731.22	49688.39	42.84	100.84
Jan 5 2022	-81.68833	35.93257	63.52	-7.41	437909.39	3976688.63	3529.4	49746.10	49688.38	57.72	99.17
Jan 5 2022	-81.68831	35.93257	63.52	-7.41	437910.81	3976687.97	3530.8	49753.51	49688.37	65.14	97.69
Jan 5 2022	-81.68830	35.93256	63.52	-7.41	437912.29	3976687.17	3532.3	49756.46	49688.36	68.10	96.31
Jan 5 2022	-81.68828	35.93255	63.52	-7.41	437913.67	3976686.40	3533.7	49759.21	49688.36	70.85	95.02
Jan 5 2022	-81.68826	35.93255	63.52	-7.41	437915.09	3976685.92	3534.9	49762.57	49688.35	74.22	93.83
Jan 5 2022	-81.68825	35.93254	63.52	-7.41	437916.58	3976685.44	3536.2	49762.84	49688.34	74.50	92.68
Jan 5 2022	-81.68823	35.93254	63.52	-7.41	437918.23	3976684.79	3537.6	49763.80	49688.33	75.47	91.57
Jan 5 2022	-81.68821	35.93253	63.52	-7.41	437919.82	3976684.25	3539.0	49763.24	49688.32	74.92	90.50
Jan 5 2022	-81.68820	35.93253	63.52	-7.41	437921.24	3976683.86	3540.1	49761.09	49688.32	72.77	89.40
Jan 5 2022	-81.68818	35.93253	63.52	-7.41	437922.56	3976683.42	3541.2	49759.90	49688.32	71.58	88.21
Jan 5 2022	-81.68817	35.93252	63.52	-7.41	437923.83	3976682.76	3542.5	49758.74	49688.31	70.43	86.90
Jan 5 2022	-81.68815	35.93251	63.52	-7.41	437925.01	3976682.08	3543.7	49758.29	49688.31	69.98	85.67
Jan 5 2022	-81.68814	35.93251	63.52	-7.41	437926.10	3976681.44	3544.9	49757.22	49688.31	68.91	84.46
Jan 5 2022	-81.68813	35.93250	63.52	-7.41	437927.46	3976680.82	3546.2	49756.51	49688.30	68.21	83.28

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68811	35.93250	63.52	-7.41	437928.95	3976680.43	3547.3	49756.44	49688.29	68.15	82.16
Jan 5 2022	-81.68810	35.93251	63.52	-7.41	437930.18	3976681.07	3547.5	49756.97	49688.29	68.68	77.04
Jan 5 2022	-81.68810	35.93251	63.52	-7.41	437930.18	3976681.07	3547.5	49756.36	49688.29	68.07	78.01
Jan 5 2022	-81.68810	35.93251	63.52	-7.41	437930.18	3976681.07	3547.5	49756.11	49688.29	67.83	79.02
Jan 5 2022	-81.68810	35.93250	63.52	-7.41	437930.13	3976680.81	3547.7	49755.71	49688.29	67.42	80.03
Jan 5 2022	-81.68810	35.93250	63.52	-7.41	437929.86	3976680.43	3547.9	49756.46	49688.29	68.17	81.08
Jan 5 2022	-81.68809	35.93250	63.52	-7.41	437931.03	3976680.84	3548.2	49753.98	49688.29	65.69	76.09
Jan 5 2022	-81.68807	35.93250	63.52	-7.41	437932.74	3976680.37	3549.6	49752.26	49688.29	63.97	75.13
Jan 5 2022	-81.68805	35.93250	63.52	-7.41	437934.38	3976679.96	3550.8	49749.72	49688.29	61.43	74.13
Jan 5 2022	-81.68803	35.93249	63.52	-7.41	437936.00	3976679.53	3552.1	49750.52	49688.29	62.23	73.17
Jan 5 2022	-81.68801	35.93249	63.52	-7.41	437937.58	3976678.92	3553.5	49749.85	49688.29	61.56	72.22
Jan 5 2022	-81.68800	35.93248	63.52	-7.41	437938.93	3976678.07	3555.0	49748.96	49688.28	60.68	71.27
Jan 5 2022	-81.68799	35.93247	63.52	-7.41	437940.22	3976677.13	3556.5	49748.45	49688.27	60.18	70.35
Jan 5 2022	-81.68797	35.93246	63.52	-7.41	437941.58	3976676.38	3557.9	49748.19	49688.27	59.92	69.48
Jan 5 2022	-81.68795	35.93246	63.52	-7.41	437943.04	3976675.72	3559.3	49745.30	49688.26	57.04	68.58
Jan 5 2022	-81.68794	35.93245	63.52	-7.41	437944.54	3976674.88	3560.8	49747.37	49688.26	59.11	67.77
Jan 5 2022	-81.68792	35.93244	63.52	-7.41	437945.85	3976674.11	3562.2	49760.49	49688.26	72.23	67.32
Jan 5 2022	-81.68791	35.93244	63.52	-7.41	437947.12	3976673.37	3563.5	49781.86	49688.25	93.60	67.30
Jan 5 2022	-81.68789	35.93243	63.52	-7.41	437948.38	3976672.67	3564.8	49788.18	49688.24	99.94	67.47
Jan 5 2022	-81.68788	35.93243	63.52	-7.41	437949.69	3976672.06	3566.1	49764.91	49688.24	76.67	67.27
Jan 5 2022	-81.68786	35.93242	63.52	-7.41	437951.09	3976671.37	3567.5	49745.27	49688.24	57.03	66.76
Jan 5 2022	-81.68785	35.93241	63.52	-7.41	437952.38	3976670.71	3568.7	49737.27	49688.24	49.03	66.23
Jan 5 2022	-81.68784	35.93241	63.52	-7.41	437953.56	3976670.11	3569.9	49733.27	49688.24	45.03	65.69
Jan 5 2022	-81.68782	35.93240	63.52	-7.41	437954.78	3976669.40	3571.2	49729.64	49688.23	41.41	65.34
Jan 5 2022	-81.68781	35.93239	63.52	-7.41	437955.99	3976668.61	3572.5	49726.81	49688.23	38.58	65.29

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	IGRF (nT)		Running Average (nT)
Jan 5 2022	-81.68780	35.93239	63.52	-7.41	437957.03	3976667.87	3573.7	49731.83	49688.22	43.60	65.72
Jan 5 2022	-81.68779	35.93238	63.52	-7.41	437957.99	3976667.16	3574.9	49740.34	49688.22	52.12	66.88
Jan 5 2022	-81.68778	35.93237	63.52	-7.41	437959.05	3976666.30	3576.2	49741.19	49688.21	52.98	68.82
Jan 5 2022	-81.68776	35.93237	63.52	-7.41	437960.23	3976665.50	3577.5	49716.74	49688.20	28.53	71.13
Jan 5 2022	-81.68775	35.93236	63.52	-7.41	437961.52	3976664.73	3578.9	49691.36	49688.19	3.17	73.05
Jan 5 2022	-81.68773	35.93235	63.52	-7.41	437962.75	3976663.79	3580.4	49663.19	49688.18	-24.99	70.26
Jan 5 2022	-81.68772	35.93234	63.52	-7.41	437963.76	3976662.85	3581.7	49633.14	49688.17	-55.03	56.76
Jan 5 2022	-81.68771	35.93233	63.52	-7.41	437964.75	3976661.86	3583.1	49673.18	49688.16	-14.98	54.76
Jan 5 2022	-81.68770	35.93233	63.52	-7.41	437965.70	3976660.93	3584.4	49871.90	49688.15	183.74	58.22
Jan 5 2022	-81.68769	35.93232	63.52	-7.41	437966.70	3976659.93	3585.8	49966.18	49688.14	278.03	63.33
Jan 5 2022	-81.68768	35.93231	63.52	-7.41	437967.91	3976658.91	3587.3	49852.60	49688.13	164.47	65.76
Jan 5 2022	-81.68767	35.93230	63.52	-7.41	437968.98	3976657.93	3588.8	49772.85	49688.12	84.73	66.30
Jan 5 2022	-81.68766	35.93229	63.52	-7.41	437969.75	3976656.81	3590.1	49747.44	49688.11	59.33	66.19
Jan 5 2022	-81.68765	35.93228	63.52	-7.41	437970.30	3976655.70	3591.3	49734.48	49688.11	46.38	65.75
Jan 5 2022	-81.68765	35.93227	63.52	-7.41	437970.75	3976654.46	3592.6	49728.45	49688.10	40.35	65.14
Jan 5 2022	-81.68764	35.93226	63.52	-7.41	437971.20	3976653.11	3594.0	49728.32	49688.09	40.24	64.46
Jan 5 2022	-81.68764	35.93225	63.52	-7.41	437971.48	3976651.94	3595.1	49735.95	49688.07	47.88	63.93
Jan 5 2022	-81.68763	35.93224	63.52	-7.41	437971.88	3976650.89	3596.2	49746.91	49688.06	58.85	63.60
Jan 5 2022	-81.68763	35.93223	63.52	-7.41	437972.48	3976649.75	3597.5	49748.85	49688.05	60.81	63.31
Jan 5 2022	-81.68762	35.93221	63.52	-7.41	437973.08	3976648.49	3598.8	49746.31	49688.03	58.28	63.02
Jan 5 2022	-81.68761	35.93220	63.52	-7.41	437973.73	3976647.29	3600.2	49746.04	49688.02	58.02	62.75
Jan 5 2022	-81.68761	35.93219	63.52	-7.41	437974.31	3976646.06	3601.5	49750.41	49688.02	62.40	62.59
Jan 5 2022	-81.68760	35.93218	63.52	-7.41	437974.78	3976644.70	3602.9	49751.54	49688.01	63.53	62.46
Jan 5 2022	-81.68759	35.93217	63.52	-7.41	437975.29	3976643.37	3604.3	49746.41	49687.99	58.42	62.25
Jan 5 2022	-81.68759	35.93216	63.52	-7.41	437975.66	3976642.01	3605.6	49743.84	49687.98	55.86	62.01

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68759	35.93214	63.52	-7.41	437975.62	3976640.74	3606.6	49743.30	49687.97	55.33	61.75
Jan 5 2022	-81.68759	35.93213	63.52	-7.41	437975.58	3976639.34	3607.8	49745.32	49687.96	57.36	61.53
Jan 5 2022	-81.68759	35.93212	63.52	-7.41	437975.62	3976637.71	3609.1	49744.66	49687.94	56.72	61.32
Jan 5 2022	-81.68759	35.93210	63.52	-7.41	437975.72	3976636.20	3610.4	49743.40	49687.93	55.47	61.07
Jan 5 2022	-81.68759	35.93209	63.52	-7.41	437975.87	3976634.71	3611.7	49740.54	49687.92	52.63	60.76
Jan 5 2022	-81.68759	35.93208	63.52	-7.41	437975.93	3976633.08	3613.1	49736.34	49687.89	48.45	60.36
Jan 5 2022	-81.68759	35.93206	63.52	-7.41	437975.90	3976631.49	3614.4	49738.97	49687.88	51.09	60.07
Jan 5 2022	-81.68759	35.93205	63.52	-7.41	437975.97	3976629.92	3615.7	49740.16	49687.87	52.30	59.83
Jan 5 2022	-81.68758	35.93203	63.52	-7.41	437976.26	3976628.45	3617.1	49738.94	49687.86	51.08	59.63
Jan 5 2022	-81.68758	35.93202	63.52	-7.41	437976.78	3976627.03	3618.5	49740.16	49687.85	52.31	59.43
Jan 5 2022	-81.68757	35.93201	63.52	-7.41	437977.46	3976625.55	3620.1	49741.52	49687.84	53.68	59.27
Jan 5 2022	-81.68756	35.93199	63.52	-7.41	437978.25	3976624.03	3621.8	49738.45	49687.83	50.63	59.07
Jan 5 2022	-81.68755	35.93198	63.52	-7.41	437979.04	3976622.40	3623.6	49732.81	49687.81	44.99	58.77
Jan 5 2022	-81.68754	35.93196	63.52	-7.41	437979.76	3976620.78	3625.3	49727.78	49687.81	39.97	58.37
Jan 5 2022	-81.68754	35.93195	63.52	-7.41	437980.37	3976619.24	3627.0	49716.31	49687.81	28.50	57.80
Jan 5 2022	-81.68753	35.93194	63.52	-7.41	437980.93	3976617.92	3628.4	49719.59	49687.81	31.78	57.25
Jan 5 2022	-81.68752	35.93193	63.52	-7.41	437981.51	3976616.73	3629.7	49720.16	49687.80	32.36	56.45
Jan 5 2022	-81.68751	35.93192	63.52	-7.41	437982.31	3976615.28	3631.3	49713.74	49687.80	25.94	55.10
Jan 5 2022	-81.68750	35.93190	63.52	-7.41	437983.30	3976613.81	3633.1	49705.61	49687.79	17.82	53.46
Jan 5 2022	-81.68749	35.93189	63.52	-7.41	437984.26	3976612.29	3634.9	49692.74	49687.77	4.96	52.02
Jan 5 2022	-81.68748	35.93187	63.52	-7.41	437985.04	3976610.54	3636.8	49672.19	49687.77	-15.57	50.57
Jan 5 2022	-81.68748	35.93186	63.52	-7.41	437985.49	3976608.89	3638.4	49634.06	49687.76	-53.70	48.52
Jan 5 2022	-81.68747	35.93185	63.52	-7.41	437985.91	3976607.46	3639.8	49568.00	49687.75	-119.75	45.22
Jan 5 2022	-81.68747	35.93183	63.52	-7.41	437986.55	3976606.05	3641.3	49593.09	49687.74	-94.65	42.50
Jan 5 2022	-81.68746	35.93182	63.52	-7.41	437987.19	3976604.55	3642.9	50129.63	49687.73	441.89	50.57

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.68745	35.93181	63.52	-7.41	437987.67	3976603.19	3644.3	50155.56	49687.73	467.83	59.05
Jan 5 2022	-81.68745	35.93180	63.52	-7.41	437988.18	3976601.98	3645.6	49833.46	49687.72	145.73	60.92
Jan 5 2022	-81.68744	35.93178	63.52	-7.41	437988.62	3976600.64	3646.9	49720.53	49687.70	32.83	60.52
Jan 5 2022	-81.68744	35.93177	63.52	-7.41	437989.11	3976599.45	3648.2	49758.82	49687.69	71.13	61.37
Jan 5 2022	-81.68743	35.93176	63.52	-7.41	437989.96	3976598.42	3649.5	50067.84	49687.67	380.17	68.91
Jan 5 2022	-81.68742	35.93175	63.52	-7.41	437990.91	3976597.31	3651.0	50317.02	49687.66	629.36	82.00
Jan 5 2022	-81.68741	35.93174	63.52	-7.41	437991.75	3976596.27	3652.3	50097.88	49687.64	410.24	91.30
Jan 5 2022	-81.68740	35.93174	63.52	-7.41	437992.36	3976595.22	3653.5	49871.05	49687.63	183.42	95.27
Jan 5 2022	-81.68739	35.93173	63.52	-7.41	437993.11	3976594.25	3654.7	49778.93	49687.62	91.31	93.42
Jan 5 2022	-81.68738	35.93172	63.52	-7.41	437994.15	3976593.32	3656.1	49745.60	49687.62	57.98	89.02
Jan 5 2022	-81.68737	35.93171	63.52	-7.41	437995.05	3976592.31	3657.4	49730.98	49687.62	43.36	86.60
Jan 5 2022	-81.68736	35.93170	63.52	-7.41	437996.19	3976591.17	3659.0	49723.98	49687.61	36.37	85.63
Jan 5 2022	-81.68734	35.93169	63.52	-7.41	437997.49	3976590.12	3660.6	49720.84	49687.60	33.23	85.11
Jan 5 2022	-81.68733	35.93168	63.52	-7.41	437998.70	3976589.25	3662.0	49719.54	49687.60	31.94	84.82
Jan 5 2022	-81.68732	35.93167	63.52	-7.41	437999.89	3976588.23	3663.5	49717.77	49687.59	30.18	84.62
Jan 5 2022	-81.68731	35.93166	63.52	-7.41	438000.91	3976587.15	3665.0	49715.98	49687.59	28.39	84.38
Jan 5 2022	-81.68730	35.93165	63.52	-7.41	438001.70	3976586.14	3666.3	49714.00	49687.58	26.42	83.95
Jan 5 2022	-81.68729	35.93165	63.52	-7.41	438002.55	3976585.14	3667.6	49712.08	49687.57	24.51	83.27
Jan 5 2022	-81.68727	35.93164	63.52	-7.41	438003.86	3976584.18	3669.1	49711.34	49687.57	23.77	82.53
Jan 5 2022	-81.68726	35.93163	63.52	-7.41	438005.22	3976583.30	3670.7	49710.36	49687.56	22.80	81.82
Jan 5 2022	-81.68724	35.93162	63.52	-7.41	438006.44	3976582.38	3672.1	49712.06	49687.55	24.52	81.15
Jan 5 2022	-81.68723	35.93161	63.52	-7.41	438007.82	3976581.51	3673.6	49712.59	49687.54	25.06	80.40
Jan 5 2022	-81.68721	35.93161	63.52	-7.41	438009.38	3976580.95	3675.0	49711.62	49687.53	24.09	79.61
Jan 5 2022	-81.68719	35.93160	63.52	-7.41	438010.86	3976580.53	3676.2	49709.85	49687.53	22.33	78.89
Jan 5 2022	-81.68718	35.93160	63.52	-7.41	438012.22	3976579.89	3677.5	49706.58	49687.52	19.06	78.15

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		Anomaly (nT)	50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)		
Jan 5 2022	-81.68717	35.93159	63.52	-7.41	438013.42	3976579.01	3678.9	49704.36	49687.51	16.84	77.38
Jan 5 2022	-81.68715	35.93158	63.52	-7.41	438014.61	3976578.00	3680.4	49703.60	49687.50	16.10	76.56
Jan 5 2022	-81.68714	35.93157	63.52	-7.41	438015.96	3976577.09	3681.9	49702.37	49687.50	14.87	75.72
Jan 5 2022	-81.68712	35.93157	63.52	-7.41	438017.31	3976576.41	3683.2	49699.65	49687.50	12.15	74.85
Jan 5 2022	-81.68711	35.93156	63.52	-7.41	438018.74	3976575.55	3684.8	49696.41	49687.50	8.91	73.98
Jan 5 2022	-81.68709	35.93155	63.52	-7.41	438020.17	3976574.37	3686.5	49695.60	49687.50	8.11	73.17
Jan 5 2022	-81.68708	35.93154	63.52	-7.41	438021.49	3976573.18	3688.3	49689.19	49687.48	1.71	72.18
Jan 5 2022	-81.68706	35.93153	63.52	-7.41	438022.78	3976572.27	3689.8	49678.80	49687.47	-8.68	70.97
Jan 5 2022	-81.68705	35.93153	63.52	-7.41	438024.06	3976571.69	3691.0	49673.73	49687.46	-13.73	69.67
Jan 5 2022	-81.68703	35.93152	63.52	-7.41	438025.53	3976571.32	3692.1	49676.71	49687.46	-10.75	68.41
Jan 5 2022	-81.68701	35.93152	63.52	-7.41	438027.17	3976570.88	3693.4	49688.39	49687.46	0.92	67.35
Jan 5 2022	-81.68700	35.93151	63.52	-7.41	438028.73	3976570.41	3694.7	49687.50	49687.47	0.03	66.34
Jan 5 2022	-81.68698	35.93151	63.52	-7.41	438030.24	3976570.03	3695.9	49667.78	49687.47	-19.69	65.05
Jan 5 2022	-81.68696	35.93151	63.52	-7.41	438031.75	3976569.54	3697.2	49655.54	49687.46	-31.92	63.61
Jan 5 2022	-81.68695	35.93150	63.52	-7.41	438033.11	3976568.97	3698.4	49658.00	49687.45	-29.45	62.45
Jan 5 2022	-81.68693	35.93149	63.52	-7.41	438034.52	3976568.14	3699.9	49667.17	49687.44	-20.28	61.41
Jan 5 2022	-81.68692	35.93149	63.52	-7.41	438035.96	3976567.34	3701.4	49666.83	49687.44	-20.61	60.35
Jan 5 2022	-81.68690	35.93148	63.52	-7.41	438037.41	3976566.84	3702.6	49667.63	49687.43	-19.80	59.44
Jan 5 2022	-81.68688	35.93148	63.52	-7.41	438038.79	3976566.32	3703.9	49670.17	49687.42	-17.25	58.73
Jan 5 2022	-81.68687	35.93147	63.52	-7.41	438040.05	3976565.97	3704.9	49671.32	49687.42	-16.09	58.31
Jan 5 2022	-81.68685	35.93147	63.52	-7.41	438041.54	3976565.74	3705.9	49675.33	49687.41	-12.08	58.38
Jan 5 2022	-81.68684	35.93147	63.52	-7.41	438043.17	3976565.49	3707.1	49679.56	49687.41	-7.86	59.30
Jan 5 2022	-81.68682	35.93147	63.52	-7.41	438044.77	3976565.23	3708.2	49688.64	49687.41	1.22	61.72
Jan 5 2022	-81.68680	35.93146	63.52	-7.41	438046.31	3976564.71	3709.5	49690.14	49687.41	2.72	63.67
Jan 5 2022	-81.68678	35.93146	63.52	-7.41	438047.74	3976564.06	3710.9	49692.21	49687.41	4.81	54.92

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68677	35.93145	63.52	-7.41	438049.24	3976563.26	3712.4	49691.10	49687.40	3.70	45.64
Jan 5 2022	-81.68675	35.93144	63.52	-7.41	438050.79	3976562.59	3713.9	49684.07	49687.40	-3.33	42.66
Jan 5 2022	-81.68673	35.93144	63.52	-7.41	438052.35	3976562.14	3715.1	49682.01	49687.39	-5.39	41.90
Jan 5 2022	-81.68672	35.93144	63.52	-7.41	438053.92	3976561.71	3716.4	49688.81	49687.39	1.42	40.50
Jan 5 2022	-81.68670	35.93143	63.52	-7.41	438055.49	3976561.42	3717.5	49701.05	49687.39	13.65	33.17
Jan 5 2022	-81.68668	35.93143	63.52	-7.41	438057.10	3976561.25	3718.6	49700.77	49687.39	13.38	20.85
Jan 5 2022	-81.68666	35.93143	63.52	-7.41	438058.76	3976561.08	3719.7	49696.87	49687.39	9.48	12.84
Jan 5 2022	-81.68664	35.93143	63.52	-7.41	438060.50	3976560.78	3721.0	49699.50	49687.39	12.12	9.41
Jan 5 2022	-81.68662	35.93143	63.52	-7.41	438062.19	3976560.35	3722.3	49693.47	49687.38	6.09	7.71
Jan 5 2022	-81.68661	35.93142	63.52	-7.41	438063.86	3976559.96	3723.6	49685.84	49687.38	-1.54	6.52
Jan 5 2022	-81.68659	35.93142	63.52	-7.41	438065.45	3976559.50	3724.9	49683.21	49687.38	-4.17	5.57
Jan 5 2022	-81.68657	35.93141	63.52	-7.41	438066.91	3976558.94	3726.2	49686.93	49687.38	-0.45	4.83
Jan 5 2022	-81.68656	35.93141	63.52	-7.41	438068.42	3976558.48	3727.4	49703.34	49687.36	15.97	4.48
Jan 5 2022	-81.68654	35.93141	63.52	-7.41	438069.94	3976558.11	3728.6	49736.18	49687.36	48.82	4.82
Jan 5 2022	-81.68652	35.93140	63.52	-7.41	438071.45	3976557.61	3729.9	49779.36	49687.35	92.00	6.06
Jan 5 2022	-81.68651	35.93140	63.52	-7.41	438072.92	3976557.02	3731.2	49807.32	49687.34	119.97	7.89
Jan 5 2022	-81.68649	35.93139	63.52	-7.41	438074.18	3976556.75	3732.2	49789.48	49687.34	102.14	9.40
Jan 5 2022	-81.68648	35.93139	63.52	-7.41	438075.30	3976556.69	3732.9	49756.90	49687.34	69.56	10.31
Jan 5 2022	-81.68647	35.93139	63.52	-7.41	438076.46	3976556.43	3733.8	49737.15	49687.33	49.82	10.83
Jan 5 2022	-81.68645	35.93139	63.52	-7.41	438077.87	3976556.09	3734.9	49729.59	49687.32	42.27	11.22
Jan 5 2022	-81.68643	35.93139	63.52	-7.41	438079.49	3976555.82	3736.1	49732.52	49687.31	45.21	11.63
Jan 5 2022	-81.68641	35.93138	63.52	-7.41	438081.04	3976555.60	3737.1	49728.08	49687.32	40.76	11.94
Jan 5 2022	-81.68640	35.93138	63.52	-7.41	438082.53	3976555.26	3738.3	49715.71	49687.33	28.38	12.03
Jan 5 2022	-81.68638	35.93138	63.52	-7.41	438084.03	3976554.74	3739.6	49715.59	49687.33	28.26	12.15
Jan 5 2022	-81.68636	35.93137	63.52	-7.41	438085.65	3976554.41	3740.8	49723.18	49687.33	35.85	12.48

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.68635	35.93137	63.52	-7.41	438087.12	3976554.28	3741.8	49728.63	49687.33	41.30	12.97	
Jan 5 2022	-81.68633	35.93137	63.52	-7.41	438088.38	3976553.88	3742.8	49724.67	49687.33	37.34	13.40	
Jan 5 2022	-81.68632	35.93136	63.52	-7.41	438089.76	3976553.29	3744.1	49713.11	49687.32	25.79	13.62	
Jan 5 2022	-81.68630	35.93136	63.52	-7.41	438091.22	3976552.92	3745.3	49696.53	49687.32	9.21	13.56	
Jan 5 2022	-81.68628	35.93136	63.52	-7.41	438092.81	3976552.73	3746.4	49684.45	49687.32	-2.87	13.32	
Jan 5 2022	-81.68626	35.93136	63.52	-7.41	438094.63	3976552.62	3747.5	49680.80	49687.32	-6.52	13.03	
Jan 5 2022	-81.68625	35.93136	63.52	-7.41	438096.26	3976552.59	3748.5	49684.52	49687.33	-2.81	12.94	
Jan 5 2022	-81.68623	35.93136	63.52	-7.41	438097.79	3976552.55	3749.4	49702.44	49687.33	15.11	13.41	
Jan 5 2022	-81.68621	35.93136	63.52	-7.41	438099.43	3976552.49	3750.4	49743.13	49687.33	55.80	14.81	
Jan 5 2022	-81.68619	35.93136	63.52	-7.41	438100.92	3976552.43	3751.4	49794.85	49687.32	107.53	17.17	
Jan 5 2022	-81.68618	35.93135	63.52	-7.41	438102.33	3976552.22	3752.4	49821.09	49687.33	133.76	19.83	
Jan 5 2022	-81.68616	35.93135	63.52	-7.41	438103.60	3976551.86	3753.4	49824.91	49687.33	137.58	22.58	
Jan 5 2022	-81.68615	35.93135	63.52	-7.41	438104.84	3976551.47	3754.4	49803.36	49687.32	116.04	25.29	
Jan 5 2022	-81.68613	35.93134	63.52	-7.41	438106.33	3976551.05	3755.6	49775.50	49687.31	88.19	27.70	
Jan 5 2022	-81.68612	35.93134	63.52	-7.41	438107.80	3976550.61	3756.9	49746.89	49687.30	59.58	29.48	
Jan 5 2022	-81.68610	35.93134	63.52	-7.41	438109.13	3976550.30	3757.9	49713.56	49687.30	26.26	30.41	
Jan 5 2022	-81.68609	35.93134	63.52	-7.41	438110.60	3976550.01	3759.0	49750.29	49687.30	62.99	32.08	
Jan 5 2022	-81.68607	35.93133	63.52	-7.41	438112.02	3976549.60	3760.2	49808.53	49687.31	121.22	34.90	
Jan 5 2022	-81.68606	35.93133	63.52	-7.41	438113.37	3976549.21	3761.3	49729.61	49687.31	42.30	36.09	
Jan 5 2022	-81.68604	35.93133	63.52	-7.41	438114.99	3976548.93	3762.5	49689.30	49687.31	2.00	36.45	
Jan 5 2022	-81.68602	35.93133	63.52	-7.41	438116.57	3976549.00	3763.3	49670.30	49687.30	-17.00	36.35	
Jan 5 2022	-81.68600	35.93133	63.52	-7.41	438118.07	3976549.19	3764.1	49655.72	49687.28	-31.57	35.88	
Jan 5 2022	-81.68599	35.93133	63.52	-7.41	438119.72	3976549.19	3765.0	49643.14	49687.26	-44.13	34.97	
Jan 5 2022	-81.68597	35.93133	63.52	-7.41	438121.39	3976549.33	3765.9	49627.02	49687.26	-60.24	33.71	
Jan 5 2022	-81.68595	35.93133	63.52	-7.41	438123.27	3976549.43	3766.9	49598.69	49687.26	-88.57	31.85	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68592	35.93133	63.52	-7.41	438125.38	3976549.27	3768.3	49574.84	49687.25	-112.41	29.52
Jan 5 2022	-81.68590	35.93133	63.52	-7.41	438127.48	3976549.02	3769.8	49677.83	49687.24	-9.42	29.40
Jan 5 2022	-81.68588	35.93133	63.52	-7.41	438129.49	3976548.75	3771.2	50108.28	49687.23	421.05	37.93
Jan 5 2022	-81.68586	35.93132	63.52	-7.41	438131.32	3976548.41	3772.5	49851.79	49687.22	164.57	41.19
Jan 5 2022	-81.68584	35.93132	63.52	-7.41	438132.74	3976548.22	3773.5	49645.77	49687.23	-41.46	40.09
Jan 5 2022	-81.68583	35.93132	63.52	-7.41	438133.94	3976548.09	3774.3	49649.67	49687.23	-37.56	39.07
Jan 5 2022	-81.68582	35.93132	63.52	-7.41	438135.05	3976548.00	3775.1	49665.83	49687.23	-21.40	38.45
Jan 5 2022	-81.68580	35.93132	63.52	-7.41	438136.23	3976548.13	3775.7	49677.32	49687.24	-9.92	38.01
Jan 5 2022	-81.68579	35.93132	63.52	-7.41	438137.60	3976548.20	3776.4	49685.52	49687.24	-1.72	37.86
Jan 5 2022	-81.68577	35.93132	63.52	-7.41	438138.81	3976548.09	3777.2	49691.47	49687.24	4.23	37.97
Jan 5 2022	-81.68576	35.93132	63.52	-7.41	438140.07	3976547.87	3778.1	49695.41	49687.24	8.17	38.22
Jan 5 2022	-81.68574	35.93132	63.52	-7.41	438141.76	3976547.60	3779.4	49697.52	49687.23	10.29	38.43
Jan 5 2022	-81.68572	35.93131	63.52	-7.41	438143.59	3976547.31	3780.7	49698.03	49687.23	10.80	38.33
Jan 5 2022	-81.68570	35.93131	63.52	-7.41	438145.20	3976547.18	3781.8	49697.75	49687.23	10.52	37.57
Jan 5 2022	-81.68568	35.93131	63.52	-7.41	438146.86	3976547.19	3782.7	49697.35	49687.23	10.12	35.93
Jan 5 2022	-81.68567	35.93131	63.52	-7.41	438148.49	3976547.14	3783.7	49696.21	49687.22	9.00	33.71
Jan 5 2022	-81.68565	35.93131	63.52	-7.41	438150.05	3976546.91	3784.9	49694.51	49687.20	7.31	31.81
Jan 5 2022	-81.68563	35.93131	63.52	-7.41	438151.71	3976546.83	3785.9	49693.50	49687.20	6.30	30.55
Jan 5 2022	-81.68561	35.93131	63.52	-7.41	438153.56	3976546.77	3787.1	49694.43	49687.19	7.23	29.69
Jan 5 2022	-81.68559	35.93130	63.52	-7.41	438155.40	3976546.15	3788.6	49691.71	49687.19	4.52	28.94
Jan 5 2022	-81.68557	35.93129	63.52	-7.41	438157.12	3976545.12	3790.5	49689.47	49687.20	2.27	28.08
Jan 5 2022	-81.68555	35.93129	63.52	-7.41	438158.87	3976544.28	3792.2	49688.70	49687.21	1.49	27.30
Jan 5 2022	-81.68553	35.93128	63.52	-7.41	438160.53	3976543.36	3793.9	49687.44	49687.22	0.23	26.73
Jan 5 2022	-81.68551	35.93127	63.52	-7.41	438162.23	3976542.30	3795.8	49686.45	49687.22	-0.76	26.15
Jan 5 2022	-81.68549	35.93126	63.52	-7.41	438163.95	3976541.67	3797.3	49686.58	49687.21	-0.63	25.42

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68548	35.93126	63.52	-7.41	438165.58	3976541.30	3798.6	49686.65	49687.21	-0.57	24.58
Jan 5 2022	-81.68546	35.93125	63.52	-7.41	438167.17	3976540.62	3800.1	49686.18	49687.22	-1.04	23.82
Jan 5 2022	-81.68544	35.93124	63.52	-7.41	438168.63	3976539.56	3801.8	49685.95	49687.21	-1.26	23.28
Jan 5 2022	-81.68543	35.93123	63.52	-7.41	438169.93	3976538.48	3803.5	49684.15	49687.21	-3.06	23.03
Jan 5 2022	-81.68542	35.93123	63.52	-7.41	438170.91	3976537.52	3804.8	49682.53	49687.20	-4.67	22.99
Jan 5 2022	-81.68541	35.93122	63.52	-7.41	438171.73	3976536.52	3806.1	49680.94	49687.20	-6.26	23.00
Jan 5 2022	-81.68540	35.93121	63.52	-7.41	438172.61	3976535.45	3807.5	49676.37	49687.19	-10.82	22.84
Jan 5 2022	-81.68539	35.93120	63.52	-7.41	438173.64	3976534.48	3808.9	49672.11	49687.18	-15.07	22.24
Jan 5 2022	-81.68538	35.93119	63.52	-7.41	438174.70	3976533.63	3810.2	49676.84	49687.17	-10.33	20.91
Jan 5 2022	-81.68536	35.93118	63.52	-7.41	438175.66	3976532.73	3811.5	49680.82	49687.17	-6.35	18.64
Jan 5 2022	-81.68535	35.93118	63.52	-7.41	438176.66	3976531.89	3812.8	49680.58	49687.15	-6.57	15.83
Jan 5 2022	-81.68534	35.93117	63.52	-7.41	438177.79	3976531.06	3814.1	49679.75	49687.14	-7.39	12.93
Jan 5 2022	-81.68533	35.93116	63.52	-7.41	438179.10	3976530.16	3815.6	49678.07	49687.14	-9.07	10.43
Jan 5 2022	-81.68531	35.93115	63.52	-7.41	438180.40	3976529.35	3817.1	49675.83	49687.15	-11.32	8.44
Jan 5 2022	-81.68530	35.93115	63.52	-7.41	438181.67	3976528.56	3818.4	49672.99	49687.15	-14.16	6.96
Jan 5 2022	-81.68528	35.93114	63.52	-7.41	438183.03	3976527.89	3819.8	49668.19	49687.15	-18.96	6.06
Jan 5 2022	-81.68527	35.93113	63.52	-7.41	438184.39	3976527.13	3821.2	49664.45	49687.14	-22.69	4.34
Jan 5 2022	-81.68525	35.93112	63.52	-7.41	438185.71	3976526.15	3822.8	49664.71	49687.13	-22.42	1.47
Jan 5 2022	-81.68524	35.93112	63.52	-7.41	438187.00	3976525.15	3824.4	49668.01	49687.13	-19.12	0.24
Jan 5 2022	-81.68522	35.93111	63.52	-7.41	438188.22	3976523.99	3826.0	49670.32	49687.13	-16.81	-0.13
Jan 5 2022	-81.68521	35.93109	63.52	-7.41	438189.65	3976522.78	3827.9	49670.32	49687.13	-16.81	-0.13
Jan 5 2022	-81.68519	35.93109	63.52	-7.41	438191.07	3976521.80	3829.5	49665.91	49687.13	-21.23	0.08
Jan 5 2022	-81.68518	35.93108	63.52	-7.41	438192.48	3976521.02	3831.0	49664.27	49687.13	-22.87	0.50
Jan 5 2022	-81.68516	35.93107	63.52	-7.41	438194.04	3976520.10	3832.6	49657.13	49687.13	-30.00	1.11
Jan 5 2022	-81.68515	35.93106	63.52	-7.41	438195.29	3976519.26	3834.0	49649.44	49687.12	-37.68	2.13

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68513	35.93106	63.52	-7.41	438196.27	3976518.56	3835.2	49652.00	49687.13	-35.12	3.67
Jan 5 2022	-81.68512	35.93105	63.52	-7.41	438197.33	3976517.99	3836.3	49657.33	49687.13	-29.80	3.26
Jan 5 2022	-81.68511	35.93105	63.52	-7.41	438198.67	3976517.47	3837.5	49644.75	49687.13	-42.38	-6.01
Jan 5 2022	-81.68509	35.93104	63.52	-7.41	438200.01	3976516.94	3838.7	49624.59	49687.13	-62.53	-10.55
Jan 5 2022	-81.68508	35.93104	63.52	-7.41	438201.20	3976516.29	3840.0	49603.52	49687.12	-83.60	-11.39
Jan 5 2022	-81.68507	35.93103	63.52	-7.41	438202.25	3976515.32	3841.4	49578.16	49687.11	-108.96	-12.82
Jan 5 2022	-81.68506	35.93102	63.52	-7.41	438203.29	3976514.18	3842.9	49578.81	49687.10	-108.29	-14.56
Jan 5 2022	-81.68504	35.93101	63.52	-7.41	438204.41	3976513.01	3844.5	49778.55	49687.09	91.45	-12.53
Jan 5 2022	-81.68503	35.93100	63.52	-7.41	438205.43	3976512.04	3845.9	49968.13	49687.09	281.04	-6.87
Jan 5 2022	-81.68502	35.93099	63.52	-7.41	438206.61	3976511.16	3847.3	49819.46	49687.09	132.37	-4.31
Jan 5 2022	-81.68500	35.93098	63.52	-7.41	438208.21	3976510.33	3848.9	49707.83	49687.09	20.74	-4.06
Jan 5 2022	-81.68498	35.93098	63.52	-7.41	438209.81	3976509.64	3850.5	49665.04	49687.09	-22.04	-4.71
Jan 5 2022	-81.68497	35.93097	63.52	-7.41	438211.46	3976509.27	3851.7	49652.58	49687.09	-34.51	-5.61
Jan 5 2022	-81.68495	35.93097	63.52	-7.41	438213.06	3976508.85	3853.0	49647.54	49687.09	-39.54	-6.61
Jan 5 2022	-81.68493	35.93097	63.52	-7.41	438214.33	3976508.29	3854.2	49644.57	49687.08	-42.52	-7.67
Jan 5 2022	-81.68492	35.93096	63.52	-7.41	438215.80	3976507.75	3855.6	49641.33	49687.09	-45.76	-8.76
Jan 5 2022	-81.68490	35.93096	63.52	-7.41	438217.39	3976507.20	3857.0	49636.67	49687.09	-50.42	-9.92
Jan 5 2022	-81.68488	35.93095	63.52	-7.41	438218.92	3976506.38	3858.5	49634.92	49687.09	-52.17	-11.08
Jan 5 2022	-81.68487	35.93094	63.52	-7.41	438220.29	3976505.46	3860.1	49633.10	49687.09	-53.99	-12.31
Jan 5 2022	-81.68485	35.93093	63.52	-7.41	438221.55	3976504.74	3861.4	49626.52	49687.08	-60.57	-13.61
Jan 5 2022	-81.68484	35.93093	63.52	-7.41	438222.74	3976503.90	3862.8	49613.15	49687.08	-73.93	-15.13
Jan 5 2022	-81.68483	35.93092	63.52	-7.41	438223.94	3976503.00	3864.3	49589.23	49687.07	-97.84	-17.12
Jan 5 2022	-81.68481	35.93091	63.52	-7.41	438225.27	3976502.07	3865.8	49558.36	49687.08	-128.71	-19.70
Jan 5 2022	-81.68480	35.93090	63.52	-7.41	438226.39	3976501.11	3867.2	49645.19	49687.08	-41.89	-20.52
Jan 5 2022	-81.68479	35.93089	63.52	-7.41	438227.49	3976500.27	3868.6	50218.86	49687.07	531.79	-9.87

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68477	35.93089	63.52	-7.41	438228.70	3976499.45	3870.0	50261.00	49687.06	573.94	1.62
Jan 5 2022	-81.68476	35.93088	63.52	-7.41	438229.97	3976498.58	3871.4	49752.57	49687.06	65.51	2.95
Jan 5 2022	-81.68474	35.93087	63.52	-7.41	438231.32	3976497.77	3872.9	49655.01	49687.05	-32.04	2.33
Jan 5 2022	-81.68473	35.93087	63.52	-7.41	438232.52	3976497.05	3874.2	49630.17	49687.05	-56.88	1.25
Jan 5 2022	-81.68472	35.93086	63.52	-7.41	438233.66	3976496.20	3875.5	49618.29	49687.04	-68.75	-0.03
Jan 5 2022	-81.68471	35.93085	63.52	-7.41	438234.83	3976495.23	3877.0	49616.20	49687.03	-70.83	-1.32
Jan 5 2022	-81.68469	35.93084	63.52	-7.41	438235.91	3976494.24	3878.5	49609.26	49687.02	-77.76	-2.66
Jan 5 2022	-81.68468	35.93083	63.52	-7.41	438237.04	3976493.21	3880.0	49601.68	49687.01	-85.33	-4.06
Jan 5 2022	-81.68467	35.93082	63.52	-7.41	438238.16	3976492.41	3881.3	49591.82	49687.00	-95.18	-5.76
Jan 5 2022	-81.68466	35.93082	63.52	-7.41	438239.31	3976491.76	3882.5	49577.93	49687.00	-109.06	-7.81
Jan 5 2022	-81.68464	35.93081	63.52	-7.41	438240.66	3976491.15	3883.8	49561.02	49686.99	-125.97	-10.20
Jan 5 2022	-81.68462	35.93081	63.52	-7.41	438242.17	3976490.70	3885.1	49590.21	49686.98	-96.77	-11.99
Jan 5 2022	-81.68460	35.93080	63.52	-7.41	438243.89	3976490.14	3886.5	49889.41	49686.98	202.43	-7.76
Jan 5 2022	-81.68458	35.93080	63.52	-7.41	438245.73	3976489.34	3888.3	50392.31	49686.98	705.33	6.57
Jan 5 2022	-81.68457	35.93079	63.52	-7.41	438247.42	3976488.57	3889.9	49903.35	49686.98	216.37	11.18
Jan 5 2022	-81.68455	35.93078	63.52	-7.41	438249.16	3976487.80	3891.6	49616.83	49686.97	-70.14	10.16
Jan 5 2022	-81.68453	35.93078	63.52	-7.41	438250.90	3976487.00	3893.3	49564.21	49686.96	-122.75	8.16
Jan 5 2022	-81.68451	35.93077	63.52	-7.41	438252.08	3976486.15	3894.7	49554.10	49686.95	-132.85	5.95
Jan 5 2022	-81.68450	35.93076	63.52	-7.41	438253.23	3976485.33	3896.0	49558.42	49686.94	-128.53	3.76
Jan 5 2022	-81.68449	35.93076	63.52	-7.41	438254.58	3976484.65	3897.4	49569.19	49686.94	-117.75	1.74
Jan 5 2022	-81.68447	35.93075	63.52	-7.41	438255.84	3976484.23	3898.5	49580.78	49686.93	-106.15	-0.04
Jan 5 2022	-81.68446	35.93075	63.52	-7.41	438257.20	3976484.08	3899.4	49589.25	49686.93	-97.68	-1.57
Jan 5 2022	-81.68444	35.93075	63.52	-7.41	438258.46	3976483.97	3900.3	49593.39	49686.93	-93.54	-2.99
Jan 5 2022	-81.68443	35.93075	63.52	-7.41	438259.74	3976483.83	3901.2	49593.82	49686.93	-93.11	-4.25
Jan 5 2022	-81.68441	35.93075	63.52	-7.41	438261.25	3976483.68	3902.2	49594.26	49686.93	-92.66	-5.35

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68440	35.93074	63.52	-7.41	438262.53	3976483.18	3903.4	49593.97	49686.92	-92.94	-6.50
Jan 5 2022	-81.68439	35.93073	63.52	-7.41	438263.58	3976482.33	3904.7	49589.41	49686.90	-97.49	-7.86
Jan 5 2022	-81.68438	35.93073	63.52	-7.41	438264.44	3976481.65	3905.7	49586.29	49686.89	-100.60	-9.02
Jan 5 2022	-81.68436	35.93072	63.52	-7.41	438265.56	3976481.02	3906.9	49588.55	49686.88	-98.33	-9.74
Jan 5 2022	-81.68435	35.93072	63.52	-7.41	438267.05	3976480.59	3908.2	49583.07	49686.88	-103.81	-10.14
Jan 5 2022	-81.68433	35.93072	63.52	-7.41	438268.45	3976480.50	3909.1	49574.48	49686.88	-112.39	-10.21
Jan 5 2022	-81.68431	35.93072	63.52	-7.41	438269.98	3976480.44	3910.0	49571.23	49686.87	-115.64	-10.36
Jan 5 2022	-81.68430	35.93072	63.52	-7.41	438271.50	3976480.32	3911.1	49558.53	49686.87	-128.34	-14.75
Jan 5 2022	-81.68428	35.93072	63.52	-7.41	438273.07	3976480.10	3912.2	49542.02	49686.87	-144.85	-23.27
Jan 5 2022	-81.68426	35.93071	63.52	-7.41	438274.51	3976479.82	3913.3	49541.17	49686.87	-145.70	-28.83
Jan 5 2022	-81.68425	35.93071	63.52	-7.41	438275.88	3976479.33	3914.5	49558.37	49686.87	-128.49	-31.82
Jan 5 2022	-81.68423	35.93070	63.52	-7.41	438277.36	3976478.60	3916.0	49586.13	49686.86	-100.72	-33.39
Jan 5 2022	-81.68422	35.93070	63.52	-7.41	438278.93	3976478.05	3917.4	49607.77	49686.85	-79.08	-34.28
Jan 5 2022	-81.68420	35.93069	63.52	-7.41	438280.43	3976477.63	3918.6	49619.67	49686.85	-67.18	-34.84
Jan 5 2022	-81.68418	35.93069	63.52	-7.41	438281.91	3976477.32	3919.8	49625.16	49686.85	-61.69	-35.22
Jan 5 2022	-81.68417	35.93069	63.52	-7.41	438283.41	3976477.33	3920.7	49626.35	49686.85	-60.51	-35.51
Jan 5 2022	-81.68415	35.93069	63.52	-7.41	438284.94	3976477.41	3921.5	49625.79	49686.85	-61.06	-35.73
Jan 5 2022	-81.68413	35.93069	63.52	-7.41	438286.47	3976477.48	3922.4	49624.43	49686.85	-62.42	-35.93
Jan 5 2022	-81.68412	35.93069	63.52	-7.41	438287.70	3976477.75	3923.0	49619.95	49686.85	-66.91	-36.19
Jan 5 2022	-81.68410	35.93070	63.52	-7.41	438288.90	3976477.89	3923.6	49617.73	49686.85	-69.12	-36.36
Jan 5 2022	-81.68409	35.93069	63.52	-7.41	438290.07	3976477.69	3924.4	49615.48	49686.85	-71.38	-36.31
Jan 5 2022	-81.68408	35.93069	63.52	-7.41	438290.96	3976477.34	3925.3	49613.75	49686.86	-73.11	-35.81
Jan 5 2022	-81.68408	35.93069	63.52	-7.41	438291.51	3976477.37	3925.6	49615.38	49686.86	-71.48	-34.67
Jan 5 2022	-81.68407	35.93069	63.52	-7.41	438292.16	3976477.59	3925.8	49620.97	49686.86	-65.88	-35.15
Jan 5 2022	-81.68406	35.93070	63.52	-7.41	438293.14	3976477.78	3926.2	49624.16	49686.86	-62.71	-47.04

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68404	35.93070	63.52	-7.41	438294.33	3976477.79	3927.0	49620.63	49686.87	-66.24	-59.84
Jan 5 2022	-81.68403	35.93069	63.52	-7.41	438295.76	3976477.28	3928.2	49613.88	49686.87	-72.99	-62.61
Jan 5 2022	-81.68401	35.93069	63.52	-7.41	438297.00	3976476.77	3929.4	49607.30	49686.86	-79.56	-63.56
Jan 5 2022	-81.68400	35.93068	63.52	-7.41	438297.94	3976476.47	3930.2	49600.82	49686.86	-86.04	-64.15
Jan 5 2022	-81.68400	35.93068	63.52	-7.41	438298.79	3976476.11	3931.0	49559.17	49686.86	-127.69	-65.33
Jan 5 2022	-81.68399	35.93068	63.52	-7.41	438299.64	3976475.66	3931.9	49374.40	49686.86	-312.46	-70.16
Jan 5 2022	-81.68398	35.93067	63.52	-7.41	438300.45	3976475.13	3932.8	49568.49	49686.86	-118.37	-70.97
Jan 5 2022	-81.68397	35.93066	63.52	-7.41	438301.42	3976474.07	3934.2	49569.89	49686.86	-116.96	-71.60
Jan 5 2022	-81.68396	35.93065	63.52	-7.41	438302.31	3976472.78	3935.8	49555.94	49686.85	-130.91	-72.32
Jan 5 2022	-81.68395	35.93064	63.52	-7.41	438302.82	3976471.67	3937.0	49541.07	49686.84	-145.77	-73.05
Jan 5 2022	-81.68394	35.93063	63.52	-7.41	438303.31	3976470.58	3938.2	49524.06	49686.82	-162.77	-73.79
Jan 5 2022	-81.68394	35.93062	63.52	-7.41	438304.02	3976469.76	3939.2	49505.22	49686.82	-181.59	-75.48
Jan 5 2022	-81.68393	35.93062	63.52	-7.41	438304.91	3976469.04	3940.4	49481.87	49686.81	-204.94	-83.63
Jan 5 2022	-81.68392	35.93061	63.52	-7.41	438305.73	3976468.25	3941.5	49453.03	49686.81	-233.78	-102.41
Jan 5 2022	-81.68391	35.93060	63.52	-7.41	438306.62	3976467.43	3942.7	49416.24	49686.81	-270.57	-112.15
Jan 5 2022	-81.68389	35.93060	63.52	-7.41	438307.81	3976466.66	3944.0	49369.42	49686.81	-317.39	-117.10
Jan 5 2022	-81.68388	35.93059	63.52	-7.41	438309.02	3976465.99	3945.3	49308.82	49686.80	-377.98	-122.20
Jan 5 2022	-81.68387	35.93058	63.52	-7.41	438310.20	3976465.32	3946.5	49228.53	49686.80	-458.28	-128.71
Jan 5 2022	-81.68385	35.93058	63.52	-7.41	438311.59	3976464.82	3947.8	49121.55	49686.80	-565.25	-137.45
Jan 5 2022	-81.68384	35.93058	63.52	-7.41	438313.14	3976464.38	3949.1	48965.89	49686.80	-720.91	-149.51
Jan 5 2022	-81.68382	35.93057	63.52	-7.41	438314.52	3976463.94	3950.3	48738.98	49686.80	-947.81	-166.34
Jan 5 2022	-81.68362	35.93051	63.52	-7.41	438332.83	3976456.55	3967.3	50464.73	49686.74	777.99	-148.83
Jan 5 2022	-81.68361	35.93050	63.52	-7.41	438332.98	3976455.94	3967.9	49196.98	49686.74	-489.76	-152.08
Jan 5 2022	-81.68361	35.93050	63.52	-7.41	438332.98	3976455.94	3967.9	49525.59	49686.74	-161.15	-144.15
Jan 5 2022	-81.68361	35.93050	63.52	-7.41	438333.40	3976455.76	3968.3	49681.29	49686.74	-5.45	-142.78

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68361	35.93050	63.52	-7.41	438333.59	3976455.94	3968.3	49808.06	49686.74	121.32	-144.53
Jan 5 2022	-81.68361	35.93050	63.52	-7.41	438333.59	3976455.74	3968.4	49002.95	49686.74	-683.79	-163.81
Jan 5 2022	-81.68359	35.93050	63.52	-7.41	438334.90	3976455.31	3969.6	48959.15	49686.73	-727.58	-176.35
Jan 5 2022	-81.68358	35.93049	63.52	-7.41	438336.30	3976454.75	3970.9	48986.74	49686.73	-699.98	-188.38
Jan 5 2022	-81.68356	35.93048	63.52	-7.41	438337.75	3976453.95	3972.4	49072.05	49686.72	-614.67	-198.60
Jan 5 2022	-81.68355	35.93048	63.52	-7.41	438339.10	3976453.13	3973.9	49146.25	49686.71	-540.46	-207.16
Jan 5 2022	-81.68353	35.93047	63.52	-7.41	438340.44	3976452.54	3975.2	49219.05	49686.69	-467.64	-214.20
Jan 5 2022	-81.68352	35.93047	63.52	-7.41	438341.86	3976451.97	3976.5	49263.80	49686.69	-422.89	-220.09
Jan 5 2022	-81.68350	35.93046	63.52	-7.41	438343.09	3976451.32	3977.8	49307.59	49686.69	-379.10	-224.78
Jan 5 2022	-81.68349	35.93045	63.52	-7.41	438344.24	3976450.69	3979.0	49343.16	49686.69	-343.53	-228.73
Jan 5 2022	-81.68347	35.93045	63.52	-7.41	438345.54	3976450.02	3980.3	49369.56	49686.69	-317.13	-232.51
Jan 5 2022	-81.68346	35.93044	63.52	-7.41	438346.87	3976449.30	3981.7	49392.16	49686.69	-294.53	-236.38
Jan 5 2022	-81.68345	35.93044	63.52	-7.41	438348.12	3976448.53	3983.1	49408.08	49686.69	-278.61	-240.37
Jan 5 2022	-81.68343	35.93043	63.52	-7.41	438349.30	3976447.58	3984.5	49432.69	49686.68	-254.00	-244.11
Jan 5 2022	-81.68342	35.93042	63.52	-7.41	438350.54	3976446.60	3986.1	49440.07	49686.68	-246.61	-247.81
Jan 5 2022	-81.68340	35.93041	63.52	-7.41	438351.94	3976445.90	3987.5	49428.36	49686.68	-258.32	-251.76
Jan 5 2022	-81.68339	35.93041	63.52	-7.41	438353.27	3976445.24	3988.8	49429.86	49686.68	-256.83	-255.68
Jan 5 2022	-81.68338	35.93040	63.52	-7.41	438354.42	3976444.62	3990.0	49428.10	49686.68	-258.58	-259.60
Jan 5 2022	-81.68335	35.93041	63.52	-7.41	438357.12	3976445.68	3990.8	49438.34	49686.67	-248.33	-285.28
Jan 5 2022	-81.68334	35.93041	63.52	-7.41	438357.25	3976445.67	3990.9	49318.41	49686.67	-368.26	-304.28
Jan 5 2022	-81.68334	35.93041	63.52	-7.41	438357.25	3976445.67	3990.9	49307.82	49686.67	-378.84	-298.63
Jan 5 2022	-81.68334	35.93041	63.52	-7.41	438357.25	3976445.67	3990.9	49429.21	49686.67	-257.46	-292.65
Jan 5 2022	-81.68334	35.93041	63.52	-7.41	438357.25	3976445.67	3990.9	49436.56	49686.67	-250.11	-288.96
Jan 5 2022	-81.68335	35.93041	63.52	-7.41	438356.96	3976445.48	3990.9	49439.31	49686.66	-247.35	-281.57
Jan 5 2022	-81.68337	35.93039	63.52	-7.41	438355.31	3976443.99	3991.1	49433.32	49686.66	-253.34	-263.33

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68335	35.93040	63.52	-7.41	438356.97	3976444.77	3991.5	49439.40	49686.65	-247.25	-277.94
Jan 5 2022	-81.68334	35.93040	63.52	-7.41	438357.64	3976444.86	3991.8	49407.86	49686.66	-278.80	-307.30
Jan 5 2022	-81.68336	35.93039	63.52	-7.41	438355.98	3976443.41	3991.9	49430.88	49686.64	-255.76	-267.06
Jan 5 2022	-81.68335	35.93039	63.52	-7.41	438356.74	3976443.94	3992.0	49433.71	49686.64	-252.93	-274.43
Jan 5 2022	-81.68335	35.93039	63.52	-7.41	438356.39	3976443.43	3992.2	49427.03	49686.63	-259.61	-270.83
Jan 5 2022	-81.68333	35.93039	63.52	-7.41	438358.40	3976443.26	3993.5	49399.13	49686.65	-287.52	-306.80
Jan 5 2022	-81.68332	35.93038	63.52	-7.41	438359.11	3976441.81	3995.1	49396.49	49686.63	-290.14	-310.24
Jan 5 2022	-81.68332	35.93036	63.52	-7.41	438359.86	3976440.42	3996.7	49376.73	49686.62	-309.89	-314.10
Jan 5 2022	-81.68331	35.93035	63.52	-7.41	438360.61	3976438.98	3998.3	49343.15	49686.61	-343.46	-318.35
Jan 5 2022	-81.68330	35.93034	63.52	-7.41	438361.42	3976437.54	3999.9	49311.57	49686.60	-375.03	-322.93
Jan 5 2022	-81.68329	35.93032	63.52	-7.41	438362.54	3976436.02	4001.8	49295.83	49686.59	-390.76	-327.49
Jan 5 2022	-81.68327	35.93031	63.52	-7.41	438363.64	3976434.54	4003.6	49332.25	49686.59	-354.35	-330.95
Jan 5 2022	-81.68326	35.93030	63.52	-7.41	438364.58	3976433.31	4005.2	49339.80	49686.59	-346.79	-333.78
Jan 5 2022	-81.68325	35.93029	63.52	-7.41	438365.67	3976432.18	4006.7	49289.04	49686.58	-397.54	-337.06
Jan 5 2022	-81.68324	35.93028	63.52	-7.41	438366.86	3976431.02	4008.4	49256.90	49686.57	-429.67	-340.24
Jan 5 2022	-81.68322	35.93027	63.52	-7.41	438368.05	3976429.94	4010.0	49236.13	49686.56	-450.43	-342.90
Jan 5 2022	-81.68321	35.93026	63.52	-7.41	438369.39	3976429.00	4011.5	49178.15	49686.56	-508.41	-345.51
Jan 5 2022	-81.68319	35.93025	63.52	-7.41	438370.79	3976428.34	4012.9	49134.13	49686.55	-552.42	-347.39
Jan 5 2022	-81.68318	35.93025	63.52	-7.41	438372.23	3976427.93	4014.1	49105.48	49686.55	-581.07	-347.71
Jan 5 2022	-81.68316	35.93025	63.52	-7.41	438373.78	3976427.59	4015.4	49280.01	49686.55	-406.53	-341.42
Jan 5 2022	-81.68314	35.93024	63.52	-7.41	438375.20	3976427.22	4016.5	49617.62	49686.54	-68.93	-323.85
Jan 5 2022	-81.68313	35.93024	63.52	-7.41	438376.61	3976426.69	4017.8	49775.91	49686.53	89.38	-337.62
Jan 5 2022	-81.68311	35.93023	63.52	-7.41	438378.06	3976426.01	4019.2	49827.92	49686.53	141.39	-337.22
Jan 5 2022	-81.68310	35.93023	63.52	-7.41	438379.43	3976425.19	4020.7	49797.54	49686.52	111.02	-334.89
Jan 5 2022	-81.68308	35.93022	63.52	-7.41	438380.68	3976424.33	4022.2	49760.69	49686.51	74.17	-330.18

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.68307	35.93021	63.52	-7.41	438381.89	3976423.40	4023.7	49743.10	49686.50	56.59	-319.25	
Jan 5 2022	-81.68305	35.93020	63.52	-7.41	438383.27	3976422.44	4025.3	49717.70	49686.50	31.20	-304.95	
Jan 5 2022	-81.68304	35.93020	63.52	-7.41	438384.79	3976421.68	4026.8	49756.20	49686.50	69.71	-289.01	
Jan 5 2022	-81.68302	35.93019	63.52	-7.41	438386.25	3976421.05	4028.2	49828.57	49686.50	142.07	-272.17	
Jan 5 2022	-81.68301	35.93019	63.52	-7.41	438387.66	3976420.59	4029.4	49870.12	49686.49	183.63	-256.20	
Jan 5 2022	-81.68299	35.93018	63.52	-7.41	438389.27	3976420.09	4030.8	49898.70	49686.49	212.21	-241.15	
Jan 5 2022	-81.68297	35.93017	63.52	-7.41	438390.92	3976419.29	4032.5	49913.48	49686.48	227.00	-227.25	
Jan 5 2022	-81.68295	35.93017	63.52	-7.41	438392.49	3976418.38	4034.1	49912.10	49686.49	225.62	-214.28	
Jan 5 2022	-81.68293	35.93016	63.52	-7.41	438394.12	3976417.67	4035.7	49900.15	49686.49	213.66	-202.43	
Jan 5 2022	-81.68292	35.93015	63.52	-7.41	438395.74	3976417.06	4037.2	49900.70	49686.49	214.21	-191.27	
Jan 5 2022	-81.68290	35.93015	63.52	-7.41	438397.21	3976416.38	4038.6	49894.14	49686.48	207.66	-180.78	
Jan 5 2022	-81.68288	35.93014	63.52	-7.41	438398.65	3976415.68	4040.1	49880.85	49686.48	194.37	-171.00	
Jan 5 2022	-81.68287	35.93014	63.52	-7.41	438400.14	3976415.18	4041.4	49874.35	49686.48	187.87	-161.67	
Jan 5 2022	-81.68285	35.93014	63.52	-7.41	438401.60	3976415.06	4042.4	49863.23	49686.47	176.76	-153.06	
Jan 5 2022	-81.68284	35.93013	63.52	-7.41	438403.00	3976414.80	4043.5	49854.85	49686.46	168.38	-144.76	
Jan 5 2022	-81.68282	35.93013	63.52	-7.41	438404.35	3976414.21	4044.8	49848.84	49686.46	162.38	-136.34	
Jan 5 2022	-81.68281	35.93012	63.52	-7.41	438405.64	3976413.69	4046.0	49846.83	49686.46	160.37	-128.00	
Jan 5 2022	-81.68279	35.93012	63.52	-7.41	438406.91	3976413.14	4047.2	49833.13	49686.46	146.67	-119.89	
Jan 5 2022	-81.68278	35.93011	63.52	-7.41	438408.28	3976412.58	4048.5	49819.34	49686.45	132.88	-112.17	
Jan 5 2022	-81.68276	35.93011	63.52	-7.41	438409.64	3976412.05	4049.7	49820.10	49686.46	133.65	-104.38	
Jan 5 2022	-81.68275	35.93010	63.52	-7.41	438411.01	3976411.40	4051.1	49820.85	49686.46	134.39	-96.50	
Jan 5 2022	-81.68273	35.93010	63.52	-7.41	438412.59	3976410.72	4052.6	49811.22	49686.46	124.76	-88.95	
Jan 5 2022	-81.68271	35.93009	63.52	-7.41	438414.05	3976410.02	4054.1	49802.34	49686.45	115.89	-81.68	
Jan 5 2022	-81.68270	35.93009	63.52	-7.41	438415.35	3976409.39	4055.4	49790.61	49686.45	104.16	-74.65	
Jan 5 2022	-81.68268	35.93008	63.52	-7.41	438416.73	3976408.59	4056.9	49785.97	49686.44	99.53	-67.70	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68267	35.93007	63.52	-7.41	438418.06	3976407.76	4058.3	49782.81	49686.42	96.38	-60.77
Jan 5 2022	-81.68265	35.93007	63.52	-7.41	438419.34	3976407.07	4059.7	49770.51	49686.41	84.10	-53.94
Jan 5 2022	-81.68264	35.93006	63.52	-7.41	438420.42	3976406.41	4060.9	49758.55	49686.40	72.15	-44.92
Jan 5 2022	-81.68263	35.93005	63.52	-7.41	438421.46	3976405.73	4062.0	49753.95	49686.39	67.56	-36.20
Jan 5 2022	-81.68262	35.93005	63.52	-7.41	438422.65	3976405.20	4063.2	49754.45	49686.39	68.07	-29.26
Jan 5 2022	-81.68260	35.93004	63.52	-7.41	438423.71	3976404.63	4064.3	49759.55	49686.39	73.16	-22.05
Jan 5 2022	-81.68259	35.93004	63.52	-7.41	438424.62	3976403.81	4065.5	49766.14	49686.38	79.76	-14.65
Jan 5 2022	-81.68258	35.93003	63.52	-7.41	438425.58	3976403.04	4066.7	49770.45	49686.37	84.08	-6.77
Jan 5 2022	-81.68257	35.93002	63.52	-7.41	438426.63	3976402.41	4067.9	49770.56	49686.36	84.20	1.78
Jan 5 2022	-81.68256	35.93002	63.52	-7.41	438427.74	3976401.88	4069.0	49765.97	49686.35	79.61	10.87
Jan 5 2022	-81.68255	35.93001	63.52	-7.41	438428.73	3976401.33	4070.0	49759.01	49686.35	72.66	20.14
Jan 5 2022	-81.68254	35.93001	63.52	-7.41	438429.78	3976400.66	4071.2	49757.04	49686.34	70.70	28.64
Jan 5 2022	-81.68252	35.93000	63.52	-7.41	438431.33	3976400.14	4072.6	49773.50	49686.32	87.17	37.32
Jan 5 2022	-81.68250	35.93000	63.52	-7.41	438432.73	3976399.63	4073.8	49757.01	49686.31	70.70	46.69
Jan 5 2022	-81.68249	35.92999	63.52	-7.41	438433.66	3976398.75	4075.1	49736.96	49686.31	50.65	56.29
Jan 5 2022	-81.68248	35.92998	63.52	-7.41	438434.53	3976397.72	4076.4	49733.81	49686.30	47.51	66.25
Jan 5 2022	-81.68247	35.92998	63.52	-7.41	438435.41	3976396.87	4077.6	49731.05	49686.29	44.76	77.32
Jan 5 2022	-81.68246	35.92997	63.52	-7.41	438436.56	3976396.09	4079.0	49731.62	49686.28	45.34	89.27
Jan 5 2022	-81.68245	35.92996	63.52	-7.41	438437.93	3976395.17	4080.6	49736.30	49686.27	50.03	101.89
Jan 5 2022	-81.68243	35.92995	63.52	-7.41	438439.28	3976394.36	4082.0	49740.03	49686.26	53.78	111.10
Jan 5 2022	-81.68242	35.92995	63.52	-7.41	438440.48	3976393.61	4083.4	49737.16	49686.24	50.91	113.50
Jan 5 2022	-81.68240	35.92994	63.52	-7.41	438441.77	3976392.71	4084.9	49731.81	49686.24	45.57	112.62
Jan 5 2022	-81.68239	35.92993	63.52	-7.41	438443.11	3976391.76	4086.4	49727.16	49686.23	40.93	110.61
Jan 5 2022	-81.68238	35.92992	63.52	-7.41	438444.20	3976391.04	4087.7	49724.50	49686.22	38.28	109.16
Jan 5 2022	-81.68236	35.92992	63.52	-7.41	438445.31	3976390.48	4088.8	49715.87	49686.20	29.66	108.27

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68235	35.92991	63.52	-7.41	438446.62	3976389.80	4090.2	49699.87	49686.19	13.68	107.41
Jan 5 2022	-81.68234	35.92990	63.52	-7.41	438447.88	3976388.88	4091.7	49748.80	49686.18	62.62	108.04
Jan 5 2022	-81.68232	35.92989	63.52	-7.41	438448.98	3976387.71	4093.3	49716.40	49686.16	30.24	107.25
Jan 5 2022	-81.68231	35.92988	63.52	-7.41	438449.78	3976386.49	4094.7	49632.16	49686.16	-54.00	103.33
Jan 5 2022	-81.68231	35.92987	63.52	-7.41	438450.53	3976385.37	4096.1	49707.11	49686.15	20.96	100.07
Jan 5 2022	-81.68230	35.92986	63.52	-7.41	438451.18	3976384.40	4097.2	50048.58	49686.14	362.43	103.08
Jan 5 2022	-81.68229	35.92985	63.52	-7.41	438451.73	3976383.43	4098.3	49862.83	49686.14	176.70	102.07
Jan 5 2022	-81.68228	35.92985	63.52	-7.41	438452.46	3976382.67	4099.4	49750.00	49686.13	63.87	98.84
Jan 5 2022	-81.68228	35.92984	63.52	-7.41	438453.11	3976381.95	4100.3	49788.70	49686.12	102.58	96.61
Jan 5 2022	-81.68227	35.92983	63.52	-7.41	438453.66	3976380.99	4101.4	49765.93	49686.12	79.81	93.93
Jan 5 2022	-81.68226	35.92983	63.52	-7.41	438454.20	3976380.09	4102.5	49760.78	49686.12	74.66	91.27
Jan 5 2022	-81.68226	35.92982	63.52	-7.41	438454.99	3976379.21	4103.7	49775.11	49686.11	89.00	89.16
Jan 5 2022	-81.68225	35.92981	63.52	-7.41	438455.82	3976378.22	4105.0	49758.88	49686.09	72.79	86.86
Jan 5 2022	-81.68224	35.92980	63.52	-7.41	438456.52	3976377.34	4106.1	49715.21	49686.09	29.13	83.91
Jan 5 2022	-81.68223	35.92979	63.52	-7.41	438457.44	3976376.66	4107.2	49715.09	49686.08	29.01	81.12
Jan 5 2022	-81.68221	35.92979	63.52	-7.41	438458.69	3976376.16	4108.3	49658.09	49686.07	-27.97	77.31
Jan 5 2022	-81.68220	35.92979	63.52	-7.41	438459.97	3976375.66	4109.5	49754.31	49686.06	68.24	75.47
Jan 5 2022	-81.68219	35.92978	63.52	-7.41	438461.10	3976375.07	4110.7	49766.58	49686.06	80.53	74.15
Jan 5 2022	-81.68218	35.92977	63.52	-7.41	438462.05	3976374.39	4111.8	49745.40	49686.05	59.35	72.67
Jan 5 2022	-81.68217	35.92977	63.52	-7.41	438462.97	3976373.64	4113.0	49727.02	49686.05	40.98	70.82
Jan 5 2022	-81.68216	35.92976	63.52	-7.41	438464.04	3976372.74	4114.4	49734.41	49686.04	48.37	69.10
Jan 5 2022	-81.68214	35.92975	63.52	-7.41	438465.03	3976371.68	4115.8	49748.82	49686.02	62.80	67.86
Jan 5 2022	-81.68213	35.92974	63.52	-7.41	438465.92	3976370.83	4117.0	49786.92	49686.02	100.91	67.56
Jan 5 2022	-81.68213	35.92973	63.52	-7.41	438466.60	3976369.98	4118.1	49766.19	49686.01	80.18	67.08
Jan 5 2022	-81.68212	35.92973	63.52	-7.41	438467.24	3976369.06	4119.2	49740.15	49686.00	54.16	66.17

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68211	35.92972	63.52	-7.41	438467.91	3976368.14	4120.4	49724.92	49685.98	38.94	65.03
Jan 5 2022	-81.68211	35.92971	63.52	-7.41	438468.38	3976366.95	4121.6	49727.77	49685.96	41.81	64.18
Jan 5 2022	-81.68210	35.92969	63.52	-7.41	438468.91	3976365.57	4123.0	49719.42	49685.95	33.46	63.41
Jan 5 2022	-81.68209	35.92968	63.52	-7.41	438469.45	3976364.25	4124.4	49704.04	49685.94	18.09	62.42
Jan 5 2022	-81.68209	35.92967	63.52	-7.41	438470.06	3976362.95	4125.8	49720.72	49685.93	34.79	61.75
Jan 5 2022	-81.68208	35.92966	63.52	-7.41	438470.58	3976361.52	4127.2	49722.50	49685.92	36.58	61.02
Jan 5 2022	-81.68208	35.92964	63.52	-7.41	438470.86	3976359.96	4128.6	49708.22	49685.91	22.30	59.87
Jan 5 2022	-81.68208	35.92963	63.52	-7.41	438470.92	3976358.28	4130.0	49713.30	49685.91	27.39	58.74
Jan 5 2022	-81.68208	35.92961	63.52	-7.41	438470.83	3976356.64	4131.2	49713.54	49685.91	27.63	57.61
Jan 5 2022	-81.68208	35.92960	63.52	-7.41	438470.69	3976355.03	4132.4	49715.66	49685.90	29.76	56.61
Jan 5 2022	-81.68208	35.92959	63.52	-7.41	438470.41	3976353.63	4133.3	49712.09	49685.90	26.19	55.68
Jan 5 2022	-81.68209	35.92957	63.52	-7.41	438470.08	3976352.23	4134.2	49710.37	49685.89	24.48	54.75
Jan 5 2022	-81.68209	35.92956	63.52	-7.41	438469.89	3976350.72	4135.2	49710.12	49685.87	24.25	53.50
Jan 5 2022	-81.68209	35.92955	63.52	-7.41	438469.81	3976349.33	4136.3	49719.60	49685.85	33.75	52.76
Jan 5 2022	-81.68209	35.92954	63.52	-7.41	438469.59	3976347.92	4137.2	49728.96	49685.84	43.12	52.61
Jan 5 2022	-81.68210	35.92952	63.52	-7.41	438469.18	3976346.52	4138.1	49706.67	49685.83	20.84	52.07
Jan 5 2022	-81.68210	35.92951	63.52	-7.41	438468.58	3976345.17	4138.8	49730.73	49685.81	44.91	52.08
Jan 5 2022	-81.68211	35.92950	63.52	-7.41	438467.83	3976344.04	4139.2	49725.86	49685.81	40.05	51.97
Jan 5 2022	-81.68212	35.92949	63.52	-7.41	438467.12	3976342.92	4139.6	49729.45	49685.81	43.64	51.84
Jan 5 2022	-81.68212	35.92948	63.52	-7.41	438466.56	3976341.58	4140.3	49721.24	49685.81	35.44	51.48
Jan 5 2022	-81.68213	35.92947	63.52	-7.41	438466.21	3976340.30	4141.1	49728.14	49685.80	42.34	51.30
Jan 5 2022	-81.68213	35.92946	63.52	-7.41	438466.00	3976339.00	4142.0	49737.22	49685.79	51.43	51.42
Jan 5 2022	-81.68213	35.92944	63.52	-7.41	438465.66	3976337.75	4142.8	49739.63	49685.78	53.85	51.68
Jan 5 2022	-81.68214	35.92943	63.52	-7.41	438465.44	3976336.37	4143.7	49735.40	49685.77	49.63	51.91
Jan 5 2022	-81.68214	35.92942	63.52	-7.41	438465.15	3976334.87	4144.7	49721.48	49685.76	35.71	52.03

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68215	35.92940	63.52	-7.41	438464.66	3976333.27	4145.7	49722.33	49685.75	36.58	52.49
Jan 5 2022	-81.68215	35.92939	63.52	-7.41	438464.10	3976331.71	4146.5	49728.24	49685.74	42.50	52.08
Jan 5 2022	-81.68216	35.92938	63.52	-7.41	438463.33	3976330.35	4147.1	49728.04	49685.72	42.32	52.33
Jan 5 2022	-81.68217	35.92937	63.52	-7.41	438462.65	3976329.08	4147.7	49727.52	49685.71	41.81	54.24
Jan 5 2022	-81.68217	35.92935	63.52	-7.41	438462.06	3976327.82	4148.3	49722.76	49685.70	37.06	54.56
Jan 5 2022	-81.68218	35.92934	63.52	-7.41	438461.43	3976326.43	4149.0	49719.38	49685.70	33.69	47.99
Jan 5 2022	-81.68219	35.92933	63.52	-7.41	438460.80	3976325.18	4149.6	49727.78	49685.69	42.09	45.30
Jan 5 2022	-81.68219	35.92932	63.52	-7.41	438460.22	3976323.84	4150.3	49738.77	49685.69	53.08	45.08
Jan 5 2022	-81.68220	35.92930	63.52	-7.41	438459.73	3976322.16	4151.4	49738.03	49685.68	52.35	44.08
Jan 5 2022	-81.68220	35.92929	63.52	-7.41	438459.29	3976320.43	4152.4	49726.65	49685.67	40.98	43.30
Jan 5 2022	-81.68221	35.92927	63.52	-7.41	438459.01	3976318.87	4153.5	49734.99	49685.67	49.32	42.79
Jan 5 2022	-81.68221	35.92926	63.52	-7.41	438458.74	3976317.40	4154.5	49755.94	49685.68	70.26	42.42
Jan 5 2022	-81.68221	35.92925	63.52	-7.41	438458.41	3976316.01	4155.4	49758.01	49685.68	72.32	42.41
Jan 5 2022	-81.68222	35.92924	63.52	-7.41	438457.99	3976314.68	4156.2	49711.48	49685.68	25.80	42.34
Jan 5 2022	-81.68222	35.92922	63.52	-7.41	438457.51	3976313.10	4157.1	49706.32	49685.68	20.64	42.17
Jan 5 2022	-81.68222	35.92920	63.52	-7.41	438457.39	3976311.28	4158.5	49716.31	49685.66	30.65	43.35
Jan 5 2022	-81.68222	35.92919	63.52	-7.41	438457.33	3976309.54	4159.8	49717.05	49685.65	31.40	42.61
Jan 5 2022	-81.68223	35.92917	63.52	-7.41	438457.03	3976307.87	4161.0	49715.86	49685.64	30.22	41.60
Jan 5 2022	-81.68223	35.92916	63.52	-7.41	438456.74	3976306.23	4162.1	49719.91	49685.63	34.28	41.10
Jan 5 2022	-81.68223	35.92914	63.52	-7.41	438456.43	3976304.53	4163.2	49718.43	49685.63	32.80	40.94
Jan 5 2022	-81.68224	35.92913	63.52	-7.41	438456.24	3976302.80	4164.5	49788.12	49685.63	102.49	42.02
Jan 5 2022	-81.68224	35.92911	63.52	-7.41	438456.15	3976301.22	4165.7	49929.82	49685.62	244.20	45.65
Jan 5 2022	-81.68224	35.92910	63.52	-7.41	438455.91	3976299.49	4166.9	49898.19	49685.61	212.58	47.88
Jan 5 2022	-81.68224	35.92908	63.52	-7.41	438455.72	3976297.79	4168.1	49790.19	49685.61	104.57	48.37
Jan 5 2022	-81.68224	35.92907	63.52	-7.41	438455.58	3976296.25	4169.2	49764.88	49685.61	79.27	48.87

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.68224	35.92906	63.52	-7.41	438455.48	3976294.71	4170.4	49770.89	49685.60	85.29	49.80
Jan 5 2022	-81.68224	35.92904	63.52	-7.41	438455.60	3976293.12	4171.7	49766.44	49685.59	80.85	50.58
Jan 5 2022	-81.68224	35.92903	63.52	-7.41	438455.92	3976291.45	4173.2	49766.73	49685.58	81.15	51.53
Jan 5 2022	-81.68224	35.92901	63.52	-7.41	438456.20	3976289.78	4174.7	49722.14	49685.57	36.57	51.90
Jan 5 2022	-81.68223	35.92900	63.52	-7.41	438456.44	3976288.04	4176.2	49714.49	49685.56	28.93	51.79
Jan 5 2022	-81.68223	35.92898	63.52	-7.41	438456.85	3976286.35	4177.8	49721.64	49685.55	36.09	51.78
Jan 5 2022	-81.68222	35.92897	63.52	-7.41	438457.39	3976284.76	4179.4	49715.86	49685.55	30.31	51.94
Jan 5 2022	-81.68222	35.92895	63.52	-7.41	438457.76	3976283.11	4180.9	49713.80	49685.54	28.26	51.95
Jan 5 2022	-81.68222	35.92894	63.52	-7.41	438457.95	3976281.53	4182.3	49707.76	49685.53	22.24	51.85
Jan 5 2022	-81.68221	35.92892	63.52	-7.41	438458.07	3976279.89	4183.7	49702.81	49685.52	17.30	51.60
Jan 5 2022	-81.68221	35.92891	63.52	-7.41	438458.04	3976278.19	4185.0	49686.67	49685.51	1.17	51.10
Jan 5 2022	-81.68221	35.92889	63.52	-7.41	438458.12	3976276.68	4186.3	49650.42	49685.50	-35.07	49.91
Jan 5 2022	-81.68221	35.92888	63.52	-7.41	438458.44	3976275.10	4187.7	49685.12	49685.49	-0.37	49.41
Jan 5 2022	-81.68221	35.92886	63.52	-7.41	438458.81	3976273.45	4189.2	50086.02	49685.48	400.54	56.75
Jan 5 2022	-81.68220	35.92885	63.52	-7.41	438459.10	3976271.86	4190.7	50328.68	49685.47	643.21	68.75
Jan 5 2022	-81.68220	35.92883	63.52	-7.41	438459.46	3976270.22	4192.2	50009.03	49685.46	323.57	74.81
Jan 5 2022	-81.68219	35.92882	63.52	-7.41	438460.04	3976268.57	4193.8	49836.33	49685.45	150.88	76.93
Jan 5 2022	-81.68218	35.92881	63.52	-7.41	438460.69	3976267.02	4195.5	49791.48	49685.44	106.04	78.24
Jan 5 2022	-81.68218	35.92879	63.52	-7.41	438461.20	3976265.64	4196.9	49730.13	49685.43	44.71	78.27
Jan 5 2022	-81.68217	35.92878	63.52	-7.41	438461.61	3976264.31	4198.2	49689.80	49685.42	4.38	77.64
Jan 5 2022	-81.68217	35.92877	63.52	-7.41	438462.03	3976262.80	4199.6	49709.58	49685.41	24.17	77.28
Jan 5 2022	-81.68217	35.92875	63.52	-7.41	438462.38	3976261.24	4201.1	49716.48	49685.40	31.08	76.87
Jan 5 2022	-81.68216	35.92874	63.52	-7.41	438462.65	3976259.71	4202.5	49699.41	49685.39	14.02	76.08
Jan 5 2022	-81.68216	35.92873	63.52	-7.41	438462.79	3976258.10	4203.8	49698.76	49685.38	13.38	75.35
Jan 5 2022	-81.68216	35.92871	63.52	-7.41	438462.98	3976256.33	4205.3	49709.62	49685.37	24.25	75.12

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68216	35.92870	63.52	-7.41	438463.08	3976254.73	4206.7	49720.39	49685.36	35.03	75.09
Jan 5 2022	-81.68216	35.92868	63.52	-7.41	438462.97	3976253.28	4207.7	49729.44	49685.35	44.09	75.12
Jan 5 2022	-81.68216	35.92867	63.52	-7.41	438462.84	3976251.77	4208.9	49736.59	49685.35	51.24	75.30
Jan 5 2022	-81.68216	35.92865	63.52	-7.41	438462.91	3976250.23	4210.1	49739.65	49685.34	54.32	75.55
Jan 5 2022	-81.68216	35.92864	63.52	-7.41	438463.11	3976248.65	4211.5	49746.18	49685.33	60.85	76.03
Jan 5 2022	-81.68215	35.92863	63.52	-7.41	438463.25	3976246.99	4212.9	49748.22	49685.32	62.89	76.61
Jan 5 2022	-81.68215	35.92861	63.52	-7.41	438463.49	3976245.32	4214.4	49747.66	49685.31	62.35	77.02
Jan 5 2022	-81.68215	35.92860	63.52	-7.41	438463.84	3976243.81	4215.8	49748.37	49685.30	63.07	77.22
Jan 5 2022	-81.68214	35.92858	63.52	-7.41	438464.31	3976242.32	4217.3	49750.26	49685.28	64.97	77.47
Jan 5 2022	-81.68214	35.92857	63.52	-7.41	438464.74	3976240.80	4218.7	49743.07	49685.27	57.80	77.81
Jan 5 2022	-81.68213	35.92856	63.52	-7.41	438465.01	3976239.29	4220.1	49733.09	49685.26	47.84	77.78
Jan 5 2022	-81.68213	35.92854	63.52	-7.41	438465.33	3976237.66	4221.6	49728.81	49685.25	43.56	77.24
Jan 5 2022	-81.68213	35.92853	63.52	-7.41	438465.58	3976235.99	4223.1	49726.35	49685.25	41.10	76.62
Jan 5 2022	-81.68213	35.92851	63.52	-7.41	438465.65	3976234.47	4224.3	49722.39	49685.25	37.14	76.85
Jan 5 2022	-81.68213	35.92850	63.52	-7.41	438465.63	3976232.97	4225.5	49717.05	49685.24	31.81	77.07
Jan 5 2022	-81.68213	35.92849	63.52	-7.41	438465.78	3976231.55	4226.7	49715.17	49685.23	29.94	77.06
Jan 5 2022	-81.68212	35.92847	63.52	-7.41	438465.97	3976230.21	4227.9	49706.99	49685.22	21.77	76.86
Jan 5 2022	-81.68212	35.92846	63.52	-7.41	438466.03	3976228.79	4229.0	49688.13	49685.20	2.92	76.32
Jan 5 2022	-81.68212	35.92845	63.52	-7.41	438466.12	3976227.42	4230.2	49676.96	49685.19	-8.23	75.47
Jan 5 2022	-81.68212	35.92844	63.52	-7.41	438466.17	3976226.01	4231.3	49676.75	49685.18	-8.43	74.64
Jan 5 2022	-81.68212	35.92842	63.52	-7.41	438466.19	3976224.62	4232.5	49687.23	49685.17	2.06	72.63
Jan 5 2022	-81.68212	35.92841	63.52	-7.41	438466.45	3976223.43	4233.6	49679.76	49685.18	-5.42	67.64
Jan 5 2022	-81.68211	35.92840	63.52	-7.41	438466.75	3976222.13	4234.8	49691.02	49685.18	5.84	63.51
Jan 5 2022	-81.68211	35.92839	63.52	-7.41	438466.94	3976220.42	4236.2	49687.50	49685.17	2.34	61.46
Jan 5 2022	-81.68211	35.92837	63.52	-7.41	438467.04	3976218.65	4237.7	49680.73	49685.15	-4.42	59.79

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68211	35.92835	63.52	-7.41	438467.12	3976216.91	4239.1	49679.59	49685.13	-5.54	57.97
Jan 5 2022	-81.68211	35.92834	63.52	-7.41	438467.19	3976215.11	4240.6	49687.42	49685.12	2.30	56.40
Jan 5 2022	-81.68210	35.92832	63.52	-7.41	438467.79	3976213.33	4242.4	49698.20	49685.12	13.08	55.04
Jan 5 2022	-81.68209	35.92831	63.52	-7.41	438469.11	3976211.70	4244.5	49714.02	49685.11	28.91	54.89
Jan 5 2022	-81.68208	35.92829	63.52	-7.41	438469.85	3976210.14	4246.2	49725.09	49685.11	39.98	55.11
Jan 5 2022	-81.68207	35.92828	63.52	-7.41	438470.17	3976208.26	4247.9	49720.88	49685.11	35.77	55.10
Jan 5 2022	-81.68207	35.92826	63.52	-7.41	438470.64	3976206.38	4249.7	49705.42	49685.11	20.31	54.90
Jan 5 2022	-81.68206	35.92824	63.52	-7.41	438471.29	3976204.59	4251.5	49682.93	49685.10	-2.17	54.29
Jan 5 2022	-81.68205	35.92823	63.52	-7.41	438471.98	3976202.90	4253.2	49677.73	49685.09	-7.36	53.70
Jan 5 2022	-81.68205	35.92822	63.52	-7.41	438472.61	3976201.39	4254.8	49667.92	49685.08	-17.17	53.01
Jan 5 2022	-81.68204	35.92820	63.52	-7.41	438473.44	3976199.86	4256.5	49657.04	49685.08	-28.04	52.43
Jan 5 2022	-81.68203	35.92819	63.52	-7.41	438474.34	3976198.26	4258.4	49649.95	49685.07	-35.11	52.43
Jan 5 2022	-81.68202	35.92817	63.52	-7.41	438475.07	3976196.80	4260.0	49652.70	49685.06	-32.36	51.79
Jan 5 2022	-81.68201	35.92816	63.52	-7.41	438475.61	3976195.44	4261.4	49656.06	49685.05	-28.99	43.19
Jan 5 2022	-81.68201	35.92815	63.52	-7.41	438475.82	3976193.78	4262.8	49654.91	49685.04	-30.14	29.73
Jan 5 2022	-81.68201	35.92813	63.52	-7.41	438476.11	3976192.12	4264.3	49649.83	49685.05	-35.22	22.55
Jan 5 2022	-81.68200	35.92812	63.52	-7.41	438476.52	3976190.62	4265.8	49666.70	49685.05	-18.35	19.17
Jan 5 2022	-81.68200	35.92811	63.52	-7.41	438476.93	3976189.28	4267.1	49660.18	49685.04	-24.86	16.55
Jan 5 2022	-81.68199	35.92809	63.52	-7.41	438477.43	3976188.00	4268.4	49654.56	49685.03	-30.47	15.05
Jan 5 2022	-81.68199	35.92808	63.52	-7.41	438477.69	3976186.61	4269.7	49653.55	49685.02	-31.47	14.33
Jan 5 2022	-81.68198	35.92807	63.52	-7.41	438478.17	3976185.12	4271.1	49652.65	49685.01	-32.36	13.20
Jan 5 2022	-81.68198	35.92806	63.52	-7.41	438478.91	3976183.64	4272.8	49656.84	49685.01	-28.17	12.01
Jan 5 2022	-81.68197	35.92804	63.52	-7.41	438479.52	3976182.35	4274.2	49653.63	49685.02	-31.38	11.11
Jan 5 2022	-81.68196	35.92803	63.52	-7.41	438479.93	3976181.11	4275.4	49649.18	49685.01	-35.83	10.12
Jan 5 2022	-81.68196	35.92802	63.52	-7.41	438480.13	3976179.50	4276.8	49637.33	49685.01	-47.68	8.68

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68196	35.92800	63.52	-7.41	438480.38	3976177.90	4278.2	49614.20	49685.01	-70.82	6.57
Jan 5 2022	-81.68195	35.92799	63.52	-7.41	438481.09	3976176.48	4279.8	49562.44	49685.00	-122.56	3.23
Jan 5 2022	-81.68194	35.92798	63.52	-7.41	438482.14	3976175.06	4281.6	49546.74	49684.99	-138.25	-0.56
Jan 5 2022	-81.68193	35.92796	63.52	-7.41	438483.00	3976173.57	4283.3	49585.66	49684.98	-99.32	-3.63
Jan 5 2022	-81.68192	35.92795	63.52	-7.41	438483.63	3976171.98	4284.9	49594.16	49684.97	-90.81	-6.66
Jan 5 2022	-81.68192	35.92794	63.52	-7.41	438484.21	3976170.50	4286.4	49593.86	49684.97	-91.11	-9.74
Jan 5 2022	-81.68191	35.92792	63.52	-7.41	438484.71	3976169.08	4287.9	49591.78	49684.96	-93.18	-12.85
Jan 5 2022	-81.68191	35.92791	63.52	-7.41	438485.07	3976167.79	4289.1	49591.54	49684.96	-93.42	-15.98
Jan 5 2022	-81.68190	35.92790	63.52	-7.41	438485.33	3976166.40	4290.4	49606.90	49684.95	-78.06	-18.85
Jan 5 2022	-81.68190	35.92789	63.52	-7.41	438485.47	3976164.85	4291.7	49654.58	49684.94	-30.36	-20.61
Jan 5 2022	-81.68190	35.92787	63.52	-7.41	438485.62	3976163.34	4293.0	49711.21	49684.94	26.27	-21.04
Jan 5 2022	-81.68190	35.92786	63.52	-7.41	438485.76	3976161.75	4294.4	49705.77	49684.93	20.84	-21.49
Jan 5 2022	-81.68190	35.92784	63.52	-7.41	438485.94	3976160.24	4295.7	49660.97	49684.93	-23.96	-22.80
Jan 5 2022	-81.68189	35.92783	63.52	-7.41	438486.47	3976158.83	4297.1	49629.33	49684.92	-55.59	-24.65
Jan 5 2022	-81.68188	35.92782	63.52	-7.41	438487.10	3976157.32	4298.7	49618.34	49684.91	-66.57	-26.62
Jan 5 2022	-81.68187	35.92781	63.52	-7.41	438487.98	3976155.97	4300.3	49622.81	49684.90	-62.09	-28.46
Jan 5 2022	-81.68186	35.92779	63.52	-7.41	438489.11	3976154.60	4302.1	49628.35	49684.89	-56.53	-30.02
Jan 5 2022	-81.68185	35.92778	63.52	-7.41	438490.07	3976152.94	4304.0	49629.39	49684.88	-55.49	-31.19
Jan 5 2022	-81.68184	35.92776	63.52	-7.41	438490.78	3976151.30	4305.7	49626.77	49684.87	-58.10	-32.19
Jan 5 2022	-81.68184	35.92775	63.52	-7.41	438491.27	3976149.81	4307.2	49621.59	49684.86	-63.27	-33.29
Jan 5 2022	-81.68183	35.92774	63.52	-7.41	438491.75	3976148.38	4308.6	49627.13	49684.86	-57.73	-34.48
Jan 5 2022	-81.68183	35.92773	63.52	-7.41	438492.23	3976146.98	4310.0	49631.97	49684.85	-52.88	-35.43
Jan 5 2022	-81.68182	35.92771	63.52	-7.41	438492.85	3976145.70	4311.4	49634.91	49684.84	-49.92	-36.55
Jan 5 2022	-81.68181	35.92770	63.52	-7.41	438493.41	3976144.44	4312.8	49628.19	49684.83	-56.64	-37.73
Jan 5 2022	-81.68181	35.92769	63.52	-7.41	438493.75	3976143.07	4314.1	49655.73	49684.83	-29.09	-38.22

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68180	35.92768	63.52	-7.41	438494.27	3976141.55	4315.6	49673.60	49684.82	-11.22	-38.33
Jan 5 2022	-81.68180	35.92766	63.52	-7.41	438494.71	3976140.02	4317.1	49643.90	49684.80	-40.90	-39.20
Jan 5 2022	-81.68179	35.92765	63.52	-7.41	438495.05	3976138.61	4318.4	49652.47	49684.79	-32.32	-40.11
Jan 5 2022	-81.68178	35.92764	63.52	-7.41	438495.88	3976137.41	4319.9	49645.93	49684.79	-38.85	-41.46
Jan 5 2022	-81.68177	35.92763	63.52	-7.41	438497.22	3976136.32	4321.6	49648.58	49684.78	-36.20	-42.98
Jan 5 2022	-81.68175	35.92762	63.52	-7.41	438498.60	3976135.07	4323.4	49628.76	49684.77	-56.01	-44.82
Jan 5 2022	-81.68174	35.92761	63.52	-7.41	438499.45	3976133.77	4324.9	49649.39	49684.76	-35.37	-45.93
Jan 5 2022	-81.68174	35.92759	63.52	-7.41	438499.99	3976132.38	4326.4	49637.27	49684.75	-47.48	-46.84
Jan 5 2022	-81.68173	35.92758	63.52	-7.41	438500.62	3976130.89	4328.0	49639.19	49684.74	-45.55	-47.60
Jan 5 2022	-81.68172	35.92757	63.52	-7.41	438501.34	3976129.54	4329.5	49639.01	49684.74	-45.73	-48.17
Jan 5 2022	-81.68172	35.92756	63.52	-7.41	438501.98	3976128.21	4330.9	49636.62	49684.73	-48.12	-48.58
Jan 5 2022	-81.68171	35.92754	63.52	-7.41	438502.41	3976126.77	4332.3	49638.10	49684.73	-46.62	-48.81
Jan 5 2022	-81.68171	35.92753	63.52	-7.41	438502.77	3976125.31	4333.7	49638.90	49684.72	-45.82	-49.08
Jan 5 2022	-81.68170	35.92752	63.52	-7.41	438503.30	3976123.89	4335.1	49637.28	49684.71	-47.43	-49.44
Jan 5 2022	-81.68169	35.92751	63.52	-7.41	438503.97	3976122.43	4336.7	49640.93	49684.71	-43.79	-49.72
Jan 5 2022	-81.68169	35.92749	63.52	-7.41	438504.65	3976120.79	4338.4	49637.76	49684.71	-46.95	-49.95
Jan 5 2022	-81.68168	35.92748	63.52	-7.41	438505.24	3976119.32	4340.0	49628.42	49684.70	-56.28	-50.71
Jan 5 2022	-81.68167	35.92747	63.52	-7.41	438505.85	3976118.00	4341.4	49608.16	49684.70	-76.54	-51.74
Jan 5 2022	-81.68166	35.92745	63.52	-7.41	438506.52	3976116.59	4342.9	49571.14	49684.69	-113.54	-53.41
Jan 5 2022	-81.68166	35.92744	63.52	-7.41	438507.30	3976115.31	4344.4	49523.95	49684.68	-160.73	-55.99
Jan 5 2022	-81.68164	35.92743	63.52	-7.41	438508.35	3976114.04	4346.1	49516.67	49684.68	-168.00	-58.70
Jan 5 2022	-81.68163	35.92742	63.52	-7.41	438509.53	3976112.63	4347.9	49568.37	49684.68	-116.31	-60.47
Jan 5 2022	-81.68162	35.92740	63.52	-7.41	438510.60	3976111.14	4349.7	49598.16	49684.68	-86.52	-61.57
Jan 5 2022	-81.68161	35.92739	63.52	-7.41	438511.48	3976109.79	4351.3	49620.96	49684.67	-63.71	-62.13
Jan 5 2022	-81.68160	35.92738	63.52	-7.41	438512.13	3976108.62	4352.7	49619.21	49684.66	-65.45	-62.48

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68159	35.92737	63.52	-7.41	438512.77	3976107.36	4354.1	49611.96	49684.66	-72.70	-62.52
Jan 5 2022	-81.68159	35.92736	63.52	-7.41	438513.38	3976105.96	4355.5	49592.70	49684.65	-91.95	-61.91
Jan 5 2022	-81.68158	35.92734	63.52	-7.41	438513.89	3976104.57	4357.0	49561.96	49684.64	-122.68	-61.60
Jan 5 2022	-81.68157	35.92733	63.52	-7.41	438514.57	3976103.31	4358.4	49536.28	49684.63	-148.36	-62.58
Jan 5 2022	-81.68157	35.92732	63.52	-7.41	438515.30	3976102.12	4359.8	49483.14	49684.62	-201.48	-64.79
Jan 5 2022	-81.68156	35.92731	63.52	-7.41	438516.11	3976101.05	4361.1	49475.53	49684.62	-209.09	-67.15
Jan 5 2022	-81.68155	35.92730	63.52	-7.41	438517.14	3976099.97	4362.6	49452.86	49684.62	-231.76	-69.92
Jan 5 2022	-81.68153	35.92729	63.52	-7.41	438518.23	3976098.96	4364.0	49423.30	49684.62	-261.32	-73.28
Jan 5 2022	-81.68152	35.92729	63.52	-7.41	438519.33	3976098.04	4365.4	49405.45	49684.63	-279.18	-77.30
Jan 5 2022	-81.68151	35.92728	63.52	-7.41	438520.45	3976097.12	4366.9	49455.19	49684.63	-229.44	-81.28
Jan 5 2022	-81.68150	35.92727	63.52	-7.41	438521.53	3976096.05	4368.4	49755.30	49684.62	70.68	-80.40
Jan 5 2022	-81.68148	35.92726	63.52	-7.41	438522.63	3976094.79	4370.0	50503.68	49684.62	819.06	-64.43
Jan 5 2022	-81.68147	35.92725	63.52	-7.41	438523.64	3976093.63	4371.6	50263.74	49684.61	579.12	-52.37
Jan 5 2022	-81.68146	35.92724	63.52	-7.41	438524.61	3976092.57	4373.0	49735.54	49684.62	50.92	-50.24
Jan 5 2022	-81.68145	35.92723	63.52	-7.41	438525.84	3976091.50	4374.6	49587.51	49684.63	-97.12	-50.85
Jan 5 2022	-81.68143	35.92722	63.52	-7.41	438527.14	3976090.36	4376.3	49565.31	49684.63	-119.32	-51.99
Jan 5 2022	-81.68142	35.92721	63.52	-7.41	438528.26	3976089.36	4377.7	49557.53	49684.63	-127.10	-53.41
Jan 5 2022	-81.68141	35.92720	63.52	-7.41	438529.45	3976088.57	4379.1	49555.22	49684.63	-129.40	-54.88
Jan 5 2022	-81.68139	35.92719	63.52	-7.41	438530.89	3976087.80	4380.6	49563.73	49684.62	-120.89	-56.14
Jan 5 2022	-81.68138	35.92719	63.52	-7.41	438532.33	3976086.99	4382.1	49588.89	49684.61	-95.72	-56.79
Jan 5 2022	-81.68136	35.92718	63.52	-7.41	438533.55	3976086.08	4383.5	49638.28	49684.60	-46.33	-56.56
Jan 5 2022	-81.68135	35.92717	63.52	-7.41	438534.64	3976085.08	4385.0	49631.02	49684.59	-53.57	-56.57
Jan 5 2022	-81.68134	35.92716	63.52	-7.41	438535.71	3976084.18	4386.4	49638.82	49684.59	-45.77	-56.49
Jan 5 2022	-81.68133	35.92716	63.52	-7.41	438536.82	3976083.39	4387.7	49638.79	49684.59	-45.80	-56.27
Jan 5 2022	-81.68131	35.92715	63.52	-7.41	438537.94	3976082.44	4389.1	49666.43	49684.59	-18.16	-56.06

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.68130	35.92714	63.52	-7.41	438538.99	3976081.26	4390.7	49670.38	49684.58	-14.20	-56.12
Jan 5 2022	-81.68129	35.92712	63.52	-7.41	438540.11	3976079.99	4392.4	49657.51	49684.58	-27.07	-55.84
Jan 5 2022	-81.68128	35.92711	63.52	-7.41	438541.20	3976078.68	4394.1	49651.40	49684.57	-33.17	-55.86
Jan 5 2022	-81.68127	35.92710	63.52	-7.41	438542.24	3976077.23	4395.9	49650.61	49684.56	-33.95	-55.76
Jan 5 2022	-81.68125	35.92709	63.52	-7.41	438543.43	3976075.79	4397.7	49643.33	49684.55	-41.22	-55.86
Jan 5 2022	-81.68124	35.92708	63.52	-7.41	438544.65	3976074.47	4399.5	49619.99	49684.54	-64.56	-56.03
Jan 5 2022	-81.68122	35.92707	63.52	-7.41	438545.89	3976073.37	4401.1	49603.57	49684.54	-80.97	-56.94
Jan 5 2022	-81.68121	35.92706	63.52	-7.41	438547.10	3976072.41	4402.6	49606.49	49684.53	-78.04	-57.55
Jan 5 2022	-81.68120	35.92705	63.52	-7.41	438548.32	3976071.48	4404.1	49612.26	49684.53	-72.27	-58.09
Jan 5 2022	-81.68118	35.92704	63.52	-7.41	438549.68	3976070.73	4405.5	49598.87	49684.53	-85.66	-58.89
Jan 5 2022	-81.68117	35.92703	63.52	-7.41	438551.17	3976069.86	4407.1	49592.24	49684.53	-92.29	-59.77
Jan 5 2022	-81.68115	35.92703	63.52	-7.41	438552.58	3976068.96	4408.7	49586.51	49684.52	-98.02	-60.80
Jan 5 2022	-81.68114	35.92702	63.52	-7.41	438553.72	3976068.14	4410.0	49588.33	49684.52	-96.19	-61.80
Jan 5 2022	-81.68113	35.92701	63.52	-7.41	438554.65	3976067.23	4411.3	49599.88	49684.52	-84.63	-62.55
Jan 5 2022	-81.68112	35.92700	63.52	-7.41	438555.60	3976066.31	4412.6	49609.72	49684.51	-74.80	-63.17
Jan 5 2022	-81.68110	35.92699	63.52	-7.41	438556.80	3976065.44	4414.0	49611.80	49684.51	-72.71	-63.68
Jan 5 2022	-81.68109	35.92699	63.52	-7.41	438558.07	3976064.70	4415.4	49613.07	49684.50	-71.44	-63.99
Jan 5 2022	-81.68108	35.92698	63.52	-7.41	438559.16	3976064.15	4416.5	49624.63	49684.50	-59.86	-63.65
Jan 5 2022	-81.68106	35.92698	63.52	-7.41	438560.27	3976063.68	4417.5	49626.70	49684.50	-57.80	-62.54
Jan 5 2022	-81.68105	35.92697	63.52	-7.41	438561.38	3976063.10	4418.7	49620.02	49684.50	-64.48	-60.61
Jan 5 2022	-81.68104	35.92697	63.52	-7.41	438562.51	3976062.40	4419.9	49622.12	49684.49	-62.37	-58.50
Jan 5 2022	-81.68103	35.92696	63.52	-7.41	438563.78	3976061.85	4421.1	49628.95	49684.48	-55.53	-57.29
Jan 5 2022	-81.68101	35.92696	63.52	-7.41	438565.11	3976061.33	4422.3	49625.69	49684.48	-58.79	-56.73
Jan 5 2022	-81.68100	35.92695	63.52	-7.41	438566.43	3976060.60	4423.7	49621.85	49684.47	-62.63	-56.71
Jan 5 2022	-81.68098	35.92695	63.52	-7.41	438567.74	3976059.92	4425.0	49620.27	49684.47	-64.21	-56.68

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68097	35.92694	63.52	-7.41	438568.91	3976059.35	4426.2	49621.70	49684.47	-62.77	-56.49
Jan 5 2022	-81.68096	35.92694	63.52	-7.41	438570.08	3976058.97	4427.2	49623.17	49684.46	-61.29	-55.87
Jan 5 2022	-81.68094	35.92694	63.52	-7.41	438571.57	3976058.76	4428.3	49622.77	49684.45	-61.69	-54.65
Jan 5 2022	-81.68092	35.92693	63.52	-7.41	438573.25	3976058.43	4429.5	49620.79	49684.45	-63.66	-52.96
Jan 5 2022	-81.68090	35.92693	63.52	-7.41	438574.70	3976057.81	4430.9	49618.43	49684.44	-66.02	-50.25
Jan 5 2022	-81.68089	35.92692	63.52	-7.41	438575.89	3976056.96	4432.3	49613.47	49684.44	-70.96	-47.49
Jan 5 2022	-81.68088	35.92691	63.52	-7.41	438577.02	3976056.04	4433.7	49610.71	49684.42	-73.71	-44.33
Jan 5 2022	-81.68087	35.92690	63.52	-7.41	438578.15	3976055.10	4435.2	49604.71	49684.41	-79.70	-40.69
Jan 5 2022	-81.68085	35.92690	63.52	-7.41	438579.56	3976054.25	4436.7	49601.89	49684.41	-82.52	-36.76
Jan 5 2022	-81.68083	35.92689	63.52	-7.41	438580.95	3976053.56	4438.1	49595.19	49684.41	-89.22	-33.96
Jan 5 2022	-81.68082	35.92688	63.52	-7.41	438582.39	3976053.06	4439.3	49590.92	49684.41	-93.49	-37.24
Jan 5 2022	-81.68080	35.92688	63.52	-7.41	438584.20	3976052.74	4440.7	49587.63	49684.40	-96.77	-55.56
Jan 5 2022	-81.68078	35.92688	63.52	-7.41	438585.89	3976052.35	4442.0	49587.02	49684.39	-97.37	-69.09
Jan 5 2022	-81.68076	35.92688	63.52	-7.41	438587.57	3976052.04	4443.3	49591.39	49684.39	-93.00	-71.96
Jan 5 2022	-81.68074	35.92687	63.52	-7.41	438589.33	3976051.75	4444.6	49590.11	49684.39	-94.28	-71.91
Jan 5 2022	-81.68073	35.92687	63.52	-7.41	438590.81	3976051.30	4445.8	49590.48	49684.39	-93.92	-71.40
Jan 5 2022	-81.68071	35.92687	63.52	-7.41	438592.17	3976050.81	4447.1	49586.62	49684.40	-97.78	-70.81
Jan 5 2022	-81.68069	35.92686	63.52	-7.41	438593.68	3976050.20	4448.5	49588.83	49684.39	-95.56	-70.14
Jan 5 2022	-81.68068	35.92685	63.52	-7.41	438595.09	3976049.53	4449.8	49590.21	49684.39	-94.18	-69.60
Jan 5 2022	-81.68066	35.92685	63.52	-7.41	438596.40	3976048.90	4451.1	49583.35	49684.38	-101.03	-69.71
Jan 5 2022	-81.68065	35.92684	63.52	-7.41	438597.98	3976048.29	4452.6	49584.16	49684.38	-100.21	-70.79
Jan 5 2022	-81.68063	35.92684	63.52	-7.41	438599.52	3976047.88	4453.8	49572.56	49684.38	-111.82	-71.95
Jan 5 2022	-81.68061	35.92684	63.52	-7.41	438600.82	3976047.56	4454.9	49552.49	49684.37	-131.88	-73.67
Jan 5 2022	-81.68060	35.92683	63.52	-7.41	438602.03	3976047.15	4455.9	49542.26	49684.36	-142.11	-75.60
Jan 5 2022	-81.68059	35.92683	63.52	-7.41	438603.24	3976046.61	4457.1	49472.46	49684.36	-211.90	-79.47

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68058	35.92682	63.52	-7.41	438604.25	3976046.11	4458.1	49236.15	49684.36	-448.21	-88.15
Jan 5 2022	-81.68056	35.92682	63.52	-7.41	438605.43	3976045.79	4459.1	49313.43	49684.36	-370.93	-95.03
Jan 5 2022	-81.68055	35.92682	63.52	-7.41	438607.02	3976045.69	4460.1	49432.26	49684.36	-252.11	-99.41
Jan 5 2022	-81.68053	35.92682	63.52	-7.41	438608.49	3976045.73	4461.0	49517.31	49684.36	-167.05	-102.07
Jan 5 2022	-81.68051	35.92682	63.52	-7.41	438609.95	3976045.60	4462.0	49551.12	49684.35	-133.23	-103.91
Jan 5 2022	-81.68050	35.92682	63.52	-7.41	438611.36	3976045.34	4463.0	49556.21	49684.35	-128.13	-105.18
Jan 5 2022	-81.68048	35.92681	63.52	-7.41	438612.59	3976044.96	4464.1	49544.36	49684.34	-139.98	-106.36
Jan 5 2022	-81.68047	35.92681	63.52	-7.41	438613.83	3976044.28	4465.4	49496.88	49684.33	-187.45	-108.55
Jan 5 2022	-81.68045	35.92680	63.52	-7.41	438615.21	3976043.53	4466.8	49434.86	49684.32	-249.46	-112.10
Jan 5 2022	-81.68044	35.92680	63.52	-7.41	438616.59	3976043.01	4468.1	49480.00	49684.31	-204.31	-114.47
Jan 5 2022	-81.68042	35.92679	63.52	-7.41	438618.03	3976042.66	4469.2	49433.77	49684.30	-250.52	-117.63
Jan 5 2022	-81.68041	35.92679	63.52	-7.41	438619.59	3976042.46	4470.3	49366.88	49684.29	-317.41	-122.02
Jan 5 2022	-81.68039	35.92679	63.52	-7.41	438621.04	3976042.30	4471.4	49310.77	49684.30	-373.53	-127.57
Jan 5 2022	-81.68037	35.92679	63.52	-7.41	438622.49	3976042.15	4472.4	49139.35	49684.30	-544.94	-136.77
Jan 5 2022	-81.68033	35.92679	63.52	-7.41	438626.81	3976041.90	4475.2	49040.01	49684.30	-644.29	-148.16
Jan 5 2022	-81.68031	35.92679	63.52	-7.41	438628.17	3976041.83	4476.1	49424.76	49684.29	-259.54	-151.90
Jan 5 2022	-81.68029	35.92679	63.52	-7.41	438629.71	3976041.75	4477.1	49488.59	49684.29	-195.70	-154.39
Jan 5 2022	-81.68028	35.92679	63.52	-7.41	438631.29	3976041.66	4478.1	49498.34	49684.29	-185.95	-156.91
Jan 5 2022	-81.68026	35.92678	63.52	-7.41	438632.86	3976041.60	4479.1	49502.29	49684.29	-182.00	-159.39
Jan 5 2022	-81.68024	35.92678	63.52	-7.41	438634.39	3976041.33	4480.3	49499.64	49684.29	-184.65	-161.80
Jan 5 2022	-81.68023	35.92678	63.52	-7.41	438635.84	3976041.00	4481.4	49504.57	49684.28	-179.72	-164.14
Jan 5 2022	-81.68021	35.92678	63.52	-7.41	438637.11	3976040.79	4482.3	49530.85	49684.27	-153.42	-166.10
Jan 5 2022	-81.68020	35.92678	63.52	-7.41	438638.38	3976040.89	4483.0	49547.62	49684.27	-136.65	-167.66
Jan 5 2022	-81.68018	35.92679	63.52	-7.41	438639.71	3976041.60	4483.3	49565.09	49684.27	-119.18	-168.79
Jan 5 2022	-81.68017	35.92679	63.52	-7.41	438641.11	3976042.38	4483.5	49583.42	49684.27	-100.85	-169.52

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.68015	35.92680	63.52	-7.41	438642.57	3976042.85	4484.1	49594.78	49684.28	-89.49	-170.06
Jan 5 2022	-81.68014	35.92680	63.52	-7.41	438643.96	3976043.26	4484.6	49606.04	49684.28	-78.24	-170.39
Jan 5 2022	-81.68012	35.92680	63.52	-7.41	438645.53	3976043.46	4485.4	49609.52	49684.28	-74.76	-170.66
Jan 5 2022	-81.68010	35.92680	63.52	-7.41	438647.15	3976043.20	4486.6	49604.61	49684.28	-79.67	-170.98
Jan 5 2022	-81.68008	35.92680	63.52	-7.41	438648.59	3976042.71	4487.9	49598.02	49684.27	-86.26	-171.38
Jan 5 2022	-81.68007	35.92679	63.52	-7.41	438650.03	3976042.28	4489.1	49592.32	49684.27	-91.95	-171.80
Jan 5 2022	-81.68005	35.92679	63.52	-7.41	438651.45	3976041.87	4490.3	49586.07	49684.26	-98.18	-172.29
Jan 5 2022	-81.68004	35.92678	63.52	-7.41	438652.83	3976041.40	4491.5	49577.47	49684.26	-106.79	-172.83
Jan 5 2022	-81.68002	35.92678	63.52	-7.41	438654.23	3976041.03	4492.6	49579.55	49684.26	-104.71	-173.28
Jan 5 2022	-81.68000	35.92678	63.52	-7.41	438655.81	3976040.70	4493.9	49560.71	49684.25	-123.54	-173.96
Jan 5 2022	-81.67999	35.92677	63.52	-7.41	438657.37	3976040.31	4495.1	49423.89	49684.25	-260.36	-177.30
Jan 5 2022	-81.67997	35.92677	63.52	-7.41	438658.65	3976039.70	4496.4	49671.58	49684.24	-12.67	-175.62
Jan 5 2022	-81.67996	35.92676	63.52	-7.41	438659.82	3976039.01	4497.7	50367.63	49684.24	683.39	-160.00
Jan 5 2022	-81.67992	35.92675	63.52	-7.41	438663.54	3976037.75	4501.0	50332.98	49684.23	648.75	-145.17
Jan 5 2022	-81.67990	35.92675	63.52	-7.41	438665.13	3976037.62	4502.0	49700.10	49684.23	15.87	-142.96
Jan 5 2022	-81.67988	35.92675	63.52	-7.41	438666.52	3976037.37	4503.1	49577.86	49684.23	-106.37	-143.21
Jan 5 2022	-81.67987	35.92674	63.52	-7.41	438667.70	3976036.84	4504.2	49547.92	49684.23	-136.31	-143.98
Jan 5 2022	-81.67986	35.92674	63.52	-7.41	438668.94	3976036.38	4505.3	49534.86	49684.24	-149.38	-145.06
Jan 5 2022	-81.67984	35.92674	63.52	-7.41	438670.28	3976035.96	4506.5	49525.92	49684.23	-158.31	-146.34
Jan 5 2022	-81.67983	35.92673	63.52	-7.41	438671.78	3976035.59	4507.7	49523.04	49684.23	-161.19	-147.55
Jan 5 2022	-81.67981	35.92673	63.52	-7.41	438673.29	3976035.17	4509.0	49521.32	49684.23	-162.90	-148.80
Jan 5 2022	-81.67979	35.92672	63.52	-7.41	438674.74	3976034.49	4510.4	49516.56	49684.22	-167.66	-149.92
Jan 5 2022	-81.67978	35.92672	63.52	-7.41	438676.27	3976033.91	4511.8	49506.01	49684.22	-178.21	-150.84
Jan 5 2022	-81.67976	35.92671	63.52	-7.41	438677.72	3976033.55	4513.0	49493.75	49684.21	-190.46	-151.81
Jan 5 2022	-81.67975	35.92671	63.52	-7.41	438678.97	3976033.16	4514.1	49492.66	49684.21	-191.55	-151.40

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67973	35.92671	63.52	-7.41	438680.42	3976032.70	4515.3	49495.20	49684.20	-189.00	-146.22
Jan 5 2022	-81.67971	35.92670	63.52	-7.41	438681.90	3976032.19	4516.6	49492.10	49684.20	-192.10	-142.64
Jan 5 2022	-81.67970	35.92670	63.52	-7.41	438683.23	3976031.75	4517.8	49492.95	49684.21	-191.26	-141.43
Jan 5 2022	-81.67968	35.92670	63.52	-7.41	438684.61	3976031.48	4518.9	49492.10	49684.21	-192.11	-141.93
Jan 5 2022	-81.67967	35.92669	63.52	-7.41	438685.90	3976031.29	4519.8	49495.08	49684.22	-189.14	-143.05
Jan 5 2022	-81.67966	35.92669	63.52	-7.41	438687.01	3976030.84	4520.8	49489.00	49684.22	-195.21	-144.39
Jan 5 2022	-81.67965	35.92668	63.52	-7.41	438687.86	3976030.11	4521.9	49474.91	49684.21	-209.30	-145.77
Jan 5 2022	-81.67964	35.92668	63.52	-7.41	438688.69	3976029.13	4523.2	49449.01	49684.20	-235.20	-146.73
Jan 5 2022	-81.67963	35.92667	63.52	-7.41	438689.67	3976027.96	4524.8	49394.16	49684.20	-290.04	-147.54
Jan 5 2022	-81.67962	35.92666	63.52	-7.41	438690.79	3976026.89	4526.3	49308.93	49684.19	-375.26	-150.96
Jan 5 2022	-81.67960	35.92665	63.52	-7.41	438691.90	3976025.91	4527.7	49272.00	49684.18	-412.18	-154.19
Jan 5 2022	-81.67959	35.92664	63.52	-7.41	438692.86	3976025.10	4529.0	49863.09	49684.17	178.92	-144.27
Jan 5 2022	-81.67956	35.92662	63.52	-7.41	438695.36	3976023.42	4531.8	50086.43	49684.16	402.26	-128.75
Jan 5 2022	-81.67955	35.92662	63.52	-7.41	438696.50	3976022.46	4533.3	49652.42	49684.16	-31.74	-118.49
Jan 5 2022	-81.67954	35.92661	63.52	-7.41	438697.76	3976021.79	4534.6	49516.97	49684.16	-167.19	-108.94
Jan 5 2022	-81.67952	35.92660	63.52	-7.41	438698.94	3976021.12	4535.9	49484.14	49684.15	-200.01	-107.75
Jan 5 2022	-81.67951	35.92660	63.52	-7.41	438700.15	3976020.33	4537.2	49497.20	49684.15	-186.95	-107.58
Jan 5 2022	-81.67950	35.92659	63.52	-7.41	438701.38	3976019.56	4538.6	49525.61	49684.14	-158.54	-107.03
Jan 5 2022	-81.67948	35.92659	63.52	-7.41	438702.83	3976019.05	4539.9	49553.26	49684.13	-130.88	-106.01
Jan 5 2022	-81.67946	35.92658	63.52	-7.42	438704.51	3976018.65	4541.2	49575.97	49684.12	-108.15	-104.48
Jan 5 2022	-81.67944	35.92658	63.52	-7.42	438706.14	3976018.01	4542.8	49592.02	49684.12	-92.09	-102.72
Jan 5 2022	-81.67943	35.92657	63.52	-7.42	438707.73	3976017.27	4544.3	49598.34	49684.11	-85.77	-101.37
Jan 5 2022	-81.67941	35.92657	63.52	-7.42	438709.19	3976016.79	4545.6	49597.69	49684.11	-86.42	-100.37
Jan 5 2022	-81.67940	35.92656	63.52	-7.42	438710.46	3976016.49	4546.6	49597.04	49684.11	-87.07	-99.73
Jan 5 2022	-81.67938	35.92656	63.52	-7.42	438711.81	3976016.12	4547.7	49589.89	49684.11	-94.22	-99.59

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67936	35.92656	63.52	-7.42	438713.36	3976015.69	4549.0	49594.45	49684.10	-89.66	-99.60
Jan 5 2022	-81.67935	35.92655	63.52	-7.42	438714.87	3976015.15	4550.4	49611.31	49684.09	-72.79	-99.49
Jan 5 2022	-81.67933	35.92655	63.52	-7.42	438716.33	3976014.52	4551.8	49622.17	49684.09	-61.92	-99.23
Jan 5 2022	-81.67932	35.92654	63.52	-7.42	438717.68	3976013.74	4553.2	49625.26	49684.08	-58.83	-98.81
Jan 5 2022	-81.67930	35.92653	63.52	-7.42	438718.88	3976012.97	4554.6	49629.09	49684.08	-54.99	-98.19
Jan 5 2022	-81.67929	35.92653	63.52	-7.42	438720.08	3976012.33	4555.8	49639.66	49684.08	-44.42	-97.24
Jan 5 2022	-81.67928	35.92652	63.52	-7.42	438721.08	3976011.63	4557.0	49647.68	49684.07	-36.39	-96.00
Jan 5 2022	-81.67927	35.92651	63.52	-7.42	438722.03	3976010.76	4558.3	49658.94	49684.07	-25.13	-94.37
Jan 5 2022	-81.67925	35.92650	63.52	-7.42	438723.16	3976009.86	4559.7	49672.41	49684.06	-11.65	-92.51
Jan 5 2022	-81.67924	35.92650	63.52	-7.42	438724.17	3976008.92	4561.0	49680.27	49684.05	-3.78	-90.11
Jan 5 2022	-81.67923	35.92649	63.52	-7.42	438725.20	3976007.87	4562.5	49680.63	49684.05	-3.42	-84.97
Jan 5 2022	-81.67922	35.92648	63.52	-7.42	438726.36	3976006.78	4564.1	49674.80	49684.04	-9.24	-84.90
Jan 5 2022	-81.67921	35.92647	63.52	-7.42	438727.45	3976005.89	4565.5	49688.05	49684.03	4.02	-98.49
Jan 5 2022	-81.67919	35.92646	63.52	-7.42	438728.65	3976005.24	4566.7	49687.70	49684.03	3.67	-111.39
Jan 5 2022	-81.67918	35.92646	63.52	-7.42	438729.91	3976004.71	4567.9	49665.13	49684.03	-18.91	-112.09
Jan 5 2022	-81.67917	35.92645	63.52	-7.42	438731.22	3976004.29	4569.1	49654.97	49684.03	-29.06	-110.54
Jan 5 2022	-81.67915	35.92645	63.52	-7.42	438732.70	3976003.87	4570.3	49658.41	49684.03	-25.62	-108.33
Jan 5 2022	-81.67913	35.92645	63.52	-7.42	438734.15	3976003.40	4571.6	49665.45	49684.04	-18.59	-105.71
Jan 5 2022	-81.67912	35.92644	63.52	-7.42	438735.49	3976002.83	4572.9	49672.38	49684.03	-11.66	-102.78
Jan 5 2022	-81.67910	35.92644	63.52	-7.42	438736.95	3976002.31	4574.2	49671.58	49684.03	-12.45	-99.81
Jan 5 2022	-81.67908	35.92644	63.52	-7.42	438738.46	3976002.11	4575.3	49659.36	49684.03	-24.66	-97.04
Jan 5 2022	-81.67907	35.92644	63.52	-7.42	438739.66	3976002.13	4576.0	49649.55	49684.03	-34.48	-94.38
Jan 5 2022	-81.67906	35.92644	63.52	-7.42	438740.83	3976002.19	4576.7	49637.17	49684.03	-46.86	-91.75
Jan 5 2022	-81.67904	35.92643	63.52	-7.42	438742.16	3976002.04	4577.6	49621.67	49684.03	-62.35	-89.19
Jan 5 2022	-81.67903	35.92643	63.52	-7.42	438743.55	3976001.67	4578.8	49608.67	49684.03	-75.36	-86.86

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67901	35.92643	63.52	-7.42	438744.99	3976001.28	4580.0	49604.49	49684.03	-79.54	-84.67
Jan 5 2022	-81.67899	35.92643	63.52	-7.42	438746.60	3976001.04	4581.1	49599.42	49684.03	-84.60	-82.52
Jan 5 2022	-81.67898	35.92642	63.52	-7.42	438748.15	3976000.82	4582.3	49595.62	49684.01	-88.39	-80.47
Jan 5 2022	-81.67896	35.92642	63.52	-7.42	438749.54	3976000.31	4583.5	49589.21	49684.01	-94.79	-78.52
Jan 5 2022	-81.67895	35.92642	63.52	-7.42	438750.91	3975999.94	4584.7	49580.97	49684.00	-103.03	-76.80
Jan 5 2022	-81.67893	35.92641	63.52	-7.42	438752.40	3975999.74	4585.8	49575.23	49684.00	-108.77	-75.07
Jan 5 2022	-81.67891	35.92641	63.52	-7.42	438753.98	3975999.48	4587.0	49570.34	49684.00	-113.66	-73.16
Jan 5 2022	-81.67890	35.92641	63.52	-7.42	438755.35	3975999.09	4588.1	49563.53	49684.00	-120.48	-70.86
Jan 5 2022	-81.67888	35.92640	63.52	-7.42	438756.78	3975998.62	4589.4	49557.78	49684.00	-126.22	-67.59
Jan 5 2022	-81.67886	35.92640	63.52	-7.42	438758.28	3975998.19	4590.7	49552.63	49683.99	-131.36	-62.71
Jan 5 2022	-81.67885	35.92640	63.52	-7.42	438759.52	3975997.96	4591.6	49549.97	49683.99	-134.02	-57.15
Jan 5 2022	-81.67884	35.92640	63.52	-7.42	438760.87	3975997.77	4592.6	49547.72	49683.99	-136.27	-63.45
Jan 5 2022	-81.67882	35.92639	63.52	-7.42	438762.38	3975997.40	4593.8	49542.92	49683.99	-141.07	-74.32
Jan 5 2022	-81.67880	35.92639	63.52	-7.42	438763.77	3975996.99	4595.0	49538.31	49683.98	-145.67	-76.59
Jan 5 2022	-81.67879	35.92639	63.52	-7.42	438765.21	3975996.43	4596.4	49519.21	49683.97	-164.77	-76.55
Jan 5 2022	-81.67877	35.92638	63.52	-7.42	438766.63	3975995.77	4597.8	49216.39	49683.96	-467.58	-81.90
Jan 5 2022	-81.67876	35.92637	63.52	-7.42	438767.96	3975995.11	4599.1	49303.00	49683.96	-380.96	-85.78
Jan 5 2022	-81.67874	35.92637	63.52	-7.42	438769.30	3975994.77	4600.2	49531.36	49683.95	-152.58	-85.66
Jan 5 2022	-81.67873	35.92637	63.52	-7.42	438770.78	3975994.72	4601.2	49513.87	49683.94	-170.07	-86.44
Jan 5 2022	-81.67871	35.92637	63.52	-7.42	438772.44	3975994.53	4602.4	49604.36	49683.94	-79.59	-85.87
Jan 5 2022	-81.67869	35.92637	63.52	-7.42	438774.13	3975994.23	4603.6	49710.62	49683.94	26.68	-83.50
Jan 5 2022	-81.67867	35.92636	63.52	-7.42	438775.50	3975993.95	4604.7	49800.86	49683.93	116.93	-79.44
Jan 5 2022	-81.67866	35.92636	63.52	-7.42	438776.81	3975993.57	4605.8	49809.69	49683.93	125.76	-75.20
Jan 5 2022	-81.67864	35.92636	63.52	-7.42	438778.23	3975993.14	4607.0	49726.18	49683.93	42.26	-72.61
Jan 5 2022	-81.67863	35.92635	63.52	-7.42	438779.45	3975992.59	4608.2	49635.01	49683.93	-48.92	-71.71

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67862	35.92634	63.52	-7.42	438780.56	3975991.80	4609.6	49573.41	49683.93	-110.52	-72.12
Jan 5 2022	-81.67860	35.92634	63.52	-7.42	438781.95	3975991.09	4611.0	49639.09	49683.93	-44.84	-71.56
Jan 5 2022	-81.67859	35.92633	63.52	-7.42	438783.45	3975990.55	4612.3	50307.34	49683.92	623.43	-57.86
Jan 5 2022	-81.67856	35.92633	63.52	-7.42	438785.96	3975990.20	4614.2	49972.66	49683.92	288.74	-50.91
Jan 5 2022	-81.67854	35.92633	63.52	-7.42	438787.45	3975990.25	4615.1	49608.99	49683.92	-74.92	-51.30
Jan 5 2022	-81.67852	35.92633	63.52	-7.42	438788.99	3975990.40	4615.9	49553.07	49683.92	-130.85	-53.03
Jan 5 2022	-81.67851	35.92633	63.52	-7.42	438790.35	3975990.48	4616.7	49552.52	49683.92	-131.40	-54.93
Jan 5 2022	-81.67849	35.92633	63.52	-7.42	438791.75	3975990.16	4617.8	49550.28	49683.93	-133.64	-57.10
Jan 5 2022	-81.67848	35.92633	63.52	-7.42	438793.09	3975989.65	4619.1	49564.36	49683.92	-119.57	-59.26
Jan 5 2022	-81.67846	35.92632	63.52	-7.42	438794.52	3975989.37	4620.2	49584.32	49683.92	-99.60	-61.18
Jan 5 2022	-81.67844	35.92632	63.52	-7.42	438796.14	3975989.37	4621.2	49584.08	49683.91	-99.84	-63.11
Jan 5 2022	-81.67843	35.92632	63.52	-7.42	438797.66	3975989.37	4622.2	49582.96	49683.91	-100.95	-64.94
Jan 5 2022	-81.67841	35.92632	63.52	-7.42	438798.95	3975989.39	4623.0	49597.95	49683.91	-85.96	-66.74
Jan 5 2022	-81.67840	35.92633	63.52	-7.42	438800.31	3975989.66	4623.6	49611.12	49683.91	-72.79	-68.27
Jan 5 2022	-81.67838	35.92633	63.52	-7.42	438801.82	3975990.08	4624.2	49624.63	49683.91	-59.29	-69.08
Jan 5 2022	-81.67836	35.92633	63.52	-7.42	438803.38	3975990.50	4624.9	49647.10	49683.91	-36.81	-69.23
Jan 5 2022	-81.67835	35.92634	63.52	-7.42	438804.82	3975990.58	4625.7	49643.21	49683.90	-40.69	-69.53
Jan 5 2022	-81.67833	35.92633	63.52	-7.42	438806.27	3975990.44	4626.7	49658.91	49683.89	-24.98	-69.66
Jan 5 2022	-81.67832	35.92633	63.52	-7.42	438807.66	3975990.35	4627.7	49660.55	49683.89	-23.34	-69.89
Jan 5 2022	-81.67830	35.92633	63.52	-7.42	438808.93	3975990.21	4628.6	49681.48	49683.89	-2.41	-69.69
Jan 5 2022	-81.67829	35.92633	63.52	-7.42	438810.42	3975990.12	4629.6	49710.37	49683.89	26.48	-68.67
Jan 5 2022	-81.67824	35.92636	63.52	-7.42	438814.80	3975992.93	4630.2	49698.80	49683.89	14.91	-63.08
Jan 5 2022	-81.67822	35.92637	63.52	-7.42	438816.05	3975993.82	4630.3	49705.75	49683.91	21.84	-61.05
Jan 5 2022	-81.67827	35.92633	63.52	-7.42	438811.98	3975990.28	4630.4	49703.39	49683.88	19.51	-67.59
Jan 5 2022	-81.67825	35.92635	63.52	-7.42	438813.98	3975991.79	4630.5	49695.78	49683.88	11.89	-64.88

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.67821	35.92637	63.52	-7.42	438817.56	3975994.39	4630.8	49711.13	49683.91	27.22	-58.81	
Jan 5 2022	-81.67826	35.92634	63.52	-7.42	438813.20	3975990.82	4630.8	49698.28	49683.88	14.40	-66.37	
Jan 5 2022	-81.67819	35.92637	63.52	-7.42	438819.13	3975994.71	4631.5	49719.04	49683.90	35.14	-56.34	
Jan 5 2022	-81.67817	35.92637	63.52	-7.42	438820.55	3975994.86	4632.3	49726.29	49683.90	42.39	-53.60	
Jan 5 2022	-81.67816	35.92637	63.52	-7.42	438821.94	3975994.82	4633.2	49729.93	49683.89	46.04	-50.62	
Jan 5 2022	-81.67814	35.92637	63.52	-7.42	438823.43	3975994.59	4634.3	49740.15	49683.89	56.26	-47.31	
Jan 5 2022	-81.67813	35.92637	63.52	-7.42	438824.87	3975994.37	4635.4	49755.85	49683.89	71.95	-43.60	
Jan 5 2022	-81.67811	35.92637	63.52	-7.42	438826.27	3975994.14	4636.5	49764.98	49683.89	81.09	-39.57	
Jan 5 2022	-81.67810	35.92637	63.52	-7.42	438827.65	3975993.83	4637.6	49767.27	49683.89	83.38	-35.38	
Jan 5 2022	-81.67808	35.92636	63.52	-7.42	438828.95	3975993.56	4638.6	49778.65	49683.88	94.77	-30.86	
Jan 5 2022	-81.67807	35.92636	63.52	-7.42	438830.28	3975993.21	4639.7	49793.70	49683.88	109.82	-25.98	
Jan 5 2022	-81.67805	35.92636	63.52	-7.42	438831.65	3975992.92	4640.8	49795.21	49683.88	111.32	-21.03	
Jan 5 2022	-81.67803	35.92636	63.52	-7.42	438833.12	3975992.92	4641.7	49812.61	49683.89	128.73	-15.63	
Jan 5 2022	-81.67802	35.92636	63.52	-7.42	438834.67	3975992.84	4642.8	49833.73	49683.89	149.84	-9.72	
Jan 5 2022	-81.67800	35.92636	63.52	-7.42	438836.26	3975992.65	4643.9	49830.87	49683.88	146.99	-3.49	
Jan 5 2022	-81.67799	35.92635	63.52	-7.42	438837.44	3975992.37	4644.9	49840.31	49683.87	156.44	8.99	
Jan 5 2022	-81.67798	35.92635	63.52	-7.42	438838.50	3975991.76	4646.0	49835.51	49683.86	151.65	19.65	
Jan 5 2022	-81.67796	35.92634	63.52	-7.42	438839.88	3975991.01	4647.5	49837.62	49683.85	153.77	25.77	
Jan 5 2022	-81.67794	35.92634	63.52	-7.42	438841.28	3975990.54	4648.7	49847.32	49683.86	163.47	32.44	
Jan 5 2022	-81.67793	35.92633	63.52	-7.42	438842.74	3975990.22	4649.9	49857.21	49683.86	173.35	37.50	
Jan 5 2022	-81.67791	35.92633	63.52	-7.42	438844.12	3975989.63	4651.3	49855.59	49683.85	171.74	40.40	
Jan 5 2022	-81.67790	35.92632	63.52	-7.42	438845.45	3975988.93	4652.6	49852.16	49683.84	168.31	41.43	
Jan 5 2022	-81.67788	35.92632	63.52	-7.42	438846.78	3975988.06	4654.1	49834.71	49683.83	150.88	41.93	
Jan 5 2022	-81.67787	35.92631	63.52	-7.42	438848.01	3975987.09	4655.7	49816.88	49683.82	133.06	43.75	
Jan 5 2022	-81.67786	35.92630	63.52	-7.42	438849.27	3975986.22	4657.1	49797.97	49683.82	114.15	47.01	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67784	35.92629	63.52	-7.42	438850.31	3975985.27	4658.5	49807.35	49683.81	123.54	51.69
Jan 5 2022	-81.67783	35.92628	63.52	-7.42	438851.29	3975984.30	4659.9	49836.70	49683.80	152.90	55.65
Jan 5 2022	-81.67782	35.92627	63.52	-7.42	438852.51	3975983.30	4661.5	49866.40	49683.79	182.61	46.83
Jan 5 2022	-81.67780	35.92626	63.52	-7.42	438853.82	3975982.33	4663.0	49880.69	49683.78	196.91	44.99
Jan 5 2022	-81.67779	35.92626	63.52	-7.42	438855.16	3975981.40	4664.6	49892.08	49683.78	208.30	50.66
Jan 5 2022	-81.67777	35.92625	63.52	-7.42	438856.58	3975980.72	4666.0	49904.88	49683.78	221.11	57.70
Jan 5 2022	-81.67775	35.92625	63.52	-7.42	438858.32	3975980.34	4667.4	49913.21	49683.78	229.44	64.91
Jan 5 2022	-81.67774	35.92624	63.52	-7.42	438860.05	3975980.04	4668.8	49953.43	49683.78	269.65	72.98
Jan 5 2022	-81.67772	35.92624	63.52	-7.42	438861.69	3975979.88	4669.9	50052.76	49683.77	369.00	82.75
Jan 5 2022	-81.67770	35.92624	63.52	-7.42	438863.21	3975979.84	4670.9	50071.14	49683.76	387.38	92.49
Jan 5 2022	-81.67768	35.92624	63.52	-7.42	438864.71	3975979.88	4671.8	50155.99	49683.75	472.23	103.93
Jan 5 2022	-81.67767	35.92624	63.52	-7.42	438866.33	3975979.92	4672.8	50030.76	49683.75	347.01	112.89
Jan 5 2022	-81.67765	35.92624	63.52	-7.42	438867.92	3975979.79	4673.9	49972.66	49683.76	288.90	120.39
Jan 5 2022	-81.67763	35.92624	63.52	-7.42	438869.37	3975979.60	4675.0	49962.31	49683.76	278.54	127.42
Jan 5 2022	-81.67762	35.92624	63.52	-7.42	438870.77	3975979.25	4676.2	49959.87	49683.76	276.11	134.12
Jan 5 2022	-81.67760	35.92623	63.52	-7.42	438872.19	3975978.67	4677.5	49955.26	49683.76	271.51	140.29
Jan 5 2022	-81.67759	35.92623	63.52	-7.42	438873.52	3975978.05	4678.9	49946.58	49683.75	262.83	146.36
Jan 5 2022	-81.67757	35.92622	63.52	-7.42	438874.90	3975977.43	4680.2	49946.62	49683.75	262.87	152.12
Jan 5 2022	-81.67755	35.92622	63.52	-7.42	438876.46	3975976.92	4681.6	49698.08	49683.75	14.33	152.87
Jan 5 2022	-81.67753	35.92621	63.52	-7.42	438878.11	3975976.49	4683.0	49860.19	49683.74	176.45	156.45
Jan 5 2022	-81.67752	35.92621	63.52	-7.42	438879.65	3975976.25	4684.1	49815.40	49683.74	131.66	158.55
Jan 5 2022	-81.67750	35.92621	63.52	-7.42	438881.01	3975976.08	4685.1	49727.98	49683.74	44.24	159.05
Jan 5 2022	-81.67749	35.92621	63.52	-7.42	438882.39	3975975.96	4686.1	49866.32	49683.73	182.59	162.41
Jan 5 2022	-81.67747	35.92621	63.52	-7.42	438883.91	3975975.98	4687.1	49871.03	49683.73	187.30	165.92
Jan 5 2022	-81.67745	35.92621	63.52	-7.42	438885.44	3975975.86	4688.1	49864.37	49683.73	180.64	169.23

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67744	35.92621	63.52	-7.42	438887.03	3975975.65	4689.3	49869.12	49683.73	185.39	172.50
Jan 5 2022	-81.67742	35.92620	63.52	-7.42	438888.67	3975975.36	4690.6	49852.86	49683.73	169.14	175.34
Jan 5 2022	-81.67740	35.92620	63.52	-7.42	438890.12	3975975.02	4691.8	49855.15	49683.73	171.42	178.07
Jan 5 2022	-81.67739	35.92620	63.52	-7.42	438891.49	3975974.51	4693.0	49911.06	49683.72	227.34	181.77
Jan 5 2022	-81.67737	35.92619	63.52	-7.42	438892.72	3975973.84	4694.3	49911.88	49683.71	228.16	185.41
Jan 5 2022	-81.67736	35.92618	63.52	-7.42	438894.11	3975973.26	4695.7	49860.44	49683.71	176.73	187.82
Jan 5 2022	-81.67734	35.92618	63.52	-7.42	438895.62	3975972.85	4696.9	49852.28	49683.71	168.58	189.75
Jan 5 2022	-81.67733	35.92618	63.52	-7.42	438896.89	3975972.70	4697.9	49855.87	49683.70	172.17	191.57
Jan 5 2022	-81.67731	35.92618	63.52	-7.42	438898.21	3975972.52	4698.8	49848.34	49683.70	164.63	193.20
Jan 5 2022	-81.67730	35.92618	63.52	-7.42	438899.58	3975972.48	4699.8	49838.12	49683.70	154.42	194.39
Jan 5 2022	-81.67728	35.92618	63.52	-7.42	438900.95	3975972.64	4700.5	49827.92	49683.70	144.22	195.08
Jan 5 2022	-81.67727	35.92618	63.52	-7.42	438902.32	3975972.80	4701.3	49820.51	49683.70	136.81	195.59
Jan 5 2022	-81.67725	35.92618	63.52	-7.42	438903.79	3975972.77	4702.2	49823.91	49683.70	140.22	195.82
Jan 5 2022	-81.67723	35.92618	63.52	-7.42	438905.29	3975972.67	4703.3	49822.48	49683.69	138.79	195.60
Jan 5 2022	-81.67722	35.92618	63.52	-7.42	438906.74	3975972.40	4704.4	49823.66	49683.68	139.97	195.46
Jan 5 2022	-81.67720	35.92617	63.52	-7.42	438908.35	3975971.98	4705.7	49825.81	49683.68	142.13	195.17
Jan 5 2022	-81.67718	35.92617	63.52	-7.42	438910.00	3975971.62	4707.1	49823.31	49683.68	139.63	194.93
Jan 5 2022	-81.67716	35.92617	63.52	-7.42	438911.45	3975971.21	4708.3	49817.35	49683.68	133.67	194.53
Jan 5 2022	-81.67715	35.92617	63.52	-7.42	438912.80	3975971.01	4709.3	49805.74	49683.68	122.06	193.70
Jan 5 2022	-81.67713	35.92617	63.52	-7.42	438914.28	3975970.99	4710.3	49788.23	49683.69	104.54	192.32
Jan 5 2022	-81.67712	35.92617	63.52	-7.42	438915.73	3975970.93	4711.3	49767.83	49683.68	84.15	190.57
Jan 5 2022	-81.67710	35.92616	63.52	-7.42	438917.21	3975970.87	4712.3	49733.24	49683.68	49.56	188.20
Jan 5 2022	-81.67708	35.92616	63.52	-7.42	438918.73	3975970.68	4713.4	49733.73	49683.68	50.05	186.18
Jan 5 2022	-81.67707	35.92616	63.52	-7.42	438920.09	3975970.40	4714.5	49856.37	49683.68	172.68	186.97
Jan 5 2022	-81.67705	35.92616	63.52	-7.42	438921.49	3975970.07	4715.6	49923.27	49683.68	239.59	189.48

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67704	35.92615	63.52	-7.42	438922.93	3975969.64	4716.9	49821.76	49683.67	138.08	189.77
Jan 5 2022	-81.67702	35.92615	63.52	-7.42	438924.33	3975969.14	4718.2	49768.30	49683.67	84.63	188.41
Jan 5 2022	-81.67701	35.92614	63.52	-7.42	438925.60	3975968.59	4719.4	49757.76	49683.67	74.09	186.24
Jan 5 2022	-81.67699	35.92614	63.52	-7.42	438926.84	3975968.06	4720.6	49761.79	49683.67	78.12	183.86
Jan 5 2022	-81.67698	35.92614	63.52	-7.42	438928.28	3975967.82	4721.7	49781.12	49683.67	97.45	181.64
Jan 5 2022	-81.67696	35.92614	63.52	-7.42	438929.80	3975967.75	4722.7	49794.97	49683.67	111.30	179.45
Jan 5 2022	-81.67694	35.92614	63.52	-7.42	438931.34	3975967.48	4723.9	49822.20	49683.67	138.53	177.63
Jan 5 2022	-81.67693	35.92613	63.52	-7.42	438932.82	3975967.16	4725.1	49856.36	49683.67	172.69	175.69
Jan 5 2022	-81.67691	35.92613	63.52	-7.42	438934.46	3975966.95	4726.3	49888.28	49683.67	204.60	172.40
Jan 5 2022	-81.67689	35.92613	63.52	-7.42	438936.14	3975966.39	4727.9	49900.66	49683.68	216.98	168.99
Jan 5 2022	-81.67687	35.92612	63.52	-7.42	438937.60	3975965.75	4729.3	49870.91	49683.67	187.23	163.29
Jan 5 2022	-81.67686	35.92612	63.52	-7.42	438939.06	3975965.23	4730.6	49851.53	49683.66	167.86	159.71
Jan 5 2022	-81.67684	35.92611	63.52	-7.42	438940.52	3975964.70	4732.0	49840.82	49683.65	157.17	157.08
Jan 5 2022	-81.67683	35.92611	63.52	-7.42	438942.03	3975964.35	4733.2	49822.91	49683.64	139.26	154.29
Jan 5 2022	-81.67681	35.92610	63.52	-7.42	438943.70	3975964.05	4734.5	49793.05	49683.64	109.42	150.96
Jan 5 2022	-81.67679	35.92610	63.52	-7.42	438945.40	3975963.81	4735.8	49797.61	49683.63	113.98	147.81
Jan 5 2022	-81.67677	35.92610	63.52	-7.42	438946.95	3975963.53	4737.0	49911.75	49683.63	228.12	147.11
Jan 5 2022	-81.67675	35.92610	63.52	-7.42	438948.52	3975963.22	4738.2	50116.71	49683.62	433.09	150.52
Jan 5 2022	-81.67673	35.92610	63.52	-7.42	438950.23	3975963.23	4739.3	50037.18	49683.62	353.56	157.30
Jan 5 2022	-81.67672	35.92610	63.52	-7.42	438951.62	3975963.17	4740.3	49791.88	49683.62	108.26	155.94
Jan 5 2022	-81.67671	35.92609	63.52	-7.42	438952.78	3975962.87	4741.3	49791.73	49683.61	108.12	155.47
Jan 5 2022	-81.67669	35.92609	63.52	-7.42	438954.11	3975962.58	4742.3	49797.35	49683.61	113.74	156.86
Jan 5 2022	-81.67668	35.92609	63.52	-7.42	438955.55	3975962.24	4743.5	49806.04	49683.61	122.43	155.65
Jan 5 2022	-81.67666	35.92609	63.52	-7.42	438957.08	3975961.90	4744.8	49817.73	49683.61	134.12	154.59
Jan 5 2022	-81.67664	35.92608	63.52	-7.42	438958.74	3975961.47	4746.2	49824.84	49683.60	141.23	153.80

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67662	35.92608	63.52	-7.42	438960.52	3975961.13	4747.6	49821.98	49683.60	138.38	152.86
Jan 5 2022	-81.67660	35.92608	63.52	-7.42	438962.08	3975960.86	4748.8	49831.50	49683.60	147.90	152.44
Jan 5 2022	-81.67659	35.92607	63.52	-7.42	438963.59	3975960.49	4750.0	49836.21	49683.60	152.61	152.06
Jan 5 2022	-81.67657	35.92607	63.52	-7.42	438965.14	3975959.97	4751.4	49833.16	49683.59	149.56	150.51
Jan 5 2022	-81.67655	35.92607	63.52	-7.42	438966.69	3975959.58	4752.7	49830.01	49683.59	146.42	148.87
Jan 5 2022	-81.67653	35.92606	63.52	-7.42	438968.25	3975959.35	4753.9	49822.07	49683.59	138.48	148.11
Jan 5 2022	-81.67652	35.92606	63.52	-7.42	438969.62	3975959.04	4755.0	49832.92	49683.59	149.33	147.72
Jan 5 2022	-81.67651	35.92606	63.52	-7.42	438970.86	3975958.78	4756.0	49834.72	49683.58	151.14	147.30
Jan 5 2022	-81.67649	35.92606	63.52	-7.42	438972.19	3975958.45	4757.2	49836.82	49683.56	153.26	147.07
Jan 5 2022	-81.67647	35.92605	63.52	-7.42	438973.72	3975958.00	4758.5	49838.45	49683.56	154.89	147.08
Jan 5 2022	-81.67646	35.92605	63.52	-7.42	438975.17	3975957.64	4759.7	49840.22	49683.56	156.66	147.33
Jan 5 2022	-81.67644	35.92605	63.52	-7.42	438976.58	3975957.53	4760.7	49834.51	49683.56	150.96	147.61
Jan 5 2022	-81.67643	35.92605	63.52	-7.42	438978.11	3975957.46	4761.7	49821.90	49683.56	138.34	147.58
Jan 5 2022	-81.67641	35.92605	63.52	-7.42	438979.58	3975957.32	4762.8	49809.78	49683.55	126.23	147.33
Jan 5 2022	-81.67639	35.92605	63.52	-7.42	438981.02	3975957.15	4763.9	49820.19	49683.54	136.65	147.26
Jan 5 2022	-81.67638	35.92604	63.52	-7.42	438982.20	3975956.76	4764.9	49809.93	49683.54	126.39	146.94
Jan 5 2022	-81.67637	35.92604	63.52	-7.42	438982.86	3975956.30	4765.7	49843.31	49683.53	159.78	147.35
Jan 5 2022	-81.67636	35.92604	63.52	-7.42	438983.78	3975956.12	4766.4	49879.44	49683.53	195.91	148.59
Jan 5 2022	-81.67635	35.92603	63.52	-7.42	438985.12	3975955.81	4767.5	49855.56	49683.53	172.03	149.59
Jan 5 2022	-81.67633	35.92603	63.52	-7.42	438986.31	3975955.44	4768.6	49722.92	49683.53	39.39	148.29
Jan 5 2022	-81.67632	35.92603	63.52	-7.42	438987.56	3975955.49	4769.4	49710.73	49683.52	27.20	147.15
Jan 5 2022	-81.67631	35.92603	63.52	-7.42	438988.92	3975955.70	4770.1	49848.14	49683.52	164.61	149.45
Jan 5 2022	-81.67629	35.92603	63.52	-7.42	438990.29	3975955.80	4770.9	49866.79	49683.52	183.27	152.11
Jan 5 2022	-81.67628	35.92603	63.52	-7.42	438991.32	3975955.72	4771.6	49864.68	49683.52	181.16	152.28
Jan 5 2022	-81.67625	35.92605	63.52	-7.42	438993.94	3975957.70	4771.8	49829.86	49683.52	146.34	152.75

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.67626	35.92604	63.52	-7.42	438992.86	3975956.80	4771.8	49846.59	49683.51	163.08	151.51	
Jan 5 2022	-81.67627	35.92604	63.52	-7.42	438992.01	3975955.97	4771.9	49859.61	49683.51	176.10	151.01	
Jan 5 2022	-81.67624	35.92606	63.52	-7.42	438995.16	3975958.55	4772.0	49807.06	49683.51	123.55	153.74	
Jan 5 2022	-81.67622	35.92607	63.52	-7.42	438996.54	3975959.26	4772.3	49759.03	49683.52	75.51	153.69	
Jan 5 2022	-81.67621	35.92607	63.52	-7.42	438997.92	3975959.66	4772.9	49633.63	49683.52	-49.90	150.74	
Jan 5 2022	-81.67619	35.92607	63.52	-7.42	438999.23	3975959.68	4773.7	49262.12	49683.52	-421.40	140.08	
Jan 5 2022	-81.67615	35.92606	63.52	-7.42	439003.16	3975958.75	4777.0	48916.64	49683.50	-766.87	121.98	
Jan 5 2022	-81.67613	35.92606	63.52	-7.42	439004.37	3975958.27	4778.2	49443.47	49683.50	-240.02	113.72	
Jan 5 2022	-81.67612	35.92605	63.52	-7.42	439005.74	3975957.66	4779.5	49635.71	49683.49	-47.78	108.67	
Jan 5 2022	-81.67610	35.92604	63.52	-7.42	439007.12	3975956.95	4780.9	49716.26	49683.50	32.76	104.99	
Jan 5 2022	-81.67609	35.92604	63.52	-7.42	439008.59	3975956.39	4782.3	49750.80	49683.51	67.30	102.59	
Jan 5 2022	-81.67607	35.92604	63.52	-7.42	439010.17	3975956.03	4783.6	49764.28	49683.51	80.76	100.85	
Jan 5 2022	-81.67605	35.92603	63.52	-7.42	439011.68	3975955.63	4784.9	49755.64	49683.52	72.12	99.15	
Jan 5 2022	-81.67604	35.92603	63.52	-7.42	439013.10	3975955.07	4786.3	49736.39	49683.51	52.88	97.42	
Jan 5 2022	-81.67602	35.92602	63.52	-7.42	439014.62	3975954.59	4787.6	49712.69	49683.51	29.18	95.82	
Jan 5 2022	-81.67600	35.92602	63.52	-7.42	439016.15	3975954.39	4788.8	49680.78	49683.50	-2.72	93.48	
Jan 5 2022	-81.67599	35.92602	63.52	-7.42	439017.71	3975954.17	4789.9	49661.94	49683.50	-21.56	88.49	
Jan 5 2022	-81.67597	35.92602	63.52	-7.42	439019.48	3975954.09	4791.2	49651.08	49683.49	-32.42	79.18	
Jan 5 2022	-81.67595	35.92602	63.52	-7.42	439021.16	3975954.05	4792.3	49635.14	49683.49	-48.35	71.14	
Jan 5 2022	-81.67593	35.92602	63.52	-7.42	439022.81	3975953.94	4793.4	49637.80	49683.49	-45.69	68.06	
Jan 5 2022	-81.67591	35.92602	63.52	-7.42	439024.57	3975953.96	4794.6	49659.27	49683.49	-24.22	65.41	
Jan 5 2022	-81.67589	35.92602	63.52	-7.42	439026.30	3975954.06	4795.6	49614.17	49683.49	-69.32	61.75	
Jan 5 2022	-81.67587	35.92602	63.52	-7.42	439027.72	3975954.21	4796.4	49575.98	49683.49	-107.52	57.15	
Jan 5 2022	-81.67586	35.92602	63.52	-7.42	439029.03	3975954.21	4797.3	49755.04	49683.49	71.55	55.90	
Jan 5 2022	-81.67584	35.92602	63.52	-7.42	439030.42	3975954.01	4798.4	49898.85	49683.49	215.36	57.39	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67583	35.92602	63.52	-7.42	439031.65	3975953.71	4799.4	49840.27	49683.49	156.78	57.75
Jan 5 2022	-81.67582	35.92602	63.52	-7.42	439032.89	3975953.57	4800.3	49769.87	49683.49	86.38	56.52
Jan 5 2022	-81.67580	35.92601	63.52	-7.42	439034.31	3975953.25	4801.5	49739.14	49683.48	55.66	54.58
Jan 5 2022	-81.67579	35.92601	63.52	-7.42	439035.80	3975952.55	4803.0	49730.19	49683.47	46.72	52.53
Jan 5 2022	-81.67577	35.92600	63.52	-7.42	439037.08	3975951.86	4804.3	49735.42	49683.47	51.95	50.64
Jan 5 2022	-81.67576	35.92600	63.52	-7.42	439038.31	3975951.33	4805.5	49753.20	49683.46	69.74	49.26
Jan 5 2022	-81.67574	35.92599	63.52	-7.42	439039.58	3975950.98	4806.6	49759.38	49683.45	75.93	47.80
Jan 5 2022	-81.67573	35.92599	63.52	-7.42	439040.83	3975950.60	4807.7	49779.45	49683.44	96.01	46.69
Jan 5 2022	-81.67572	35.92599	63.52	-7.42	439041.96	3975950.18	4808.8	49749.23	49683.43	65.80	44.94
Jan 5 2022	-81.67570	35.92598	63.52	-7.42	439043.27	3975949.79	4809.9	49722.81	49683.43	39.38	42.63
Jan 5 2022	-81.67569	35.92598	63.52	-7.42	439044.80	3975949.29	4811.3	49698.07	49683.42	14.65	39.79
Jan 5 2022	-81.67567	35.92598	63.52	-7.42	439046.41	3975948.93	4812.7	49677.68	49683.41	-5.74	36.66
Jan 5 2022	-81.67564	35.92597	63.52	-7.42	439048.47	3975948.71	4814.2	49661.31	49683.42	-22.11	33.45
Jan 5 2022	-81.67562	35.92597	63.52	-7.42	439050.61	3975948.32	4815.9	49634.93	49683.41	-48.48	29.96
Jan 5 2022	-81.67560	35.92597	63.52	-7.42	439052.58	3975947.96	4817.4	49642.92	49683.41	-40.49	26.41
Jan 5 2022	-81.67558	35.92596	63.52	-7.42	439054.48	3975947.72	4818.9	49727.26	49683.41	43.86	24.76
Jan 5 2022	-81.67556	35.92596	63.52	-7.42	439056.26	3975947.51	4820.2	49824.93	49683.41	141.52	24.40
Jan 5 2022	-81.67554	35.92596	63.52	-7.42	439058.01	3975947.41	4821.4	49888.81	49683.41	205.40	24.59
Jan 5 2022	-81.67552	35.92596	63.52	-7.42	439059.84	3975947.26	4822.7	49919.59	49683.41	236.18	25.87
Jan 5 2022	-81.67550	35.92596	63.52	-7.42	439061.52	3975947.16	4823.9	50122.27	49683.40	438.87	33.86
Jan 5 2022	-81.67548	35.92596	63.52	-7.42	439063.10	3975947.04	4825.0	50033.51	49683.39	350.12	40.32
Jan 5 2022	-81.67547	35.92596	63.52	-7.42	439064.61	3975946.90	4826.1	49783.44	49683.38	100.06	39.03
Jan 5 2022	-81.67545	35.92596	63.52	-7.42	439065.92	3975946.90	4827.0	49705.27	49683.38	21.89	35.80
Jan 5 2022	-81.67544	35.92596	63.52	-7.42	439067.26	3975946.87	4827.9	49692.93	49683.39	9.54	32.37
Jan 5 2022	-81.67542	35.92596	63.52	-7.42	439068.61	3975946.93	4828.7	49699.03	49683.39	15.65	29.16

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67541	35.92596	63.52	-7.42	439069.97	3975947.33	4829.3	49742.09	49683.39	58.69	27.07
Jan 5 2022	-81.67539	35.92597	63.52	-7.42	439071.35	3975947.79	4829.9	49813.73	49683.39	130.34	26.75
Jan 5 2022	-81.67537	35.92597	63.52	-7.42	439072.82	3975947.86	4830.8	49748.70	49683.38	65.32	25.59
Jan 5 2022	-81.67536	35.92597	63.52	-7.42	439074.45	3975947.73	4831.9	49695.17	49683.38	11.79	24.31
Jan 5 2022	-81.67534	35.92596	63.52	-7.42	439076.14	3975947.42	4833.3	49410.77	49683.37	-272.60	19.86
Jan 5 2022	-81.67532	35.92596	63.52	-7.42	439077.78	3975947.07	4834.6	49428.11	49683.38	-255.26	23.18
Jan 5 2022	-81.67530	35.92596	63.52	-7.42	439079.22	3975946.78	4835.8	49658.30	49683.38	-25.08	38.02
Jan 5 2022	-81.67529	35.92595	63.52	-7.42	439080.52	3975946.39	4836.9	49902.92	49683.38	219.54	47.21
Jan 5 2022	-81.67527	35.92595	63.52	-7.42	439081.92	3975946.07	4838.1	49994.58	49683.38	311.20	54.39
Jan 5 2022	-81.67526	35.92595	63.52	-7.42	439083.50	3975945.83	4839.3	50321.89	49683.38	638.52	66.50
Jan 5 2022	-81.67524	35.92595	63.52	-7.42	439084.96	3975945.41	4840.6	50618.34	49683.37	934.98	83.86
Jan 5 2022	-81.67514	35.92592	63.52	-7.42	439094.01	3975942.67	4848.6	50399.18	49683.34	715.84	96.56
Jan 5 2022	-81.67512	35.92592	63.52	-7.42	439095.34	3975942.38	4849.7	49648.55	49683.33	-34.78	94.42
Jan 5 2022	-81.67511	35.92592	63.52	-7.42	439096.73	3975942.06	4850.9	49510.45	49683.33	-172.88	89.90
Jan 5 2022	-81.67509	35.92591	63.52	-7.42	439098.39	3975941.66	4852.3	49505.85	49683.33	-177.48	85.77
Jan 5 2022	-81.67507	35.92591	63.52	-7.42	439099.92	3975941.33	4853.5	49591.01	49683.32	-92.31	83.98
Jan 5 2022	-81.67506	35.92591	63.52	-7.42	439101.24	3975940.82	4854.8	49762.71	49683.32	79.39	86.00
Jan 5 2022	-81.67504	35.92590	63.52	-7.42	439102.76	3975940.24	4856.2	50194.17	49683.32	510.85	96.86
Jan 5 2022	-81.67502	35.92590	63.52	-7.42	439104.56	3975939.88	4857.7	50519.63	49683.31	836.32	114.56
Jan 5 2022	-81.67500	35.92589	63.52	-7.42	439106.24	3975939.57	4859.0	50090.57	49683.30	407.27	123.62
Jan 5 2022	-81.67499	35.92589	63.52	-7.42	439107.66	3975939.09	4860.3	49794.69	49683.29	111.40	126.33
Jan 5 2022	-81.67497	35.92589	63.52	-7.42	439109.19	3975938.55	4861.7	49617.97	49683.28	-65.32	126.41
Jan 5 2022	-81.67495	35.92588	63.52	-7.42	439110.61	3975938.08	4863.0	49765.85	49683.27	82.58	130.21
Jan 5 2022	-81.67494	35.92588	63.52	-7.42	439111.57	3975937.84	4863.9	49921.27	49683.27	237.99	133.54
Jan 5 2022	-81.67494	35.92588	63.52	-7.42	439112.33	3975937.84	4864.3	49767.61	49683.28	84.34	130.92

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67493	35.92588	63.52	-7.42	439113.15	3975937.66	4865.0	49529.15	49683.28	-154.13	124.70
Jan 5 2022	-81.67491	35.92588	63.52	-7.42	439114.38	3975937.42	4866.0	49533.91	49683.27	-149.36	119.99
Jan 5 2022	-81.67490	35.92588	63.52	-7.42	439115.77	3975937.41	4867.0	49537.97	49683.27	-145.30	115.97
Jan 5 2022	-81.67489	35.92588	63.52	-7.42	439116.79	3975937.71	4867.4	49530.01	49683.28	-153.27	111.97
Jan 5 2022	-81.67488	35.92588	63.52	-7.42	439117.72	3975937.98	4867.8	49505.57	49683.29	-177.72	107.37
Jan 5 2022	-81.67487	35.92588	63.52	-7.42	439118.43	3975937.80	4868.4	49478.07	49683.28	-205.21	101.87
Jan 5 2022	-81.67487	35.92588	63.52	-7.42	439118.64	3975937.57	4868.7	49580.01	49683.27	-103.25	82.52
Jan 5 2022	-81.67487	35.92588	63.52	-7.42	439118.64	3975937.57	4868.7	49549.89	49683.27	-133.37	85.37
Jan 5 2022	-81.67487	35.92588	63.52	-7.42	439118.64	3975937.57	4868.7	49460.52	49683.27	-222.74	89.35
Jan 5 2022	-81.67487	35.92588	63.52	-7.42	439118.64	3975937.57	4868.7	49451.94	49683.27	-231.32	95.73
Jan 5 2022	-81.67486	35.92588	63.52	-7.42	439118.99	3975937.51	4869.0	49549.27	49683.26	-134.00	79.54
Jan 5 2022	-81.67485	35.92587	63.52	-7.42	439120.03	3975937.09	4870.0	49456.04	49683.26	-227.22	75.11
Jan 5 2022	-81.67484	35.92587	63.52	-7.42	439121.21	3975936.30	4871.4	49310.46	49683.25	-372.79	68.10
Jan 5 2022	-81.67483	35.92586	63.52	-7.42	439122.28	3975935.59	4872.6	48946.66	49683.26	-736.60	54.34
Jan 5 2022	-81.67481	35.92585	63.52	-7.42	439123.42	3975934.88	4873.9	48694.59	49683.26	-988.67	35.38
Jan 5 2022	-81.67480	35.92584	63.52	-7.42	439124.38	3975933.91	4875.3	49186.65	49683.26	-496.61	24.57
Jan 5 2022	-81.67479	35.92583	63.52	-7.42	439125.35	3975932.85	4876.7	49510.17	49683.26	-173.09	18.27
Jan 5 2022	-81.67478	35.92582	63.52	-7.42	439126.23	3975931.65	4878.2	49658.72	49683.25	-24.54	13.67
Jan 5 2022	-81.67478	35.92581	63.52	-7.42	439126.61	3975930.17	4879.5	49729.12	49683.25	45.87	9.87
Jan 5 2022	-81.67477	35.92580	63.52	-7.42	439126.77	3975928.49	4880.9	49746.09	49683.24	62.84	2.35
Jan 5 2022	-81.67477	35.92578	63.52	-7.42	439126.98	3975926.74	4882.4	49746.58	49683.23	63.35	-3.39
Jan 5 2022	-81.67477	35.92577	63.52	-7.42	439127.35	3975925.42	4883.6	49754.75	49683.23	71.52	-3.96
Jan 5 2022	-81.67476	35.92576	63.52	-7.42	439127.85	3975924.35	4884.7	49775.24	49683.22	92.02	-2.56
Jan 5 2022	-81.67475	35.92575	63.52	-7.42	439128.70	3975923.28	4886.1	49773.15	49683.23	89.92	-0.95
Jan 5 2022	-81.67474	35.92574	63.52	-7.42	439129.85	3975921.98	4887.8	49733.91	49683.23	50.68	-0.25

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67473	35.92573	63.52	-7.42	439130.79	3975920.62	4889.5	49428.49	49683.22	-254.74	-6.52
Jan 5 2022	-81.67472	35.92571	63.52	-7.42	439131.58	3975919.47	4890.9	49042.57	49683.21	-640.65	-21.94
Jan 5 2022	-81.67471	35.92570	63.52	-7.42	439132.29	3975917.93	4892.5	49117.39	49683.20	-565.81	-34.56
Jan 5 2022	-81.67471	35.92569	63.52	-7.42	439132.91	3975916.32	4894.1	49107.75	49683.19	-575.43	-46.30
Jan 5 2022	-81.67470	35.92567	63.52	-7.42	439133.22	3975914.96	4895.3	49062.96	49683.17	-620.21	-53.25
Jan 5 2022	-81.67470	35.92566	63.52	-7.42	439133.47	3975913.59	4896.5	49062.82	49683.16	-620.34	-60.56
Jan 5 2022	-81.67470	35.92565	63.52	-7.42	439133.80	3975911.96	4898.0	48788.26	49683.16	-894.90	-77.95
Jan 5 2022	-81.67469	35.92560	63.52	-7.42	439134.63	3975906.73	4902.4	49102.35	49683.13	-580.78	-93.96
Jan 5 2022	-81.67468	35.92559	63.52	-7.42	439134.80	3975905.33	4903.6	49424.77	49683.12	-258.35	-105.35
Jan 5 2022	-81.67468	35.92557	63.52	-7.42	439134.74	3975903.85	4904.7	48823.84	49683.11	-859.26	-135.31
Jan 5 2022	-81.67469	35.92553	63.52	-7.42	439134.55	3975899.20	4908.0	48901.38	49683.08	-781.70	-169.64
Jan 5 2022	-81.67469	35.92552	63.52	-7.42	439134.56	3975897.69	4909.2	49702.46	49683.07	19.38	-183.57
Jan 5 2022	-81.67469	35.92549	63.52	-7.42	439134.19	3975894.48	4911.4	50044.28	49683.06	361.22	-175.65
Jan 5 2022	-81.67469	35.92548	63.52	-7.42	439134.12	3975893.03	4912.4	50513.84	49683.06	830.78	-155.58
Jan 5 2022	-81.67471	35.92535	63.52	-7.42	439132.59	3975879.16	4921.8	50372.46	49682.98	689.48	-138.24
Jan 5 2022	-81.67471	35.92524	63.52	-7.42	439132.14	3975866.65	4931.0	50660.69	49682.91	977.79	-116.83
Jan 5 2022	-81.67472	35.92516	63.52	-7.42	439131.45	3975858.46	4936.7	50596.58	49682.86	913.72	-100.15
Jan 5 2022	-81.67475	35.92486	63.52	-7.42	439128.37	3975824.19	4960.7	50077.47	49682.64	394.83	-102.47
Jan 5 2022	-81.67475	35.92484	63.52	-7.42	439128.15	3975822.39	4961.9	49966.70	49682.63	284.07	-113.51
Jan 5 2022	-81.67475	35.92464	63.51	-7.42	439127.95	3975800.76	4978.2	48902.71	49682.50	-779.79	-137.25
Jan 5 2022	-81.67475	35.92463	63.51	-7.42	439127.89	3975799.21	4979.3	49606.62	49682.49	-75.87	-141.00
Jan 5 2022	-81.67476	35.92462	63.51	-7.42	439127.62	3975797.73	4980.3	49816.78	49682.48	134.29	-137.01
Jan 5 2022	-81.67476	35.92460	63.51	-7.42	439127.09	3975796.27	4981.0	48897.03	49682.48	-785.45	-154.37
Jan 5 2022	-81.67477	35.92459	63.51	-7.42	439126.60	3975794.91	4981.8	48840.60	49682.46	-841.86	-175.97
Jan 5 2022	-81.67477	35.92458	63.51	-7.42	439126.45	3975793.66	4982.6	49152.71	49682.46	-529.74	-188.25

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.67477	35.92457	63.51	-7.42	439126.45	3975792.29	4983.7	49511.00	49682.45	-171.45	-188.59	
Jan 5 2022	-81.67477	35.92455	63.51	-7.42	439126.51	3975790.84	4984.8	50101.18	49682.44	418.74	-177.23	
Jan 5 2022	-81.67477	35.92454	63.51	-7.42	439126.60	3975789.25	4986.1	50102.43	49682.44	420.00	-165.93	
Jan 5 2022	-81.67476	35.92453	63.51	-7.42	439126.73	3975787.75	4987.3	49773.77	49682.42	91.35	-161.03	
Jan 5 2022	-81.67476	35.92451	63.51	-7.42	439126.97	3975786.41	4988.5	49980.91	49682.41	298.50	-151.51	
Jan 5 2022	-81.67476	35.92450	63.51	-7.42	439127.22	3975784.94	4989.8	49827.16	49682.40	144.76	-144.51	
Jan 5 2022	-81.67476	35.92449	63.51	-7.42	439127.05	3975783.29	4990.9	49569.04	49682.39	-113.34	-142.15	
Jan 5 2022	-81.67477	35.92447	63.51	-7.42	439126.55	3975781.91	4991.6	49337.02	49682.38	-345.36	-144.60	
Jan 5 2022	-81.67477	35.92446	63.51	-7.42	439126.07	3975780.87	4992.1	49283.50	49682.37	-398.87	-149.91	
Jan 5 2022	-81.67478	35.92445	63.51	-7.42	439125.59	3975779.54	4992.8	49437.41	49682.37	-244.96	-152.75	
Jan 5 2022	-81.67478	35.92444	63.51	-7.42	439125.17	3975778.13	4993.6	49563.53	49682.37	-118.84	-152.44	
Jan 5 2022	-81.67478	35.92443	63.51	-7.42	439125.03	3975776.85	4994.5	49644.82	49682.36	-37.54	-148.65	
Jan 5 2022	-81.67478	35.92442	63.51	-7.42	439125.04	3975775.42	4995.6	49657.51	49682.35	-24.84	-141.69	
Jan 5 2022	-81.67478	35.92440	63.51	-7.42	439124.89	3975773.85	4996.7	49614.76	49682.34	-67.59	-128.31	
Jan 5 2022	-81.67479	35.92439	63.51	-7.42	439124.52	3975772.39	4997.6	49599.69	49682.34	-82.65	-110.19	
Jan 5 2022	-81.67479	35.92438	63.51	-7.42	439124.00	3975771.05	4998.3	49635.89	49682.34	-46.46	-101.19	
Jan 5 2022	-81.67480	35.92437	63.51	-7.42	439123.26	3975769.92	4998.7	49625.69	49682.34	-56.65	-98.86	
Jan 5 2022	-81.67481	35.92436	63.51	-7.42	439122.52	3975768.74	4999.1	49617.10	49682.34	-65.24	-99.67	
Jan 5 2022	-81.67482	35.92434	63.51	-7.42	439121.94	3975767.34	4999.8	49639.04	49682.34	-43.30	-101.45	
Jan 5 2022	-81.67482	35.92433	63.51	-7.42	439121.60	3975766.16	5000.5	49738.57	49682.34	56.23	-101.59	
Jan 5 2022	-81.67482	35.92432	63.51	-7.42	439121.58	3975764.79	5001.5	49755.87	49682.34	73.53	-101.38	
Jan 5 2022	-81.67482	35.92431	63.51	-7.42	439121.73	3975763.25	5002.8	49794.33	49682.34	111.99	-100.57	
Jan 5 2022	-81.67482	35.92429	63.51	-7.42	439121.85	3975761.83	5003.9	49834.70	49682.34	152.36	-99.37	
Jan 5 2022	-81.67481	35.92428	63.51	-7.42	439122.13	3975760.43	5005.2	49697.02	49682.33	14.69	-100.87	
Jan 5 2022	-81.67481	35.92427	63.51	-7.42	439122.44	3975759.02	5006.5	49618.67	49682.32	-63.65	-103.16	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67481	35.92425	63.51	-7.42	439122.76	3975757.37	5007.9	49734.88	49682.32	52.56	-97.01
Jan 5 2022	-81.67480	35.92424	63.51	-7.42	439123.45	3975755.68	5009.7	49624.31	49682.32	-58.01	-85.36
Jan 5 2022	-81.67479	35.92423	63.51	-7.42	439124.10	3975754.39	5011.1	49649.97	49682.31	-32.33	-74.69
Jan 5 2022	-81.67479	35.92421	63.51	-7.42	439124.54	3975753.05	5012.4	49642.75	49682.29	-39.54	-63.97
Jan 5 2022	-81.67478	35.92420	63.51	-7.42	439124.78	3975751.55	5013.7	49678.05	49682.28	-4.24	-51.65
Jan 5 2022	-81.67478	35.92419	63.51	-7.42	439124.99	3975750.15	5014.9	49729.81	49682.28	47.53	-38.30
Jan 5 2022	-81.67478	35.92417	63.51	-7.42	439125.19	3975748.60	5016.2	49722.10	49682.27	39.83	-19.60
Jan 5 2022	-81.67478	35.92416	63.51	-7.42	439125.30	3975746.86	5017.6	49787.85	49682.26	105.59	-5.87
Jan 5 2022	-81.67478	35.92414	63.51	-7.42	439125.36	3975745.11	5019.0	49908.17	49682.25	225.91	3.81
Jan 5 2022	-81.67477	35.92413	63.51	-7.42	439125.55	3975743.52	5020.3	49853.63	49682.24	171.39	24.43
Jan 5 2022	-81.67477	35.92411	63.51	-7.42	439125.64	3975742.00	5021.6	49886.26	49682.23	204.03	44.14
Jan 5 2022	-81.67477	35.92410	63.51	-7.42	439125.69	3975740.56	5022.7	50205.33	49682.23	523.09	54.21
Jan 5 2022	-81.67477	35.92409	63.51	-7.42	439125.93	3975739.07	5024.0	50395.02	49682.22	712.79	61.25
Jan 5 2022	-81.67477	35.92408	63.51	-7.42	439126.23	3975737.71	5025.2	50015.19	49682.21	332.97	51.29
Jan 5 2022	-81.67476	35.92406	63.51	-7.42	439126.48	3975736.51	5026.3	49674.14	49682.21	-8.07	37.34
Jan 5 2022	-81.67476	35.92405	63.51	-7.42	439126.67	3975735.14	5027.5	49585.00	49682.20	-97.20	15.84
Jan 5 2022	-81.67476	35.92404	63.51	-7.42	439126.66	3975733.74	5028.5	49749.36	49682.20	67.16	-1.09
Jan 5 2022	-81.67476	35.92403	63.51	-7.42	439126.54	3975732.39	5029.5	49707.75	49682.21	25.54	-8.48
Jan 5 2022	-81.67476	35.92402	63.51	-7.42	439126.53	3975731.43	5030.2	49693.35	49682.20	11.14	-13.94
Jan 5 2022	-81.67476	35.92402	63.51	-7.42	439126.51	3975731.14	5030.4	49686.17	49682.20	3.98	3.40
Jan 5 2022	-81.67476	35.92402	63.51	-7.42	439126.51	3975731.14	5030.4	49689.32	49682.20	7.13	1.80
Jan 5 2022	-81.67476	35.92401	63.51	-7.42	439126.61	3975730.44	5031.0	49685.40	49682.19	3.21	0.78
Jan 5 2022	-81.67476	35.92400	63.51	-7.42	439126.64	3975728.81	5032.3	49700.72	49682.18	18.53	16.86
Jan 5 2022	-81.67476	35.92398	63.51	-7.42	439126.68	3975727.29	5033.5	49708.10	49682.17	25.93	34.21
Jan 5 2022	-81.67476	35.92397	63.51	-7.42	439126.96	3975726.04	5034.6	49706.13	49682.17	23.96	45.29

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67475	35.92396	63.51	-7.42	439127.26	3975724.59	5035.9	49704.12	49682.16	21.96	49.15
Jan 5 2022	-81.67475	35.92394	63.51	-7.42	439127.41	3975722.94	5037.3	49700.19	49682.15	18.04	41.14
Jan 5 2022	-81.67475	35.92393	63.51	-7.42	439127.46	3975721.18	5038.7	49700.32	49682.13	18.19	33.10
Jan 5 2022	-81.67475	35.92391	63.51	-7.42	439127.53	3975719.47	5040.0	49693.66	49682.12	11.54	31.51
Jan 5 2022	-81.67475	35.92390	63.51	-7.42	439127.59	3975718.01	5041.2	49687.54	49682.11	5.42	25.65
Jan 5 2022	-81.67475	35.92389	63.51	-7.42	439127.54	3975716.59	5042.3	49684.66	49682.10	2.56	22.80
Jan 5 2022	-81.67475	35.92387	63.51	-7.42	439127.38	3975714.89	5043.5	49680.66	49682.09	-1.43	25.04
Jan 5 2022	-81.67475	35.92386	63.51	-7.42	439127.21	3975713.38	5044.5	49677.81	49682.08	-4.28	31.86
Jan 5 2022	-81.67476	35.92384	63.51	-7.42	439127.01	3975711.98	5045.5	49675.44	49682.08	-6.65	39.71
Jan 5 2022	-81.67476	35.92383	63.51	-7.42	439126.97	3975710.54	5046.6	49675.66	49682.08	-6.42	44.48
Jan 5 2022	-81.67476	35.92382	63.51	-7.42	439126.95	3975709.13	5047.6	49677.69	49682.08	-4.39	46.77
Jan 5 2022	-81.67476	35.92380	63.51	-7.42	439126.92	3975707.50	5048.8	49675.94	49682.07	-6.13	47.39
Jan 5 2022	-81.67475	35.92379	63.51	-7.42	439127.07	3975705.91	5050.2	49670.18	49682.06	-11.88	47.65
Jan 5 2022	-81.67475	35.92378	63.51	-7.42	439127.20	3975704.59	5051.3	49665.72	49682.05	-16.34	48.68
Jan 5 2022	-81.67475	35.92377	63.51	-7.42	439127.17	3975703.37	5052.2	49661.81	49682.06	-20.25	49.93
Jan 5 2022	-81.67475	35.92375	63.51	-7.42	439127.18	3975702.04	5053.2	49658.73	49682.05	-23.32	50.39
Jan 5 2022	-81.67475	35.92374	63.51	-7.42	439127.32	3975700.50	5054.5	49663.44	49682.05	-18.61	51.15
Jan 5 2022	-81.67475	35.92373	63.51	-7.42	439127.37	3975698.89	5055.8	49661.97	49682.04	-20.07	52.05
Jan 5 2022	-81.67475	35.92371	63.51	-7.42	439127.50	3975697.25	5057.1	49658.73	49682.03	-23.30	52.45
Jan 5 2022	-81.67475	35.92370	63.51	-7.42	439127.82	3975695.62	5058.6	49658.48	49682.02	-23.54	50.86
Jan 5 2022	-81.67474	35.92368	63.51	-7.42	439128.18	3975694.17	5059.9	49657.63	49682.01	-24.38	48.90
Jan 5 2022	-81.67474	35.92367	63.51	-7.42	439128.37	3975692.72	5061.1	49658.59	49682.00	-23.41	46.19
Jan 5 2022	-81.67474	35.92366	63.51	-7.42	439128.52	3975691.29	5062.3	49659.57	49681.99	-22.41	42.70
Jan 5 2022	-81.67474	35.92365	63.51	-7.42	439128.69	3975690.02	5063.4	49659.24	49681.98	-22.74	41.95
Jan 5 2022	-81.67473	35.92363	63.51	-7.42	439128.83	3975688.73	5064.5	49655.67	49681.98	-26.31	42.69

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67473	35.92362	63.51	-7.42	439129.07	3975687.15	5065.9	49655.06	49681.97	-26.91	41.11
Jan 5 2022	-81.67473	35.92361	63.51	-7.42	439129.35	3975685.50	5067.3	49657.51	49681.96	-24.45	41.78
Jan 5 2022	-81.67473	35.92359	63.51	-7.42	439129.56	3975684.01	5068.6	49660.59	49681.95	-21.37	42.00
Jan 5 2022	-81.67472	35.92358	63.51	-7.42	439129.59	3975682.63	5069.7	49673.19	49681.94	-8.75	42.61
Jan 5 2022	-81.67473	35.92357	63.51	-7.42	439129.21	3975681.18	5070.6	49657.16	49681.93	-24.77	42.20
Jan 5 2022	-81.67473	35.92355	63.51	-7.42	439128.86	3975679.74	5071.5	49658.41	49681.93	-23.52	40.78
Jan 5 2022	-81.67473	35.92354	63.51	-7.42	439128.89	3975678.13	5072.7	49661.75	49681.92	-20.17	39.58
Jan 5 2022	-81.67473	35.92352	63.51	-7.42	439129.08	3975676.39	5074.2	49664.37	49681.91	-17.53	37.12
Jan 5 2022	-81.67473	35.92351	63.51	-7.42	439129.29	3975674.97	5075.4	49666.00	49681.89	-15.89	32.28
Jan 5 2022	-81.67472	35.92350	63.51	-7.42	439129.64	3975673.58	5076.7	49663.90	49681.88	-17.98	28.49
Jan 5 2022	-81.67472	35.92348	63.51	-7.42	439130.17	3975672.10	5078.2	49660.96	49681.88	-20.91	23.99
Jan 5 2022	-81.67472	35.92347	63.51	-7.42	439130.31	3975670.89	5079.2	49659.46	49681.88	-22.42	13.08
Jan 5 2022	-81.67472	35.92346	63.51	-7.42	439130.34	3975669.56	5080.3	49657.02	49681.87	-24.85	-1.67
Jan 5 2022	-81.67471	35.92345	63.51	-7.42	439130.41	3975668.12	5081.4	49653.21	49681.86	-28.64	-8.90
Jan 5 2022	-81.67472	35.92344	63.51	-7.42	439130.35	3975666.79	5082.4	49651.73	49681.85	-30.11	-9.34
Jan 5 2022	-81.67471	35.92342	63.51	-7.42	439130.48	3975665.31	5083.6	49656.61	49681.83	-25.22	-7.90
Jan 5 2022	-81.67471	35.92341	63.51	-7.42	439130.49	3975663.95	5084.7	49662.71	49681.82	-19.12	-9.63
Jan 5 2022	-81.67471	35.92340	63.51	-7.42	439130.54	3975662.63	5085.7	49662.74	49681.82	-19.08	-10.52
Jan 5 2022	-81.67471	35.92339	63.51	-7.42	439130.60	3975661.60	5086.6	49585.60	49681.82	-96.22	-12.67
Jan 5 2022	-81.67471	35.92338	63.51	-7.42	439130.73	3975660.88	5087.2	49636.07	49681.81	-45.75	-13.72
Jan 5 2022	-81.67471	35.92338	63.51	-7.42	439131.20	3975660.23	5088.0	49651.21	49681.80	-30.59	-14.42
Jan 5 2022	-81.67469	35.92337	63.51	-7.42	439132.24	3975659.81	5089.0	49636.75	49681.79	-45.04	-15.38
Jan 5 2022	-81.67468	35.92337	63.51	-7.42	439133.80	3975659.58	5090.2	49593.71	49681.78	-88.08	-17.51
Jan 5 2022	-81.67466	35.92337	63.51	-7.42	439135.36	3975659.39	5091.3	49501.88	49681.78	-179.89	-21.63
Jan 5 2022	-81.67464	35.92337	63.51	-7.42	439136.95	3975659.26	5092.4	49364.93	49681.77	-316.84	-28.45

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67463	35.92337	63.51	-7.42	439138.34	3975659.30	5093.3	49742.40	49681.78	60.62	-27.67
Jan 5 2022	-81.67461	35.92337	63.51	-7.42	439139.85	3975658.94	5094.5	50621.38	49681.78	939.60	-9.24
Jan 5 2022	-81.67461	35.92337	63.51	-7.42	439140.02	3975658.95	5094.6	49201.50	49681.77	-480.27	-12.46
Jan 5 2022	-81.67461	35.92337	63.51	-7.42	439140.02	3975658.95	5094.6	50030.79	49681.77	349.02	-2.62
Jan 5 2022	-81.67459	35.92337	63.51	-7.42	439141.52	3975659.79	5094.9	49062.56	49681.80	-619.23	-76.72
Jan 5 2022	-81.67459	35.92338	63.51	-7.42	439142.04	3975660.09	5095.0	49130.56	49681.80	-551.24	-87.61
Jan 5 2022	-81.67459	35.92337	63.51	-7.42	439141.17	3975659.29	5095.1	48901.33	49681.79	-780.46	-64.42
Jan 5 2022	-81.67458	35.92338	63.51	-7.42	439142.59	3975660.14	5095.3	49184.52	49681.82	-497.30	-97.43
Jan 5 2022	-81.67460	35.92336	63.51	-7.42	439141.04	3975658.62	5095.5	48782.43	49681.77	-899.34	-48.84
Jan 5 2022	-81.67460	35.92336	63.51	-7.42	439140.92	3975658.34	5095.6	48770.00	49681.77	-911.77	-30.80
Jan 5 2022	-81.67457	35.92338	63.51	-7.42	439143.11	3975659.95	5095.8	49307.42	49681.83	-374.41	-104.83
Jan 5 2022	-81.67457	35.92337	63.51	-7.42	439143.71	3975659.58	5096.5	49409.43	49681.83	-272.40	-110.16
Jan 5 2022	-81.67456	35.92337	63.51	-7.42	439144.72	3975658.87	5097.6	49467.77	49681.84	-214.07	-114.20
Jan 5 2022	-81.67454	35.92336	63.51	-7.42	439145.76	3975658.05	5098.9	49480.91	49681.84	-200.94	-117.89
Jan 5 2022	-81.67453	35.92335	63.51	-7.42	439146.74	3975657.04	5100.3	49484.29	49681.84	-197.56	-121.44
Jan 5 2022	-81.67452	35.92334	63.51	-7.42	439147.62	3975655.86	5101.8	49485.96	49681.84	-195.88	-124.89
Jan 5 2022	-81.67451	35.92333	63.51	-7.42	439148.35	3975654.63	5103.2	49485.73	49681.83	-196.10	-128.44
Jan 5 2022	-81.67451	35.92332	63.51	-7.42	439148.81	3975653.32	5104.5	49483.32	49681.82	-198.50	-132.01
Jan 5 2022	-81.67451	35.92330	63.51	-7.42	439148.98	3975651.97	5105.7	49474.23	49681.82	-207.59	-135.70
Jan 5 2022	-81.67451	35.92329	63.51	-7.42	439149.04	3975650.48	5106.9	49459.60	49681.82	-222.21	-139.67
Jan 5 2022	-81.67451	35.92328	63.51	-7.42	439149.11	3975648.80	5108.2	49449.59	49681.81	-232.21	-143.83
Jan 5 2022	-81.67451	35.92326	63.51	-7.42	439149.17	3975647.23	5109.5	49440.34	49681.80	-241.45	-148.19
Jan 5 2022	-81.67450	35.92325	63.51	-7.42	439149.18	3975645.59	5110.7	49427.19	49681.79	-254.61	-152.83
Jan 5 2022	-81.67450	35.92323	63.51	-7.42	439149.37	3975643.89	5112.2	49407.98	49681.79	-273.81	-157.85
Jan 5 2022	-81.67450	35.92322	63.51	-7.42	439149.67	3975642.34	5113.5	49375.98	49681.78	-305.80	-163.44

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67449	35.92320	63.51	-7.42	439150.11	3975640.87	5115.0	49353.97	49681.76	-327.79	-169.46
Jan 5 2022	-81.67449	35.92319	63.51	-7.42	439150.64	3975639.54	5116.3	49333.72	49681.75	-348.03	-175.93
Jan 5 2022	-81.67448	35.92318	63.51	-7.42	439151.11	3975638.27	5117.6	49319.01	49681.74	-362.73	-182.76
Jan 5 2022	-81.67448	35.92317	63.51	-7.42	439151.27	3975636.77	5118.9	49314.30	49681.73	-367.44	-189.93
Jan 5 2022	-81.67448	35.92315	63.51	-7.42	439151.31	3975635.05	5120.2	49316.19	49681.72	-365.53	-196.75
Jan 5 2022	-81.67448	35.92314	63.51	-7.42	439151.49	3975633.27	5121.7	49278.22	49681.72	-403.49	-204.35
Jan 5 2022	-81.67448	35.92312	63.51	-7.42	439151.73	3975631.45	5123.3	49156.57	49681.71	-525.14	-214.45
Jan 5 2022	-81.67447	35.92310	63.51	-7.42	439152.13	3975629.45	5125.1	49018.37	49681.70	-663.33	-227.36
Jan 5 2022	-81.67447	35.92309	63.51	-7.42	439152.37	3975627.78	5126.5	48953.43	49681.69	-728.25	-241.61
Jan 5 2022	-81.67447	35.92307	63.51	-7.42	439152.33	3975626.49	5127.5	48983.36	49681.67	-698.31	-255.21
Jan 5 2022	-81.67447	35.92306	63.51	-7.42	439152.42	3975625.18	5128.5	48999.85	49681.66	-681.81	-268.43
Jan 5 2022	-81.67446	35.92305	63.51	-7.42	439152.85	3975623.65	5130.0	49050.73	49681.65	-630.92	-280.60
Jan 5 2022	-81.67446	35.92303	63.51	-7.42	439152.95	3975622.04	5131.3	49183.90	49681.64	-497.74	-290.06
Jan 5 2022	-81.67446	35.92302	63.51	-7.42	439152.78	3975620.64	5132.3	49307.55	49681.64	-374.09	-296.97
Jan 5 2022	-81.67446	35.92301	63.51	-7.42	439152.70	3975619.19	5133.4	49395.12	49681.63	-286.52	-302.10
Jan 5 2022	-81.67447	35.92300	63.51	-7.42	439152.47	3975617.71	5134.4	49452.89	49681.63	-228.74	-306.17
Jan 5 2022	-81.67447	35.92298	63.51	-7.42	439152.35	3975616.26	5135.4	49479.22	49681.62	-202.40	-309.83
Jan 5 2022	-81.67447	35.92297	63.51	-7.42	439152.36	3975614.74	5136.6	49481.56	49681.62	-200.06	-313.45
Jan 5 2022	-81.67447	35.92295	63.51	-7.42	439152.34	3975613.13	5137.8	49492.71	49681.61	-188.89	-315.31
Jan 5 2022	-81.67447	35.92294	63.51	-7.42	439152.38	3975611.50	5139.1	49531.28	49681.60	-150.31	-317.40
Jan 5 2022	-81.67447	35.92293	63.51	-7.42	439152.53	3975610.00	5140.4	49570.00	49681.59	-111.59	-319.02
Jan 5 2022	-81.67446	35.92291	63.51	-7.42	439152.72	3975608.55	5141.6	49594.75	49681.59	-86.85	-319.85
Jan 5 2022	-81.67446	35.92290	63.51	-7.42	439152.72	3975607.17	5142.7	49615.85	49681.59	-65.75	-319.41
Jan 5 2022	-81.67446	35.92289	63.51	-7.42	439152.61	3975605.76	5143.7	49635.39	49681.58	-46.19	-316.73
Jan 5 2022	-81.67447	35.92287	63.51	-7.42	439152.45	3975604.24	5144.8	49649.49	49681.57	-32.08	-311.04

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67447	35.92286	63.51	-7.42	439152.22	3975602.68	5145.8	49655.16	49681.56	-26.40	-312.78
Jan 5 2022	-81.67447	35.92285	63.51	-7.42	439152.10	3975601.19	5146.9	49654.63	49681.55	-26.93	-332.11
Jan 5 2022	-81.67447	35.92283	63.51	-7.42	439152.14	3975599.83	5148.0	49642.50	49681.55	-39.05	-339.87
Jan 5 2022	-81.67446	35.92282	63.51	-7.42	439152.46	3975598.42	5149.3	49622.31	49681.55	-59.24	-331.45
Jan 5 2022	-81.67446	35.92281	63.51	-7.42	439152.87	3975596.91	5150.7	49609.19	49681.54	-72.35	-314.66
Jan 5 2022	-81.67446	35.92279	63.51	-7.42	439153.19	3975595.32	5152.1	49610.98	49681.53	-70.55	-298.09
Jan 5 2022	-81.67445	35.92278	63.51	-7.42	439153.62	3975593.80	5153.6	49616.06	49681.52	-65.46	-283.79
Jan 5 2022	-81.67445	35.92276	63.51	-7.42	439154.02	3975592.10	5155.2	49625.77	49681.51	-55.74	-272.52
Jan 5 2022	-81.67444	35.92275	63.51	-7.42	439154.42	3975590.38	5156.8	49638.02	49681.50	-43.47	-262.36
Jan 5 2022	-81.67444	35.92274	63.51	-7.42	439155.07	3975588.87	5158.3	49651.31	49681.49	-30.18	-253.02
Jan 5 2022	-81.67443	35.92272	63.51	-7.42	439155.76	3975587.47	5159.9	49665.98	49681.49	-15.50	-245.84
Jan 5 2022	-81.67442	35.92271	63.51	-7.42	439156.10	3975585.88	5161.3	49673.77	49681.47	-7.70	-240.55
Jan 5 2022	-81.67442	35.92269	63.51	-7.42	439156.40	3975584.29	5162.7	49680.25	49681.46	-1.21	-236.29
Jan 5 2022	-81.67441	35.92268	63.51	-7.42	439157.08	3975582.95	5164.2	49688.57	49681.45	7.12	-232.13
Jan 5 2022	-81.67441	35.92267	63.51	-7.42	439157.71	3975581.52	5165.7	49696.27	49681.44	14.83	-227.88
Jan 5 2022	-81.67440	35.92266	63.51	-7.42	439157.95	3975580.07	5167.0	49703.14	49681.43	21.71	-223.53
Jan 5 2022	-81.67440	35.92264	63.51	-7.42	439158.18	3975578.70	5168.2	49709.07	49681.42	27.64	-219.05
Jan 5 2022	-81.67440	35.92263	63.51	-7.42	439158.59	3975577.24	5169.6	49715.48	49681.41	34.07	-214.40
Jan 5 2022	-81.67439	35.92262	63.51	-7.42	439159.12	3975575.91	5170.9	49723.64	49681.40	42.24	-209.41
Jan 5 2022	-81.67438	35.92261	63.51	-7.42	439159.80	3975574.64	5172.4	49729.87	49681.39	48.48	-203.99
Jan 5 2022	-81.67438	35.92259	63.51	-7.42	439160.37	3975573.04	5174.0	49733.01	49681.38	51.63	-198.31
Jan 5 2022	-81.67437	35.92258	63.51	-7.42	439160.84	3975571.37	5175.6	49731.91	49681.38	50.53	-192.47
Jan 5 2022	-81.67437	35.92257	63.51	-7.42	439161.22	3975570.00	5176.9	49729.12	49681.38	47.74	-186.43
Jan 5 2022	-81.67436	35.92255	63.51	-7.42	439161.37	3975568.78	5177.9	49726.65	49681.38	45.27	-180.05
Jan 5 2022	-81.67436	35.92254	63.51	-7.42	439161.53	3975567.38	5179.1	49725.23	49681.37	43.86	-173.05

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67436	35.92253	63.51	-7.42	439162.08	3975565.91	5180.6	49724.60	49681.36	43.24	-165.63
Jan 5 2022	-81.67435	35.92252	63.51	-7.42	439162.91	3975564.60	5182.1	49722.56	49681.36	41.20	-157.85
Jan 5 2022	-81.67434	35.92251	63.51	-7.42	439163.75	3975563.37	5183.6	49719.35	49681.35	38.00	-149.83
Jan 5 2022	-81.67433	35.92249	63.51	-7.42	439164.29	3975561.98	5185.0	49716.33	49681.35	34.98	-141.79
Jan 5 2022	-81.67433	35.92248	63.51	-7.42	439164.64	3975560.39	5186.5	49714.73	49681.35	33.38	-133.81
Jan 5 2022	-81.67432	35.92246	63.51	-7.42	439165.08	3975558.77	5188.0	49713.69	49681.34	32.35	-125.09
Jan 5 2022	-81.67432	35.92245	63.51	-7.42	439165.43	3975557.26	5189.4	49714.65	49681.33	33.32	-113.92
Jan 5 2022	-81.67431	35.92244	63.51	-7.42	439165.72	3975555.82	5190.7	49714.04	49681.32	32.72	-100.00
Jan 5 2022	-81.67431	35.92242	63.51	-7.42	439166.04	3975554.30	5192.1	49717.62	49681.31	36.32	-84.71
Jan 5 2022	-81.67431	35.92241	63.51	-7.42	439166.36	3975552.92	5193.4	49712.19	49681.29	30.90	-70.12
Jan 5 2022	-81.67430	35.92240	63.51	-7.42	439166.68	3975551.55	5194.6	49712.79	49681.29	31.50	-55.86
Jan 5 2022	-81.67430	35.92239	63.51	-7.42	439167.24	3975550.08	5196.1	49715.20	49681.29	33.91	-42.56
Jan 5 2022	-81.67429	35.92237	63.51	-7.42	439167.65	3975548.45	5197.6	49716.20	49681.29	34.91	-31.91
Jan 5 2022	-81.67429	35.92236	63.51	-7.42	439167.66	3975546.72	5199.0	49715.38	49681.27	34.11	-23.74
Jan 5 2022	-81.67402	35.92252	63.51	-7.42	439192.28	3975564.98	5200.4	49699.89	49681.36	18.53	-25.41
Jan 5 2022	-81.67402	35.92252	63.51	-7.42	439192.28	3975564.98	5200.4	49699.96	49681.36	18.60	-25.00
Jan 5 2022	-81.67429	35.92234	63.51	-7.42	439167.97	3975545.20	5200.4	49714.69	49681.27	33.43	-17.35
Jan 5 2022	-81.67402	35.92252	63.51	-7.42	439192.25	3975564.71	5200.6	49699.89	49681.35	18.54	-24.57
Jan 5 2022	-81.67402	35.92252	63.51	-7.42	439192.77	3975564.39	5201.1	49701.68	49681.34	20.34	-24.14
Jan 5 2022	-81.67428	35.92233	63.51	-7.42	439168.50	3975543.69	5201.9	49714.03	49681.26	32.76	-12.12
Jan 5 2022	-81.67399	35.92252	63.51	-7.42	439194.64	3975564.18	5202.5	49409.34	49681.35	-272.01	-23.72
Jan 5 2022	-81.67428	35.92232	63.51	-7.42	439168.96	3975542.45	5203.1	49712.06	49681.26	30.80	-7.45
Jan 5 2022	-81.67398	35.92251	63.51	-7.42	439195.87	3975563.90	5203.5	49705.97	49681.35	24.62	-17.46
Jan 5 2022	-81.67427	35.92231	63.51	-7.42	439169.37	3975541.31	5204.3	49708.66	49681.25	27.41	-2.90
Jan 5 2022	-81.67397	35.92251	63.51	-7.42	439197.30	3975563.28	5204.9	49515.30	49681.35	-166.05	-17.11

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67427	35.92230	63.51	-7.42	439169.76	3975539.95	5205.6	49703.15	49681.25	21.91	1.31
Jan 5 2022	-81.67395	35.92250	63.51	-7.42	439198.49	3975562.67	5206.1	49710.73	49681.35	29.38	-12.94
Jan 5 2022	-81.67426	35.92228	63.51	-7.42	439170.33	3975538.54	5207.0	49694.57	49681.24	13.33	4.59
Jan 5 2022	-81.67394	35.92250	63.51	-7.42	439199.86	3975562.12	5207.4	49713.70	49681.35	32.35	-12.68
Jan 5 2022	-81.67426	35.92227	63.51	-7.42	439170.79	3975537.00	5208.5	49684.10	49681.24	2.86	6.88
Jan 5 2022	-81.67392	35.92249	63.51	-7.42	439201.37	3975561.67	5208.7	49716.50	49681.34	35.16	-12.47
Jan 5 2022	-81.67391	35.92249	63.51	-7.42	439202.59	3975561.40	5209.7	49721.65	49681.34	40.31	-12.31
Jan 5 2022	-81.67425	35.92225	63.51	-7.42	439171.04	3975535.31	5210.0	49680.55	49681.23	-0.68	8.60
Jan 5 2022	-81.67389	35.92249	63.51	-7.42	439203.77	3975561.08	5210.7	49725.78	49681.34	44.45	-12.22
Jan 5 2022	-81.67425	35.92224	63.51	-7.42	439171.41	3975533.87	5211.3	49759.31	49681.22	78.09	11.48
Jan 5 2022	-81.67388	35.92249	63.51	-7.42	439204.99	3975560.90	5211.6	49730.21	49681.33	48.87	-12.20
Jan 5 2022	-81.67386	35.92249	63.51	-7.42	439206.41	3975560.83	5212.5	49732.39	49681.33	51.06	-12.24
Jan 5 2022	-81.67424	35.92223	63.51	-7.42	439171.87	3975532.61	5212.6	49845.98	49681.22	164.76	15.69
Jan 5 2022	-81.67385	35.92248	63.51	-7.42	439208.00	3975560.55	5213.8	49728.63	49681.33	47.30	-12.33
Jan 5 2022	-81.67424	35.92222	63.51	-7.42	439172.32	3975531.21	5214.0	50216.34	49681.22	535.13	27.04
Jan 5 2022	-81.67383	35.92248	63.51	-7.42	439209.66	3975560.13	5215.1	49723.64	49681.33	42.30	-12.32
Jan 5 2022	-81.67423	35.92220	63.51	-7.42	439172.91	3975529.71	5215.5	49881.92	49681.21	200.71	31.58
Jan 5 2022	-81.67381	35.92248	63.51	-7.42	439211.19	3975559.82	5216.4	49721.75	49681.33	40.43	-12.20
Jan 5 2022	-81.67423	35.92219	63.51	-7.42	439173.41	3975528.14	5217.1	49391.71	49681.20	-289.49	26.33
Jan 5 2022	-81.67379	35.92248	63.51	-7.42	439212.69	3975559.76	5217.4	48694.34	49681.33	-986.98	-12.03
Jan 5 2022	-81.67422	35.92218	63.51	-7.42	439173.90	3975526.56	5218.6	49295.92	49681.19	-385.27	19.41
Jan 5 2022	-81.67375	35.92247	63.51	-7.42	439216.62	3975559.43	5220.1	49378.01	49681.32	-303.31	8.70
Jan 5 2022	-81.67422	35.92216	63.51	-7.42	439174.50	3975525.09	5220.1	49465.83	49681.19	-215.36	16.28
Jan 5 2022	-81.67373	35.92247	63.51	-7.42	439218.08	3975559.23	5221.2	49715.46	49681.32	34.13	15.77
Jan 5 2022	-81.67421	35.92215	63.51	-7.42	439174.88	3975523.78	5221.4	49738.12	49681.18	56.94	18.87

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67421	35.92214	63.51	-7.42	439175.14	3975522.42	5222.6	49774.73	49681.17	93.55	22.15
Jan 5 2022	-81.67370	35.92247	63.51	-7.42	439220.77	3975558.43	5223.5	49712.01	49681.32	30.69	16.12
Jan 5 2022	-81.67420	35.92213	63.51	-7.42	439175.63	3975521.04	5224.0	49737.77	49681.17	56.60	24.59
Jan 5 2022	-81.67420	35.92211	63.51	-7.42	439176.25	3975519.76	5225.4	49715.99	49681.17	34.82	26.40
Jan 5 2022	-81.67419	35.92210	63.51	-7.42	439177.06	3975518.40	5226.9	49709.71	49681.16	28.55	27.84
Jan 5 2022	-81.67364	35.92247	63.51	-7.42	439226.27	3975558.37	5227.1	49580.16	49681.29	-101.13	16.55
Jan 5 2022	-81.67363	35.92247	63.51	-7.42	439227.72	3975558.58	5227.8	49710.37	49681.29	29.08	19.64
Jan 5 2022	-81.67361	35.92247	63.51	-7.42	439229.08	3975558.89	5228.5	49633.63	49681.29	-47.65	20.13
Jan 5 2022	-81.67418	35.92209	63.51	-7.42	439177.91	3975516.98	5228.6	49709.39	49681.15	28.24	29.01
Jan 5 2022	-81.67360	35.92247	63.51	-7.42	439230.46	3975559.01	5229.2	49713.17	49681.29	31.89	22.14
Jan 5 2022	-81.67417	35.92208	63.51	-7.42	439178.62	3975515.71	5230.0	49706.55	49681.14	25.40	29.83
Jan 5 2022	-81.67358	35.92247	63.51	-7.42	439231.93	3975559.00	5230.2	49715.34	49681.28	34.06	22.54
Jan 5 2022	-81.67356	35.92247	63.51	-7.42	439233.55	3975559.03	5231.2	49425.21	49681.28	-256.07	22.86
Jan 5 2022	-81.67416	35.92207	63.51	-7.42	439179.20	3975514.45	5231.4	49704.45	49681.14	23.31	30.45
Jan 5 2022	-81.67355	35.92247	63.51	-7.42	439235.08	3975559.05	5232.2	49717.54	49681.29	36.25	28.97
Jan 5 2022	-81.67416	35.92205	63.51	-7.42	439179.34	3975513.09	5232.5	49702.06	49681.14	20.92	30.89
Jan 5 2022	-81.67353	35.92247	63.51	-7.42	439236.32	3975558.67	5233.2	49717.93	49681.29	36.63	29.21
Jan 5 2022	-81.67416	35.92204	63.51	-7.42	439179.23	3975511.65	5233.6	49700.31	49681.14	19.17	31.13
Jan 5 2022	-81.67352	35.92247	63.51	-7.42	439237.53	3975558.37	5234.2	49718.10	49681.29	36.81	29.43
Jan 5 2022	-81.67416	35.92203	63.51	-7.42	439179.21	3975510.36	5234.5	49699.19	49681.13	18.06	31.20
Jan 5 2022	-81.67350	35.92247	63.51	-7.42	439238.86	3975558.45	5235.0	49329.98	49681.28	-351.31	29.63
Jan 5 2022	-81.67416	35.92202	63.51	-7.42	439179.47	3975509.20	5235.6	49697.82	49681.13	16.69	31.10
Jan 5 2022	-81.67349	35.92247	63.51	-7.42	439240.33	3975558.34	5236.1	49558.23	49681.28	-123.05	37.58
Jan 5 2022	-81.67416	35.92201	63.51	-7.42	439179.75	3975507.96	5236.8	49695.10	49681.12	13.98	30.83
Jan 5 2022	-81.67347	35.92247	63.51	-7.42	439241.98	3975558.27	5237.2	49717.00	49681.27	35.73	40.95

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67415	35.92199	63.51	-7.42	439179.90	3975506.49	5238.0	49694.32	49681.12	13.20	30.41
Jan 5 2022	-81.67345	35.92246	63.51	-7.42	439243.69	3975558.14	5238.4	49716.80	49681.27	35.53	41.12
Jan 5 2022	-81.67415	35.92198	63.51	-7.42	439179.93	3975504.94	5239.2	49694.38	49681.11	13.27	29.83
Jan 5 2022	-81.67343	35.92246	63.51	-7.42	439245.38	3975558.05	5239.5	49716.39	49681.28	35.11	41.28
Jan 5 2022	-81.67341	35.92246	63.51	-7.42	439246.93	3975558.14	5240.4	49610.72	49681.27	-70.55	41.45
Jan 5 2022	-81.67415	35.92197	63.51	-7.42	439180.32	3975503.41	5240.7	49691.51	49681.10	10.42	29.07
Jan 5 2022	-81.67340	35.92246	63.51	-7.42	439248.46	3975557.96	5241.5	49715.14	49681.26	33.88	43.71
Jan 5 2022	-81.67414	35.92195	63.51	-7.42	439181.09	3975501.91	5242.3	49688.05	49681.09	6.96	28.17
Jan 5 2022	-81.67338	35.92246	63.51	-7.42	439249.97	3975557.83	5242.6	49715.45	49681.26	34.19	43.88
Jan 5 2022	-81.67337	35.92246	63.51	-7.42	439251.24	3975558.13	5243.2	49715.95	49681.26	34.69	44.04
Jan 5 2022	-81.67335	35.92247	63.51	-7.42	439252.43	3975558.53	5243.6	49716.65	49681.27	35.38	44.19
Jan 5 2022	-81.67413	35.92194	63.51	-7.42	439181.73	3975500.36	5243.9	49685.65	49681.07	4.58	27.26
Jan 5 2022	-81.67334	35.92247	63.51	-7.42	439253.68	3975558.67	5244.3	49717.41	49681.27	36.14	44.33
Jan 5 2022	-81.67333	35.92247	63.51	-7.42	439254.93	3975559.02	5244.9	49718.48	49681.26	37.21	44.45
Jan 5 2022	-81.67331	35.92248	63.51	-7.42	439256.16	3975559.74	5245.1	49718.99	49681.26	37.73	44.55
Jan 5 2022	-81.67330	35.92249	63.51	-7.42	439257.57	3975560.44	5245.5	49719.62	49681.26	38.37	44.63
Jan 5 2022	-81.67413	35.92192	63.51	-7.42	439182.19	3975498.66	5245.5	49684.64	49681.06	3.58	26.37
Jan 5 2022	-81.67328	35.92249	63.51	-7.42	439258.89	3975561.23	5245.7	49720.05	49681.26	38.80	44.70
Jan 5 2022	-81.67327	35.92250	63.51	-7.42	439260.02	3975561.96	5245.9	49720.11	49681.26	38.84	44.76
Jan 5 2022	-81.67318	35.92256	63.51	-7.42	439268.24	3975568.62	5246.0	49721.62	49681.28	40.33	45.22
Jan 5 2022	-81.67319	35.92255	63.51	-7.42	439267.38	3975567.80	5246.1	49721.19	49681.28	39.91	45.10
Jan 5 2022	-81.67320	35.92254	63.51	-7.42	439266.34	3975566.81	5246.2	49720.67	49681.29	39.39	45.05
Jan 5 2022	-81.67326	35.92250	63.51	-7.42	439261.35	3975562.51	5246.3	49719.45	49681.27	38.18	44.81
Jan 5 2022	-81.67321	35.92253	63.51	-7.42	439265.05	3975565.66	5246.3	49720.20	49681.28	38.92	45.00
Jan 5 2022	-81.67323	35.92252	63.51	-7.42	439263.86	3975564.48	5246.4	49719.91	49681.27	38.64	44.94

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					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67317	35.92256	63.51	-7.42	439269.36	3975569.06	5246.4	49722.22	49681.29	40.93	45.33
Jan 5 2022	-81.67324	35.92251	63.51	-7.42	439262.65	3975563.32	5246.5	49719.54	49681.27	38.27	44.88
Jan 5 2022	-81.67412	35.92191	63.51	-7.42	439182.59	3975497.08	5247.0	49683.33	49681.05	2.29	25.51
Jan 5 2022	-81.67315	35.92256	63.51	-7.42	439270.57	3975569.13	5247.1	49722.55	49681.29	41.25	45.41
Jan 5 2022	-81.67314	35.92257	63.51	-7.42	439271.83	3975569.32	5247.8	49723.44	49681.30	42.14	45.50
Jan 5 2022	-81.67313	35.92257	63.51	-7.42	439273.11	3975569.63	5248.4	49723.49	49681.29	42.20	45.58
Jan 5 2022	-81.67412	35.92189	63.51	-7.42	439182.73	3975495.43	5248.4	49683.28	49681.03	2.24	24.68
Jan 5 2022	-81.67311	35.92257	63.51	-7.42	439274.48	3975569.78	5249.2	49723.80	49681.28	42.52	45.66
Jan 5 2022	-81.67412	35.92188	63.51	-7.42	439182.87	3975494.05	5249.6	49683.10	49681.02	2.08	23.86
Jan 5 2022	-81.67309	35.92257	63.51	-7.42	439276.05	3975569.80	5250.2	49724.10	49681.27	42.83	45.74
Jan 5 2022	-81.67308	35.92257	63.51	-7.42	439277.48	3975570.16	5250.8	49724.70	49681.28	43.42	45.82
Jan 5 2022	-81.67411	35.92187	63.51	-7.42	439183.56	3975493.04	5250.8	49682.87	49681.01	1.86	23.07
Jan 5 2022	-81.67306	35.92258	63.51	-7.42	439278.86	3975570.41	5251.5	49725.99	49681.28	44.70	45.88
Jan 5 2022	-81.67410	35.92186	63.51	-7.42	439184.33	3975491.82	5252.2	49684.37	49681.00	3.37	22.38
Jan 5 2022	-81.67305	35.92258	63.51	-7.42	439280.35	3975570.57	5252.3	49726.84	49681.28	45.56	45.91
Jan 5 2022	-81.67303	35.92258	63.51	-7.42	439281.67	3975571.07	5252.8	49727.72	49681.28	46.44	45.92
Jan 5 2022	-81.67302	35.92259	63.51	-7.42	439282.99	3975571.55	5253.3	49728.28	49681.28	46.99	45.88
Jan 5 2022	-81.67410	35.92185	63.51	-7.42	439185.07	3975490.50	5253.7	49685.01	49681.00	4.01	21.76
Jan 5 2022	-81.67300	35.92259	63.51	-7.42	439284.45	3975571.69	5254.1	49728.78	49681.28	47.50	45.80
Jan 5 2022	-81.67299	35.92259	63.51	-7.42	439285.78	3975571.51	5255.1	49729.45	49681.29	48.16	45.79
Jan 5 2022	-81.67409	35.92184	63.51	-7.42	439185.97	3975489.34	5255.2	49685.37	49680.99	4.38	21.18
Jan 5 2022	-81.67297	35.92259	63.51	-7.42	439287.07	3975571.47	5256.0	49730.28	49681.29	48.99	45.89
Jan 5 2022	-81.67296	35.92259	63.51	-7.42	439288.37	3975571.69	5256.6	49731.06	49681.28	49.78	45.95
Jan 5 2022	-81.67408	35.92183	63.51	-7.42	439186.85	3975488.13	5256.7	49686.02	49680.99	5.04	20.63
Jan 5 2022	-81.67294	35.92259	63.51	-7.42	439289.55	3975571.82	5257.3	49731.57	49681.28	50.28	45.92

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67293	35.92259	63.51	-7.42	439290.88	3975571.92	5258.1	49732.58	49681.29	51.30	45.83
Jan 5 2022	-81.67407	35.92182	63.51	-7.42	439187.69	3975486.82	5258.2	49687.71	49680.98	6.73	20.10
Jan 5 2022	-81.67291	35.92259	63.51	-7.42	439292.42	3975571.96	5259.0	49733.60	49681.29	52.32	45.70
Jan 5 2022	-81.67406	35.92181	63.51	-7.42	439188.43	3975485.61	5259.6	49689.00	49680.97	8.03	19.61
Jan 5 2022	-81.67289	35.92258	63.51	-7.42	439294.09	3975570.79	5261.0	49734.82	49681.27	53.55	45.54
Jan 5 2022	-81.67405	35.92180	63.51	-7.42	439189.02	3975484.30	5261.0	49690.71	49680.96	9.75	19.07
Jan 5 2022	-81.67289	35.92257	63.51	-7.42	439294.60	3975569.87	5262.1	49734.83	49681.26	53.57	45.33
Jan 5 2022	-81.67404	35.92178	63.51	-7.42	439189.60	3975482.94	5262.4	49691.89	49680.95	10.93	18.68
Jan 5 2022	-81.67288	35.92256	63.51	-7.42	439294.96	3975568.61	5263.2	49733.77	49681.25	52.52	45.12
Jan 5 2022	-81.67404	35.92177	63.51	-7.42	439190.37	3975481.60	5264.0	49692.58	49680.95	11.64	18.28
Jan 5 2022	-81.67288	35.92255	63.51	-7.42	439295.19	3975566.95	5264.7	49733.11	49681.25	51.87	44.92
Jan 5 2022	-81.67403	35.92176	63.51	-7.42	439191.15	3975480.20	5265.5	49694.64	49680.94	13.70	17.87
Jan 5 2022	-81.67288	35.92253	63.51	-7.42	439295.15	3975565.37	5265.8	49731.55	49681.24	50.32	44.71
Jan 5 2022	-81.67289	35.92252	63.51	-7.42	439294.75	3975564.07	5266.6	49730.62	49681.22	49.40	44.52
Jan 5 2022	-81.67402	35.92175	63.51	-7.42	439191.75	3975479.10	5266.8	49695.54	49680.93	14.61	17.47
Jan 5 2022	-81.67289	35.92251	63.51	-7.42	439294.42	3975562.81	5267.3	49729.53	49681.22	48.31	44.35
Jan 5 2022	-81.67289	35.92250	63.51	-7.42	439293.90	3975561.57	5267.9	49728.85	49681.21	47.64	44.18
Jan 5 2022	-81.67401	35.92174	63.51	-7.42	439192.53	3975478.10	5268.0	49696.92	49680.92	16.00	17.11
Jan 5 2022	-81.67290	35.92249	63.51	-7.42	439293.47	3975560.18	5268.7	49727.92	49681.21	46.71	44.03
Jan 5 2022	-81.67400	35.92173	63.51	-7.42	439193.50	3975476.88	5269.6	49698.00	49680.91	17.08	16.78
Jan 5 2022	-81.67290	35.92247	63.51	-7.42	439293.40	3975558.64	5269.9	49727.21	49681.20	46.01	43.89
Jan 5 2022	-81.67290	35.92246	63.51	-7.42	439293.53	3975557.14	5271.1	49726.62	49681.19	45.43	43.76
Jan 5 2022	-81.67399	35.92172	63.51	-7.42	439194.39	3975475.39	5271.3	49698.99	49680.91	18.08	16.49
Jan 5 2022	-81.67290	35.92245	63.51	-7.42	439293.74	3975555.69	5272.3	49725.67	49681.18	44.49	43.63
Jan 5 2022	-81.67398	35.92170	63.51	-7.42	439195.16	3975473.75	5273.1	49700.33	49680.91	19.42	16.26

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67289	35.92243	63.51	-7.42	439293.97	3975554.32	5273.5	49724.80	49681.18	43.62	43.54
Jan 5 2022	-81.67398	35.92169	63.51	-7.42	439195.76	3975472.54	5274.4	49701.41	49680.90	20.51	16.12
Jan 5 2022	-81.67289	35.92242	63.51	-7.42	439294.14	3975553.00	5274.7	49724.38	49681.17	43.20	43.46
Jan 5 2022	-81.67397	35.92168	63.51	-7.42	439196.28	3975471.53	5275.5	49701.97	49680.88	21.09	16.10
Jan 5 2022	-81.67289	35.92241	63.51	-7.42	439294.18	3975551.79	5275.6	49723.80	49681.17	42.63	43.38
Jan 5 2022	-81.67289	35.92240	63.51	-7.42	439294.17	3975550.61	5276.5	49723.58	49681.16	42.42	43.31
Jan 5 2022	-81.67396	35.92167	63.51	-7.42	439196.73	3975470.34	5276.7	49702.92	49680.87	22.04	16.28
Jan 5 2022	-81.67289	35.92239	63.51	-7.42	439294.20	3975549.40	5277.4	49723.46	49681.16	42.30	43.24
Jan 5 2022	-81.67396	35.92166	63.51	-7.42	439197.27	3975469.15	5278.0	49703.75	49680.87	22.87	16.68
Jan 5 2022	-81.67289	35.92238	63.51	-7.42	439294.23	3975548.20	5278.4	49723.39	49681.16	42.23	43.18
Jan 5 2022	-81.67395	35.92165	63.51	-7.42	439197.93	3975468.06	5279.2	49704.91	49680.87	24.04	17.17
Jan 5 2022	-81.67289	35.92236	63.51	-7.42	439294.28	3975546.64	5279.6	49723.30	49681.14	42.15	43.10
Jan 5 2022	-81.67394	35.92164	63.51	-7.42	439198.72	3975466.97	5280.6	49706.89	49680.86	26.03	16.13
Jan 5 2022	-81.67289	35.92235	63.51	-7.42	439294.08	3975544.84	5280.9	49723.26	49681.13	42.12	43.03
Jan 5 2022	-81.67290	35.92233	63.51	-7.42	439293.46	3975543.42	5281.6	49723.26	49681.13	42.13	42.95
Jan 5 2022	-81.67393	35.92163	63.51	-7.42	439199.43	3975465.74	5282.0	49709.68	49680.85	28.83	13.41
Jan 5 2022	-81.67291	35.92232	63.51	-7.42	439292.61	3975542.03	5282.1	49723.24	49681.12	42.12	42.87
Jan 5 2022	-81.67292	35.92231	63.51	-7.42	439291.89	3975540.59	5282.7	49722.94	49681.11	41.83	42.80
Jan 5 2022	-81.67292	35.92230	63.51	-7.42	439291.44	3975539.49	5283.3	49722.72	49681.11	41.61	42.74
Jan 5 2022	-81.67393	35.92162	63.51	-7.42	439200.19	3975464.38	5283.5	49712.41	49680.85	31.56	3.34
Jan 5 2022	-81.67293	35.92229	63.51	-7.42	439290.90	3975538.22	5283.9	49722.72	49681.11	41.61	42.69
Jan 5 2022	-81.67293	35.92227	63.51	-7.42	439290.52	3975536.73	5284.8	49722.49	49681.11	41.39	42.63
Jan 5 2022	-81.67392	35.92160	63.51	-7.42	439200.89	3975463.06	5285.0	49715.59	49680.84	34.75	0.02
Jan 5 2022	-81.67293	35.92226	63.51	-7.42	439290.06	3975535.12	5285.7	49722.47	49681.10	41.37	42.54
Jan 5 2022	-81.67391	35.92159	63.51	-7.42	439201.42	3975461.91	5286.2	49717.50	49680.83	36.66	6.55

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67294	35.92225	63.51	-7.42	439289.41	3975533.68	5286.4	49722.50	49681.09	41.41	42.41
Jan 5 2022	-81.67295	35.92224	63.51	-7.42	439288.86	3975532.71	5286.8	49722.76	49681.09	41.67	42.34
Jan 5 2022	-81.67295	35.92223	63.51	-7.42	439288.32	3975531.43	5287.4	49722.99	49681.09	41.90	42.27
Jan 5 2022	-81.67390	35.92158	63.51	-7.42	439202.09	3975460.65	5287.6	49719.85	49680.82	39.03	15.03
Jan 5 2022	-81.67296	35.92221	63.51	-7.42	439287.83	3975529.77	5288.4	49726.69	49681.07	45.62	42.19
Jan 5 2022	-81.67297	35.92220	63.51	-7.42	439287.25	3975528.34	5289.1	49726.87	49681.06	45.80	42.04
Jan 5 2022	-81.67390	35.92157	63.51	-7.42	439202.87	3975459.23	5289.2	49721.76	49680.81	40.95	20.16
Jan 5 2022	-81.67297	35.92219	63.51	-7.42	439286.61	3975527.05	5289.7	49726.38	49681.06	45.32	41.90
Jan 5 2022	-81.67298	35.92218	63.51	-7.42	439286.11	3975525.78	5290.4	49726.57	49681.06	45.51	41.78
Jan 5 2022	-81.67389	35.92156	63.51	-7.42	439203.42	3975457.80	5290.7	49722.35	49680.80	41.56	19.85
Jan 5 2022	-81.67298	35.92216	63.51	-7.42	439286.00	3975524.36	5291.4	49727.13	49681.06	46.07	41.66
Jan 5 2022	-81.67388	35.92154	63.51	-7.42	439203.85	3975456.46	5292.0	49722.23	49680.78	41.45	18.81
Jan 5 2022	-81.67298	35.92215	63.51	-7.42	439286.06	3975522.74	5292.7	49727.63	49681.04	46.58	41.53
Jan 5 2022	-81.67388	35.92153	63.51	-7.42	439204.63	3975455.20	5293.5	49722.01	49680.78	41.24	18.50
Jan 5 2022	-81.67298	35.92213	63.51	-7.42	439286.16	3975521.18	5293.9	49727.48	49681.03	46.46	41.39
Jan 5 2022	-81.67387	35.92152	63.51	-7.42	439205.56	3975454.06	5294.9	49721.89	49680.77	41.13	18.63
Jan 5 2022	-81.67297	35.92212	63.51	-7.42	439286.53	3975519.78	5295.2	49727.52	49681.02	46.50	41.25
Jan 5 2022	-81.67385	35.92152	63.51	-7.42	439206.50	3975453.48	5296.0	49721.70	49680.76	40.94	18.87
Jan 5 2022	-81.67297	35.92211	63.51	-7.42	439286.58	3975518.55	5296.2	49727.71	49681.01	46.70	41.11
Jan 5 2022	-81.67384	35.92152	63.51	-7.42	439207.66	3975453.45	5296.7	49722.20	49680.75	41.45	19.14
Jan 5 2022	-81.67298	35.92210	63.51	-7.42	439286.32	3975517.20	5297.1	49727.27	49681.00	46.26	40.95
Jan 5 2022	-81.67383	35.92152	63.51	-7.42	439208.90	3975453.32	5297.6	49722.03	49680.75	41.28	19.46
Jan 5 2022	-81.67298	35.92209	63.51	-7.42	439285.98	3975515.80	5297.9	49726.74	49681.00	45.74	40.81
Jan 5 2022	-81.67298	35.92207	63.51	-7.42	439285.48	3975514.68	5298.5	49725.51	49681.00	44.52	40.68
Jan 5 2022	-81.67382	35.92152	63.51	-7.42	439210.05	3975453.10	5298.5	49721.61	49680.75	40.86	19.81

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	Running Average (nT)
Jan 5 2022	-81.67299	35.92206	63.51	-7.42	439285.12	3975513.42	5299.2	49724.28	49680.99	43.29	40.58
Jan 5 2022	-81.67380	35.92151	63.51	-7.42	439211.43	3975452.87	5299.5	49721.55	49680.75	40.80	20.20
Jan 5 2022	-81.67299	35.92205	63.51	-7.42	439284.87	3975512.09	5300.1	49727.75	49680.98	46.77	40.50
Jan 5 2022	-81.67378	35.92151	63.51	-7.42	439212.84	3975452.69	5300.6	49721.70	49680.75	40.95	20.64
Jan 5 2022	-81.67299	35.92204	63.51	-7.42	439284.78	3975511.00	5300.9	49733.96	49680.97	52.99	40.35
Jan 5 2022	-81.67377	35.92151	63.51	-7.42	439214.23	3975452.60	5301.5	49721.63	49680.75	40.88	21.10
Jan 5 2022	-81.67299	35.92203	63.51	-7.42	439284.80	3975509.62	5301.9	49733.14	49680.96	52.17	40.08
Jan 5 2022	-81.67375	35.92151	63.51	-7.42	439215.74	3975452.43	5302.6	49721.90	49680.75	41.15	21.59
Jan 5 2022	-81.67299	35.92201	63.51	-7.42	439284.60	3975507.97	5303.1	49729.35	49680.95	48.39	39.83
Jan 5 2022	-81.67373	35.92151	63.51	-7.42	439217.33	3975452.43	5303.6	49722.08	49680.75	41.33	22.13
Jan 5 2022	-81.67300	35.92200	63.51	-7.42	439284.25	3975506.41	5304.1	49726.46	49680.94	45.52	39.65
Jan 5 2022	-81.67372	35.92151	63.51	-7.42	439218.71	3975452.87	5304.1	49722.14	49680.75	41.39	22.70
Jan 5 2022	-81.67371	35.92152	63.51	-7.42	439220.01	3975453.40	5304.5	49722.22	49680.75	41.47	23.26
Jan 5 2022	-81.67300	35.92199	63.51	-7.42	439283.93	3975504.85	5305.1	49725.89	49680.93	44.96	39.52
Jan 5 2022	-81.67369	35.92152	63.51	-7.42	439221.43	3975453.51	5305.3	49722.40	49680.75	41.65	23.88
Jan 5 2022	-81.67300	35.92197	63.51	-7.42	439283.61	3975503.20	5306.1	49725.08	49680.93	44.15	39.40
Jan 5 2022	-81.67368	35.92152	63.51	-7.42	439222.68	3975453.45	5306.1	49722.42	49680.74	41.68	24.58
Jan 5 2022	-81.67366	35.92152	63.51	-7.42	439223.84	3975453.49	5306.8	49722.49	49680.74	41.74	25.32
Jan 5 2022	-81.67301	35.92196	63.51	-7.42	439283.05	3975501.60	5307.0	49724.16	49680.92	43.24	39.30
Jan 5 2022	-81.67302	35.92195	63.51	-7.42	439282.48	3975500.30	5307.6	49723.95	49680.92	43.04	39.22
Jan 5 2022	-81.67365	35.92152	63.51	-7.42	439224.98	3975453.37	5307.6	49722.15	49680.74	41.41	26.08
Jan 5 2022	-81.67302	35.92193	63.51	-7.42	439282.03	3975498.96	5308.4	49723.19	49680.91	42.28	39.15
Jan 5 2022	-81.67363	35.92152	63.51	-7.42	439226.43	3975453.25	5308.6	49722.57	49680.74	41.83	26.87
Jan 5 2022	-81.67303	35.92192	63.51	-7.42	439281.43	3975497.57	5309.1	49722.51	49680.90	41.61	39.11
Jan 5 2022	-81.67303	35.92191	63.51	-7.42	439280.94	3975496.31	5309.7	49721.88	49680.89	40.99	39.07

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total			50 pt Running Average (nT)
					Easting	Northing		Field (nT)	IGRF (nT)	Anomaly (nT)	
Jan 5 2022	-81.67361	35.92152	63.51	-7.42	439228.18	3975453.16	5309.8	49722.51	49680.74	41.78	27.66
Jan 5 2022	-81.67304	35.92190	63.51	-7.42	439280.68	3975495.05	5310.5	49721.45	49680.88	40.57	39.01
Jan 5 2022	-81.67360	35.92152	63.51	-7.42	439229.72	3975453.15	5310.8	49722.44	49680.73	41.71	28.45
Jan 5 2022	-81.67304	35.92189	63.51	-7.42	439280.47	3975493.66	5311.5	49720.99	49680.88	40.12	38.99
Jan 5 2022	-81.67358	35.92152	63.51	-7.42	439231.11	3975453.29	5311.5	49722.31	49680.73	41.59	29.25
Jan 5 2022	-81.67304	35.92187	63.51	-7.42	439280.26	3975492.26	5312.4	49720.73	49680.87	39.86	39.00
Jan 5 2022	-81.67357	35.92152	63.51	-7.42	439232.41	3975453.10	5312.5	49721.69	49680.73	40.97	30.00
Jan 5 2022	-81.67304	35.92186	63.51	-7.42	439279.96	3975490.83	5313.3	49720.52	49680.87	39.66	39.02
Jan 5 2022	-81.67355	35.92152	63.51	-7.42	439233.81	3975452.98	5313.5	49721.19	49680.73	40.46	30.73
Jan 5 2022	-81.67305	35.92185	63.51	-7.42	439279.46	3975489.31	5314.2	49720.36	49680.86	39.50	39.04
Jan 5 2022	-81.67354	35.92152	63.51	-7.42	439235.30	3975453.09	5314.3	49721.15	49680.73	40.42	31.45
Jan 5 2022	-81.67305	35.92183	63.51	-7.42	439279.00	3975487.87	5315.0	49720.22	49680.85	39.37	39.05
Jan 5 2022	-81.67352	35.92152	63.51	-7.42	439236.69	3975453.04	5315.2	49720.71	49680.73	39.99	32.15
Jan 5 2022	-81.67306	35.92182	63.51	-7.42	439278.66	3975486.35	5316.0	49720.47	49680.85	39.62	39.07
Jan 5 2022	-81.67351	35.92152	63.51	-7.42	439237.87	3975452.97	5316.0	49721.09	49680.72	40.37	32.82
Jan 5 2022	-81.67350	35.92152	63.51	-7.42	439238.95	3975452.95	5316.7	49721.47	49680.73	40.75	33.48
Jan 5 2022	-81.67306	35.92181	63.51	-7.42	439278.56	3975484.95	5317.0	49720.57	49680.84	39.72	39.08
Jan 5 2022	-81.67348	35.92152	63.51	-7.42	439240.34	3975453.10	5317.5	49721.35	49680.73	40.62	34.09
Jan 5 2022	-81.67306	35.92180	63.51	-7.42	439278.54	3975483.94	5317.7	49720.01	49680.83	39.18	39.11
Jan 5 2022	-81.67306	35.92179	63.51	-7.42	439278.15	3975482.94	5318.3	49719.97	49680.83	39.14	39.16
Jan 5 2022	-81.67346	35.92152	63.51	-7.42	439241.75	3975453.20	5318.3	49720.37	49680.73	39.64	34.67
Jan 5 2022	-81.67307	35.92178	63.51	-7.42	439277.66	3975481.68	5318.9	49720.00	49680.83	39.17	39.21
Jan 5 2022	-81.67345	35.92152	63.51	-7.42	439243.16	3975453.27	5319.1	49718.95	49680.72	38.22	35.20
Jan 5 2022	-81.67307	35.92177	63.51	-7.42	439277.19	3975480.39	5319.6	49719.99	49680.82	39.17	39.26
Jan 5 2022	-81.67343	35.92152	63.51	-7.42	439244.55	3975453.29	5320.0	49720.10	49680.72	39.37	35.71

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total		IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing		Field (nT)	Running Average (nT)			
Jan 5 2022	-81.67308	35.92176	63.51	-7.42	439276.84	3975479.36	5320.2	49719.17	49680.82	38.35	39.31	
Jan 5 2022	-81.67308	35.92175	63.51	-7.42	439276.57	3975478.42	5320.8	49719.14	49680.82	38.33	39.37	
Jan 5 2022	-81.67342	35.92152	63.51	-7.42	439245.88	3975453.28	5320.8	49721.14	49680.73	40.41	36.23	
Jan 5 2022	-81.67309	35.92173	63.51	-7.42	439276.11	3975477.03	5321.5	49719.08	49680.81	38.27	39.44	
Jan 5 2022	-81.67340	35.92152	63.51	-7.42	439247.23	3975453.27	5321.7	49720.20	49680.73	39.47	36.70	
Jan 5 2022	-81.67309	35.92172	63.51	-7.42	439275.56	3975475.59	5322.3	49719.11	49680.80	38.31	39.51	
Jan 5 2022	-81.67339	35.92152	63.51	-7.42	439248.54	3975453.19	5322.6	49719.93	49680.73	39.20	37.14	
Jan 5 2022	-81.67310	35.92171	63.51	-7.42	439275.18	3975474.18	5323.1	49719.35	49680.79	38.56	39.58	
Jan 5 2022	-81.67337	35.92152	63.51	-7.42	439250.02	3975453.54	5323.2	49720.04	49680.73	39.32	37.56	
Jan 5 2022	-81.67336	35.92153	63.51	-7.42	439251.55	3975453.98	5323.9	49719.69	49680.73	38.96	37.96	
Jan 5 2022	-81.67310	35.92170	63.51	-7.42	439274.85	3975472.64	5324.1	49719.51	49680.79	38.72	39.64	
Jan 5 2022	-81.67310	35.92168	63.51	-7.42	439274.38	3975471.43	5324.8	49719.80	49680.78	39.02	39.69	
Jan 5 2022	-81.67334	35.92153	63.51	-7.42	439252.98	3975453.94	5324.8	49719.81	49680.72	39.09	38.33	
Jan 5 2022	-81.67311	35.92167	63.51	-7.42	439273.93	3975470.37	5325.3	49719.63	49680.77	38.86	39.74	
Jan 5 2022	-81.67312	35.92166	63.51	-7.42	439273.25	3975469.26	5325.7	49717.52	49680.77	36.75	39.78	
Jan 5 2022	-81.67332	35.92152	63.51	-7.42	439254.34	3975453.86	5325.7	49720.06	49680.72	39.34	38.69	
Jan 5 2022	-81.67313	35.92165	63.51	-7.42	439272.38	3975468.11	5326.1	49715.34	49680.77	34.57	39.86	
Jan 5 2022	-81.67331	35.92152	63.51	-7.42	439255.65	3975453.72	5326.7	49720.33	49680.71	39.62	39.04	
Jan 5 2022	-81.67313	35.92164	63.51	-7.42	439271.97	3975466.79	5326.8	49718.70	49680.76	37.94	39.99	
Jan 5 2022	-81.67330	35.92152	63.51	-7.42	439256.80	3975453.41	5327.6	49720.11	49680.72	39.39	39.37	
Jan 5 2022	-81.67313	35.92163	63.51	-7.42	439271.86	3975465.38	5327.9	49718.96	49680.76	38.20	40.05	
Jan 5 2022	-81.67328	35.92152	63.51	-7.42	439258.02	3975453.44	5328.4	49720.06	49680.72	39.34	39.68	
Jan 5 2022	-81.67313	35.92162	63.51	-7.42	439271.55	3975464.09	5328.7	49718.80	49680.75	38.05	40.10	
Jan 5 2022	-81.67327	35.92152	63.51	-7.42	439259.38	3975453.52	5329.2	49720.13	49680.72	39.42	39.95	
Jan 5 2022	-81.67314	35.92160	63.51	-7.42	439271.13	3975462.62	5329.5	49718.97	49680.74	38.23	40.17	

Date	Longitude	Latitude	Inclination	Declination	UTM		Distance (m)	Total Field (nT)	IGRF (nT)	Anomaly (nT)	50 pt
					Easting	Northing					Running Average (nT)
Jan 5 2022	-81.67325	35.92152	63.51	-7.42	439260.68	3975453.55	5330.0	49719.95	49680.71	39.24	40.16
Jan 5 2022	-81.67314	35.92159	63.51	-7.42	439270.69	3975461.12	5330.4	49719.53	49680.74	38.79	40.23
Jan 5 2022	-81.67324	35.92152	63.51	-7.42	439261.98	3975453.56	5330.8	49719.99	49680.72	39.27	40.31
Jan 5 2022	-81.67315	35.92158	63.51	-7.42	439270.18	3975459.90	5331.0	49719.84	49680.73	39.10	40.27
Jan 5 2022	-81.67316	35.92157	63.51	-7.42	439269.59	3975458.75	5331.5	49720.26	49680.73	39.53	40.31
Jan 5 2022	-81.67323	35.92152	63.51	-7.42	439263.31	3975453.48	5331.7	49719.88	49680.72	39.16	40.40
Jan 5 2022	-81.67316	35.92156	63.51	-7.42	439268.87	3975457.70	5331.9	49720.44	49680.73	39.71	40.35
Jan 5 2022	-81.67317	35.92155	63.51	-7.42	439267.92	3975456.56	5332.2	49720.39	49680.73	39.66	40.38
Jan 5 2022	-81.67321	35.92152	63.51	-7.42	439264.65	3975453.82	5332.3	49719.59	49680.72	38.87	40.44
Jan 5 2022	-81.67319	35.92154	63.51	-7.42	439266.89	3975455.43	5332.4	49720.30	49680.72	39.58	40.42
Jan 5 2022	-81.67320	35.92153	63.51	-7.42	439265.87	3975454.53	5332.5	49720.01	49680.72	39.29	40.45

APPENDIX C. Structural Data

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CL047-B	35.89808	-81.63954	367	S	Aplitic Granitoid	145	16				
21CI202-A	35.9019	-81.68336	364	S	Contact - Ohg/Ztfs	75	58				
21CI202-B	35.9019	-81.68336	364	S	Contact - Ohg/Ztfs	50	26				
21CI132	35.93929	-81.73567	576	N	Contact - Pebm/Pegvm	59	54	141	65	148	34
21CI175-A	35.99841	-81.74155	589	N	Contact - Pebr/Pegf	19	55				
21CI251	35.94939	-81.74047		N	Contact - Pegf/Pebr	28	46	106	27	188	41
21CI252	35.94984	-81.74042		N	Contact - Pegf/Pebr	20	47			123	46
21CI255	35.95061	-81.74361		N	Contact - Pegf/Pebr	36	61	13	54		
21CI254	35.95117	-81.74045		N	Contact - Pegf/Pebr	5	46				
21CI254	35.95117	-81.74045		N	Contact - Pegf/Pebr	48	31				
21CI212	35.99141	-81.67985	395	N	Contact - Pew/Pebr	17	46				

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CI212	35.99141	-81.67985	395	N	Contact - Pew/Pebr	7	45				
21CI091	35.96797	-81.63176	361	N	Contact - Zabg, Granitoid	38	31			154	28
21CI171-A	35.92472	-81.69306		N	Contact - Zabg/Pew	208	42			226	38
21CI171-B	35.92472	-81.69306		N	Contact - Zabg/Pew	54	51				
21CI170-A	35.92667	-81.68894	411	N	Contact - Zabg/Pew	45	65				
21CI170-B	35.92667	-81.68894	411	N	Contact - Zabg/Pew	31	47				
21CI117	35.89711	-81.73591	410	A	Contact - Zabs/Zabg	58	28				
21CI189	35.90328	-81.71886	364	A	Contact - Zabs/Zabg	48	69			70	35
21CI231	35.91116	-81.65793		S	Contact - Ztfs/Ztfg	64	55	57	53		
21CI232	35.91142	-81.65986		S	Contact - Ztfs/Ztfg	60	48	58	62	234	7
21CI157	35.94203	-81.73254	639	N	Fault zone - Pegf/Pegvm	48	50	57	75	122	43

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21Cl158	35.94194	-81.73153	661	N	Fault zone - Pegvm	20	45	44	45	134	45
21CL047-A	35.89808	-81.63954	367	S	Granitoid	145	16				
21Cl100	35.87609	-81.73794	318	S	Ohg	254	64			250	9
21CL009	35.88565	-81.6904	420	S	Ohg	76	40			58	4
21Cl206	35.88751	-81.66244	378	S	Ohg	66	37				
21Cl208	35.89251	-81.63827	375	S	Ohg	64	27			234	5
21Cl201	35.90186	-81.6833	356	S	Ohg	76	47			70	4
21Cl222	35.90384	-81.64709		S	Ohg	75	38	68	33	96	20
21CL052	35.92106	-81.64809	383	S	Ohg	54	51			69	23
21CL037	35.89736	-81.75723	432	N	Pebm	16	65				
21CL005	35.8984	-81.74629	358	N	Pebm	10	60				
21CL038	35.89855	-81.75465	436	N	Pebm	355	76				
21Cl112	35.91199	-81.73468	414	N	Pebm	104	17				
21CL019	35.92498	-81.73338	334	N	Pebm	43	39				
21Cl110	35.92666	-81.73376	384	N	Pebm					122	43
21Cl130	35.93299	-81.73474	462	N	Pebm	86	44			172	44
21Cl113	35.90129	-81.73793	410	N	Pebr	230	64				
21CL016	35.90746	-81.72546	348	N	Pebr	57	61			77	32
21Cl075	35.93754	-81.71991	510	N	Pebr	120	42			264	42
21Cl074	35.93831	-81.71998	525	N	Pebr	324	67			14	17
21Cl218	35.94353	-81.72914		N	Pebr	67	40			146	29
21Cl059	35.94979	-81.70374	343	N	Pebr	65	49	348	57	130	43
21Cl256	35.95062	-81.74368		N	Pebr	34	43			125	43

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CI073-B	35.95422	-81.70736	374 N	Pebr		53	39			142	36
21CI066-A	35.96735	-81.70259	369 N	Pebr		22	54	355	81		
21CI211	35.99095	-81.68002	394 N	Pebr		78	10			162	10
21CI174	35.9992	-81.74092	572 N	Pebr						34	26
21CI126-B	35.89452	-81.74255	393 N	Pegf		93	68				
21CI125	35.89725	-81.74084	N	Pegf		83	75			184	72
21CI122	35.89919	-81.73983	383 N	Pegf		66	63			155	63
21CI121	35.89944	-81.73803	381 N	Pegf		244	64				
21CI119	35.89946	-81.73682	402 N	Pegf		53	49	242	50		
21CI114	35.90115	-81.73804	421 N	Pegf		196	59				
21CI080	35.91461	-81.70832	400 N	Pegf		43	56				
21CI079	35.92026	-81.70656	436 N	Pegf		35	65				
21CI176	35.92439	-81.70721	460 N	Pegf		196	46				
21CI077	35.92712	-81.71285	473 N	Pegf		56	74				
21CI177	35.92899	-81.69814	419 N	Pegf		52	73				
21CL033-A	35.9377	-81.6928	326 N	Pegf		38	50			152	47
21CL034	35.93833	-81.69407	344 N	Pegf		310	2				
21CI220	35.93913	-81.73591	N	Pegf		77	50	288	59		
21CL020	35.94176	-81.74648	439 N	Pegf		41	49				
21CIArthur01	35.94203	-81.73269	620 N	Pegf		90	44			160	42
21CI156	35.94266	-81.73426	633 N	Pegf		92	67	88	57		
21CI213	35.9438	-81.7377	N	Pegf		34	45	350	76		
21CI245	35.94447	-81.73882	N	Pegf		47	57				
21CI247	35.94522	-81.73906	N	Pegf		61	59				

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CI154	35.94528	-81.73556		N	Pegf	73	56				
21CI248	35.94535	-81.73901		N	Pegf	65	59	1	58		
21CI098	35.94593	-81.75323	431	N	Pegf	24	54			152	48
21CI152	35.94639	-81.73389		N	Pegf	34	64	333	73		
21CI150	35.94694	-81.73444		N	Pegf	16	66	38	56	122	65
21CI151	35.94703	-81.7347	567	N	Pegf	15	66			125	62
21CI249	35.94707	-81.73978		N	Pegf	29	38				
21CI097	35.94919	-81.75643	435	N	Pegf	57	40			136	39
21CI250	35.9494	-81.74046		N	Pegf	358	36	128	11		
21CI253	35.95005	-81.74038		N	Pegf	32	48			139	48
21CI257	35.95223	-81.74602		N	Pegf	27	43				
21CI120	35.89961	-81.73705	397	N	Pegf	61	82	248	60		
21CI072	35.96275	-81.70725	355	N	Pegf/gvm	285	10			55	8
21CI237	35.96435	-81.67423		N	Pegf/gvm	71	74				
21CI071	35.96514	-81.70631	382	N	Pegf/gvm	45	40			148	39
21CI153	35.94563	-81.7355	577	N	Pegf/Pebm	66	36	302	52		
21CI123	35.89936	-81.74019	398	N	Pegf/Pebr	228	63			155	63
21CI155	35.93948	-81.7355	586	N	Pegvm	2	80	36	35		
21CI155-B	35.93948	-81.7355	590	N	Pegvm	134	66			165	59
21CIArthur02	35.94176	-81.73219	625	N	Pegvm	28	39			151	37
21CI214	35.9423	-81.73149		N	Pegvm	23	69				
21CI241	35.90872	-81.7265		N	Pew	62	58			166	57
21CL018	35.91154	-81.72714	340	N	Pew	53	56				

Station #	Latitude	Longitude	Elevation (m)	Location	Rock Unit	Foliation	Foliation		Cleavage		Lination	Lination
				w/Regard to BFZ (N/S/A)		Attitude Strike (RHR)	Attitude Dip	Strike (RHR)	Dip	Attitude Trend	Attitude Plunge	
21Cl178	35.92271	-81.70916	441	N	Pew	42	55					
21Cl168	35.92656	-81.69031	424	N	Pew	48	72	228	29	226	23	
21CL031	35.93106	-81.6851	344	N	Pew	73	44			170	44	
21CL032-A	35.93194	-81.68741	342	N	Pew	355	28			170	8	
21CL023	35.93645	-81.68133	335	N	Pew	0	45			185	40	
21Cl058	35.94513	-81.70172	354	N	Pew	349	65			160	19	
21CL024	35.9515	-81.67797	394	N	Pew	53	85			155	85	
21Cl239	35.95328	-81.67779		N	Pew	17	73	358	78	180	52	
21Cl238	35.96352	-81.67473		N	Pew	69	50	60	50	150	50	
21Cl087	35.97688	-81.63461	398	N	Pew	21	49			72	14	
21Cl061	35.97906	-81.68405	361	N	Pew	39	57			136	55	
21Cl060-B	35.9796	-81.6814	343	N	Pew	59	49			152	48	
21CL025	35.98226	-81.68023	368	N	Pew	33	50			145	48	
21CL035	35.98816	-81.67699	375	N	Pew	20	55			161	49	
21Cl210	35.99673	-81.68165	374	N	Pew	359	48	10	57	194	16	
21Cl086	35.98494	-81.63988	379	N	Pewcl	190	65					
21CL029	35.92357	-81.66458	341	S	Pegmatite	293	42					
21Cl147	35.90812	-81.69877	379	A	Pzb	57	44			95	26	
21Cl137	35.91125	-81.69582	368	A	Pzb	329	40					
21CL021	35.91219	-81.6908	333	A	Pzb	241	55			65	5	
21CL039	35.91224	-81.69071	328	A	Pzb	247	55			74	10	
21Cl164	35.91714	-81.68282	338	A	Pzb	52	78			241	28	
21Cl105	35.92527	-81.67311	355	A	Pzb	220	80	29	70	15	10	
21Cl055	35.89399	-81.74227	375	N	Zabg					50	13	

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination Attitude Trend	Lination Attitude Plunge
21CI126-A	35.89452	-81.74255	393	N	Zabg	74	45				
21CI082	35.9116	-81.70037	357	N	Zabg	95	45				
21CI081	35.91253	-81.70366	370	N	Zabg	337	24			38	24
21CI142	35.9162	-81.69424	395	N	Zabg	47	38				
21CI169	35.92565	-81.68847	408	N	Zabg	290	54				
21CL032-B	35.93194	-81.68741	342	N	Zabg	355	28			170	8
21CI186	35.95105	-81.65127		N	Zabg	33	79	44	37		
21CI165	35.95188	-81.65088	375	N	Zabg	62	57				
21CI185	35.95192	-81.65414	417	N	Zabg	35	65			204	15
21CI184	35.95207	-81.65433	408	N	Zabg	52	43				
21CI183	35.95227	-81.65461	405	N	Zabg	34	45				
21CI182	35.95431	-81.65418	421	N	Zabg	79	42	45	22		
21CI090-B	35.97154	-81.63299	360	N	Zabg	103	43				
21CI069	35.89164	-81.73911	347	A	Zabs	60	20				
21CI056-A	35.89347	-81.74161	345	A	Zabs					22	14
21CI118	35.89582	-81.73594	413	A	Zabs	66	37				
21CI115	35.89585	-81.73627	402	A	Zabs	3	37				
21CI116	35.89594	-81.73623	404	A	Zabs	10	32				
21CI190	35.90281	-81.71947	346	A	Zabs	53	44			184	44
21CI187	35.903	-81.71951	350	A	Zabs	104	58			122	26
21CI149	35.91557	-81.69086	366	A	Zabs	82	30				

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Foliation		Cleavage		Lination	
						Attitude Strike (RHR)	Attitude Dip	Strike (RHR)	Cleavage Dip	Attitude Trend	Attitude Plunge
21Cl140	35.91625	-81.69113	389 A	Zabs	62	59					
21Cl134	35.91659	-81.69051	384 A	Zabs	139	29	73	79	154	24	
21Cl133	35.91664	-81.69066	375 A	Zabs	91	54					
21Cl136	35.91862	-81.68362	382 A	Zabs	86	44					
21Cl103	35.92233	-81.6808	391 A	Zabs	88	64			164	49	
21Cl102	35.92276	-81.6833	394 A	Zabs	24	47					
21Cl166	35.9245	-81.68255	375 A	Zabs	227	38					
21Cl167	35.92471	-81.68242	387 A	Zabs	79	20					
21Cl181	35.95045	-81.65005	398 A	Zabs	37	63	58	16	198	34	
21Cl093	35.9646	-81.62686	335 A	Zabs	60	26					
21Cl092	35.96585	-81.62872	362 A	Zabs	315	26					
21CL042	35.88691	-81.61732	340 S	Ztfa	44	44			186	17	
21CL013-B	35.8882	-81.71146	324 S	Ztfa	50	74			232	8	
21CL045	35.89352	-81.63573	384 S	Ztfa	99	53					
21CL045	35.89352	-81.63573	384 S	Ztfa	85	57			98	4	
21Cl104	35.95545	-81.62041	403 S	Ztfa	42	86			35	35	
21Cl180	35.87937	-81.65515	348 S	Ztfg	68	48					
21Cl107-A	35.88402	-81.7037	340 S	Ztfg	57	39			58	8	
21Cl106	35.88444	-81.70302	335 S	Ztfg	52	54			59	17	
21CL012	35.88463	-81.70712	334 S	Ztfg	29	54					
21CL008	35.88568	-81.69028	394 S	Ztfg	63	11			61	2	
21CL010	35.88602	-81.69222	351 S	Ztfg	70	18			65	7	
21Cl204	35.88606	-81.66151	353 S	Ztfg	34	12					

Station #	Latitude	Longitude	Elevation (m)	Location	Rock Unit	Foliation	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Lination	Lination
				w/Regard to BFZ (N/S/A)		Strike (RHR)				Attitude Trend	Attitude Plunge
21CI205	35.88733	-81.66261	379 S		Ztfg	10	33			54	14
21CI160	35.88848	-81.70274	351 S		Ztfg	64	34			262	12
21CI159-B	35.8908	-81.70277	345 S		Ztfg	21	38				
21CI109	35.8909	-81.68174	379 S		Ztfg	64	12				
21CL014	35.89164	-81.71412	337 S		Ztfg	193	38				
21CI127-A	35.89186	-81.70194	333 S		Ztfg	55	38			70	28
21CL015	35.89553	-81.71253	338 S		Ztfg	48	78			238	30
21CI203	35.89582	-81.68819	346 S		Ztfg	230	77	327	42		
21CL046	35.89649	-81.63892	347 S		Ztfg	70	52			183	30
21CI195	35.89954	-81.67937	391 S		Ztfg	261	62				
21CI243	35.90041	-81.71204	S		Ztfg	36	46	48	85		
21CI198	35.90098	-81.68156	379 S		Ztfg	221	27				
21CL048	35.90112	-81.63956	253 S		Ztfg	53	43			70	10
21CI197	35.90112	-81.68085	373 S		Ztfg	244	61				
21CI221	35.90157	-81.64358	S		Ztfg	72	24				
21CI194	35.90209	-81.67768	427 S		Ztfg	128	32			265	28
21CI193	35.90271	-81.67734	446 S		Ztfg	54	44				
21CL049	35.90279	-81.6405	364 S		Ztfg	77	32			88	4
21CI191	35.90318	-81.67645	475 S		Ztfg	48	43				
21CI085-A	35.90705	-81.69921	344 S		Ztfg	253	70			292	67
21CI226	35.90979	-81.65419	S		Ztfg	240	38	45	63	54	6
21CI235	35.91066	-81.66355	S		Ztfg	101	63	126	55		

Station #	Latitude	Longitude	Elevation (m)	Location	Rock Unit	Foliation			Lination		
				w/Regard to BFZ (N/S/A)		Attitude Strike (RHR)	Foliation Attitude Dip	Cleavage Strike (RHR)	Cleavage Dip	Attitude Trend	Attitude Plunge
21Cl230	35.91279	-81.65448		S	Ztfg	53	44	240	52		
21CL022	35.91928	-81.67612	337	S	Ztfg	59	77			56	7
21CL053	35.92421	-81.62765	395	S	Ztfg	48	58			50	11
21Cl179	35.92503	-81.65584	368	S	Ztfg	54	45			65	21
21Cl096	35.92675	-81.65938	345	S	Ztfg	036, 060	39,60			65	6
21CL026-A	35.94055	-81.64195		S	Ztfg	37	24				
21CL026-B	35.94055	-81.64195		S	Ztfg	137	55			96	7
21CL054-A	35.94177	-81.61153	405	S	Ztfg	248	78			254	15
21CL054-B	35.94177	-81.61153	405	S	Ztfg	85	66			91	14
21CL013-A	35.8882	-81.71146	324	S	Ztfg/Ohg	57	74			232	8
21CL007	35.86946	-81.66283	411	S	Ztfs	45	42			72	14
21CL040	35.88007	-81.62282	340	S	Ztfs	55	49			71	12
21Cl209	35.88208	-81.62395	385	S	Ztfs	53	19			38	11
21CL030	35.88218	-81.61885	345	S	Ztfs	120	27			213	6
21CL041	35.88507	-81.61713	362	S	Ztfs	40	30			225	12
21Cl108	35.88561	-81.70129	329	S	Ztfs	24	51			32	4
21CL011	35.88644	-81.69257	355	S	Ztfs	50	47				
21CL042	35.88691	-81.61732	340	S	Ztfs	40	38				
21CL043	35.88923	-81.62219	332	S	Ztfs	23	48				
21Cl207	35.89944	-81.65333		S	Ztfs	48	72				

Station #	Latitude	Longitude	Elevation (m)	Location	Rock Unit	Foliation	Cleavage		Lination		
				w/Regard to BFZ (N/S/A)		Attitude Strike (RHR)	Attitude Dip	Strike (RHR)	Dip	Attitude Trend	Attitude Plunge
21Cl196	35.89991	-81.67947	407 S		Ztfs	82				84	12
21Cl199	35.90132	-81.68291	370 S		Ztfs	78				162	32
21Cl200	35.90137	-81.68295	363 S		Ztfs	72					
21Cl224	35.9024	-81.64197	S		Ztfs	39		40	57		
21Cl223	35.90242	-81.64216	S		Ztfs	37		225	78		
21Cl143	35.90979	-81.69497	383 S		Ztfs	144		318	9		
21Cl229	35.90998	-81.65732	S		Ztfs	38		64	54		
21Cl227	35.91007	-81.65617	S		Ztfs	65		66	64	86	8
21Cl228	35.9102	-81.65621	S		Ztfs	68		45	46	207	12
21Cl236	35.91038	-81.66467	S		Ztfs	67		50	72		
21Cl225	35.91062	-81.65412	S		Ztfs	206					
21Cl234	35.91093	-81.66255	S		Ztfs	54		42	73		
21Cl233	35.9112	-81.66124	S		Ztfs	29		33	74		
21Cl138	35.91505	-81.68491	376 S		Ztfs	56				59	42
21CL027	35.94196	-81.64249	371 S		Ztfs	35					
21CL028-A	35.94225	-81.64201	398 S		Ztfs	3		40			
21CL028-B	35.94225	-81.64201	398 S		Ztfs	87		67			
21Cl089	35.97281	-81.63345	369 N		Ztfs	42		34			
21Cl162	35.88509	-81.70087	342 S		Ztfu	70		57		243	27

Station #	Latitude	Longitude	Elevation (m)	Location w/Regard to BFZ (N/S/A)	Rock Unit	Fold Attitude Trend	Fold Attitude Plunge	Joints Strike	Joints Dip	Slickensides Trend	Slickensides Plunge	Fault Plane Strike	Fault Plane Dip
21CI212	35.99141	-81.67985	395	N	Contact - Pew/Pebr								
21CI091	35.96797	-81.63176	361	N	Contact - Zabg, Granitoid								
21CI171-A	35.92472	-81.69306		N	Contact - Zabg/Pew								
21CI171-B	35.92472	-81.69306		N	Contact - Zabg/Pew								
21CI170-A	35.92667	-81.68894	411	N	Contact - Zabg/Pew					151	59		
21CI170-B	35.92667	-81.68894	411	N	Contact - Zabg/Pew								
21CI117	35.89711	-81.73591	410	A	Contact - Zabs/Zabg								
21CI189	35.90328	-81.71886	364	A	Contact - Zabs/Zabg								
21CI231	35.91116	-81.65793		S	Contact - Ztfs/Ztfg								
21CI232	35.91142	-81.65986		S	Contact - Ztfs/Ztfg			138	73				
21CI157	35.94203	-81.73254	639	N	Fault zone - Pegf/Pegvm			333, 237	75, 56				

APPENDIX D. Major and Trace Element Geochemistry

Sample	Latitude (DD)	Longitude (DD)	Elevation (m)	Rock Unit	SiO₂ (Wt. %)	Al₂O₃ (Wt. %)	Fe₂O₃ (Wt. %)	CaO (Wt. %)	MgO (Wt. %)	Na₂O (Wt. %)	K₂O (Wt. %)	Cr₂O₃ (Wt. %)	TiO₂ (Wt. %)	MnO (Wt. %)	P₂O₅ (Wt. %)	SrO (Wt. %)	BaO (Wt. %)	LOI (Wt. %)	Total (%)
21CL032A	35.93194	-81.68741	342	pCw	61.10	17.00	6.00	4.30	2.43	3.77	2.96	0.01	0.81	0.10	0.24	0.08	0.04	1.47	100.31
21CL035B	35.98816	-81.67699	375	pCw	79.20	9.66	1.84	0.81	0.12	2.57	4.36	<0.002	0.11	0.01	0.02	<0.01	0.02	0.71	99.43
21CL061	35.97906	-81.68405	361	pCw	58.70	14.15	9.80	4.35	1.11	3.30	3.55	<0.002	1.32	0.13	0.52	0.04	0.11	1.21	98.29
21CL059	35.94979	-81.70374	343	PCbr	62.60	14.45	5.43	2.80	1.10	3.42	4.38	0.00	0.94	0.08	0.29	0.06	0.22	1.23	97.00
21CL073B	35.95422	-81.70736	374	PCbr	66.00	13.75	5.64	2.60	0.99	3.55	3.72	0.00	0.91	0.07	0.30	0.04	0.18	1.23	98.98
21CL005B	35.89840	-81.74629	358	pCbm	77.00	12.10	1.48	0.23	0.04	3.97	4.16	0.00	0.05	0.01	0.01	<0.01	0.01	0.70	99.76
21CL019A	35.92498	-81.73338	334	pCbm	75.20	12.05	2.10	0.56	0.19	3.61	5.03	0.00	0.12	0.02	0.01	<0.01	0.01	0.50	99.40
21CL033A	35.93770	-81.69280	326	pCgf	70.00	13.90	5.40	1.25	0.41	3.57	5.10	<0.002	0.52	0.07	0.14	0.01	0.13	1.46	101.96
21CL020	35.94176	-81.74648	439	pCgf	64.80	13.15	6.81	2.73	0.44	4.36	3.88	<0.002	0.68	0.12	0.23	0.02	0.10	1.64	98.96
21CL097	35.94919	-81.75643	435	pCgf	72.90	12.45	3.17	1.04	0.13	3.10	5.48	<0.002	0.28	0.04	0.04	0.01	0.06	1.03	99.73
21CL098	35.94593	-81.75323	431	pCgf	72.10	12.20	2.56	0.13	0.14	3.11	5.06	<0.002	0.17	0.01	0.01	<0.01	0.05	0.69	96.23
21CL032B	35.93194	-81.68741	342	Zabg	66.70	15.05	4.05	2.78	1.26	3.53	3.46	0.00	0.56	0.07	0.16	0.06	0.09	1.64	99.41
21CL036	35.89407	-81.74229	383	Zabg	64.10	14.15	6.57	2.67	1.81	2.37	2.86	0.01	1.02	0.10	0.19	0.04	0.09	2.26	98.24
21CL103	35.92233	-81.68080	391	Zabs	54.00	22.40	10.00	0.36	2.06	1.06	4.11	0.01	1.06	0.13	0.11	0.02	0.10	4.38	99.80
21CL048	35.90112	-81.63956	253	Ztfg	67.40	12.65	4.31	1.08	2.13	2.24	5.15	0.01	1.25	0.08	0.20	0.02	0.14	1.38	98.04
21CL107A	35.88402	-81.70370	340	Ztfg	60.40	14.65	6.69	5.05	3.15	2.72	2.03	0.01	1.56	0.08	0.51	0.12	0.08	1.81	98.86
21CL010	35.88602	-81.69222	351	Ztfg	63.30	14.80	8.01	3.50	2.87	3.08	2.52	0.02	1.44	0.11	0.22	0.04	0.06	1.72	101.69
21CL008B	35.88568	-81.69028	394	Ztfg	71.60	15.60	2.34	2.32	0.68	3.87	2.23	0.00	0.26	0.04	0.15	0.06	0.08	1.36	100.59
21CL104	35.95545	-81.62041	403	Ztfa	49.50	15.25	10.05	11.60	8.35	1.96	0.51	0.01	0.72	0.17	0.06	0.02	0.01	1.26	99.47
21CL13B	35.88820	-81.71146	324	Ztfa	54.90	16.50	7.95	6.27	3.70	3.82	2.26	0.01	1.42	0.11	0.47	0.07	0.06	1.55	99.09
21CL13A	35.88820	-81.71146	324	Ztfg	71.60	14.30	2.78	2.04	0.71	4.31	3.03	<0.002	0.35	0.04	0.09	0.06	0.10	0.77	100.18
21CL042	35.88691	-81.61732	340	Ztf	65.00	16.55	6.64	0.07	1.36	0.26	4.89	0.01	0.88	0.09	0.06	<0.01	0.11	3.90	99.82
21CL009	35.88565	-81.69040	420	Ohg	63.00	16.35	5.53	2.63	1.18	3.22	3.42	0.00	0.88	0.07	0.36	0.03	0.12	2.01	98.80
21CL100	35.87609	-81.73794	318	Ohg	69.60	14.20	3.08	1.65	0.68	2.40	3.67	<0.002	0.47	0.04	0.11	0.02	0.07	2.24	98.23
21CL052	35.92106	-81.64809	383	Ohg	75.00	12.05	4.03	1.05	0.57	2.69	1.79	0.01	0.66	0.03	0.01	0.03	0.06	1.76	99.74
21CL021	35.91219	-81.69080	333	Pzb	72.40	14.60	1.34	0.21	0.24	4.43	3.81	<0.002	0.13	0.01	0.04	0.03	0.07	1.38	98.69
21CL039	35.91224	-81.69071	328	Pzb	71.80	15.30	1.40	0.15	0.34	4.18	3.75	<0.002	0.20	0.02	0.04	0.02	0.09	1.59	98.88
21CL070	35.89076	-81.73803	339	Pzb	71.50	15.50	0.93	0.93	0.12	4.49	4.83	0.00	0.12	0.01	0.06	0.09	0.06	1.02	99.66
21CL047	35.89808	-81.63954	367	Aplite	71.80	15.60	1.04	3.11	0.18	5.17	0.34	0.00	0.06	0.01	0.02	0.04	0.02	1.05	98.44
21CL029	35.92357	-81.66458	341	Pegmatite	73.40	15.60	1.12	1.12	0.16	3.88	4.05	<0.002	0.10	0.01	0.07	0.06	0.18	0.96	100.71

Sample	Latitude (DD)	Longitude (DD)	Elevation (m)	Rock Unit	Ba (ppm)	Ce (ppm)	Cr (ppm)	Cs (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Ga (ppm)	Gd (ppm)	Hf (ppm)	Ho (ppm)	La (ppm)	Lu (ppm)	Nb (ppm)	Nd (ppm)	Pr (ppm)
21CL032A	35.93194	-81.68741	342	pCw	787.00	72.00	32.00	1.10	3.33	2.12	1.06	18.80	4.53	5.17	0.63	39.80	0.30	8.76	31.00	8.35
21CL035B	35.98816	-81.67699	375	pCw	170.50	168.50	8.00	0.28	34.90	16.85	1.45	21.40	38.80	9.78	6.77	138.50	1.38	61.00	159.50	36.40
21CL061	35.97906	-81.68405	361	pCw	1080.00	207.00	6.00	0.65	13.60	7.09	3.44	24.70	17.55	12.85	2.53	102.50	0.78	37.60	106.50	27.50
21CL059	35.94979	-81.70374	343	PCbr	2020.00	243.00	12.00	0.87	9.82	5.27	3.51	22.40	12.75	17.30	1.73	129.50	0.69	16.85	110.00	30.00
21CL073B	35.95422	-81.70736	374	PCbr	1735.00	229.00	16.00	0.81	12.45	6.54	3.40	24.00	14.85	17.65	2.19	116.50	0.69	21.60	114.50	28.90
21CL005B	35.89840	-81.74629	358	pCbm	50.00	132.50	16.00	0.31	12.40	9.47	0.03	51.80	5.61	28.20	2.66	59.20	1.52	138.00	27.30	9.61
21CL019A	35.92498	-81.73338	334	pCbm	59.50	193.00	20.00	0.72	25.50	15.75	0.59	38.20	21.20	14.05	5.15	99.70	1.91	91.10	88.80	24.80
21CL033A	35.93770	-81.69280	326	pCgf	1220.00	250.00	7.00	0.80	16.75	8.70	3.06	31.10	18.45	21.10	3.01	130.50	1.08	49.10	122.50	32.50
21CL020	35.94176	-81.74648	439	pCgf	931.00	246.00	10.00	1.75	15.50	8.09	2.97	27.70	18.70	19.00	3.14	110.50	1.05	48.70	123.00	30.50
21CL097	35.94919	-81.75643	435	pCgf	493.00	245.00	13.00	0.82	20.10	11.05	1.42	32.00	20.80	14.15	4.18	112.00	1.39	62.30	114.00	29.60
21CL098	35.94593	-81.75323	431	pCgf	406.00	220.00	7.00	1.02	19.60	10.35	1.36	30.00	19.95	13.65	3.91	113.50	1.12	56.80	112.00	29.00
21CL032B	35.93194	-81.68741	342	Zabg	378.00	80.90	39.00	3.62	4.03	2.24	1.64	20.40	5.33	5.98	0.80	41.20	0.35	12.75	41.40	10.05
21CL036	35.89407	-81.74229	383	Zabg	831.00	73.60	64.00	1.98	5.12	3.08	1.42	18.50	5.54	6.02	1.09	31.90	0.41	16.45	31.80	8.35
21CL103	35.92233	-81.68080	391	Zabs	891.00	102.50	99.00	3.75	12.20	4.52	3.32	30.40	15.45	7.06	1.98	90.40	0.60	24.00	87.30	22.90
21CL048	35.90112	-81.63956	253	Ztfg	1275.00	93.80	41.00	0.68	5.09	2.38	1.40	18.60	6.78	12.05	0.91	48.40	0.30	23.30	45.80	11.90
21CL107A	35.88402	-81.70370	340	Ztfg	709.00	118.00	97.00	2.00	4.95	2.81	2.74	20.90	7.76	6.79	0.87	59.60	0.31	47.10	58.40	15.10
21CL010	35.88602	-81.69222	351	Ztfg	537.00	77.90	117.00	1.80	6.57	3.55	1.63	19.20	6.41	7.63	1.17	34.00	0.46	21.50	36.40	8.71
21CL008B	35.88568	-81.69028	394	Ztfg	682.00	25.30	11.00	0.46	2.17	1.35	0.75	17.90	1.97	3.86	0.51	11.00	0.16	10.30	11.20	2.90
21CL104	35.95545	-81.62041	403	Ztfa	76.80	17.50	59.00	0.15	2.93	1.74	0.78	15.20	2.87	1.73	0.61	8.10	0.26	4.21	10.70	2.56
21CL13B	35.88820	-81.71146	324	Ztfa	500.00	119.00	34.00	0.83	5.03	2.69	2.01	19.90	6.66	7.16	0.99	58.60	0.34	27.70	55.90	14.15
21CL13A	35.88820	-81.71146	324	Ztfg	897.00	45.80	11.00	0.32	1.62	0.80	0.77	19.00	2.02	5.28	0.30	23.90	0.12	12.10	17.00	4.83
21CL042	35.88691	-81.61732	340	Ztf	1015.00	77.40	86.00	3.17	5.20	3.67	1.14	29.80	5.95	6.72	1.06	38.20	0.58	22.00	36.50	9.55
21CL009	35.88565	-81.69040	420	Ohg	1085.00	62.90	17.00	1.58	6.41	3.37	1.85	22.00	5.65	15.95	1.08	34.10	0.38	14.30	32.60	8.48
21CL100	35.87609	-81.73794	318	Ohg	673.00	93.20	9.00	0.78	5.25	2.54	1.65	18.00	7.14	10.65	0.88	79.80	0.28	14.20	59.60	17.00
21CL052	35.92106	-81.64809	383	Ohg	542.00	20.60	27.00	0.40	0.95	0.54	0.77	13.40	0.96	8.86	0.20	9.50	0.08	18.15	7.40	2.02
21CL021	35.91219	-81.69080	333	Pzb	683.00	24.10	6.00	1.63	1.25	0.69	0.43	25.50	1.91	2.71	0.20	15.80	0.06	5.54	11.80	3.20
21CL039	35.91224	-81.69071	328	Pzb	832.00	30.20	7.00	1.63	1.70	1.05	0.50	26.60	1.88	3.36	0.27	19.00	0.11	6.18	14.10	3.48
21CL070	35.89076	-81.73803	339	Pzb	536.00	23.50	15.00	1.02	1.49	0.69	0.61	19.90	1.63	3.67	0.15	15.60	0.04	6.53	12.10	3.66
21CL047	35.89808	-81.63954	367	Aplite	197.00	56.10	16.00	0.61	2.61	1.28	0.44	20.50	2.05	3.10	0.40	13.20	0.12	3.62	12.30	3.49
21CL029	35.92357	-81.66458	341	Pegmatite	1620.00	64.10	8.00	0.54	0.91	0.34	0.58	17.40	2.11	1.05	0.17	17.40	0.06	2.90	19.50	5.10

Sample	Latitude (DD)	Longitude (DD)	Elevation (m)	Rock Unit	Rb (ppm)	Sm (ppm)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Tb (ppm)	Th (ppm)	Tm (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Yb (ppm)	Zr (ppm)
21CL032A	35.93194	-81.68741	342	pCw	93.60	5.66	1.70	548.00	0.90	0.57	9.26	0.30	1.55	58.00	0.60	18.90	2.28	179.00
21CL035B	35.98816	-81.67699	375	pCw	112.50	36.90	3.00	35.20	3.10	6.32	12.95	2.16	2.06	64.00	1.20	167.00	11.60	274.00
21CL061	35.97906	-81.68405	361	pCw	89.70	20.10	3.00	395.00	2.10	2.35	9.80	0.92	1.50	50.00	1.90	64.10	6.22	501.00
21CL059	35.94979	-81.70374	343	PCbr	118.00	17.85	2.30	544.00	0.90	1.77	12.35	0.69	1.89	69.00	1.00	48.50	4.20	731.00
21CL073B	35.95422	-81.70736	374	PCbr	117.00	20.90	1.90	431.00	1.20	2.07	9.65	0.85	2.20	66.00	0.60	61.40	5.35	779.00
21CL005B	35.89840	-81.74629	358	pCbm	382.00	7.26	35.40	10.80	11.60	1.52	32.70	1.55	7.94	<5	2.40	104.00	12.40	394.00
21CL019A	35.92498	-81.73338	334	pCbm	212.00	21.00	6.20	18.80	4.40	3.81	22.20	2.17	7.20	7.00	0.90	161.00	14.00	352.00
21CL033A	35.93770	-81.69280	326	pCgf	135.00	23.00	3.30	148.50	2.70	2.55	16.45	1.26	2.37	14.00	1.20	79.80	7.86	829.00
21CL020	35.94176	-81.74648	439	pCgf	97.20	23.10	3.80	171.00	2.50	2.78	14.05	1.17	2.01	12.00	1.10	82.50	7.07	824.00
21CL097	35.94919	-81.75643	435	pCgf	167.50	23.40	5.70	78.40	3.20	3.45	20.60	1.61	3.42	7.00	1.50	116.00	10.05	447.00
21CL098	35.94593	-81.75323	431	pCgf	168.00	22.30	5.60	36.20	3.00	3.45	19.45	1.44	2.82	111.00	1.70	99.20	8.71	425.00
21CL032B	35.93194	-81.68741	342	Zabg	134.00	7.08	2.00	675.00	0.60	0.77	7.54	0.33	3.52	143.00	1.10	24.00	2.10	212.00
21CL036	35.89407	-81.74229	383	Zabg	102.00	6.68	3.60	315.00	1.00	0.86	8.85	0.45	1.82	157.00	1.30	29.30	2.63	244.00
21CL103	35.92233	-81.68080	391	Zabs	193.00	16.40	4.40	183.50	1.60	2.21	16.35	0.68	2.77	132.00	2.80	38.20	4.55	266.00
21CL048	35.90112	-81.63956	253	Ztfg	125.50	8.69	1.00	174.00	1.40	0.87	12.95	0.37	1.59	69.00	0.90	21.80	2.50	474.00
21CL107A	35.88402	-81.70370	340	Ztfg	70.80	10.20	2.20	1125.00	3.10	0.94	8.52	0.31	1.88	146.00	1.80	24.20	2.02	276.00
21CL010	35.88602	-81.69222	351	Ztfg	95.70	8.34	2.80	320.00	1.40	0.91	9.42	0.51	2.10	152.00	0.80	32.40	2.89	296.00
21CL008B	35.88568	-81.69028	394	Ztfg	51.90	2.09	0.80	488.00	0.70	0.33	6.52	0.21	1.12	23.00	0.50	13.60	1.47	149.00
21CL104	35.95545	-81.62041	403	Ztfa	10.20	2.29	0.50	168.50	0.20	0.53	0.67	0.25	0.16	232.00	0.50	16.60	1.73	65.00
21CL13B	35.88820	-81.71146	324	Ztfa	67.40	9.19	1.90	626.00	1.80	0.98	6.64	0.38	2.07	204.00	0.90	27.60	2.37	300.00
21CL13A	35.88820	-81.71146	324	Ztfg	57.40	2.60	0.60	474.00	0.60	0.25	10.45	0.10	1.22	72.00	1.20	7.90	0.64	179.00
21CL042	35.88691	-81.61732	340	Ztf	215.00	7.86	1.30	26.30	1.20	0.89	14.55	0.44	3.73	164.00	2.60	27.40	3.58	251.00
21CL009	35.88565	-81.69040	420	Ohg	114.00	6.75	2.10	298.00	0.70	0.98	5.52	0.44	2.08	73.00	0.60	28.30	3.04	666.00
21CL100	35.87609	-81.73794	318	Ohg	107.00	9.33	2.50	191.00	0.70	0.89	15.10	0.29	1.60	40.00	0.50	24.20	2.00	396.00
21CL052	35.92106	-81.64809	383	Ohg	43.00	1.06	2.40	188.50	0.80	0.16	2.59	0.07	0.48	59.00	<0.5	5.00	0.58	313.00
21CL021	35.91219	-81.69080	333	Pzb	114.00	2.55	1.40	250.00	0.90	0.20	8.30	0.10	2.04	13.00	3.00	6.20	0.63	76.00
21CL039	35.91224	-81.69071	328	Pzb	144.50	2.68	2.30	230.00	0.70	0.28	7.16	0.12	2.30	20.00	8.40	9.20	0.88	103.00
21CL070	35.89076	-81.73803	339	Pzb	150.50	2.45	<0.5	825.00	0.70	0.26	5.11	0.07	5.21	12.00	0.50	5.10	0.57	113.00
21CL047	35.89808	-81.63954	367	Aplite	13.00	2.35	<0.5	387.00	1.90	0.36	9.82	0.16	3.40	16.00	1.00	8.50	1.09	56.00
21CL029	35.92357	-81.66458	341	Pegmatite	78.20	3.62	2.30	534.00	<0.1	0.22	10.65	0.05	0.74	<5	0.90	3.70	0.30	38.00

Sample	Latitude (DD)	Longitude (DD)	Elevation (m)	Rock Unit	Ag (ppm)	As (ppm)	Cd (ppm)	Co (ppm)	Cu (ppm)	Li (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sc (ppm)	Tl (ppm)	Zn (ppm)
21CL032A	35.93194	-81.68741		342 pCw	<0.5	<5	<0.5	13.00	7.00	20.00	<1	11.00	183.00	12.00	<10	117.00
21CL035B	35.98816	-81.67699		375 pCw	<0.5	<5	<0.5	<1	27.00	<10	3.00	1.00	76.00	<1	<10	63.00
21CL061	35.97906	-81.68405		361 pCw	<0.5	<5	0.50	12.00	6.00	20.00	4.00	2.00	49.00	13.00	<10	196.00
21CL059	35.94979	-81.70374		343 PCbr	<0.5	<5	<0.5	6.00	5.00	20.00	2.00	5.00	25.00	9.00	<10	127.00
21CL073B	35.95422	-81.70736		374 PCbr	<0.5	<5	<0.5	6.00	4.00	20.00	2.00	3.00	20.00	11.00	<10	129.00
21CL005B	35.89840	-81.74629		358 pCbm	<0.5	<5	<0.5	<1	1.00	10.00	<1	<1	37.00	<1	<10	66.00
21CL019A	35.92498	-81.73338		334 pCbm	<0.5	<5	<0.5	<1	<1	10.00	3.00	<1	41.00	<1	<10	185.00
21CL033A	35.93770	-81.69280		326 pCgf	<0.5	<5	<0.5	2.00	5.00	10.00	<1	3.00	23.00	5.00	<10	171.00
21CL020	35.94176	-81.74648		439 pCgf	<0.5	<5	1.20	3.00	13.00	10.00	3.00	3.00	20.00	8.00	<10	288.00
21CL097	35.94919	-81.75643		435 pCgf	<0.5	<5	<0.5	1.00	2.00	10.00	4.00	1.00	27.00	1.00	<10	245.00
21CL098	35.94593	-81.75323		431 pCgf	<0.5	<5	<0.5	<1	<1	10.00	1.00	1.00	12.00	1.00	<10	110.00
21CL032B	35.93194	-81.68741		342 Zabg	<0.5	<5	<0.5	6.00	4.00	20.00	<1	9.00	12.00	5.00	<10	67.00
21CL036	35.89407	-81.74229		383 Zabg	<0.5	<5	<0.5	16.00	101.00	20.00	1.00	31.00	18.00	15.00	<10	102.00
21CL103	35.92233	-81.68080		391 Zabs	<0.5	<5	<0.5	25.00	28.00	90.00	<1	58.00	22.00	19.00	<10	183.00
21CL048	35.90112	-81.63956		253 Ztfg	<0.5	<5	<0.5	6.00	8.00	30.00	1.00	7.00	32.00	10.00	<10	93.00
21CL107A	35.88402	-81.70370		340 Ztfg	<0.5	<5	<0.5	19.00	17.00	30.00	<1	35.00	10.00	10.00	<10	76.00
21CL010	35.88602	-81.69222		351 Ztfg	<0.5	<5	<0.5	21.00	31.00	30.00	<1	54.00	13.00	17.00	<10	97.00
21CL008B	35.88568	-81.69028		394 Ztfg	<0.5	<5	<0.5	3.00	3.00	10.00	<1	5.00	14.00	4.00	<10	30.00
21CL104	35.95545	-81.62041		403 Ztfa	<0.5	<5	<0.5	39.00	52.00	10.00	<1	74.00	<2	40.00	<10	71.00
21CL13B	35.88820	-81.71146		324 Ztfa	<0.5	<5	<0.5	20.00	31.00	30.00	1.00	41.00	9.00	14.00	<10	88.00
21CL13A	35.88820	-81.71146		324 Ztfg	<0.5	<5	<0.5	4.00	13.00	10.00	1.00	3.00	12.00	4.00	<10	38.00
21CL042	35.88691	-81.61732		340 Ztf	<0.5	<5	<0.5	15.00	31.00	30.00	4.00	22.00	16.00	21.00	<10	102.00
21CL009	35.88565	-81.69040		420 Ohg	<0.5	<5	<0.5	8.00	17.00	20.00	<1	8.00	14.00	9.00	<10	72.00
21CL100	35.87609	-81.73794		318 Ohg	<0.5	<5	<0.5	3.00	4.00	10.00	<1	5.00	12.00	5.00	<10	42.00
21CL052	35.92106	-81.64809		383 Ohg	<0.5	<5	<0.5	5.00	3.00	10.00	<1	10.00	11.00	6.00	<10	38.00
21CL021	35.91219	-81.69080		333 Pzb	<0.5	40.00	<0.5	<1	2.00	10.00	<1	<1	34.00	2.00	<10	34.00
21CL039	35.91224	-81.69071		328 Pzb	<0.5	30.00	<0.5	<1	<1	10.00	<1	1.00	6.00	2.00	<10	15.00
21CL070	35.89076	-81.73803		339 Pzb	<0.5	<5	<0.5	1.00	1.00	10.00	<1	2.00	22.00	2.00	<10	7.00
21CL047	35.89808	-81.63954		367 Aplite	<0.5	<5	<0.5	1.00	12.00	10.00	<1	3.00	24.00	2.00	<10	5.00
21CL029	35.92357	-81.66458		341 Pegmatite	<0.5	<5	<0.5	<1	1.00	10.00	<1	<1	28.00	4.00	<10	12.00