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# PROJECT REPORT

# FOR

# U.S. Geological Survey

# Texas Counties Lidar ARRA, Willacy Co.

**September 13, 2011**

**AEROMETRIC PROJECT NO. 1-101205**

# Airborne GPS Survey Report

**For**

**U.S. Geological Survey (Willacy County, TX – LiDAR)**

**NGTOC III**

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**AEROMETRIC Project No. 1101205**

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**USGS**

**Texas Counties Lidar ARRA, Willacy Co.**

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# 1 INTRODUCTION

This report contains a summary of the LiDAR data acquisition and processing for the **USGS – FOUR COUNTIES TEXAS LiDAR TASK ORDER, WILLACY COUNTY**.

## 1.1 Contact Info

Questions regarding the technical aspects of this report should be addressed to:

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## 1.2 Purpose

AeroMetric, Inc. acquired highly accurate Light Detection and Ranging (LiDAR) data for Willacy County, Texas for the United State Geological Survey. Using AeroMetric's Optech 3100 AE LiDAR system, data was collected at 2500 meters to support the project area requirements.

## 1.3 Project Locations

This phase of the project covers Willacy County, Texas as designed and supplied by USGS under Task Order No. G10PD02746, Contract No. G10PC00025 entered into on September 17, 2010 between the US Geological Survey – NGTOC III and AeroMetric, Inc.

## 1.4 Time Period

LiDAR data acquisition was completed between February 1st, 2011 and March 2nd, 2011. A total of 10 flight missions were required to cover Hidalgo and Willacy Counties. See Item 3.4 for a sketch of the acquisition missions and Section 7 of the report for each flight log. QC surveys were completed between January 25th and May 28th, 2011.

## 1.5 Project Scope

AeroMetric, Inc. acquired highly accurate Light Detection and Ranging (LiDAR) data for a portion of Willacy County which encompass approximately 501 square miles in southern Texas. Using AeroMetric's Optech 3100 AE LiDAR system, data was collected at 2500 meters to support this phase of the project area's requirements.

As documented in our proposal dated September 9, 2010 we were to achieve a TIN accuracy of 24.5 cm for all areas. The accuracy as tested and published in this report in Section 8 has easily met the vertical accuracy requirements.

## 1.6 Conditions Affecting Progress

- None.

# 2 GEODETIC CONTROL

## 2.1 Network Scope

The check point survey and adjustment combined Hidalgo and Willacy counties.

Base horizontal control for the check point surveys consisted of one NGS First Order station: **25R B**; and three NGS CORS stations: **KVTX**, **TXLR**, and **TXPR**.

Horizontal control is referenced to the Universal Transverse Mercator (UTM) Coordinate System – Zone 14, based on the North American Datum of 1983/2007 (NAD83/07). Final coordinates are published in meters.

Base vertical control for the check point surveys consisted of two NGS First Order, Class 1 stations: **B 1408** and **N 1408**; one NGS Fifth Order station: **25R B**, and three NGS CORS stations: **KVTX**, **TXLR**, and **TXPR**. Three NGS Third Order stations (E 630 RESET, R 630 RESET, and U 630 RESET) were also observed, but not constrained in the final adjustment as their published elevations did not agree with the higher order stations. The NGS Geoid Model GEOID09 was applied to the derived ellipsoid heights that approximate the North American Vertical Datum of 1988.

Vertical control is based on the North American Vertical Datum of 1988 (NAVD88).

Base horizontal and vertical control for the Airborne GPS surveys consisted of two set base stations: **Harlingen** and **TXPR**.

NGS recovery sheets are located in Section 2 of the Control Survey Report.

## 2.2 Network Computations

GPS measurements were done in two stages. Initial computations were done with LEICA Geo Office (LGO), version 4.0. LGO permits the conversion of raw satellite data collected by the receivers to a meaningful coordinate difference between points (baseline solutions). Once the baseline solutions were determined, they were input into the GeoSurv-GeoLab2 series of programs (Geolab version 2.4d). Adjustments were performed for analysis and quality closure holding the position and elevation of **TXPR** fixed, as shown below.

**HORIZONTAL CLOSURES (in meters)**

| STATION | NORTHING | EASTING | LINEAR | DISTANCE | PROPORTION |
|---|---|---|---|---|---|
| 25R B | 0.021 | 0.020 | 0.029 | 26743.0 | 1: 922000 |
| KVTX | 0.022 | 0.006 | 0.023 | 151047.4 | 1:6623000 |
| TXLR | 0.015 | 0.004 | 0.016 | 191145.9 | 1:12312000 |

**VERTICAL CLOSURES (in meters)**

| STATION | ADJUSTED ELEVATION | PUBLISHED ELEVATION | DIFFERENCE | DISTANCE | ALLOWABLE 3rd ORDER CLOSURE |
|---|---|---|---|---|---|
| 25R B | -3.276* | -3.277* | 0.001 | 26743.0 | 0.062 |
| B 1408 | 10.496 | 10.468 | 0.028 | 54043.4 | 0.088 |
| E 630 RESET | 67.617 | 67.770 | 0.153+ | 51736.3 | 0.086 |
| KVTX | -1.316* | -1.293* | 0.023 | 151047.4 | 0.147 |
| N 1408 | 13.718 | 13.726 | 0.008 | 43013.6 | 0.079 |
| R 630 RESET | 31.498 | 31.100 | 0.602+ | 42813.1 | 0.079 |
| TXLR | 114.883* | 114.910* | 0.027 | 191145.9 | 0.166 |
| U 630 RESET | 27.032 | 27.170 | 0.138+ | 40864.8 | 0.077 |

* Ellipsoid elevation
+ Not constrained in final adjustment

All the published control values were held in the fully constrained scaled least squares base network adjustment that was used to derive the Ground Control Checkpoints unless marked otherwise above.

# 3 LiDAR ACQUISITION & PROCEDURES

## 3.1 Acquisition Time Period

LiDAR data acquisition and Airborne GPS control surveys were completed between January 28th and March 2nd, 2011. A total of 10 flight missions were required to cover the area of Willacy and Hidalgo counties.

## 3.2 LiDAR Planning

The LiDAR data for this project was collected with AeroMetric's Optech 3100 AE Airborne LiDAR system (Serial Number 03SEN145). All flight planning and acquisition was completed using Optech's ALTM-Nav, version 2.1.25b (flight planning and LiDAR control software).

The following are the acquisition settings for Willacy County.

- Flying Height (Above Ground): 2500 meters
- Laser Pulse Rate: 50 kHz
- Mirror Scan Frequency: 24.5 Hz
- Scan Angle (+/-): 17°
- Side Lap: 30 %
- Ground Speed: 160 kts
- Nominal Point Spacing: 1.5 meters

### 3.3 LiDAR Acquisition

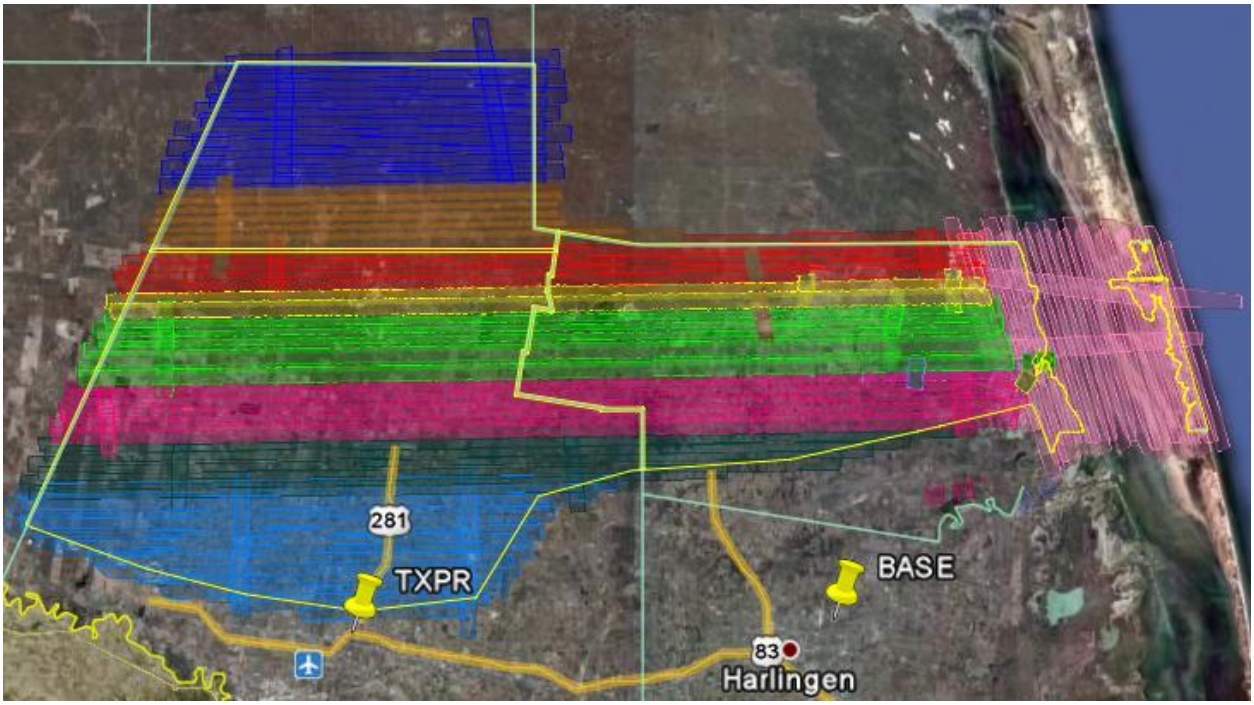
A total of 10 flight missions were required to cover the project area. The missions were flown using the above planned values. See section 3.4 for a sketch of the acquisition missions and Section 6 of the report for each flight log.

Airborne GPS and IMU trajectories for the LiDAR sensor were also acquired during the time of flight.

Each mission was typically about four hours long. Before take-off, the LiDAR system and the Airborne GPS and IMU systems were initiated for a period of five minutes and then again after landing for another five minutes. The missions acquired data according to the planned flight lines and included a minimum of one (usually two) cross flights. The cross flights were flown perpendicular to the planned flight lines and their data used in the in-situ calibration of the sensor.

### 3.4 LiDAR Trajectory Processing

The airborne positioning was based on the following control stations: TXPR and a Base station.



# 4 QC SURVEYS

The check point survey was performed between January 25th and May 28th, 2011 using Rapid Static GPS techniques. A total of 210 check points were surveyed across the Hidalgo and Willacy county project areas. Of these points, 82 were in Hidalgo County and 128 were in Willacy County. For each county, these points were collected in hard surface, short grass, and tall grass ground classification categories. Hard surface points were used to assess Fundamental Vertical Accuracy. For each county, twenty hard surface points were not used in the assessment and were delivered to the client along with the short grass and tall grass points.

Common control stations mentioned above to support the Airborne GPS acquisition were also used to complete the QC surveys.

See Section 5 of the control report for a complete listing.

# 5 FINAL LiDAR PROCESSING

## 5.1 ABGPS and IMU Processing

Airborne GPS

Applanix - POSGPS
Utilizing carrier phase ambiguity resolution on the fly (i.e., without initialization). The solution to sub-decimeter kinematic positioning without the operational constraint of static initialization as used in semi-kinematic or stop-and-go positioning was utilized for the airborne GPS post-processing.

The processing technique used by Applanix, Inc. for achieving the desired accuracy is Kinematic Ambiguity Resolution (KAR). KAR searches for ambiguities and uses a special method to evaluate the relative quality of each intersection (RMS). The quality indicator is used to evaluate the accuracy of the solution for each processing computation. In addition to the quality indicator, the software will compute separation plots between any two solutions, which will ultimately determine the acceptance of the airborne GPS post processing.

Inertial Data

The post-processing of inertial and aiding sensor data (i.e. airborne GPS post processed data) is to compute an optimally blended navigation solution. The Kalman filter-based aided inertial navigation algorithm generates an accurate (in the sense of least-square error) navigation solution that will retain the best characteristics of the processed input data. An example of inertial/GPS sensor blending is the following: inertial data is smooth in the short term. However, a free-inertial navigation solution has errors that grow without bound with time. A GPS navigation solution exhibits short-term noise but has errors that are bounded. This optimally blended navigation solution will retain the best features of both, i.e. the blended navigation solution has errors that are smooth and bounded.
The resultant processing generates the following data:

- Position: Latitude, Longitude, Altitude
- Velocity: North, East, and Down components
- 3-axis attitude: roll, pitch, true heading
- Acceleration: x, y, z components
- Angular rates: x, y, z components

The Applanix software, version 4.4 as well as MMS version 5.2 were used to determine both the ABGPS trajectory and the blending of inertial data.

The airborne GPS and blending of inertial and GPS post-processing were completed in multiple steps.

1. The collected data was transferred from the field data collectors to the main computer. Data was saved under the project number and separated between LiDAR mission dates. Inside each mission date, a sub-directory was created with the aircraft's tail number and an A or B suffix was attached for the time of day when the data was collected. Inside the tail number sub-directory, five sub-directories were also created EO, GPS, IMU, PROC, and RAW.

2. The aircraft raw data (IMU and GPS data combined) was run through a data extractor program. This separated the IMU and GPS data. In addition to the extracting of data, it provided the analyst the first statistics on the overall flight. The program was POSPac (POS post-processing PACkage).

3. Executing POSGPS program to derive accurate GPS positions for all flights:
   Applanix POSGPS
   The software utilized for the data collected was PosGPS, a kinematic on-the-fly (OTF) processing software package. Post processing of the data is computed from each base station (Note: only base stations within the flying area were used) in both a forward and backward direction. This provides the analyst the ability to Quality Check (QC) the post processing, since different ambiguities are determined from different base stations and also with the same data from different directions.

   The trajectory separation program is designed to display the time of week that the airborne or roving antenna traveled, and compute the differences found between processing runs. Processed data can be compared between a forward/reverse solution from one base station, a reverse solution from one base station and a forward solution from the second base station, etc. For the Applanix POSGPS processing, this is considered the final QC check for the given mission. If wrong ambiguities were found with one or both runs, the analyst would see disagreements from the trajectory plot, and re-processing would continue until an agreement was determined.

   Once the analyst accepts a forward and reverse processing solution, the trajectory plot is analyzed and the combined solution is stored in a file format acceptable for the IMU post processor.

   Please see Section 7 of the control report for the final accepted trajectory plots.

4. When the processed trajectory data is accepted after quality control analysis, the combined solution is stored in a file format acceptable for the IMU post processor (i.e. POSProc).

5. Execute POSProc.

   POSProc comprises a set of individual processing interface tools that execute and provide the following functions:

   This diagram shows the organization of these tools, and is a function of the

   POSProc processing components.

   - Integrated Inertial Navigation (*iin*) Module.

     The name *iin* is a contraction of Integrated Inertial Navigation. *iin* reads inertial data and aiding data from data files specified in a processing environment file and computes the aided inertial navigation solution. The inertial data comes from a strapdown IMU. *iin* outputs the navigation data between start and end times at a data rate as specified in the environment file. *iin* also outputs Kalman filter data for analysis of estimation error statistics and smoother data that the smoothing program *smth* uses to improve the navigation solution accuracy.

     *iin* implements a full strapdown inertial navigator that solves Newton's equation of motion on the earth using inertial data from a strapdown IMU. The inertial navigator implements coning and sculling compensation to handle potential problems caused by vibration of the IMU.

   - Smoother Module (*smth*).

     *smth* is a companion processing module to *iin*. *smth* is comprised of two individual functions that run in sequence. *smth* first runs the *smoother function* and then runs the *navigation correction function*.

     The *smth* smoother function performs backwards-in-time processing of the forwards-in-time blended navigation solution and Kalman filter data generated by *iin* to compute smoothed error estimates. *smth* implements a modified Bryson-Frazier smoothing algorithm specifically designed for use with the *iin* Kalman filter. The resulting smoothed strapdown navigator error estimates at a given time point are the optimal estimates based on all input data before and after the given time point. In this sense, *smth* makes use of all available information in the input data. *smth* writes the smoothed error estimates and their RMS estimation errors to output data files.

     The *smth* navigation correction function implements a feedforward error correction mechanism similar to that in the *iin* strapdown

navigation solution using the smoothed strapdown navigation errors. s*mth* reads in the smoothed error estimates and with these, corrects the strapdown navigation data. The resulting navigation solution is called a Best Estimate of Trajectory (BET), and is the best obtainable estimate of vehicle trajectory with the available inertial and aiding sensor data.

The above mentioned modules provide the analyst the following statistics to ensure that the most optimal solution was achieved: a log of the *iin* processing, the Kalman filter Measurement Residuals, Smoothed RMS Estimation Errors, and Smoothed Sensor Errors and RMS.

## 5.2 LiDAR "Point Cloud" Processing

The ABGPS/IMU post processed data along with the LiDAR raw measurements were processed using Optech Incorporated's ASDA software. This software was used to match the raw LiDAR measurements with the computed ABGPS/IMU positions and attitudes of the LiDAR sensor. The result was a "point cloud" of LiDAR measured points referenced to the ground control system.

## 5.3 LIDAR CALIBRATION

### Introduction

The purpose of the LiDAR system calibration is to refine the system parameters in order for the post-processing software to produce a “point cloud” that best fits the actual ground.

The following report outlines the calibration techniques employed for this project.

### Calibration Procedures

AeroMetric routinely performs two types of calibrations on its Optech 3100 LiDAR system. The first calibration, system calibration, is performed whenever the LiDAR system is installed in the aircraft. This calibration is performed to define the system parameters affected by the physical misalignment of the system versus aircraft. The second calibration, in-situ calibration, is performed for each mission using that mission’s data. This calibration is performed to refine the system parameters that are affected by the on-site conditions as needed.

### System Calibration and Correction Software

Optech developed proprietary calibration software in December of 2009 that performs the system calibration. The results from this new software achieved excellent results and an accuracy that meets the project requirements.

This new calibration tool incorporates Optech’s proprietary optical sensor models to compute laser point positions and provide laser point calibration improvements on a per flightline basis for the entire project area. It furthermore calculates planar surfaces at different angles from each flight line and then uses a robust least squares solution to compute the orientation parameters at the optical level instead of the traditional methods relating to the ground points. Determining and correcting at the optical level is critical when correcting the data especially when working in terrain and aggressive design parameters as found in this project. Each flight line was computed individually and output in LAS 1.2 format.

### In-situ Calibration

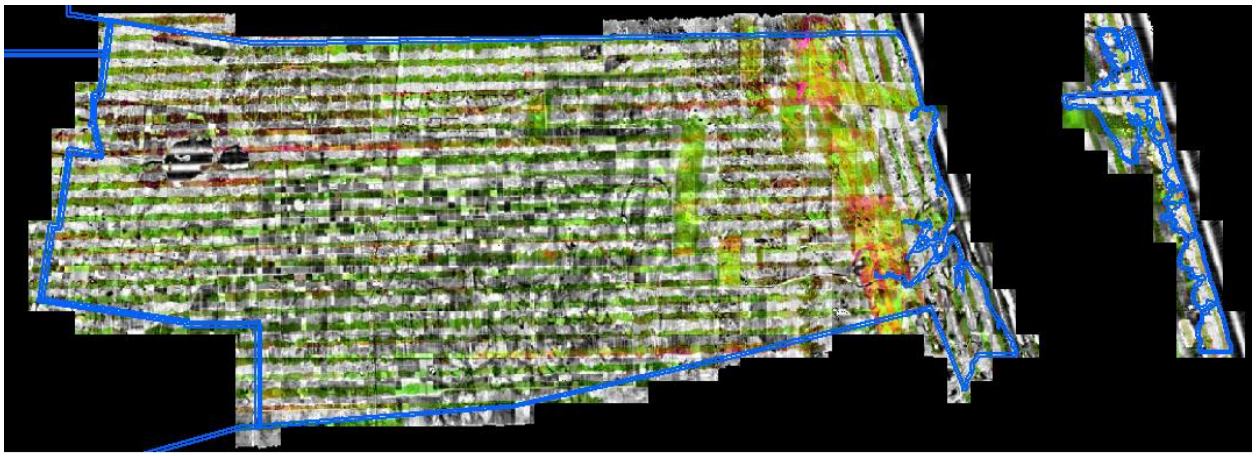
The in-situ calibration is performed as needed using the mission’s data. This calibration is performed to refine the system parameters that are affected by the on-site conditions.

For each mission, LiDAR data for at least one cross flight is acquired over the mission’s acquisition site. The processed data of the cross flight is compared to the perpendicular flight lines using either the Optech proprietary software or TerraSolid's TerraMatch software to determine if any systematic errors are present. In this calibration, the data of individual flight lines are compared against each other and their systematic errors are corrected in the final processed data.

## 5.4 LiDAR Processing

The LAS files were then imported, verified, and parsed into manageable, tiled grids using GeoCue version 7.0.34.5. GeoCue allows for ease of data management and process tracking.

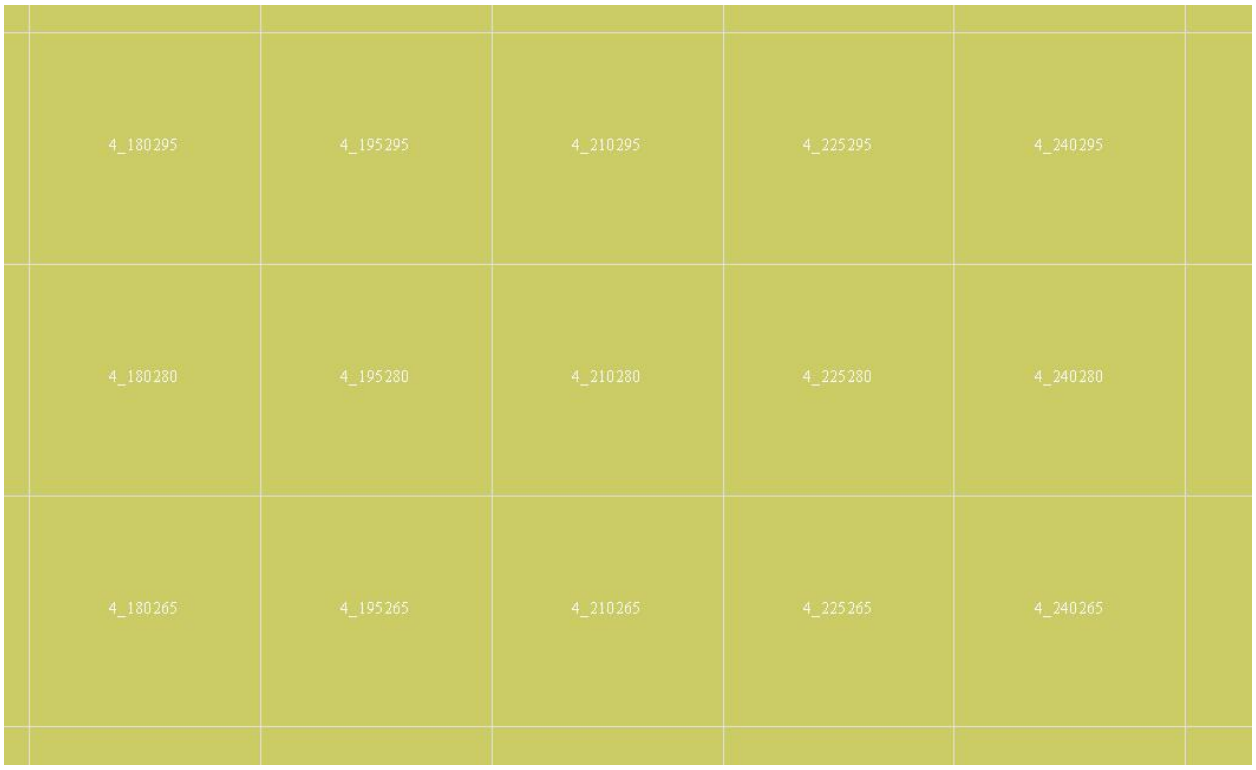
The first step after the data has been processed and calibrated is to perform a relative accuracy assessment on the flightline to flightline comparisons and also a data density test prior to any further processing. To determine a proper accuracy assessment between flightlines, AeroMetric uses GeoCue to create Orthos by elevation differences. The generated orthos have assigned elevation ranges that allow the technician to evaluate if the data passes the accuracy assessment and also determine if additional calibration efforts are needed based on the bias trends. Below is a screen capture of the elevation ortho where green indicates a flightline comparison of less than 0.05 meters; yellow is 0.050 – 0.100 meters; orange is 0.101 – 0.150 meters; red is 0.151 – 0.200 meters, and greater than 0.20 meters is magenta.



**Willacy County**

In addition to the relative accuracy assessment, AeroMetric also reviews some tiles to ensure that the required density has been met. AeroMetric utilizes an in-house proprietary software to complete this task. Initially a grid was placed according to the version 12 specification that is based on the nominal post spacing of 1.5 meters. The results indicated that the density of the sampled tiles achieved only 76% of the points meeting the specified data density criteria. However, using the latest USGS specification, version 13, which modifies the requirements to allow up to 2 times the nominal post spacing our data tests now

easily meets the desired density requirements. Below are the statistics from the results of the inspected tiles as shown in the next image.




Sampled tiles: Willacy County (4_180265, 4_180280, 4_180295, 4_195265, 4_195280, 4_195295, 4_210265, 4_210280, 4_210295, 4_225265, 4_225280, 4_225295, 4_240265, 4_240280, and 4_240295). These tiles were selected for having minimal surface water visible.

Run 1 (Version 12 – 1.5m)
Total number of cells: 15,030,015
Total number of cells with one point: 8,020,850
Total number of cells with one or more points: 11,448,778
Percentage of tiles with 1 or more points: 76.2%

Run 2 (Version 13 – 3.0m)
Total number of cells: 3,765,015
Total number of cells with one point: 144,048
Total number of cells with one or more points: 3,742,096
Percentage of tiles with 1 or more points: 99.4%

Once both the accuracy between swaths and data density is accepted an automated classification algorithm is performed using TerraSolid's TerraScan, version 11.005. This will produce the majority of the bare-earth datasets.

The remainder of the data was classified using manual classification techniques. The majority of the manual edit moved points misclassified as ground (class 2) to unclassified (class 1). Erroneous low points, high points, including clouds are classified to class 7.

### 5.4 Check Point Validation

The data was then verified using the ground control data collected by AeroMetric. TerraScan is used to compute the vertical differences between the surveyed elevation and the LiDAR derived elevation closest to the surveyed point.

A report listing the differences and common statistics was created and can be found in Section 8 of this report.

### 5.5 LiDAR Data Delivery

Raw point cloud data supplied is in the following format:

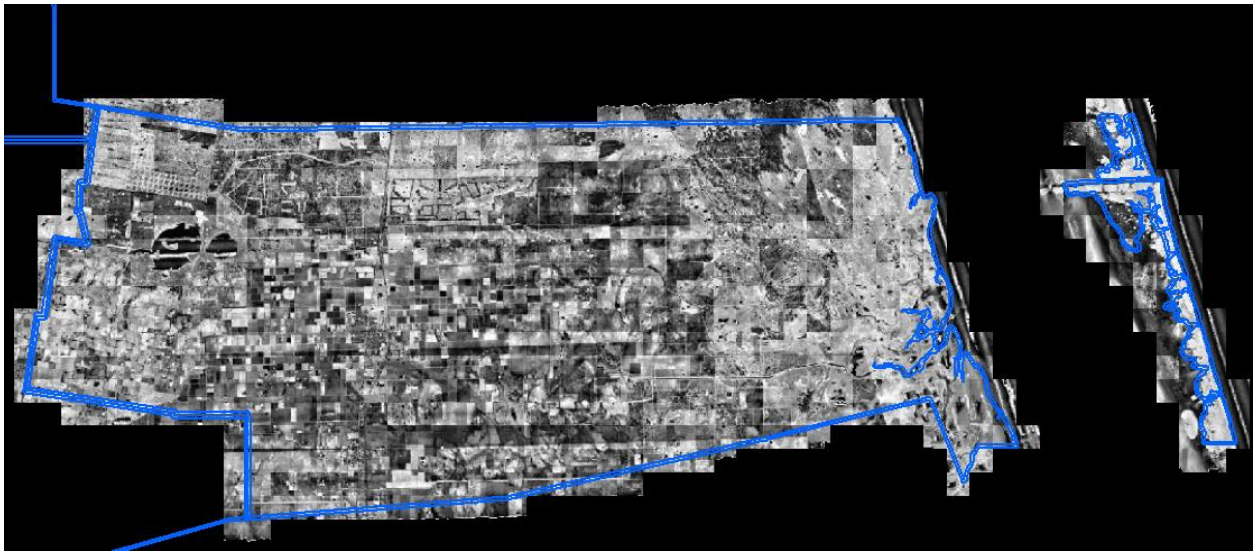
- LAS, version 1.2
- GPS times adjusted to GPS Absolute
- Full swaths and delivered as 1 file per swath which did not exceed 2gb.

Classified point cloud data is also being supplied using the following criteria.

- LAS, version 1.2
- GPS times adjusted to GPS Absolute
- Classification scheme:
  - Code 1 – Processed, but unclassified
  - Code 2 – Ground
  - Code 7 – Noise
  - Code 9 - Water
  - Code 10 – Ignored Ground (Breakline proximity)

The 2 meter bare-earth DEMs were created in the following manner. First, ArcGrids in ASCII format were created using TerraModeler version 11.001 (TerraSolid Ltd.). The ASCII grids were then imported into ARC and translated to .IMG raster format.

The first return 2 meter intensity images were created using GeoCue. These images are in GeoTiff format.



**Willacy County Intensity Raster**

Breaklines are first collected in a Microstation environment using the base specifications. Upon acceptance of the breaklines, either polygons or lines, are translated into ARC and imported to the final geodatabase as separate features.

## 6 CONCLUSION

Because of the rigorous procedures and use of new technology, this project will serve the USGS and all users requiring the provided LiDAR derivative products for Willacy County Texas well into the future. Although this project challenged both the equipment and personnel, the results are extremely accurate and reliable.

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 DF6327 ***********************************************************************
 DF6327  SACS        -  This is a Secondary Airport Control Station.
 DF6327  DESIGNATION -  25R B
 DF6327  PID         -  DF6327
 DF6327  STATE/COUNTY-  TX/HIDALGO
 DF6327  USGS QUAD   -  HARGILL (1963)
 DF6327
 DF6327                        *CURRENT SURVEY CONTROL
 DF6327  ______________________________________________________________________
 DF6327* NAD 83(2007)-  26 26 33.64295(N)    098 07 26.61695(W)     ADJUSTED
 DF6327* NAVD 88     -        20.64   (meters)      67.7    (feet)  GPS OBS
 DF6327  ______________________________________________________________________
 DF6327  EPOCH DATE  -        2002.00
 DF6327  X           -    -807,576.913 (meters)                     COMP
 DF6327  Y           -  -5,657,299.663 (meters)                     COMP
 DF6327  Z           -   2,823,058.328 (meters)                     COMP
 DF6327  LAPLACE CORR-           1.10  (seconds)                    DEFLEC09
 DF6327  ELLIP HEIGHT-          -3.277 (meters)          (02/10/07) ADJUSTED
 DF6327  GEOID HEIGHT-         -23.94  (meters)                     GEOID09
 DF6327
 DF6327  ------- Accuracy Estimates (at 95% Confidence Level in cm) --------
 DF6327  Type    PID    Designation                      North   East  Ellip
 DF6327  ----------------------------------------------------------------------
 DF6327  NETWORK DF6327 25R B                             0.78   0.57   1.35
 DF6327  ----------------------------------------------------------------------
 DF6327
 DF6327.This mark is at Edinburg Rio Grd Valley Reg Freight Trml Airport (25R)
 DF6327
 DF6327.The horizontal coordinates were established by GPS observations
 DF6327.and adjusted by the National Geodetic Survey in February 2007.
 DF6327
 DF6327.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
 DF6327.See National Readjustment for more information.
 DF6327.The horizontal coordinates are valid at the epoch date displayed above.
 DF6327.The epoch date for horizontal control is a decimal equivalence
 DF6327.of Year/Month/Day.
 DF6327
 DF6327.The orthometric height was determined by GPS observations and a
 DF6327.high-resolution geoid model.
 DF6327
 DF6327.GPS derived orthometric heights for airport stations designated as
 DF6327.PACS or SACS are published to 2 decimal places.  This maintains
 DF6327.centimeter relative accuracy between the PACS and SACS.  It does
 DF6327.not indicate centimeter accuracy relative to other marks which are
 DF6327.part of the NAVD 88 network.
```

DF6327
DF6327.Photographs are available for this station.
DF6327
DF6327.The X, Y, and Z were computed from the position and the ellipsoidal ht.
DF6327
DF6327.The Laplace correction was computed from DEFLEC09 derived deflections.
DF6327
DF6327.The ellipsoidal height was determined by GPS observations
DF6327.and is referenced to NAD 83.
DF6327
DF6327.The geoid height was determined by GEOID09.
DF6327

| | | North | East | Units | Scale Factor | Converg. |
|---|---|---|---|---|---|---|
| DF6327;SPC TX S | - | 5,086,032.544 | 337,493.810 | MT | 0.99994195 | +0 10 14.4 |
| DF6327;SPC TX S | - | 16,686,425.10 | 1,107,260.94 | sFT | 0.99994195 | +0 10 14.4 |
| DF6327;UTM 14 | - | 2,925,006.489 | 587,332.914 | MT | 0.99969416 | +0 23 24.3 |

DF6327

| | | Elev Factor | x | Scale Factor | = | Combined Factor |
|---|---|---|---|---|---|---|
| DF6327!SPC TX S | - | 1.00000051 | x | 0.99994195 | = | 0.99994246 |
| DF6327!UTM 14 | - | 1.00000051 | x | 0.99969416 | = | 0.99969467 |

DF6327

| | | Primary Azimuth Mark | Grid Az |
|---|---|---|---|
| DF6327:SPC TX S | - | 25R A | 339 06 51.2 |
| DF6327:UTM 14 | - | 25R A | 338 53 41.3 |

DF6327

| PID | Reference Object | Distance | Geod. Az |
|---|---|---|---|
| | | | dddmmss.s |
| DF6327 DF6317 | 25R A | APPROX. 0.6 KM | 3391705.6 |

DF6327

DF6327 SUPERSEDED SURVEY CONTROL
DF6327
DF6327 NAD 83(1993)- 26 26 33.64311(N) 098 07 26.61679(W) AD( ) 1
DF6327 ELLIP H (06/20/03) -3.293 (m) GP( ) 5 1
DF6327
DF6327.Superseded values are not recommended for survey control.
DF6327.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DF6327.See file dsdata.txt to determine how the superseded data were derived.
DF6327
DF6327_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RNQ8733225006(NAD 83)
DF6327_MARKER: DH = HORIZONTAL CONTROL DISK
DF6327_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DF6327_STAMPING: 25R B 2003
DF6327_MARK LOGO: NGS
DF6327_PROJECTION: FLUSH
DF6327_MAGNETIC: N = NO MAGNETIC MATERIAL
DF6327_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DF6327+STABILITY: SURFACE MOTION
DF6327_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DF6327+SATELLITE: SATELLITE OBSERVATIONS - February 18, 2004
DF6327

| | | Date | Condition | Report By |
|---|---|---|---|---|
| DF6327 HISTORY | - | 20030303 | MONUMENTED | NGS |
| DF6327 HISTORY | - | 20040218 | GOOD | NGS |

DF6327

DF6327 STATION DESCRIPTION

DF6327
DF6327'DESCRIBED BY NATIONAL GEODETIC SURVEY 2003 (RTN)
DF6327'IN HIDALGO COUNTY, ABOUT 10 MILES NORTH OF EDINBURG, ON THE EDINBURG
DF6327'INTERNATIONAL
DF6327'AIRPORT, NEAR THE CENTER OF THE AIRPORT, SOUTHEAST OF THE WINDSOCK.
DF6327'OWNERSHIP--EDINBURG AIRPORT, 400 EAST HARGILL ROAD (FM 490), PO BOX
DF6327'1079, EDINBURG, TX
DF6327'78540-1079.  PHONE-956-385-5661,  MOBLE--956-279-1900.
DF6327'
DF6327'
DF6327'TO REACH THE STATION FROM THE JUNCTION OF US HIGHWAY 281 OVERPASS WITH
DF6327'STATE HIGHWAY
DF6327'107 IN EDINBURG, GO 10.6 NORTH ALONG US HIGHWAY 281 TO HARGILL ROAD
DF6327'(FM 490) TURN RIGHT,
DF6327'EAST, GO 0.7 MILE EAST ON HARGILL TO THE AIRPORT ENTRANCE ROAD, TURN
DF6327'RIGHT, SOUTH, GO
DF6327'0.05 MILE SOUTH ON THE ENTRANCE ROAD TO A GRAVELED ROAD ON THE RIGHT,
DF6327'WEST, TURN AND
DF6327'GO 0.3 MILE WEST THEN SOUTHWEST GOING AROUND A HANGER AND THEN ALONG A
DF6327'TRACK ROAD
DF6327'BESIDE A TAXIWAY TO THE PAC STATION ON THE RIGHT INLINE WITH THE TAXI
DF6327'HOLD BARS. CONTINUE
DF6327'SOUTHWEST FOR 0.2 MILE AROUND THE END OF THE RUNWAY TO A TRACK ROAD,
DF6327'TURN
DF6327'LEFT,SOUTHEAST, GO 0.4 MILE TO THE SOUTHEAST SIDE OF THE WINDSOCK AND
DF6327'THE STATION
DF6327'BETWEEN TWO 4 X 8 CONCRETE CIRCLE SEGMENTS.
DF6327'
DF6327'
DF6327'THE STATION IS 14.6 M SOUTHEAST OF THE WINDSOCK, 1.3 M SOUTH OF THE
DF6327'SOUTH CORNER OF A
DF6327'CIRCLE SEGMENT, 1.0 M EAST OF A WITNESS POST AND A 4 X 8 CIRCLE
DF6327'SEGMENT, AND THE
DF6327'MONUMENT IS FLUSH WITH THE GROUND SURFACE.
DF6327'
DF6327'NOTE--THIS IS A SECONDARY AIRPORT CONTROL STATION, (SACS).
DF6327'
DF6327
DF6327                          STATION RECOVERY (2004)
DF6327
DF6327'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2004 (DRL)
DF6327'RECOVERED AS DESCRIBED.
DF6327'

*** retrieval complete.
Elapsed Time = 00:00:00

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.85
1        National Geodetic Survey,   Retrieval Date = FEBRUARY  9, 2011
 AB1283 ***********************************************************************
 AB1283  DESIGNATION -  B 1408
 AB1283  PID         -  AB1283
 AB1283  STATE/COUNTY-  TX/WILLACY
 AB1283  USGS QUAD   -  YTURRIA (1982)
 AB1283
 AB1283                        *CURRENT SURVEY CONTROL
 AB1283  ______________________________________________________________________
 AB1283* NAD 83(1986)-  26 31 30.      (N)    097 46 37.      (W)      SCALED
 AB1283* NAVD 88     -         10.468  (meters)       34.34   (feet)   ADJUSTED
 AB1283  ______________________________________________________________________
 AB1283  GEOID HEIGHT-          -23.59  (meters)                        GEOID09
 AB1283  DYNAMIC HT  -           10.451 (meters)       34.29  (feet)   COMP
 AB1283  MODELED GRAV-      979,050.7   (mgal)                          NAVD 88
 AB1283
 AB1283  VERT ORDER  -  FIRST     CLASS II
 AB1283
 AB1283.The horizontal coordinates were scaled from a topographic map and have
 AB1283.an estimated accuracy of +/- 6 seconds.
 AB1283
 AB1283.The orthometric height was determined by differential leveling and
 AB1283.adjusted in June 1991.
 AB1283
 AB1283.The geoid height was determined by GEOID09.
 AB1283
 AB1283.The dynamic height is computed by dividing the NAVD 88
 AB1283.geopotential number by the normal gravity value computed on the
 AB1283.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AB1283.degrees latitude (g = 980.6199 gals.).
 AB1283
 AB1283.The modeled gravity was interpolated from observed gravity values.
 AB1283
 AB1283;                    North         East     Units  Estimated Accuracy
 AB1283;SPC TX S     - 5,095,300.      372,060.      MT  (+/- 180 meters Scaled)
 AB1283
 AB1283                         SUPERSEDED SURVEY CONTROL
 AB1283
 AB1283.No superseded survey control is available for this station.
 AB1283
 AB1283_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RPQ218344(NAD 83)
 AB1283_MARKER: I = METAL ROD
 AB1283_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
 AB1283_SP_SET: STAINLESS STEEL ROD
 AB1283_STAMPING: B 1408 1981
 AB1283_MARK LOGO: NGS
```

AB1283_PROJECTION: FLUSH
AB1283_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AB1283_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AB1283+SATELLITE: SATELLITE OBSERVATIONS - February 04, 2004
AB1283_ROD/PIPE-DEPTH: 7.9 meters
AB1283
AB1283 HISTORY - Date Condition Report By
AB1283 HISTORY - 1981 MONUMENTED NGS
AB1283 HISTORY - 20040204 GOOD USPSQD
AB1283
AB1283 STATION DESCRIPTION
AB1283
AB1283'DESCRIBED BY NATIONAL GEODETIC SURVEY 1981
AB1283'4.8 KM (3.0 MI) NORTH FROM RAYMONDVILLE.
AB1283'4.8 KM (3.0 MI) NORTH ALONG BUSINESS U.S. HIGHWAY 77 FROM THE JUNCTION
AB1283'OF STATE HIGHWAY 186 IN RAYMONDVILLE AT A TELEPHONE POLE ON THE WEST
AB1283'SIDE OF THE HIGHWAY, 0.2 KM (0.1 MI) SOUTH OF A CROSSROAD, ABOUT
AB1283'91.4 METERS (300.0 FT) SOUTHWEST OF A TEXACO STATION AND COFFEE STOP.
AB1283'15.4 METERS (51.0 FT) WEST OF THE CENTER OF AN ASPHALT MEDIAN IN THE
AB1283'HIGHWAY, 1.3 METER (3.5 FT) SOUTH OF THE TELEPHONE POLE AND JUNCTION
AB1283'BOX ON THE EAST SIDE OF POLE, AND 14.9 METERS (49.0 FT) EAST OF THE
AB1283'EAST RAIL OF THE MISSOURI PACIFIC RAILROAD TRACKS. NOTE, ROD WAS
AB1283'DRIVEN TO REFUSAL AT THIS DEPTH.
AB1283'THE MARK IS 0.15 METERS N FROM A WITNESS POST.
AB1283'THE MARK IS 0.46 M BELOW HIGHWAY 77.
AB1283
AB1283 STATION RECOVERY (2004)
AB1283
AB1283'RECOVERY NOTE BY US POWER SQUADRON 2004 (CTA)
AB1283'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:00

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 AE0051 ***********************************************************************
 AE0051  DESIGNATION -  E 630 RESET
 AE0051  PID         -  AE0051
 AE0051  STATE/COUNTY-  TX/HIDALGO
 AE0051  USGS QUAD   -  LA REFORMA (1993)
 AE0051
 AE0051                        *CURRENT SURVEY CONTROL
 AE0051  ______________________________________________________________________
 AE0051* NAD 83(1986)-  26 39 03.     (N)    098 21 18.     (W)     SCALED
 AE0051* NAVD 88     -        67.77   (meters)     222.3    (feet)  RESET
 AE0051  ______________________________________________________________________
 AE0051  GEOID HEIGHT-         -24.45  (meters)                     GEOID09
 AE0051  VERT ORDER  -  THIRD
 AE0051
 AE0051.The horizontal coordinates were scaled from a topographic map and have
 AE0051.an estimated accuracy of +/- 6 seconds.
 AE0051
 AE0051.The orthometric height was computed from unverified reset data.
 AE0051
 AE0051.The geoid height was determined by GEOID09.
 AE0051
 AE0051;                    North         East    Units  Estimated Accuracy
 AE0051;SPC TX S     - 5,109,050.      314,440.      MT  (+/- 180 meters Scaled)
 AE0051
 AE0051                          SUPERSEDED SURVEY CONTROL
 AE0051
 AE0051.No superseded survey control is available for this station.
 AE0051
 AE0051_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RNQ641479(NAD 83)
 AE0051_MARKER: DB = BENCH MARK DISK
 AE0051_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AE0051_SP_SET: SET IN TOP OF CONCRETE MONUMENT
 AE0051_STAMPING: E 630 RESET 1951
 AE0051_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AE0051+STABILITY: SURFACE MOTION
 AE0051_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AE0051+SATELLITE: SATELLITE OBSERVATIONS - December 02, 2002
 AE0051
 AE0051  HISTORY     - Date     Condition        Report By
 AE0051  HISTORY     - 1951     MONUMENTED       CGS
 AE0051  HISTORY     - 19920702 MARK NOT FOUND   USPSQD
 AE0051  HISTORY     - 20021202 GOOD             INDIV
 AE0051
 AE0051                          STATION DESCRIPTION
 AE0051
```

AE0051'DESCRIBED BY COAST AND GEODETIC SURVEY 1951
AE0051'0.5 MI W FROM PUERTO RICO.
AE0051'IN HIDALGO COUNTY 15.8 MILES WEST ALONG FARM ROAD 1017 FROM THE S.
AE0051'PACIFIC R.R. STATION AT LINN. AT THE JUNCTION OF FARM ROAD 681. ON
AE0051'THE WEST EDGE OF 1017 AND 1.0 FOOT SOUTH OF THE FENCE LINE. 18 FEET
AE0051'WEST OF THE HIGH TENSION POLES (ON RANGE) EXTENDING ALONG THE EAST
AE0051'SIDE OF ROAD 681. A STANDARD DISK STAMPED E 630 RESET 1951 SET IN A
AE0051'CONCRETE POST 6 IN. SQUARE EXTENDING 1.2 FT. ABOVE GROUND. NOTE--
AE0051'UPPER PART HAS BEEN CAPPED. I TALKED WITH THE TEXAS STATE HIGHWAY
AE0051'ENGINEER WHO RESET THIS MARK AND HE TOLD ME THE MONUMENT HAD BEEN
AE0051'BROKEN OFF BUT HE HAD RESET IT TO WITHIN A THOUSANTH. THIS ELEVATION
AE0051'SHOULD BE USED WITH CAUTION UNTIL CHECKED BY ONE OF OUR PARTIES.
AE0051
AE0051 STATION RECOVERY (1992)
AE0051
AE0051'RECOVERY NOTE BY US POWER SQUADRON 1992
AE0051'MARK NOT FOUND.
AE0051
AE0051 STATION RECOVERY (2002)
AE0051
AE0051'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2002 (JRP)
AE0051'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:01

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 DK7573 ***********************************************************************
 DK7573  CORS         -  This is a GPS Continuously Operating Reference Station.
 DK7573  DESIGNATION -  KINGSVILLETX2006 CORS ARP
 DK7573  CORS_ID      -  KVTX
 DK7573  PID          -  DK7573
 DK7573  STATE/COUNTY-  TX/KLEBERG
 DK7573  USGS QUAD    -  KINGSVILLE WEST (1979)
 DK7573
 DK7573                        *CURRENT SURVEY CONTROL
 DK7573  ______________________________________________________________________
 DK7573* NAD 83(CORS)-  27 32 45.40708(N)    097 53 34.34552(W)     ADJUSTED
 DK7573* NAVD 88     -              **(meters)            **(feet)
 DK7573  ______________________________________________________________________
 DK7573  EPOCH DATE  -        2002.00
 DK7573  X           -    -777,124.110 (meters)                     COMP
 DK7573  Y           -  -5,605,552.742 (meters)                     COMP
 DK7573  Z           -   2,931,984.879 (meters)                     COMP
 DK7573  ELLIP HEIGHT-          -1.293 (meters)          (12/??/08) ADJUSTED
 DK7573  GEOID HEIGHT-         -26.21  (meters)                     GEOID09
 DK7573  HORZ ORDER  -  SPECIAL (CORS)
 DK7573  ELLP ORDER  -  SPECIAL (CORS)
 DK7573
 DK7573.ITRF positions are available for this station.
 DK7573.The coordinates were established by GPS observations
 DK7573.and adjusted by the National Geodetic Survey in December 2008.
 DK7573.The coordinates are valid at the epoch date displayed above.
 DK7573.The epoch date for horizontal control is a decimal equivalence
 DK7573.of Year/Month/Day.
 DK7573
 DK7573
 DK7573.The PID for the CORS L1 Phase Center is DK7574.
 DK7573
 DK7573.The XYZ, and position/ellipsoidal ht. are equivalent.
 DK7573
 DK7573.The ellipsoidal height was determined by GPS observations
 DK7573.and is referenced to NAD 83.
 DK7573
 DK7573.The geoid height was determined by GEOID09.
 DK7573
 DK7573;                    North         East     Units Scale Factor Converg.
 DK7573;SPC TX S     - 5,208,355.833   359,962.673   MT  0.99993985   +0 16 32.3
 DK7573;SPC TX S     -17,087,747.43  1,180,977.54   sFT  0.99993985   +0 16 32.3
 DK7573
 DK7573!             -  Elev Factor  x  Scale Factor =   Combined Factor
 DK7573!SPC TX S     -   1.00000020  x   0.99993985  =   0.99994005
```

```
DK7573
DK7573                          SUPERSEDED SURVEY CONTROL
DK7573
DK7573.No superseded survey control is available for this station.
DK7573
DK7573_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RPR0931247394(NAD 83)
DK7573_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA
DK7573
DK7573                          STATION DESCRIPTION
DK7573
DK7573'DESCRIBED BY NATIONAL GEODETIC SURVEY 2008
DK7573'STATION IS A GPS CORS.  LATEST INFORMATION INCLUDING POSITIONS AND
DK7573'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
DK7573'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
DK7573'   FTP CORS.NGS.NOAA.GOV: CORS/COORD  AND  CORS/STATION_LOG
DK7573'   HTTP://WWW.NGS.NOAA.GOV/CORS.

*** retrieval complete.
Elapsed Time = 00:00:00
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# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.85
1        National Geodetic Survey,   Retrieval Date = FEBRUARY  9, 2011
 AB1295 ***********************************************************************
 AB1295  DESIGNATION -  N 1408
 AB1295  PID         -  AB1295
 AB1295  STATE/COUNTY-  TX/CAMERON
 AB1295  USGS QUAD   -  SANTA ROSA (1982)
 AB1295
 AB1295                        *CURRENT SURVEY CONTROL
 AB1295  ______________________________________________________________________
 AB1295* NAD 83(1986)-  26 18 36.     (N)    097 46 24.     (W)     SCALED
 AB1295* NAVD 88     -        13.726  (meters)      45.03   (feet)  ADJUSTED
 AB1295  ______________________________________________________________________
 AB1295  GEOID HEIGHT-         -23.12  (meters)                      GEOID09
 AB1295  DYNAMIC HT  -          13.704 (meters)      44.96  (feet)  COMP
 AB1295  MODELED GRAV-     979,038.7   (mgal)                        NAVD 88
 AB1295
 AB1295  VERT ORDER  -  FIRST     CLASS II
 AB1295
 AB1295.The horizontal coordinates were scaled from a topographic map and have
 AB1295.an estimated accuracy of +/- 6 seconds.
 AB1295
 AB1295.The orthometric height was determined by differential leveling and
 AB1295.adjusted in June 1991.
 AB1295
 AB1295.The geoid height was determined by GEOID09.
 AB1295
 AB1295.The dynamic height is computed by dividing the NAVD 88
 AB1295.geopotential number by the normal gravity value computed on the
 AB1295.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AB1295.degrees latitude (g = 980.6199 gals.).
 AB1295
 AB1295.The modeled gravity was interpolated from observed gravity values.
 AB1295
 AB1295;                    North         East     Units  Estimated Accuracy
 AB1295;SPC TX S     - 5,071,490.      372,560.      MT  (+/- 180 meters Scaled)
 AB1295
 AB1295                         SUPERSEDED SURVEY CONTROL
 AB1295
 AB1295.No superseded survey control is available for this station.
 AB1295
 AB1295_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RPQ224105(NAD 83)
 AB1295_MARKER: I = METAL ROD
 AB1295_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
 AB1295_SP_SET: STAINLESS STEEL ROD
 AB1295_STAMPING: N 1408 1981
 AB1295_MARK LOGO: NGS
```

```
AB1295_PROJECTION: RECESSED 3 CENTIMETERS
AB1295_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AB1295_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
AB1295+SATELLITE: SATELLITE OBSERVATIONS - June 04, 2001
AB1295_ROD/PIPE-DEPTH: 12.1 meters
AB1295
AB1295  HISTORY     - Date     Condition        Report By
AB1295  HISTORY     - 1981     MONUMENTED       NGS
AB1295  HISTORY     - 19910416 GOOD             USPSQD
AB1295  HISTORY     - 19930123 GOOD             USPSQD
AB1295  HISTORY     - 20010604 GOOD             JCLS
AB1295
AB1295                          STATION DESCRIPTION
AB1295
AB1295'DESCRIBED BY NATIONAL GEODETIC SURVEY 1981
AB1295'4.2 KM (2.60 MI) SSE FROM SEBASTIAN.
AB1295'2.5 KM (1.55 MI) SOUTH SOUTHEAST ALONG BUSINESS U.S. HIGHWAY 77 FROM
AB1295'THE SEBASTIAN POST OFFICE AND THE JUNCTION OF STATE HIGHWAY 506 SOUTH,
AB1295'THENCE 1.7 KM (1.05 MI) SOUTHEAST ALONG THE EAST FRONTAGE ROAD TO THE
AB1295'ENTRANCE TO THE BALLENGER FARMS LEADING EAST.  13.4 METERS (44.0 FT)
AB1295'EAST NORTHEAST OF THE CENTER OF THE FRONTAGE ROAD, 7.9 METERS
AB1295'(26.0 FT) NORTH NORTHWEST OF THE CENTER OF THE FARM ENTRANCE,
AB1295'3.9 METERS (13.0 FT) NORTH NORTHWEST OF THE SOUTH END OF A CHAIN LINK
AB1295'FENCE NORTH OF THE DRIVEWAY, AND 0.3 METER (1.0 FT) WEST SOUTHWEST OF
AB1295'THE CHAIN LINK FENCE.
AB1295'THE MARK IS 0.4 METERS  S FROM A WITNESS POST.
AB1295'THE MARK IS ABOVE LEVEL WITH FRONTAGE ROAD.
AB1295
AB1295                          STATION RECOVERY (1991)
AB1295
AB1295'RECOVERY NOTE BY US POWER SQUADRON 1991 (GES)
AB1295'RECOVERED IN GOOD CONDITION.
AB1295
AB1295                          STATION RECOVERY (1993)
AB1295
AB1295'RECOVERY NOTE BY US POWER SQUADRON 1993 (GES)
AB1295'RECOVERED IN GOOD CONDITION.
AB1295
AB1295                          STATION RECOVERY (2001)
AB1295
AB1295'RECOVERY NOTE BY JOHN CHANCE LAND SURVEYS INC 2001 (CLG)
AB1295'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:00
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# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 AE0069 ***********************************************************************
 AE0069  DESIGNATION -  R 630 RESET
 AE0069  PID         -  AE0069
 AE0069  STATE/COUNTY-  TX/HIDALGO
 AE0069  USGS QUAD   -  LINN SIDING (1982)
 AE0069
 AE0069                        *CURRENT SURVEY CONTROL
 AE0069  ______________________________________________________________________
 AE0069* NAD 83(1986)-  26 35 40.     (N)    098 12 38.     (W)     SCALED
 AE0069* NAVD 88     -        32.10   (meters)     105.3    (feet)  RESET
 AE0069  ______________________________________________________________________
 AE0069  GEOID HEIGHT-         -24.30  (meters)                     GEOID09
 AE0069  VERT ORDER  -  THIRD
 AE0069
 AE0069.The horizontal coordinates were scaled from a topographic map and have
 AE0069.an estimated accuracy of +/- 6 seconds.
 AE0069
 AE0069.The orthometric height was computed from unverified reset data.
 AE0069
 AE0069.The geoid height was determined by GEOID09.
 AE0069
 AE0069;                    North         East    Units  Estimated Accuracy
 AE0069;SPC TX S     - 5,102,820.      328,830.      MT  (+/- 180 meters Scaled)
 AE0069
 AE0069                          SUPERSEDED SURVEY CONTROL
 AE0069
 AE0069.No superseded survey control is available for this station.
 AE0069
 AE0069_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RNQ786417(NAD 83)
 AE0069_MARKER: DD = SURVEY DISK
 AE0069_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AE0069_SP_SET: CONCRETE POST
 AE0069_STAMPING: R 630 RESET 1951
 AE0069_MARK LOGO: TXHD
 AE0069_MAGNETIC: N = NO MAGNETIC MATERIAL
 AE0069_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AE0069+STABILITY: SURFACE MOTION
 AE0069
 AE0069  HISTORY     - Date     Condition        Report By
 AE0069  HISTORY     - 1951     MONUMENTED       TXHD
 AE0069  HISTORY     - 19920702 GOOD             USPSQD
 AE0069
 AE0069                          STATION DESCRIPTION
 AE0069
 AE0069'DESCRIBED BY TEXAS HIGHWAY DEPARTMENT 1951
```

AE0069'5.0 MI W FROM LINN.
AE0069'5.0 MILES WEST ALONG FARM ROAD 1017 FROM THE S PACIFIC R.R. STATION AT
AE0069'LINN AND 0.5 MILES WEST OF A GATE LEADING TO TIJERINA RANCH. 38 FEET
AE0069'NORTH OF THE CENTERLINE OF THE ROAD. 1.0 SOUTH OF THE FENCE LINE. A
AE0069'STANDARD DISK SET IN A CONCRETE POST 0.6 FOOT SQUARE EXTENDING 0.4
AE0069'FOOT ABOVE GROUND. THERE IS A WITNESS POST 2.5 FEET EAST OF THE MARK.
AE0069
AE0069 STATION RECOVERY (1992)
AE0069
AE0069'RECOVERY NOTE BY US POWER SQUADRON 1992
AE0069'RECOVERED IN GOOD CONDITION. NOTE--SHOULD READ 6.3 MILES (10.1 KM)
AE0069'WEST ALONG FARM ROAD 1017.

*** retrieval complete.
Elapsed Time = 00:00:00

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 DF4381 ***********************************************************************
 DF4381  CORS         -  This is a GPS Continuously Operating Reference Station.
 DF4381  DESIGNATION -  LAREDO RRP2 CORS ARP
 DF4381  CORS_ID      -  TXLR
 DF4381  PID          -  DF4381
 DF4381  STATE/COUNTY-  TX/WEBB
 DF4381  USGS QUAD    -  LAREDO EAST (1980)
 DF4381
 DF4381                        *CURRENT SURVEY CONTROL
 DF4381  ______________________________________________________________________
 DF4381* NAD 83(CORS)-  27 30 49.91332(N)    099 26 52.50981(W)     ADJUSTED
 DF4381* NAVD 88      -              **(meters)            **(feet)
 DF4381  ______________________________________________________________________
 DF4381  EPOCH DATE   -        2002.00
 DF4381  X            -    -929,244.312 (meters)                    COMP
 DF4381  Y            -  -5,584,121.769 (meters)                    COMP
 DF4381  Z            -   2,928,886.074 (meters)                    COMP
 DF4381  ELLIP HEIGHT-         114.910 (meters)          (03/??/03) ADJUSTED
 DF4381  GEOID HEIGHT-         -24.05  (meters)                    GEOID09
 DF4381  HORZ ORDER   -  SPECIAL (CORS)
 DF4381  ELLP ORDER   -  SPECIAL (CORS)
 DF4381
 DF4381.ITRF positions are available for this station.
 DF4381.The coordinates were established by GPS observations
 DF4381.and adjusted by the National Geodetic Survey in March 2003.
 DF4381.The coordinates are valid at the epoch date displayed above.
 DF4381.The epoch date for horizontal control is a decimal equivalence
 DF4381.of Year/Month/Day.
 DF4381
 DF4381
 DF4381.The PID for the CORS L1 Phase Center is DF4382.
 DF4381
 DF4381.The XYZ, and position/ellipsoidal ht. are equivalent.
 DF4381
 DF4381.The ellipsoidal height was determined by GPS observations
 DF4381.and is referenced to NAD 83.
 DF4381
 DF4381.The geoid height was determined by GEOID09.
 DF4381
 DF4381;                    North         East     Units Scale Factor Converg.
 DF4381;SPC TX S     - 5,205,008.502   206,352.795   MT  0.99993469   -0 25 49.3
 DF4381;SPC TX S     -17,076,765.39    677,009.13   sFT  0.99993469   -0 25 49.3
 DF4381
 DF4381!             -  Elev Factor  x  Scale Factor =   Combined Factor
 DF4381!SPC TX S     -   0.99998195  x   0.99993469  =   0.99991664
```

```
  DF4381
  DF4381                          SUPERSEDED SURVEY CONTROL
  DF4381
  DF4381.No superseded survey control is available for this station.
  DF4381
  DF4381_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RMR5576343432(NAD 83)
  DF4381_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA
  DF4381
  DF4381                          STATION DESCRIPTION
  DF4381
  DF4381'DESCRIBED BY NATIONAL GEODETIC SURVEY 2003
  DF4381'STATION IS A GPS CORS.  LATEST INFORMATION INCLUDING POSITIONS AND
  DF4381'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
  DF4381'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
  DF4381'   FTP CORS.NGS.NOAA.GOV: CORS/COORD  AND  CORS/STATION_LOG
  DF4381'   HTTP://WWW.NGS.NOAA.GOV/CORS.

  *** retrieval complete.
  Elapsed Time = 00:00:00
```

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 DF4383 ***********************************************************************
 DF4383  CORS         -  This is a GPS Continuously Operating Reference Station.
 DF4383  DESIGNATION -  PHARR RRP2 CORS ARP
 DF4383  CORS_ID      -  TXPR
 DF4383  PID          -  DF4383
 DF4383  STATE/COUNTY-  TX/HIDALGO
 DF4383  USGS QUAD    -  PHARR (1983)
 DF4383
 DF4383                        *CURRENT SURVEY CONTROL
 DF4383  ______________________________________________________________________
 DF4383* NAD 83(CORS)-  26 12 30.52901(N)    098 11 21.29396(W)      ADJUSTED
 DF4383* NAVD 88      -              **(meters)            **(feet)
 DF4383  ______________________________________________________________________
 DF4383  EPOCH DATE   -        2002.00
 DF4383  X            -    -815,654.589 (meters)                     COMP
 DF4383  Y            -  -5,667,784.459 (meters)                     COMP
 DF4383  Z            -   2,799,810.649 (meters)                     COMP
 DF4383  ELLIP HEIGHT-          16.582 (meters)          (03/??/03) ADJUSTED
 DF4383  GEOID HEIGHT-         -23.80  (meters)                     GEOID09
 DF4383  HORZ ORDER   -  SPECIAL (CORS)
 DF4383  ELLP ORDER   -  SPECIAL (CORS)
 DF4383
 DF4383.ITRF positions are available for this station.
 DF4383.The coordinates were established by GPS observations
 DF4383.and adjusted by the National Geodetic Survey in March 2003.
 DF4383.The coordinates are valid at the epoch date displayed above.
 DF4383.The epoch date for horizontal control is a decimal equivalence
 DF4383.of Year/Month/Day.
 DF4383
 DF4383
 DF4383.The PID for the CORS L1 Phase Center is DF4384.
 DF4383
 DF4383.The XYZ, and position/ellipsoidal ht. are equivalent.
 DF4383
 DF4383.The ellipsoidal height was determined by GPS observations
 DF4383.and is referenced to NAD 83.
 DF4383
 DF4383.The geoid height was determined by GEOID09.
 DF4383
 DF4383;                    North         East     Units Scale Factor Converg.
 DF4383;SPC TX S     - 5,060,068.322   331,056.277   MT  0.99998973   +0 08 27.9
 DF4383;SPC TX S     -16,601,240.82  1,086,140.47   sFT  0.99998973   +0 08 27.9
 DF4383
 DF4383!             -  Elev Factor  x  Scale Factor =   Combined Factor
 DF4383!SPC TX S     -   0.99999739  x   0.99998973  =   0.99998712
```

DF4383
DF4383 SUPERSEDED SURVEY CONTROL
DF4383
DF4383 ELLIP H (03/??/03) 16.582 (m) GP(2002.00) c c
DF4383
DF4383.Superseded values are not recommended for survey control.
DF4383.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DF4383.See file dsdata.txt to determine how the superseded data were derived.
DF4383
DF4383_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RNP8099699025(NAD 83)
DF4383_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA
DF4383
DF4383 STATION DESCRIPTION
DF4383
DF4383'DESCRIBED BY NATIONAL GEODETIC SURVEY 2003
DF4383'STATION IS A GPS CORS. LATEST INFORMATION INCLUDING POSITIONS AND
DF4383'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
DF4383'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
DF4383' FTP CORS.NGS.NOAA.GOV: CORS/COORD AND CORS/STATION_LOG
DF4383' HTTP://WWW.NGS.NOAA.GOV/CORS.

*** retrieval complete.
Elapsed Time = 00:00:01

# The NGS Data Sheet

**See file dsdata.txt for more information about the datasheet.**

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.87
1        National Geodetic Survey,   Retrieval Date = JUNE  7, 2011
 AE0074 ***********************************************************************
 AE0074  DESIGNATION -  U 630 RESET
 AE0074  PID         -  AE0074
 AE0074  STATE/COUNTY-  TX/HIDALGO
 AE0074  USGS QUAD   -  LINN SIDING (1982)
 AE0074
 AE0074                        *CURRENT SURVEY CONTROL
 AE0074  ______________________________________________________________________
 AE0074* NAD 83(1986)-  26 34 37.     (N)    098 10 15.     (W)     SCALED
 AE0074* NAVD 88     -        27.17   (meters)      89.1    (feet)  RESET
 AE0074  ______________________________________________________________________
 AE0074  GEOID HEIGHT-         -24.23  (meters)                     GEOID09
 AE0074  VERT ORDER  -  THIRD
 AE0074
 AE0074.The horizontal coordinates were scaled from a topographic map and have
 AE0074.an estimated accuracy of +/- 6 seconds.
 AE0074
 AE0074.The orthometric height was computed from unverified reset data.
 AE0074
 AE0074.The geoid height was determined by GEOID09.
 AE0074
 AE0074;                    North         East    Units  Estimated Accuracy
 AE0074;SPC TX S     - 5,100,900.      332,790.      MT  (+/- 180 meters Scaled)
 AE0074
 AE0074                          SUPERSEDED SURVEY CONTROL
 AE0074
 AE0074.No superseded survey control is available for this station.
 AE0074
 AE0074_U.S. NATIONAL GRID SPATIAL ADDRESS: 14RNQ825398(NAD 83)
 AE0074_MARKER: DD = SURVEY DISK
 AE0074_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AE0074_SP_SET: SET IN TOP OF CONCRETE MONUMENT
 AE0074_STAMPING: U 630 RESET 1951
 AE0074_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AE0074+STABILITY: SURFACE MOTION
 AE0074_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AE0074+SATELLITE: SATELLITE OBSERVATIONS - March 13, 2011
 AE0074
 AE0074  HISTORY     - Date     Condition        Report By
 AE0074  HISTORY     - 1951     MONUMENTED       TXHD
 AE0074  HISTORY     - 19920702 MARK NOT FOUND   USPSQD
 AE0074  HISTORY     - 20031001 GOOD             INDIV
 AE0074  HISTORY     - 20110313 GOOD             INDIV
 AE0074
 AE0074                          STATION DESCRIPTION
```

```
AE0074
AE0074'DESCRIBED BY TEXAS HIGHWAY DEPARTMENT 1951
AE0074'2.1 MI W FROM LINN.
AE0074'2.1 MILES WEST ALONG FARM ROAD 1017 FROM THE S. PACIFIC R.R. STATION
AE0074'AT LINN 38 FEET NORTH OF THE CENTERLINE OF THE ROAD AND 4.5 FEET SOUTH
AE0074'OF THE FENCE LINE.  A CONCRETE POST 0.6 FEET SQUARE EXTENDING 0.7 FOOT
AE0074'ABOVE GROUND.  THERE IS A WITNESS POST 3 FT. FROM THE STATION. THIS
AE0074'MARK WAS RESET BY THE TEXAS HIGHWAY DEPARTMENT.
AE0074
AE0074                          STATION RECOVERY (1992)
AE0074
AE0074'RECOVERY NOTE BY US POWER SQUADRON 1992
AE0074'MARK NOT FOUND.
AE0074
AE0074                          STATION RECOVERY (2003)
AE0074
AE0074'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2003 (CDW)
AE0074'RECOVERED AS DESCRIBED
AE0074
AE0074                          STATION RECOVERY (2011)
AE0074
AE0074'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2011 (JTH)
AE0074'FROM THE INTERSECTION OF HWY 281S AND F.M.1017 IN LINN GO  WEST ON FM
AE0074'1017 FOR 3.4 MILES TO THE STATION ON THE RIGHT. THE STATION IS 0.7
AE0074'FOOT ABOVE THE GROUND, 1.5 FT SOUTH OF A FENCE AND 4 FT WEST OF A
AE0074'POWER POLE

*** retrieval complete.
Elapsed Time = 00:00:00
```

TIE TO CONTROL USED IN HIDALGO Co.

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE V
START 7:26a
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO. CR
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.227

1587

OBSTRUCTIONS: tree NE

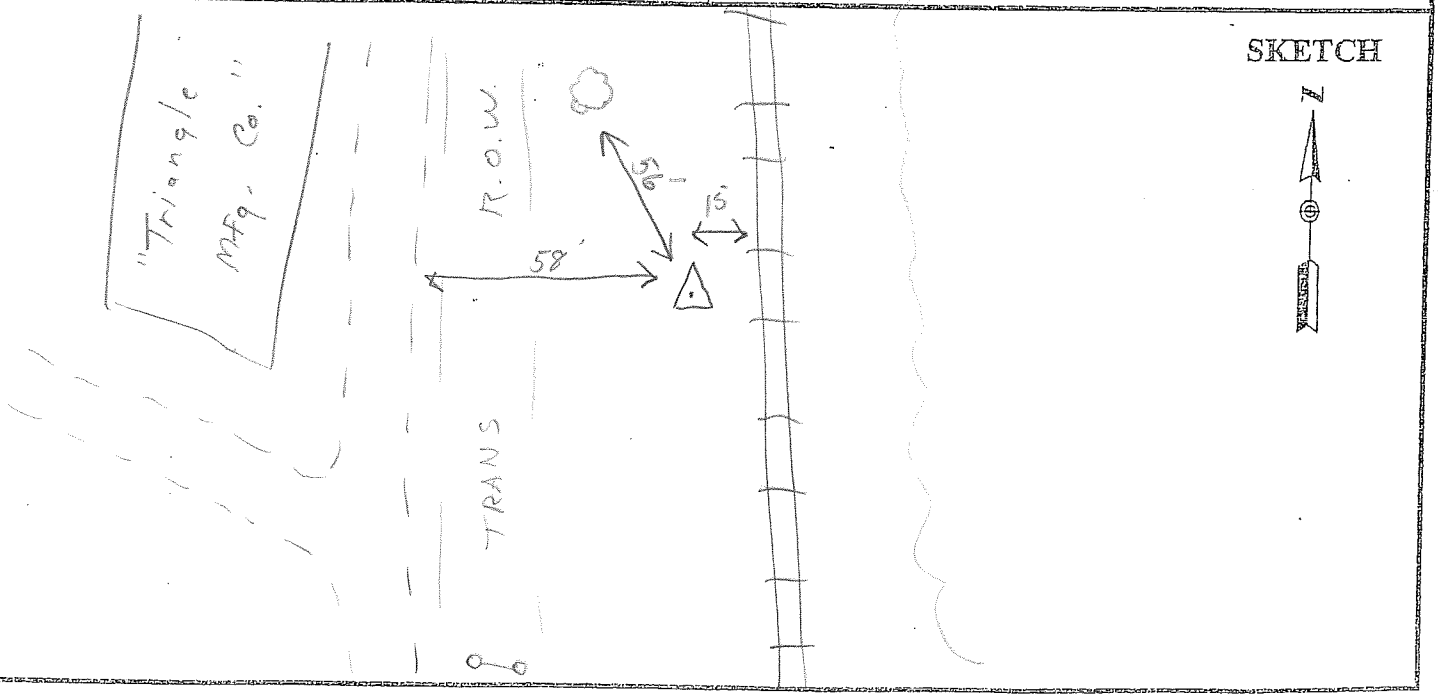
STATION DESCRIPTIONS set 6" nail
±15' W. of W. rail; ±56' SSE
of lone tree; 58' E. of ℄
two track N/S

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 826 | 3.0 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
27° 17' 35.5"
97° 45' 49.4"
Orphange Rd. exit from Rte. 77

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:07 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.333
1.693

STATION DESCRIPTIONS set 6" nail ± 3' S of hydrant; ± 9' NNE of parking lot corner and ± 17' SE of NE parking lot corner

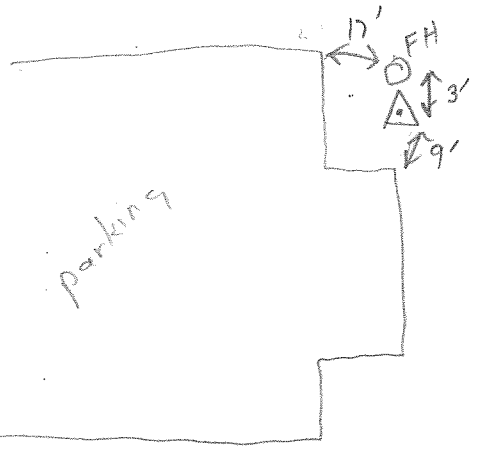
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 907 | 3.1 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
TIE TO CONTROL USED IN HIDALGO Co
26° 28' 17.6"
97° 45' 42.3"

SKETCH

Sheriffs Office + Jail






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √pt

PROJECT I-101205/ Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 1
SITE NAME X 201

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:46 a.
STOP 9:41 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 7381
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.403
1.763

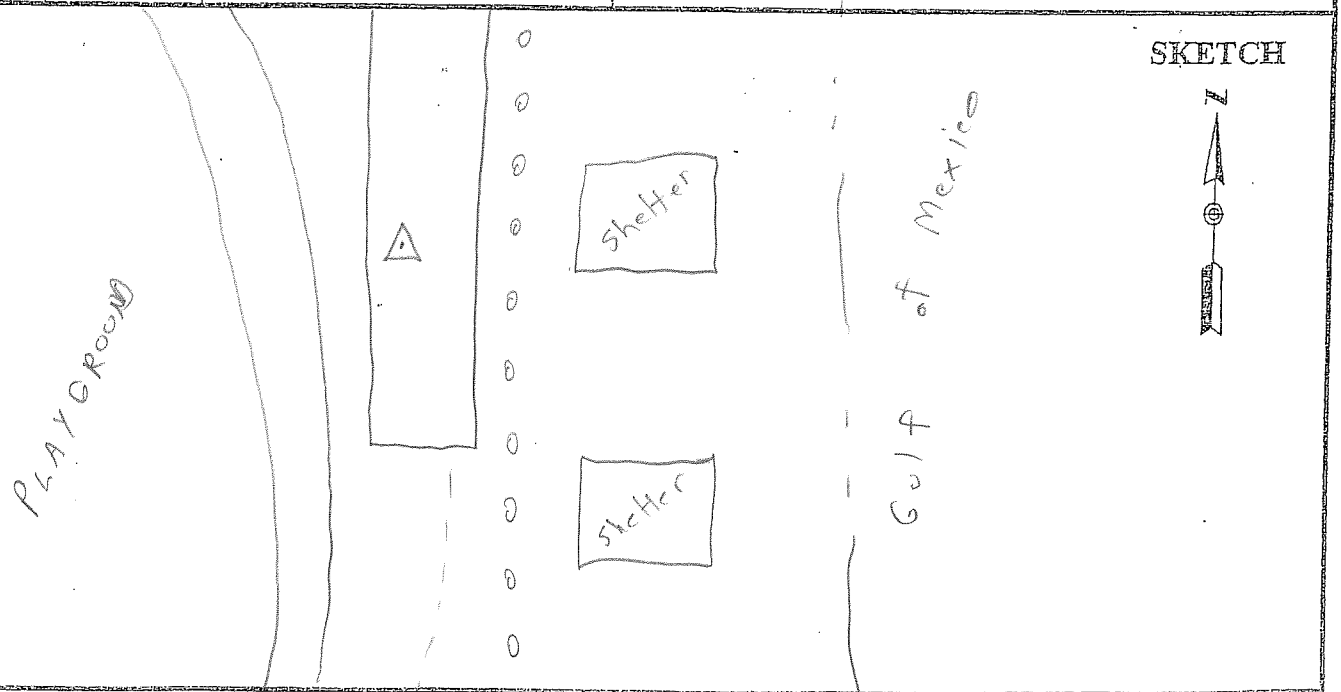
STATION DESCRIPTIONS on conc. area

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 946 | 2.4 | 7/7 |
| 1041 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR NB
DATE 1.29.11

SITE NUMBER 2
SITE NAME ~~2~~ 202

TRACKING TIMES (LOCAL) MEASURE V
START 9:59 a.
STOP 10:54 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.390
1.750

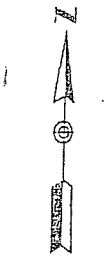
STATION DESCRIPTIONS in flat area

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1059 | 1.8 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VDT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 3
SITE NAME 3 203

TRACKING TIMES (LOCAL) MEASURE V
START 11:16 a
STOP 12:06 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.250
1.610

OBSTRUCTIONS: none

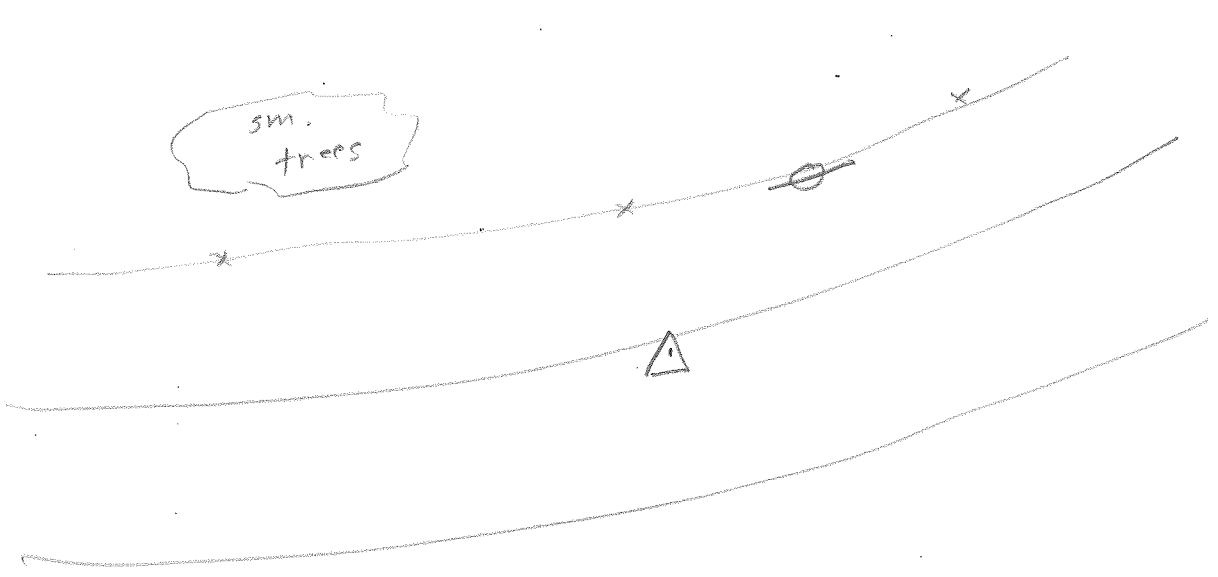
STATION DESCRIPTIONS N. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1216 | 2.9 | 8/8 |
| 1306 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 4
SITE NAME 4 204

TRACKING TIMES (LOCAL) MEASURE √
START 12:14 p
STOP 1:00 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.267

STATION DESCRIPTIONS N. shoulder

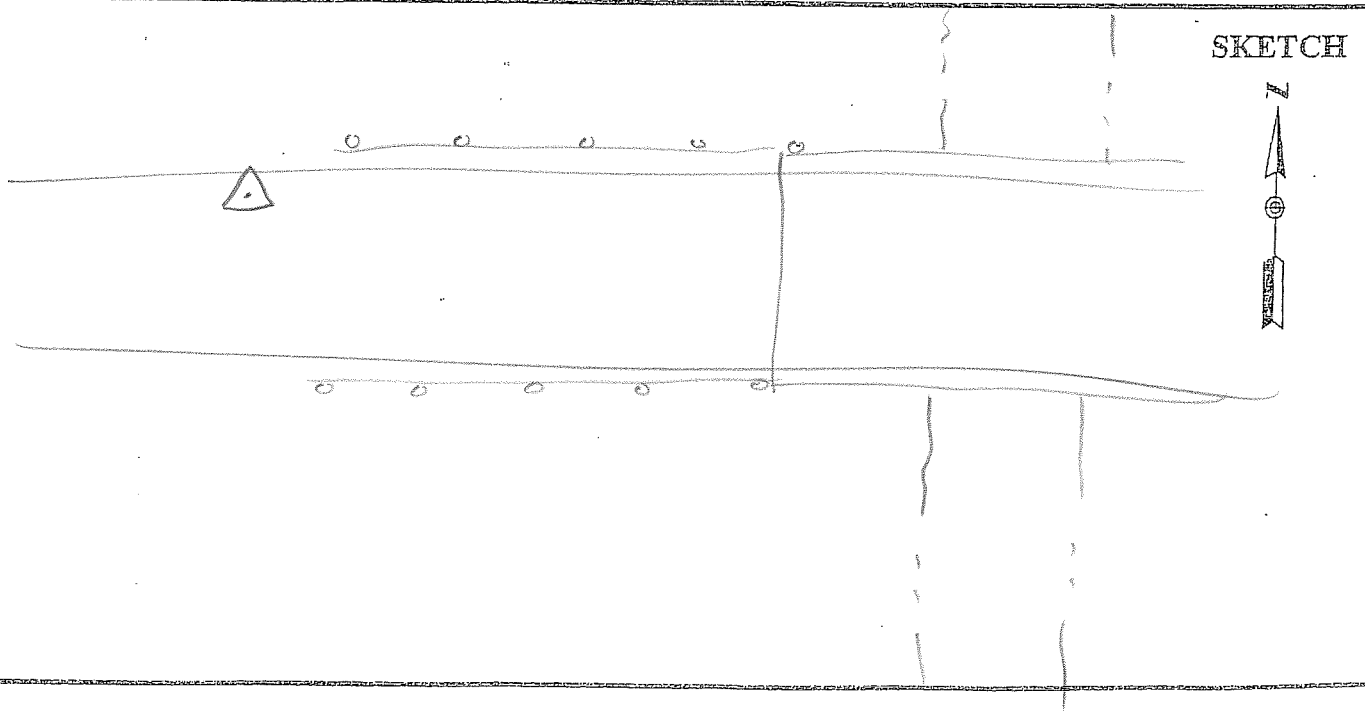
1587

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1314 | 2.0 | 8/8 |
| 1400 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 5
SITE NAME ~~5~~ 205

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:05 p
STOP 1:47 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.245
1.605

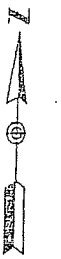
STATION DESCRIPTIONS N. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1405 | 2.1 | 8/8 |
| 1447 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.29.11

SITE NUMBER 6
SITE NAME ~~6~~ 206

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:54 p
STOP 2:32 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.240

STATION DESCRIPTIONS N. side road @ W. side drive

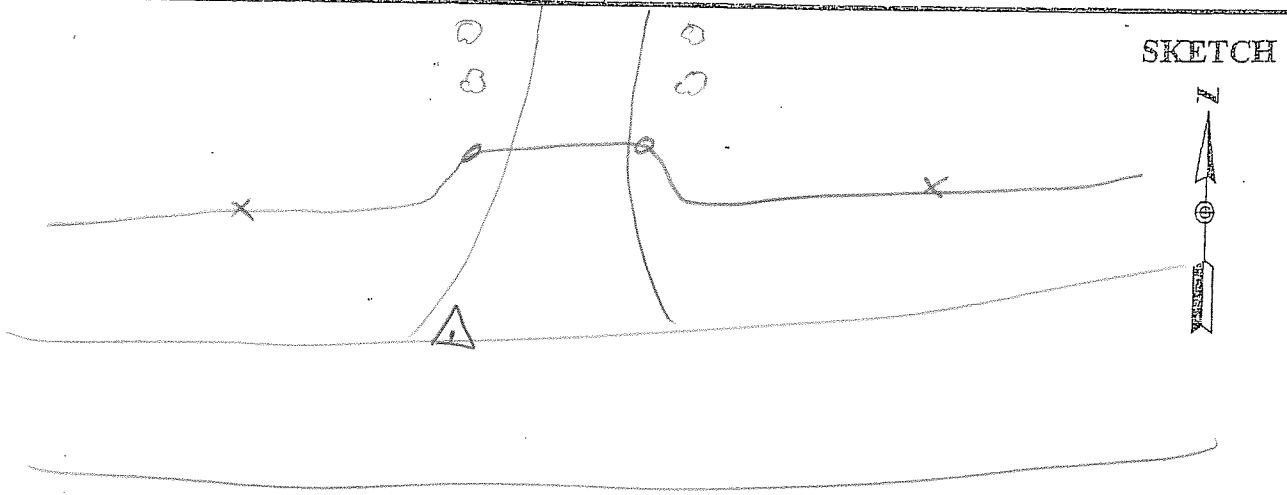
1.600

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1454 | 2.0 | 9/9 |
| 1532 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205 / Willacy
OPERATOR MG
DATE 1.29.11

SITE NUMBER 7
SITE NAME X 207

TRACKING TIMES (LOCAL) MEASURE K
START 2:36 p
STOP 3:11 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.269

STATION DESCRIPTIONS W corner of road intersection

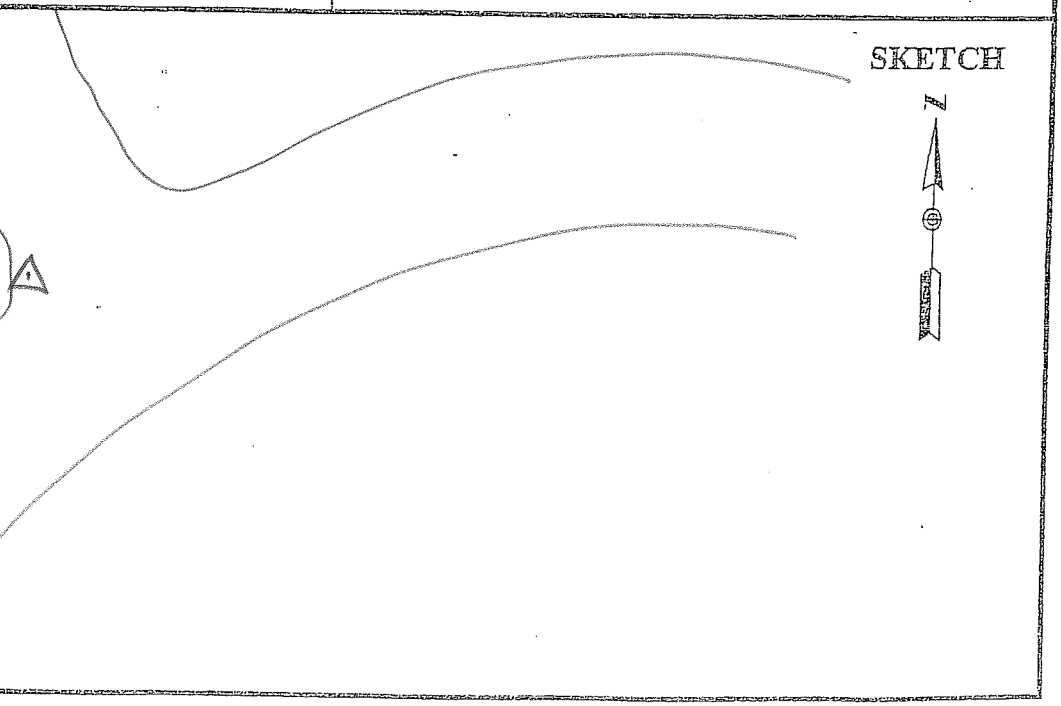
1629

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1536 | 3.6 | 9/9 |
| 1611 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE _____
START 9:16 a.
STOP _____

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO. CB
CONTROLLER NO. _____
SENSOR NO. _____

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: _____

HEIGHT READINGS MTS FT
1.259 _____

STATION DESCRIPTIONS _____

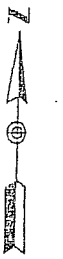
1619

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1016 | 4.0 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-10 1205 / Willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:37 a
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 704
BATTERY NO. C13
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.112

1.472

STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1037 | 2.5 | 6/6 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

CONTROL

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2·2·2011

SITE NUMBER 1
SITE NAME N1408

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:56 a.
STOP 10:26 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1,161
1521

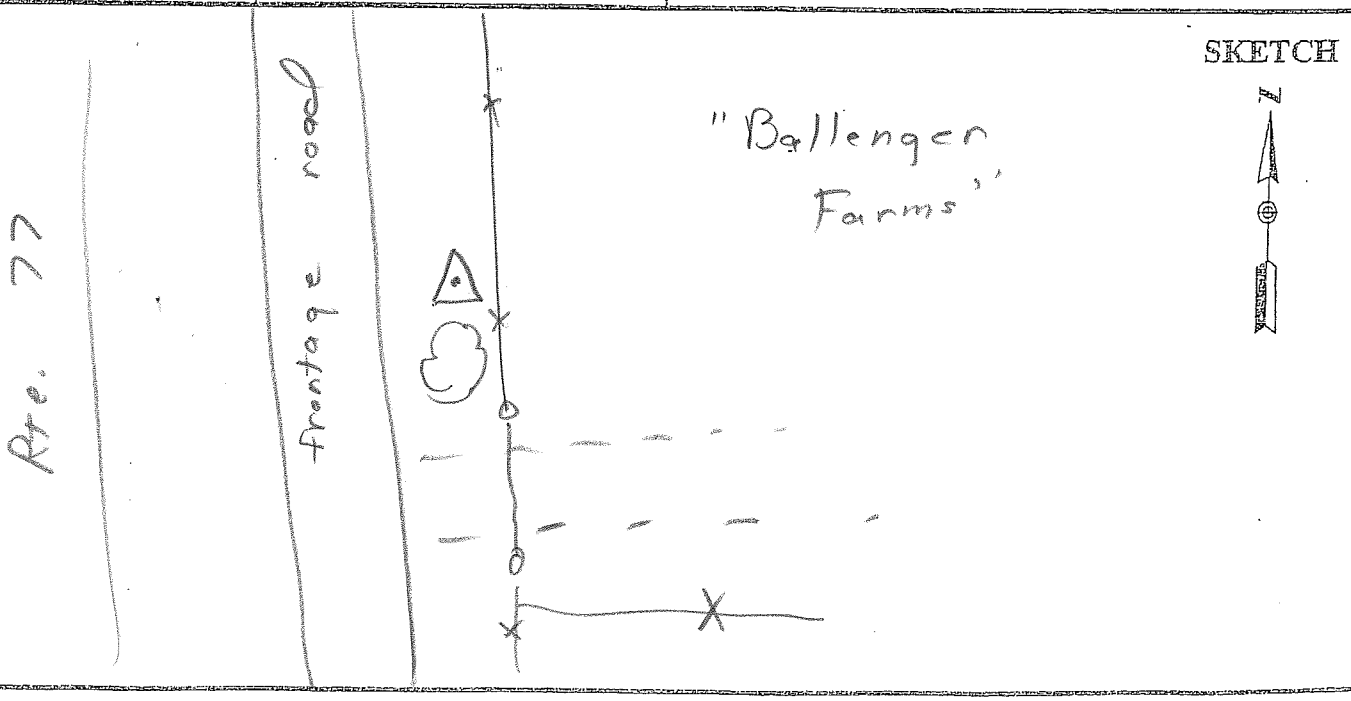
STATION DESCRIPTIONS tree above
"N 1408 1991"

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1056 | 4.6 | 5/5 |
| 1126 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2·2·11

SITE NUMBER 2
SITE NAME ~~16~~ 216

TRACKING TIMES (LOCAL) MEASURE V
START 10:42 a.
STOP 11:06 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.218
1.578

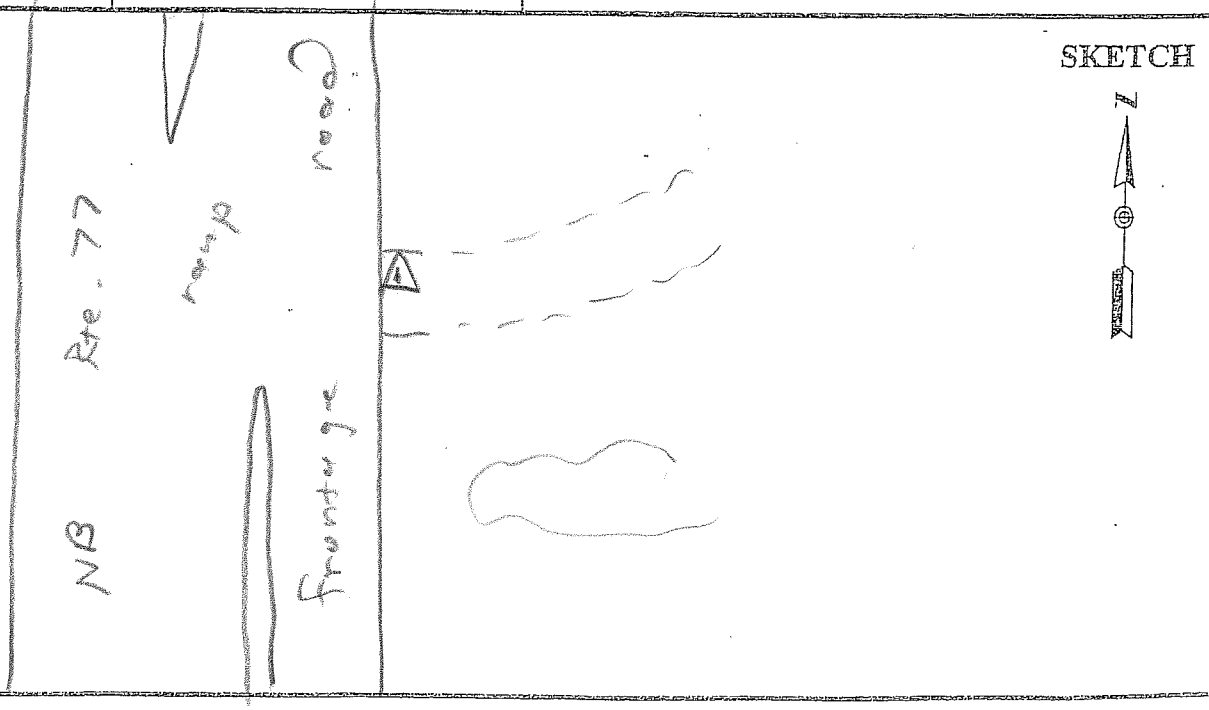
STATION DESCRIPTIONS E. side road in Drive

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1142 | 2.6 | 9/9 |
| 1206 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

/PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 3
SITE NAME 17 217

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:15a.
STOP 11:40a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.264

STATION DESCRIPTIONS N. shoulder

1624

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1215 | 2.2 | 9/9 |
| 1240 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1-30-11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:18 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
~~500~~ 0.360

HEIGHT READINGS MTS FT
1.180
1.540

OBSTRUCTIONS:

STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 818 | 2.3 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR NM
DATE 1.30.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:32 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.292

1.652

OBSTRUCTIONS:

STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 832 | 2.7 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 CONTROL

PROJECT 1-101205 / Willacy
OPERATOR MG
DATE 1.30.11

SITE NUMBER 1
SITE NAME B 1408

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:51 a.
STOP 8:26 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: trees SW ↔ NW

HEIGHT READINGS MTS FT
1.386
1.746

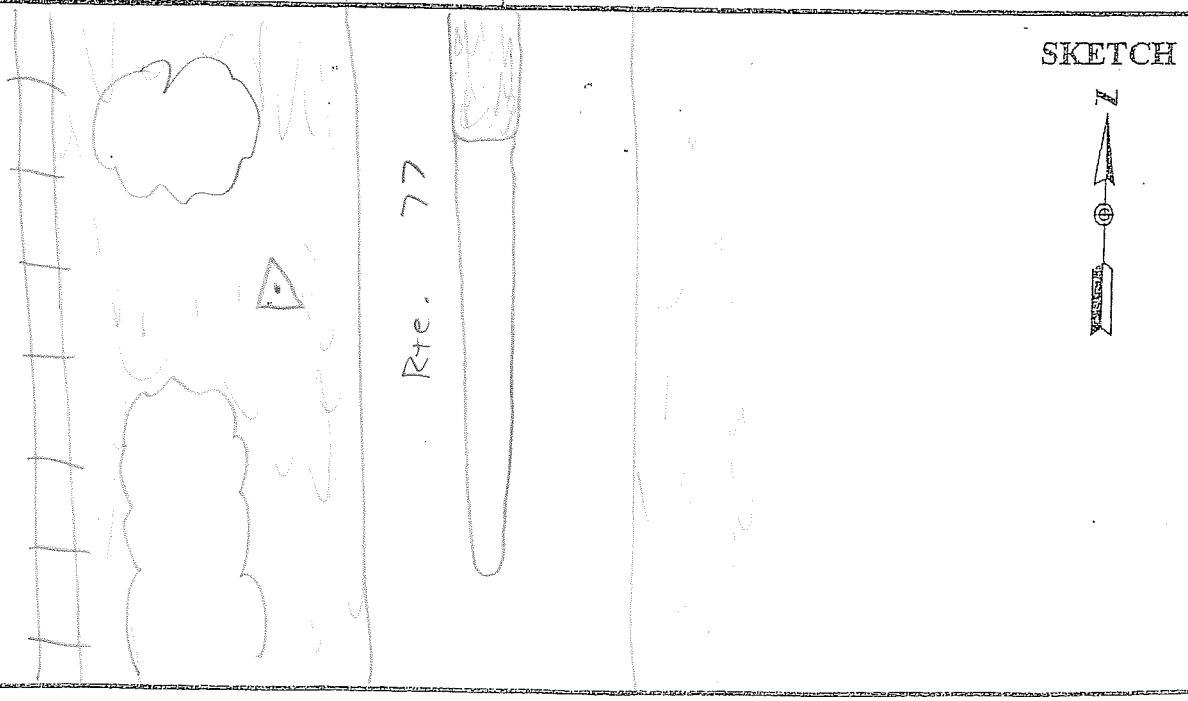
STATION DESCRIPTIONS pin in handhole

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 851 | 2.5 | 7/7 |
| 926 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 CONTROL

PROJECT 1-101205/Willacy
OPERATOR NG
DATE 1.30.11

SITE NUMBER 1
SITE NAME B 1408

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:51 a.
STOP 8:26 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: trees SW ↔ NW

HEIGHT READINGS MTS FT
1.386

STATION DESCRIPTIONS pin in handhole

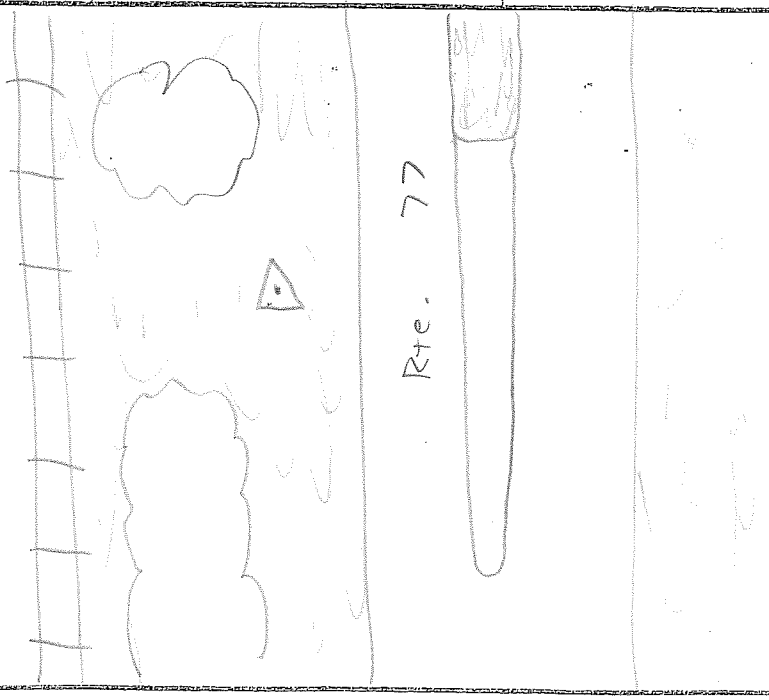
1746

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 851 | 2.5 | 7/7 |
| 926 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 2
SITE NAME 8 208

TRACKING TIMES (LOCAL) MEASURE V
START 8:32 a.
STOP 9:20 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: None

HEIGHT READINGS MTS FT
1.333
1.693

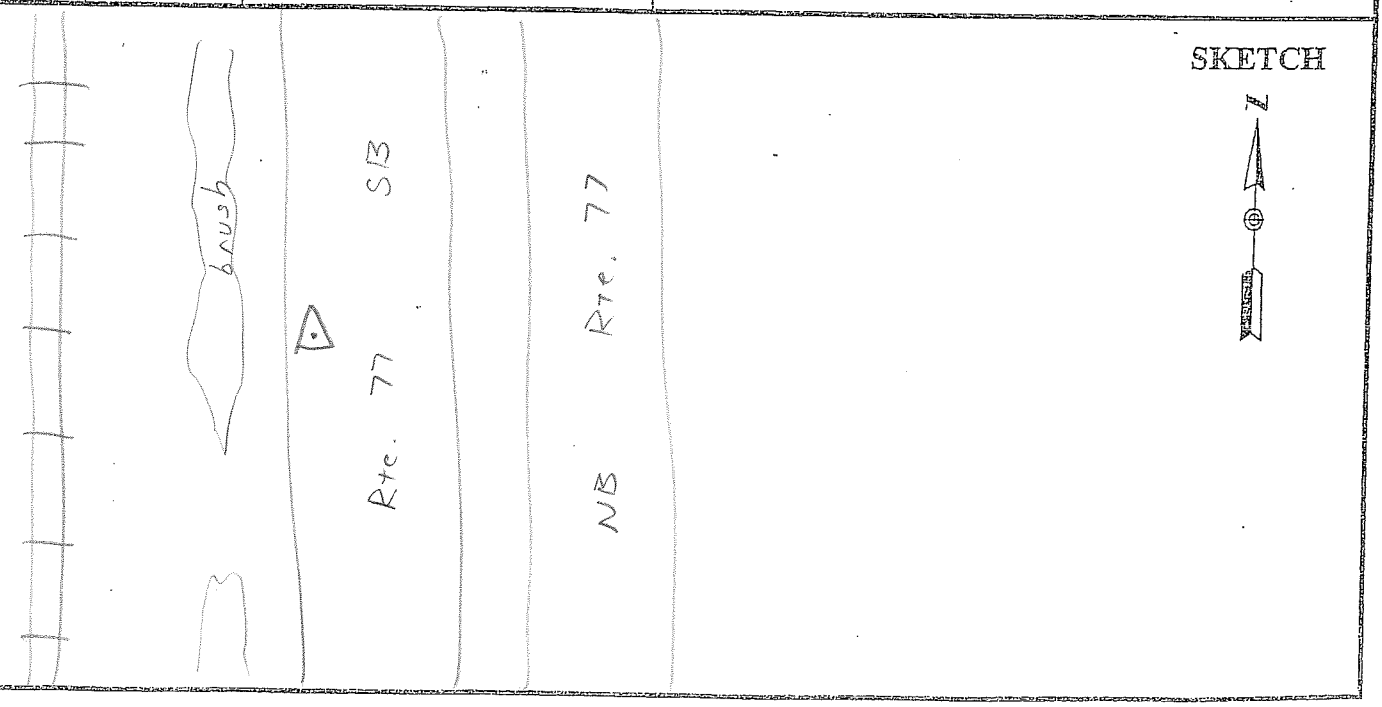
STATION DESCRIPTIONS W. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 937 | 2.4 | 8/9 |
| 1020 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 3
SITE NAME ~~9~~ 209

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:30a.
STOP 10:10a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.438
1.798

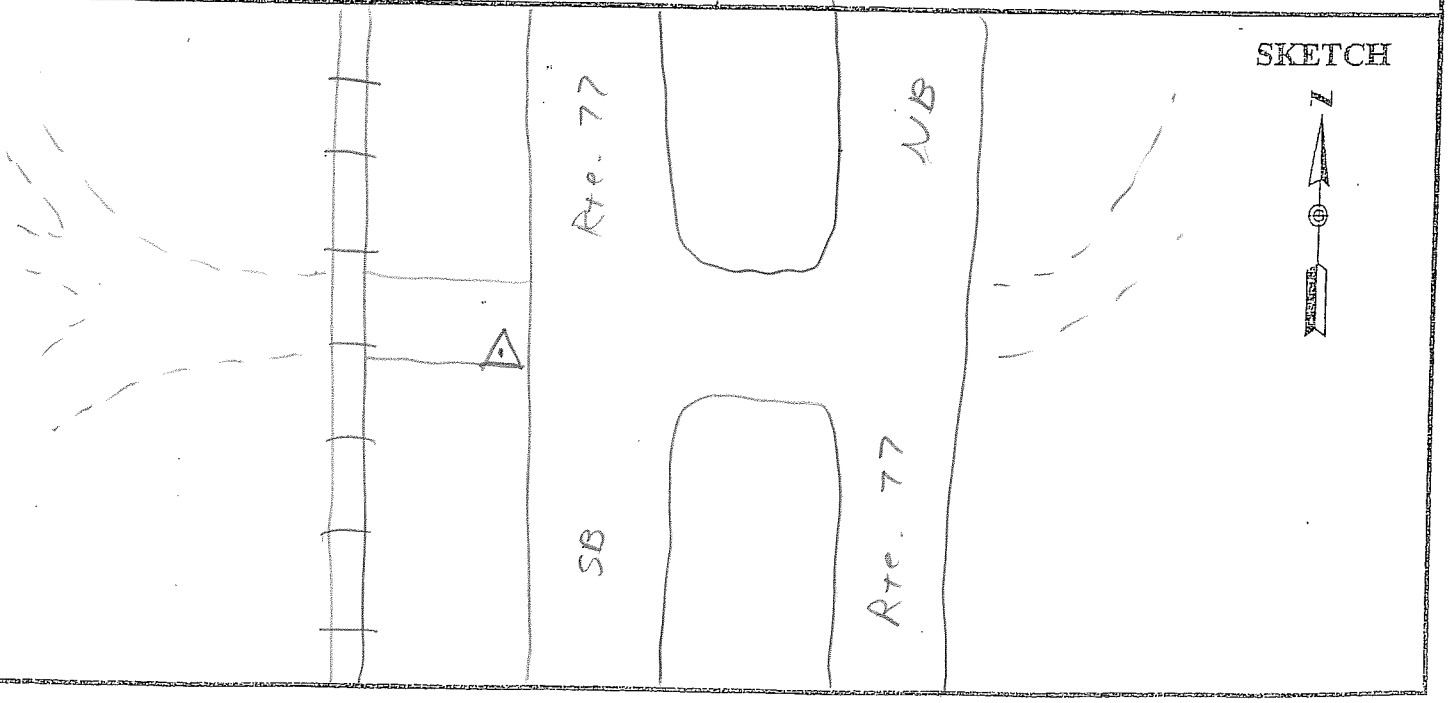
STATION DESCRIPTIONS ~~north side~~
south side Drive

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1030 | 1.9 | 8/8 |
| 1110 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VDT

PROJECT I-101205 / Willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 4
SITE NAME ~~10~~ 210

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:15 a.
STOP 10:51 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.312
1.672

OBSTRUCTIONS: none

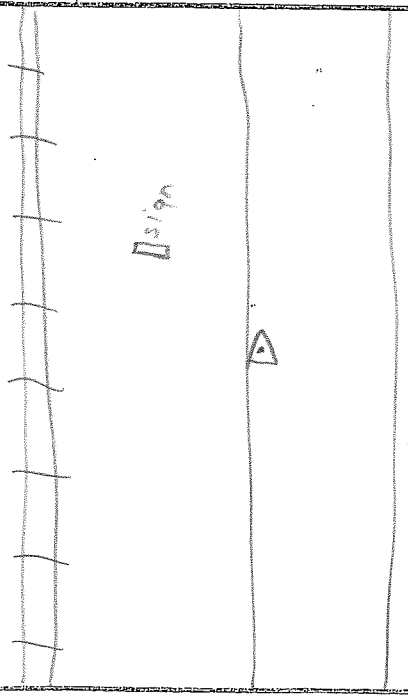
STATION DESCRIPTIONS W. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1115 | 3.0 | 9/9 |
| 1151 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 1·30·11

SITE NUMBER 5
SITE NAME TX. 211

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:10 a.
STOP 11:47 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: tree NE

HEIGHT READINGS MTS FT
1.358
1.718

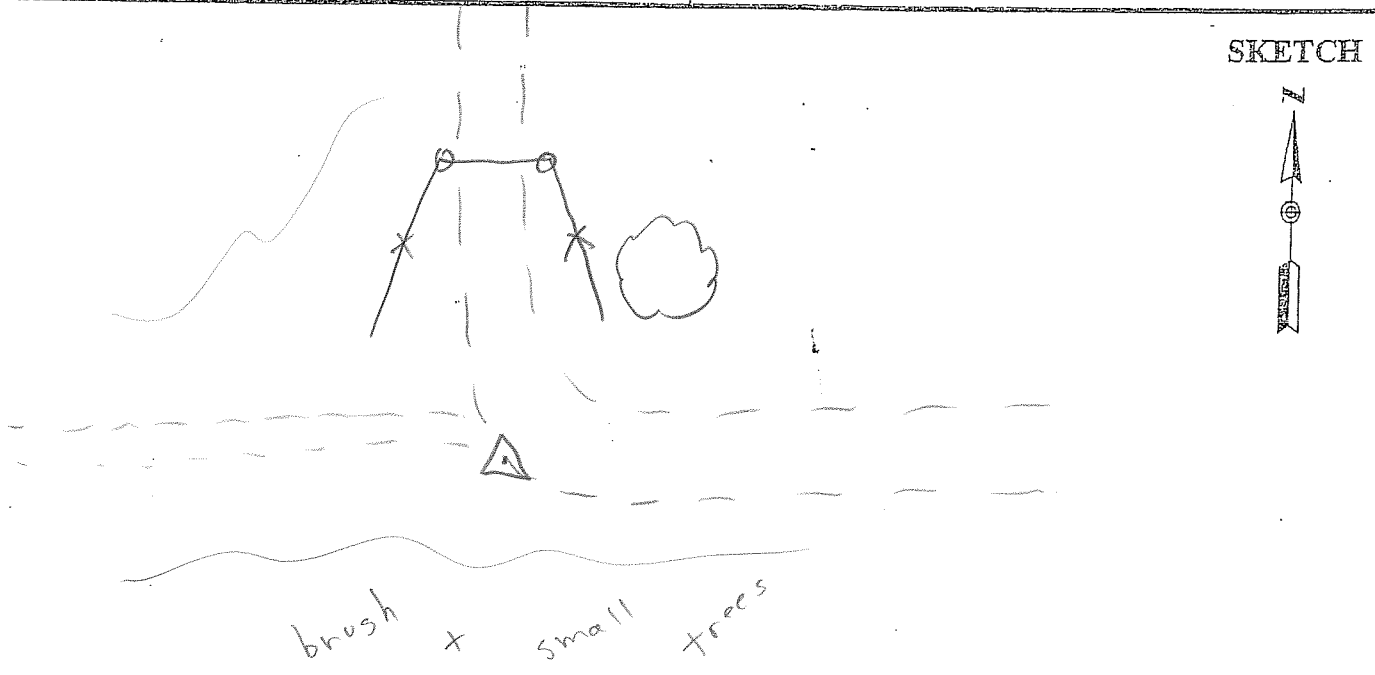
STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1210 | 2.9 | 9/9 |
| 1247 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 6
SITE NAME 12, 212

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:56 a.
STOP 12:31 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.370
1.730

OBSTRUCTIONS: none

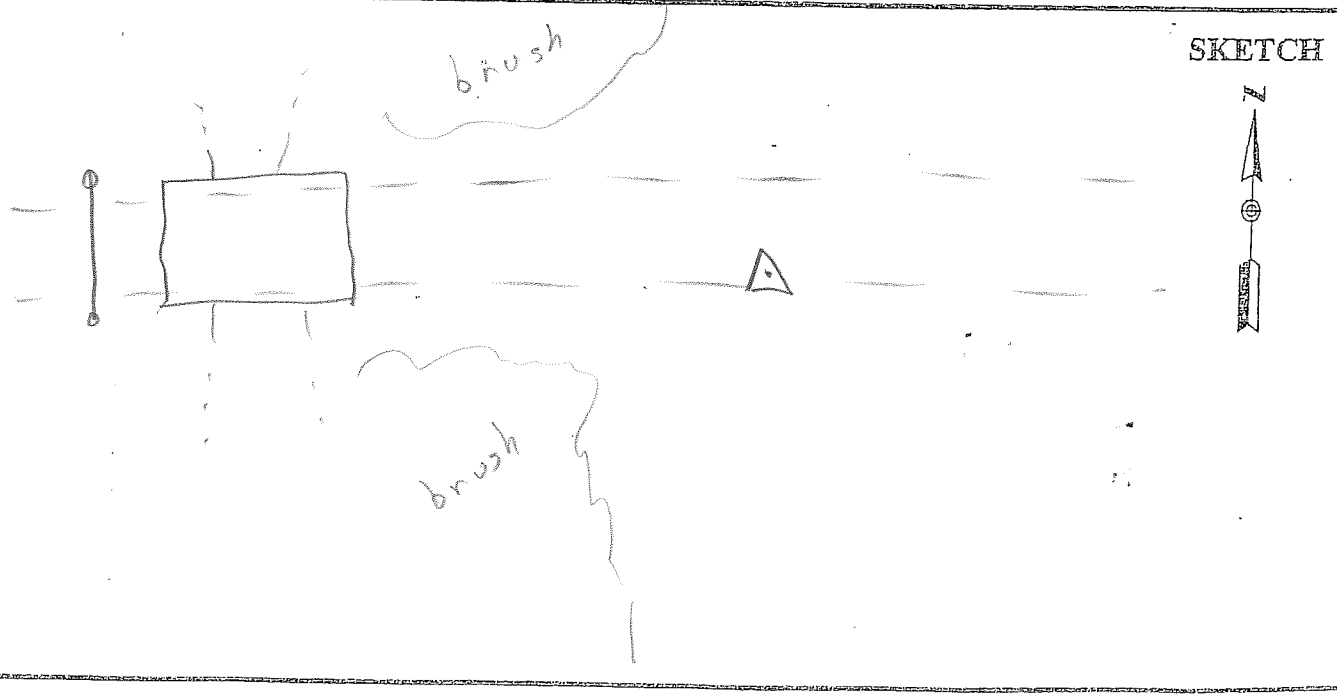
STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1256 | 2.2 | 6/7 |
| 1331 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 7
SITE NAME ~~13~~ 213

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:48 p
STOP 1:22 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.385

STATION DESCRIPTIONS E. side road

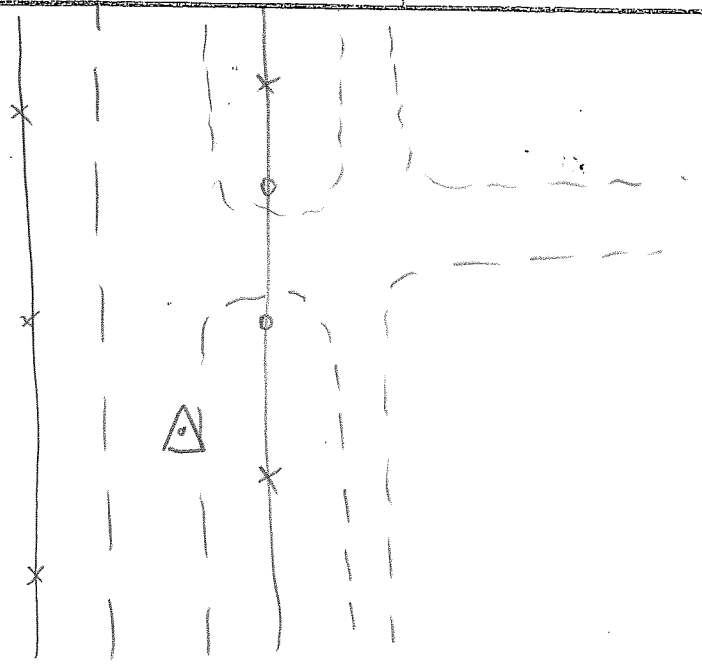
1745

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1348 | 1.7 | 9/9 |
| 1422 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓DT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 1.30.11

SITE NUMBER 8
SITE NAME TH 214

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:41 p
STOP 2:22 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.353
1.713

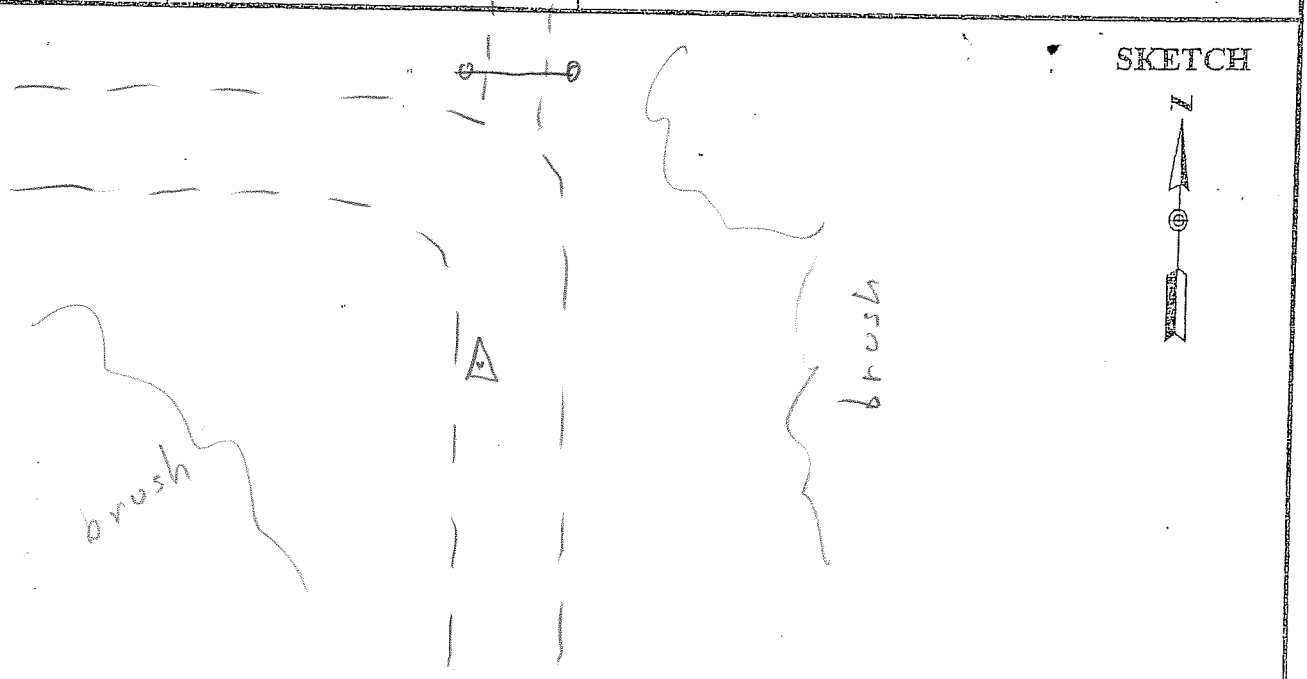
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1441 | 3.7 | 6/6 |
| 1522 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/Willacy
OPERATOR NB
DATE 1.30.11

SITE NUMBER 9
SITE NAME ~~15~~ 215

TRACKING TIMES (LOCAL) MEASURE ✓
START 2:32 p
STOP 3:12 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.377
1737

STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1532 | 2.1 | 10/10 |
| 1612 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

✓ PT

PROJECT 1-101205/willacy
OPERATOR MG
DATE 2·2·11

SITE NUMBER 4
SITE NAME ~~18~~ 218

TRACKING TIMES (LOCAL) MEASURE V
START 11:46 a
STOP 12:10 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
(500) ~~0.360~~

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.318
1.678

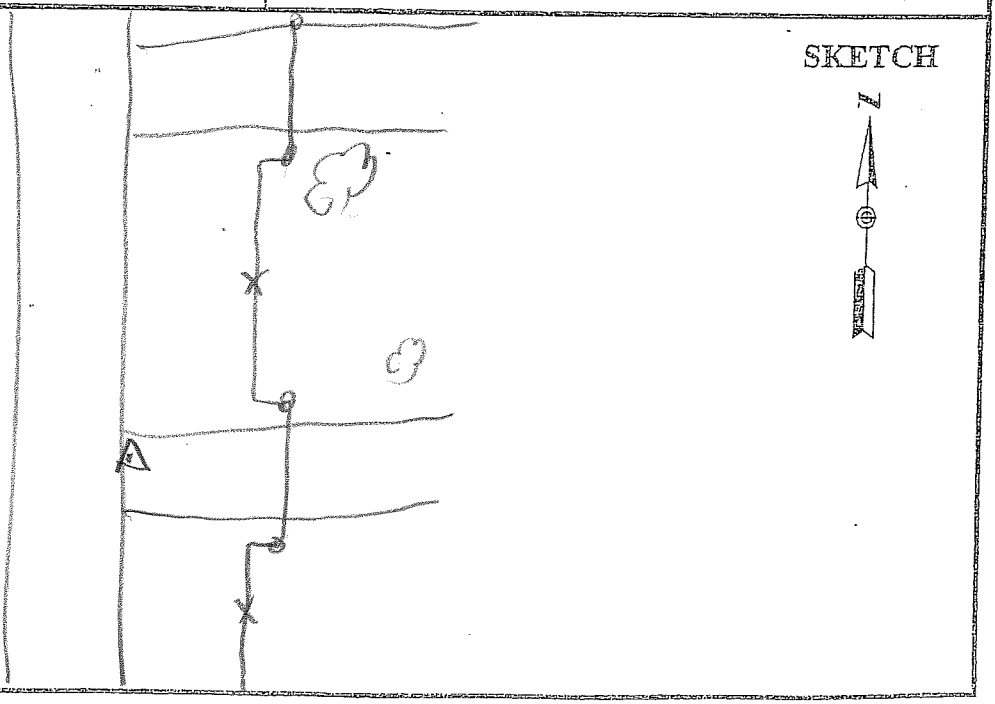
STATION DESCRIPTIONS E. side road
in Drive 1
1

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1246 | 2.4 | 8/8 |
| 1310 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.2.11

SITE NUMBER 5
SITE NAME 19 219

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:25 p
STOP 12:48 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 232
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.318
1.678

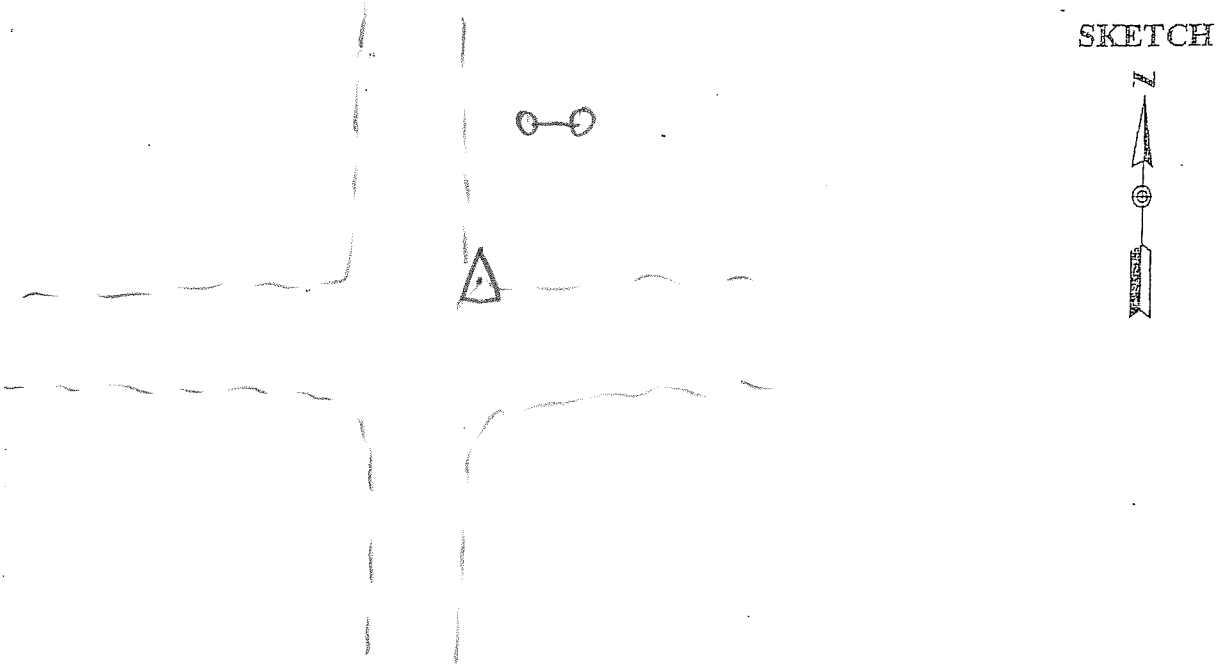
STATION DESCRIPTIONS NE corner of intersection

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1325 | 1.3 | 9/9 |
| 1348 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 6
SITE NAME ~~XQ~~ 220

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:56 p
STOP 1:17 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 232
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
~~500~~ 0.360

OBSTRUCTIONS: tree S.

HEIGHT READINGS MTS FT
1.397

STATION DESCRIPTIONS in road S.

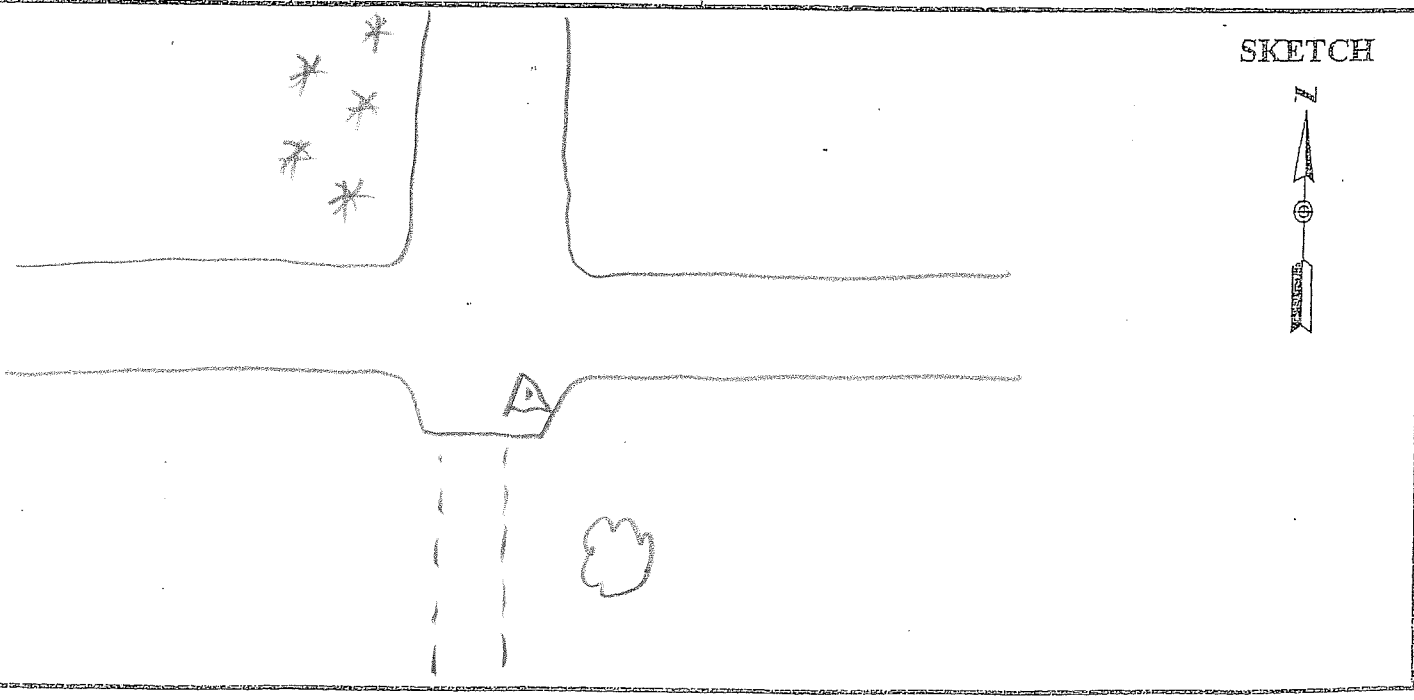
1757

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1356 | 3.4 | 6/6 |
| 1417 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 7
SITE NAME ~~71~~ 221

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:28 p
STOP 1:55 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.307
1.667

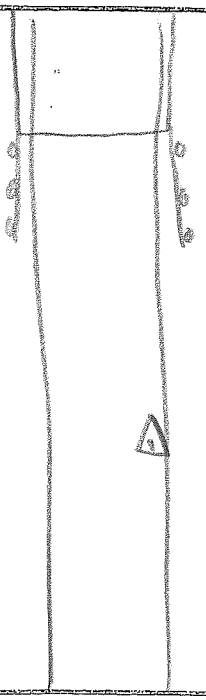
STATION DESCRIPTIONS E. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1428 | 3.6 | 10/10 |
| 1455 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 8
SITE NAME ~~22~~ 222

TRACKING TIMES (LOCAL) MEASURE V
START 2:00 p
STOP 2:22 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: tower SE

HEIGHT READINGS MTS FT
1.389

STATION DESCRIPTIONS in Drive E.

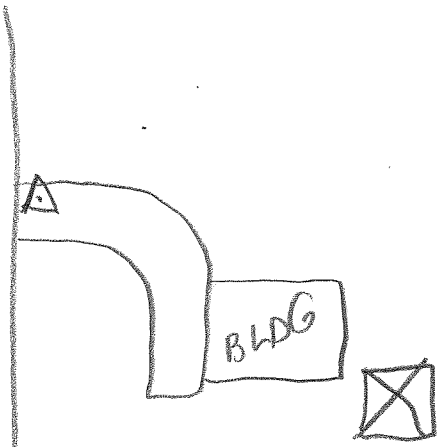
1749

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1500 | 2.2 | 10/10 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.2.11

SITE NUMBER 9
SITE NAME ~~23~~ 223

TRACKING TIMES (LOCAL) MEASURE V
START 2:31 p
STOP 2:51 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.361

STATION DESCRIPTIONS N. side road

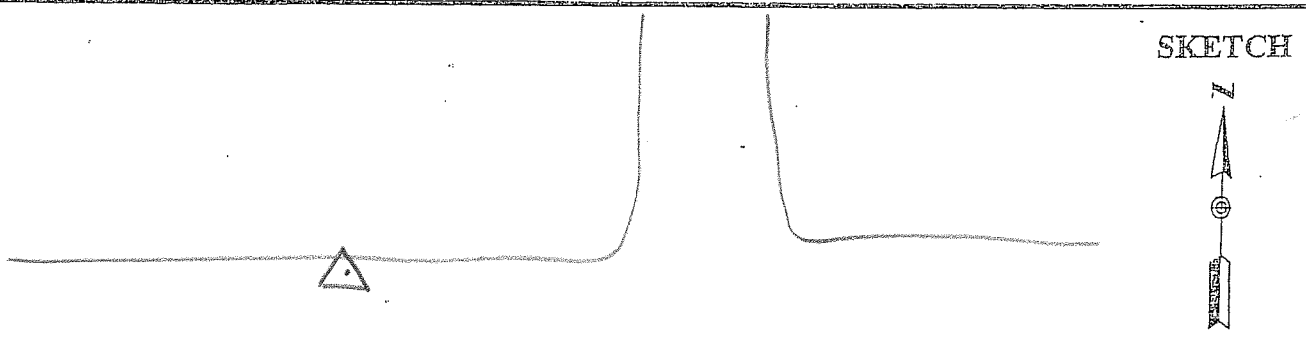
1721

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1531 | 2.6 | 8/10 |
| 1551 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/Willacy
OPERATOR MG
DATE 2-2-11

SITE NUMBER 10
SITE NAME ~~24~~ 224

TRACKING TIMES (LOCAL) MEASURE ✓
START 3:00 p
STOP 3:20 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.326

STATION DESCRIPTIONS NW corner of intersection

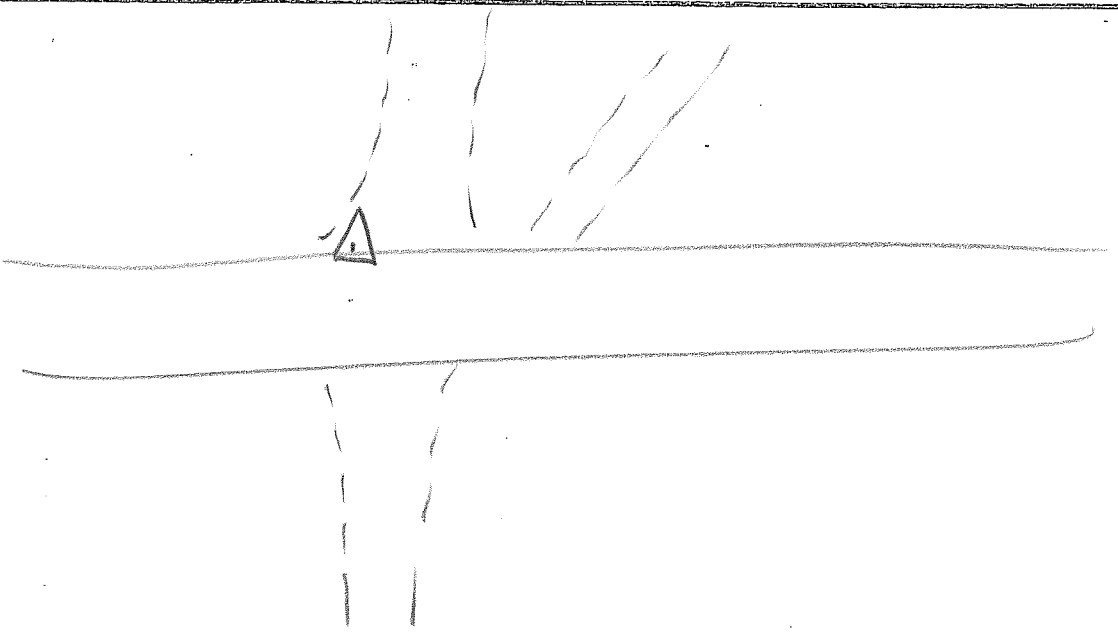
1686

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1600 | 7.0 | 6/6 |
| 1620 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR MG
DATE 2.3.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 6:58a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.112
1.972

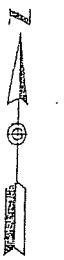
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 758 | 2.5 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see
Previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base /pt

PROJECT 1-101205 / Willow
OPERATOR MB
DATE 2.3.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:17a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.257

STATION DESCRIPTIONS

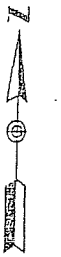
1617

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 817 | 4.9 | 8/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

Base √PT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.3.11

SITE NUMBER 1
SITE NAME 1003

TRACKING TIMES (LOCAL) MEASURE √
START 8:10 a.
STOP 9:02 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.292

STATION DESCRIPTIONS among brush
6" nail

1652

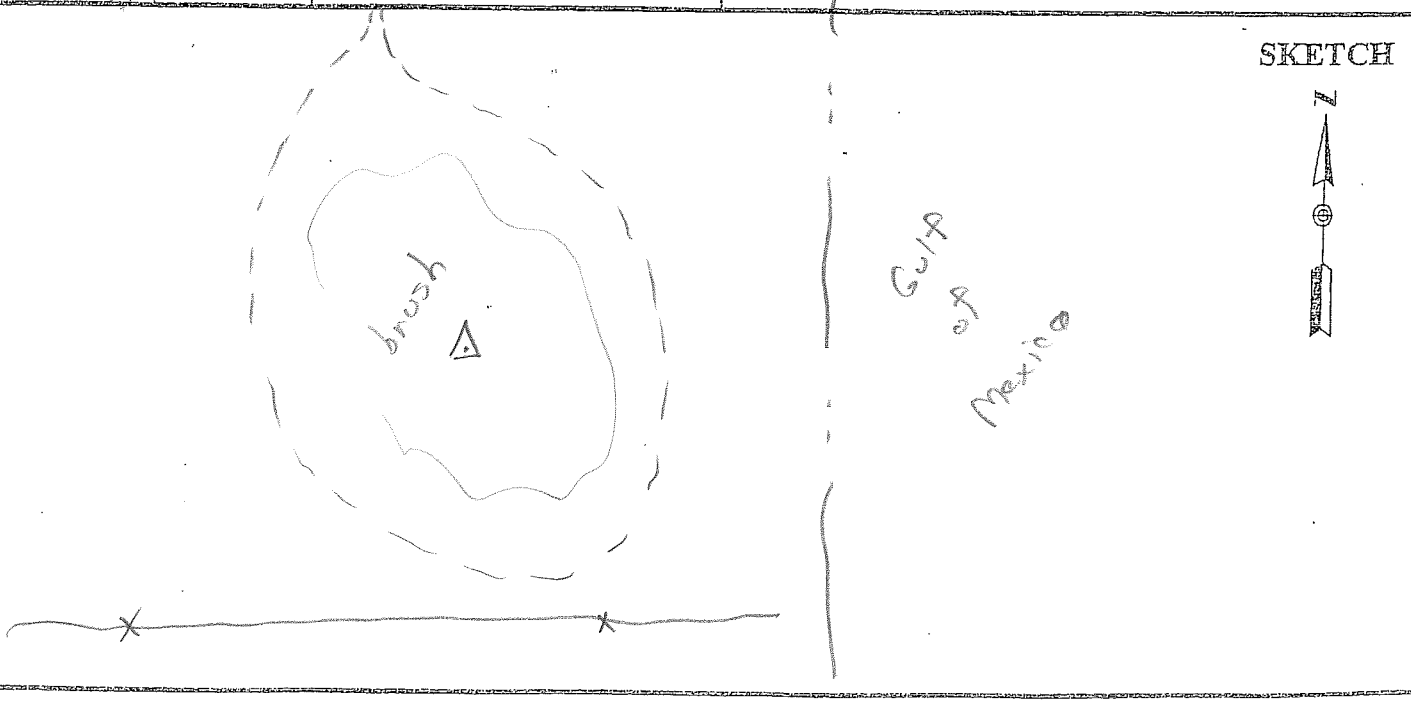
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 910 | 1.8 | 9/9 |
| 1002 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

26° 32' 17.2"
97° 25' 15.1"

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base VRT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.3.11

SITE NUMBER 1
SITE NAME 1003

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:10 a.
STOP 9:02 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.292

STATION DESCRIPTIONS among brush
6" nail

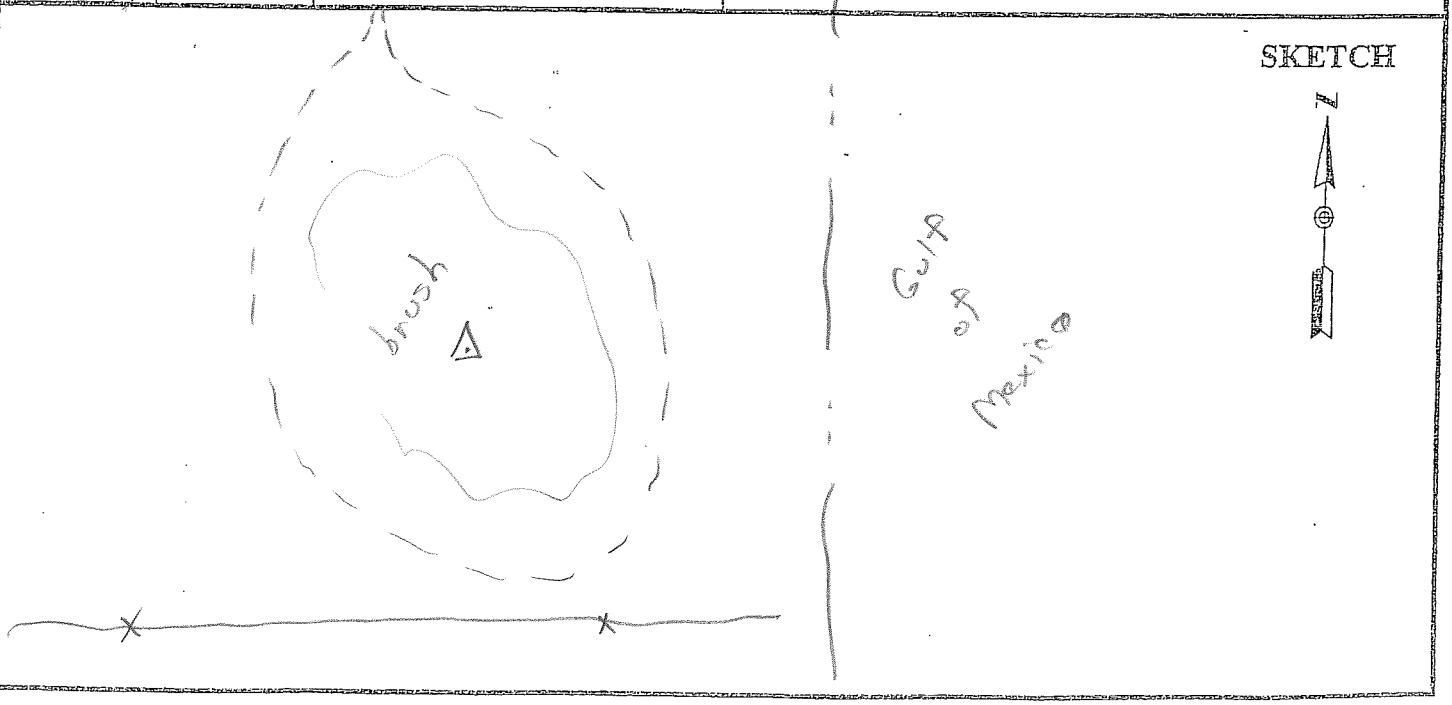
1652

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 910 | 1.8 | 9/9 |
| 1002 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
26° 32' 17.2"
97° 25' 15.1"

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base ✓PT

PROJECT 1-161205/Willacy
OPERATOR NB
DATE 2.3.11

SITE NUMBER 2
SITE NAME 1004

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:08 a
STOP 11:00 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.320
1.680

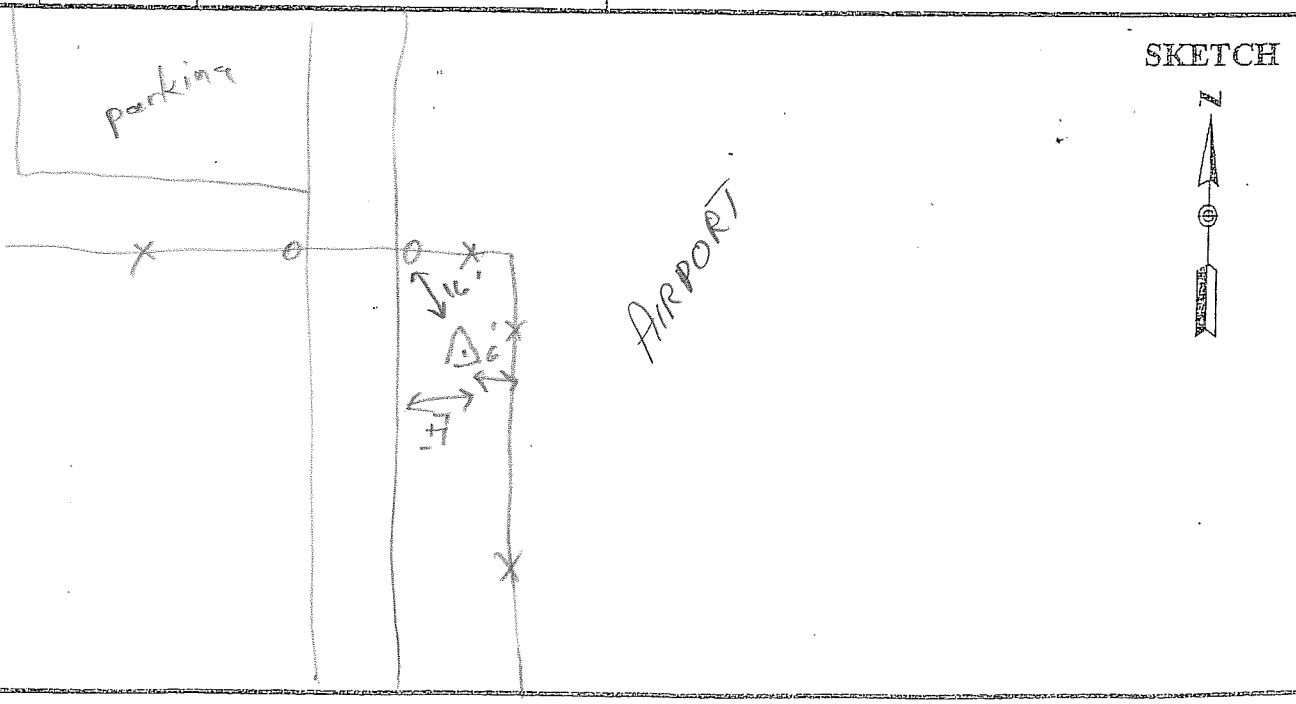
STATION DESCRIPTIONS set 6" nail ±16' SSE of E. gate post; ±6' W. of N/S fence and ±7' E of ~~E~~ E. edge driveway

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1108 | 3.2 | 7/7 |
| 1200 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
26° 33' 24.0"
97° 26' 09.5"

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2·3·11

SITE NUMBER 3
SITE NAME ~~25~~ 225

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:22a.
STOP 11:57a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.318
1.678

STATION DESCRIPTIONS in gravel, E side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1222 | 2.2 | 8/8 |
| 1257 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2-3-11

SITE NUMBER 4
SITE NAME ~~26~~ 226

TRACKING TIMES (LOCAL) MEASURE √
START 12:05 p
STOP 12:39 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.345
1.705

OBSTRUCTIONS: none

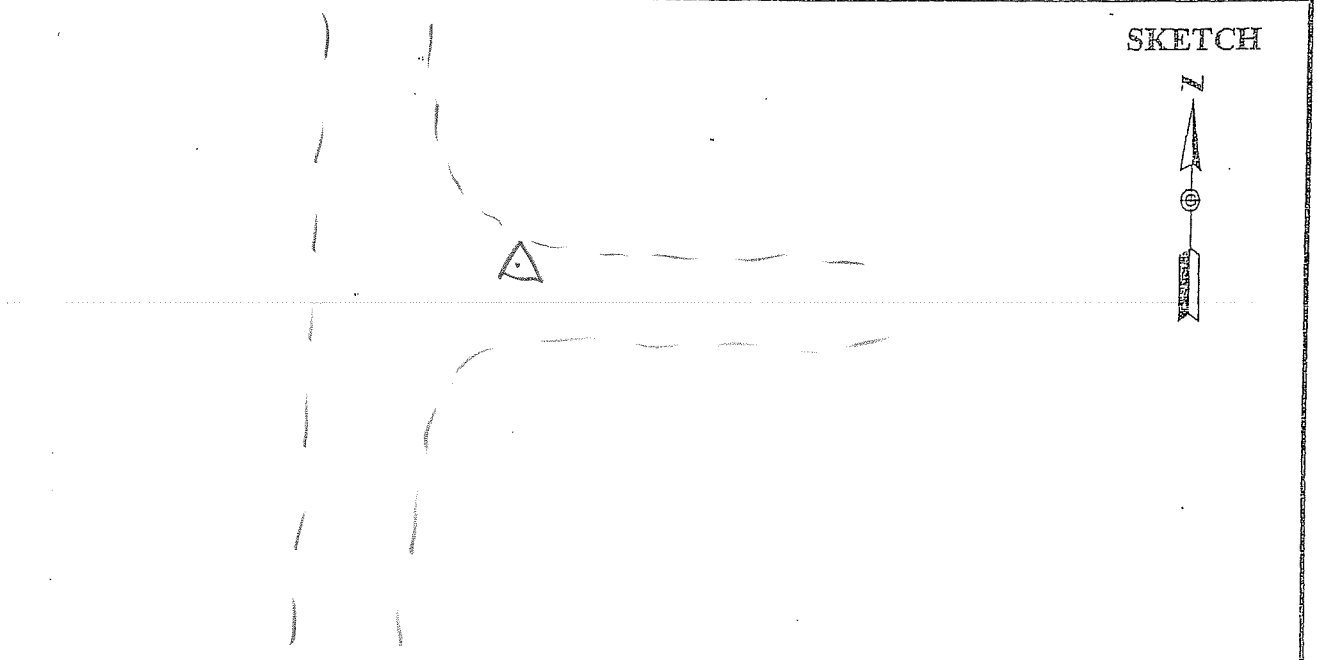
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1305 | 2.5 | 8/9 |
| 1339 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MG
DATE 2.3.11

SITE NUMBER 5
SITE NAME ~~27~~ 227

TRACKING TIMES (LOCAL) MEASURE V
START 12:50 p
STOP 1:22 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.386
1.796

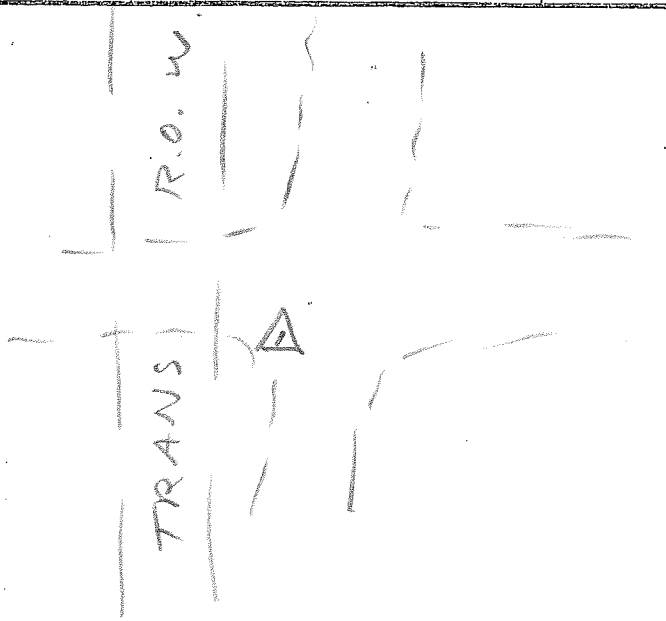
STATION DESCRIPTIONS SW corner of intersection

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1350 | 2.1 | 8/8 |
| 1422 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VPT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.3.11

SITE NUMBER 6
SITE NAME 28 228

TRACKING TIMES (LOCAL) MEASURE _____
START 1:33 p
STOP 2:06 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

HEIGHT READINGS MTS FT
1-270 1.630

OBSTRUCTIONS: none

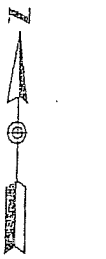
STATION DESCRIPTIONS SW corner of intersection

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1433 | 4.0 | 4/4 |
| 1506 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2-3-11

SITE NUMBER 7
SITE NAME ~~29~~ 229

TRACKING TIMES (LOCAL) MEASURE √
START 2:24 p
STOP 2:51 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.317
1.677

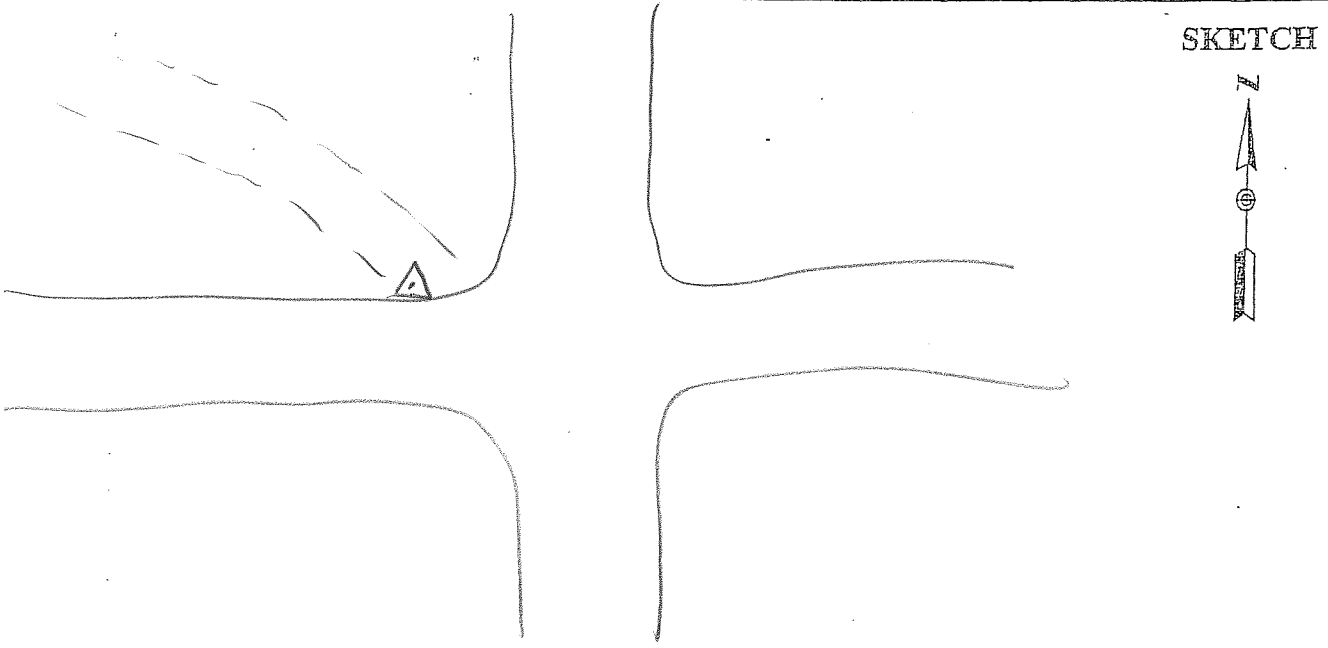
STATION DESCRIPTIONS N. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1524 | 3.3 | 9/10 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VPT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2·3·10

SITE NUMBER 8
SITE NAME ~~30~~ 230

TRACKING TIMES (LOCAL) MEASURE _____
START 3:00 p
STOP 3:25 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.342
1.702

STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1600 | 3.5 | 8/9 |
| 1625 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/willacy
OPERATOR MD
DATE 2·4·10

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:07a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.113
1.473

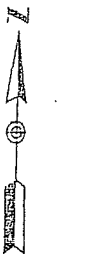
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1007 | 3.6 | 8/8 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previou

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base VPT

PROJECT 1-101205 / willacy
OPERATOR MS
DATE 2.4.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:32a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.258

1.618

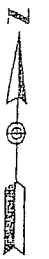
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1032 | 2.5 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PROJECT 1-10205 / willacy
OPERATOR WG
DATE 2-4-11

SITE NUMBER 1
SITE NAME 31 231

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:48 a.
STOP 10:13 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.270
1.630

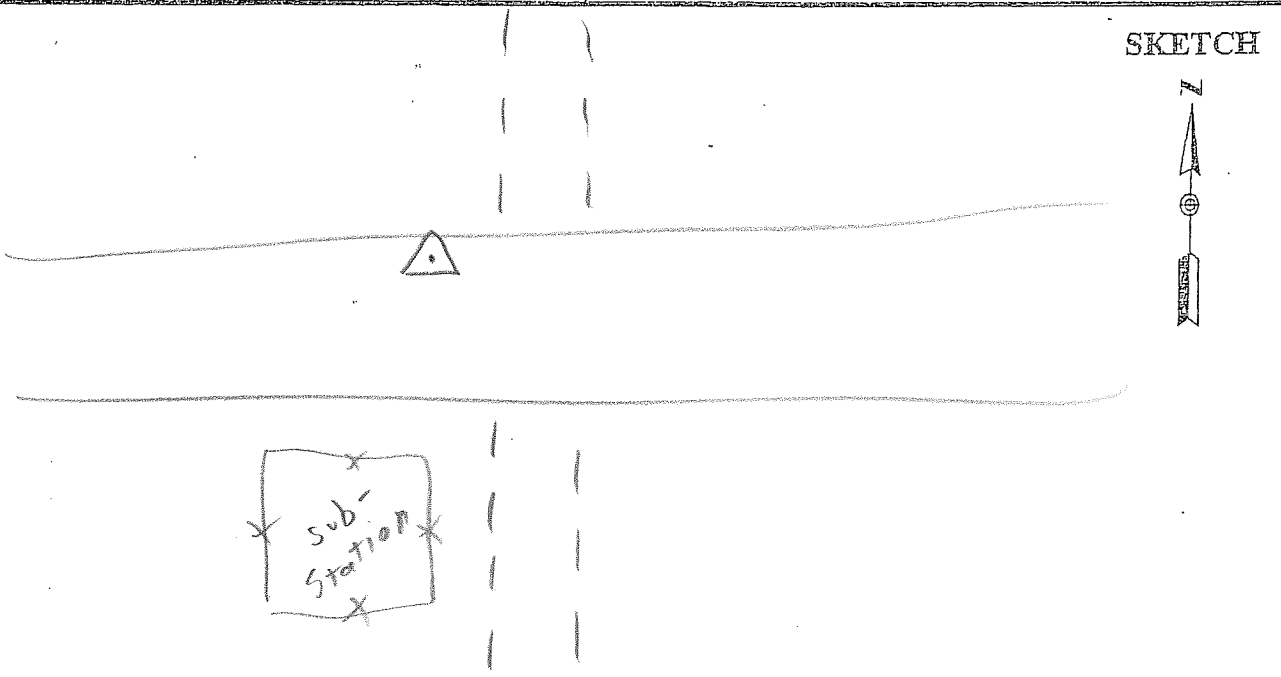
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1048 | 2.6 | 8/9 |
| 1113 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101805 / willacy
OPERATOR MB
DATE 2.4.11

SITE NUMBER 2
SITE NAME ~~32~~ 232

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:20 a.
STOP 10:51 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.339
1.699

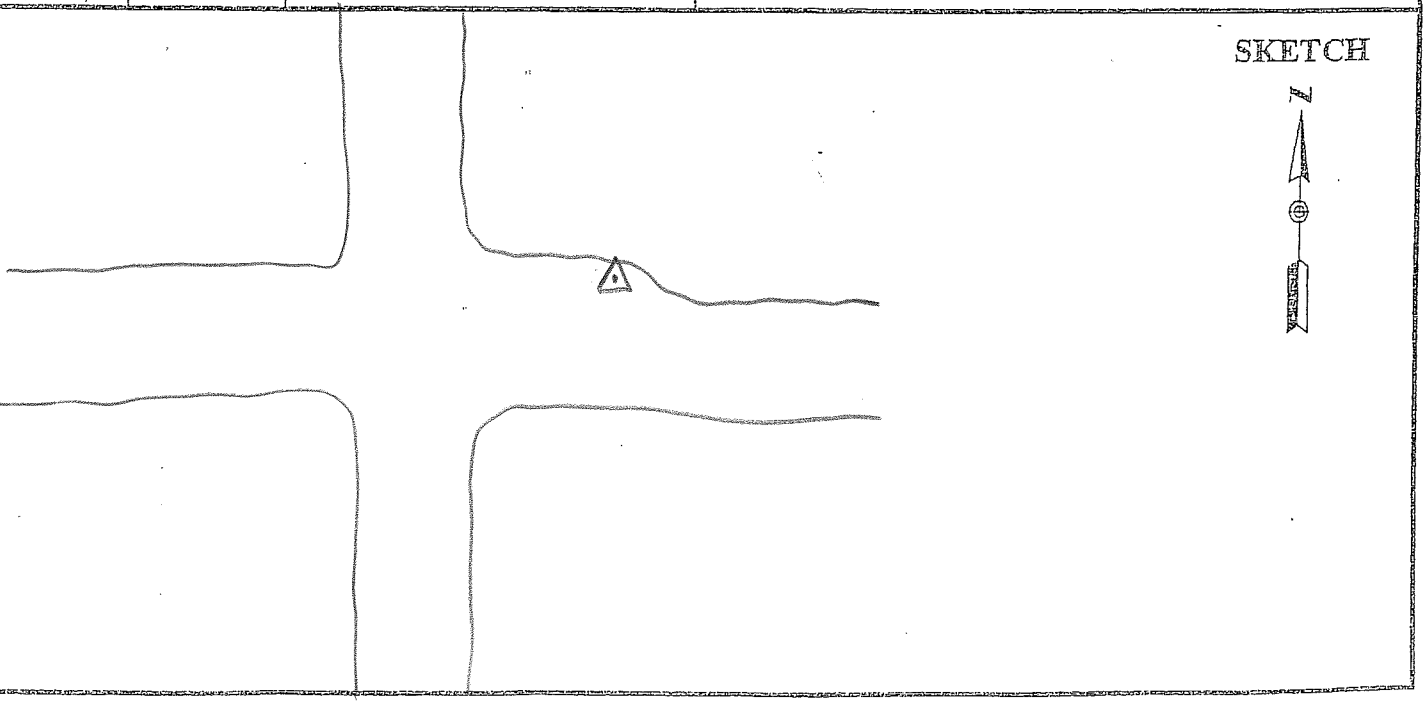
STATION DESCRIPTIONS N. shoulder

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1120 | 3.1 | 6/6 |
| 1151 | | |

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205 / willacy
OPERATOR MS
DATE 2.4.11

SITE NUMBER 3
SITE NAME ~~33~~ 233

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:56a.
STOP 11:28a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none
1

HEIGHT READINGS MTS FT
1.290

STATION DESCRIPTIONS N. side road

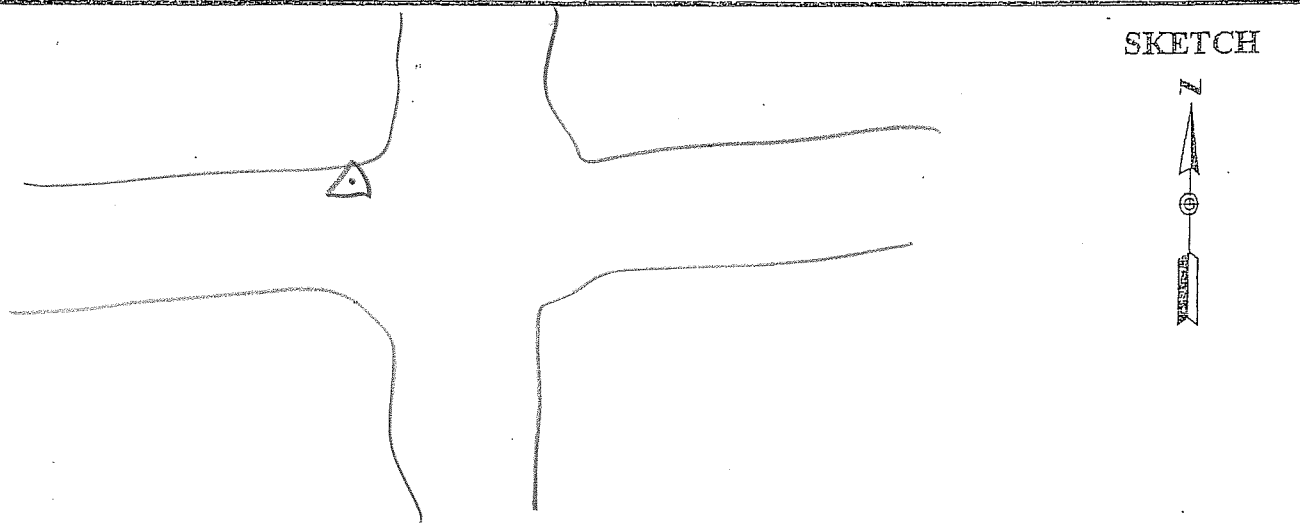
1650

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1156 | 2.4 | 8/8 |
| 1228 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VPT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.4.11

SITE NUMBER 4
SITE NAME ~~34~~ 234

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:35 a.
STOP 12:13 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.316

STATION DESCRIPTIONS E. side road

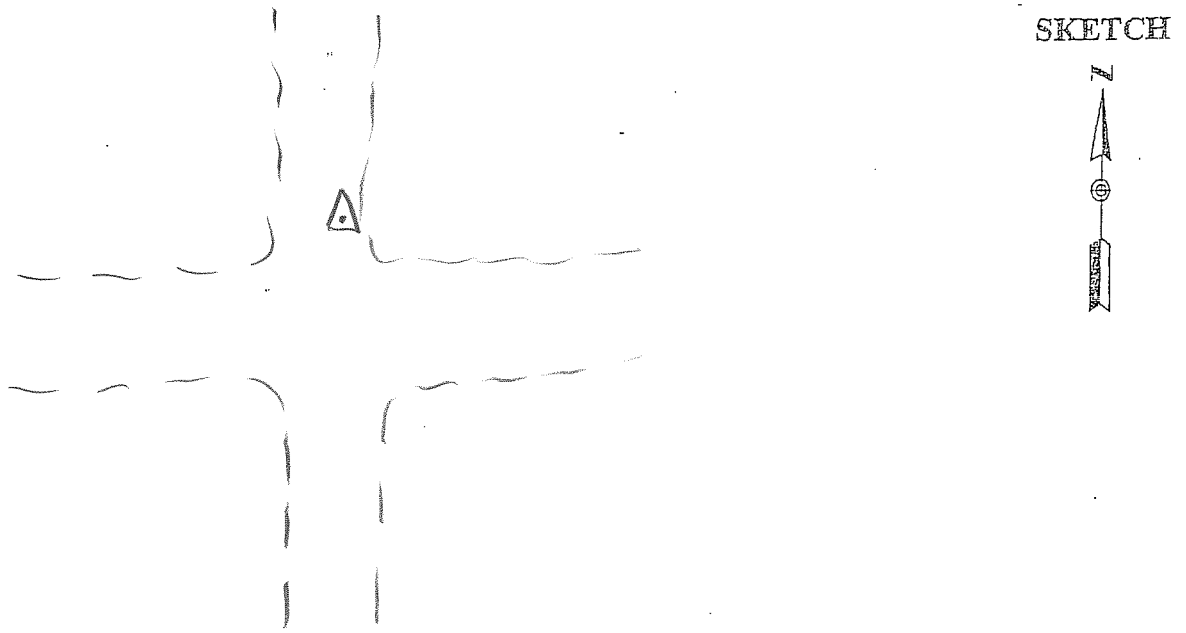
1.676

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1235 | 3.4 | 6/6 |
| 1313 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205 / Willacy
OPERATOR MG
DATE 2.4.11

SITE NUMBER 5
SITE NAME ~~35~~ 235

TRACKING TIMES (LOCAL) MEASURE √
START 12:27 p
STOP 1:00 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.260
1.620

OBSTRUCTIONS: none

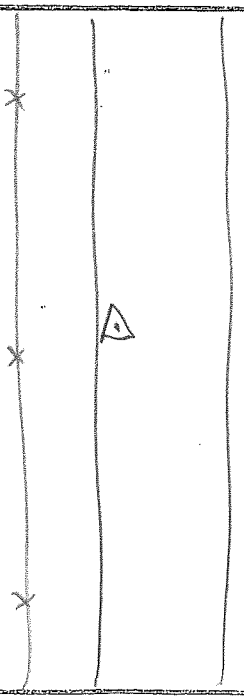
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1327 | 2-1 | 8/8 |
| 1400 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.4.11

SITE NUMBER 6
SITE NAME ~~36~~ 236

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:14 p
STOP 1:39 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.347
1.707

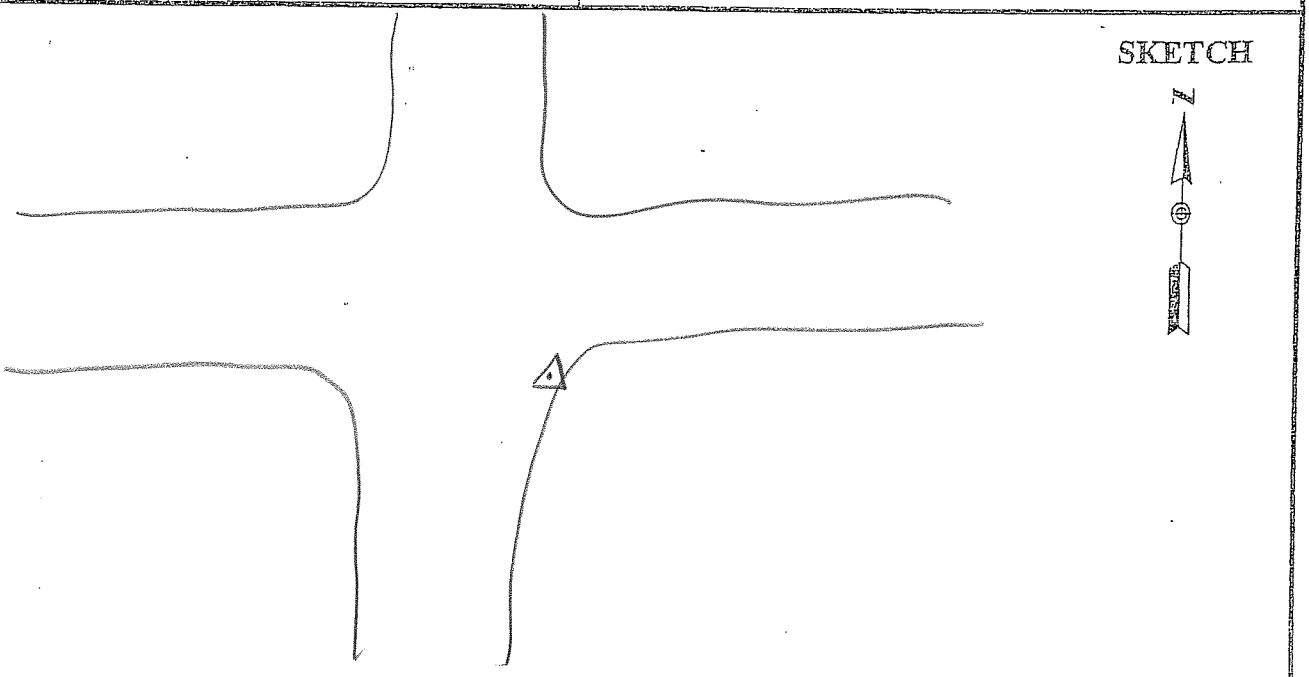
STATION DESCRIPTIONS SE corner of intersection

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1414 | 2.1 | 7/7 |
| 1439 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.4.11

SITE NUMBER 7
SITE NAME ~~37~~ 237

TRACKING TIMES (LOCAL) MEASURE _____
START 1:50p
STOP 2:10p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO. _____
CONTROLLER NO. _____
SENSOR NO. _____

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.278 _____

1638

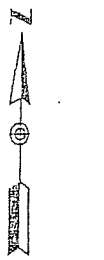
STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1450 | 2.1 | 9/9 |
| 1510 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

✓ PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2-4-11

SITE NUMBER 8
SITE NAME ~~38~~ 238

TRACKING TIMES (LOCAL) MEASURE ✓
START 2:23 p
STOP 2:42 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

HEIGHT READINGS MTS FT
1.413
1.773

OBSTRUCTIONS: none

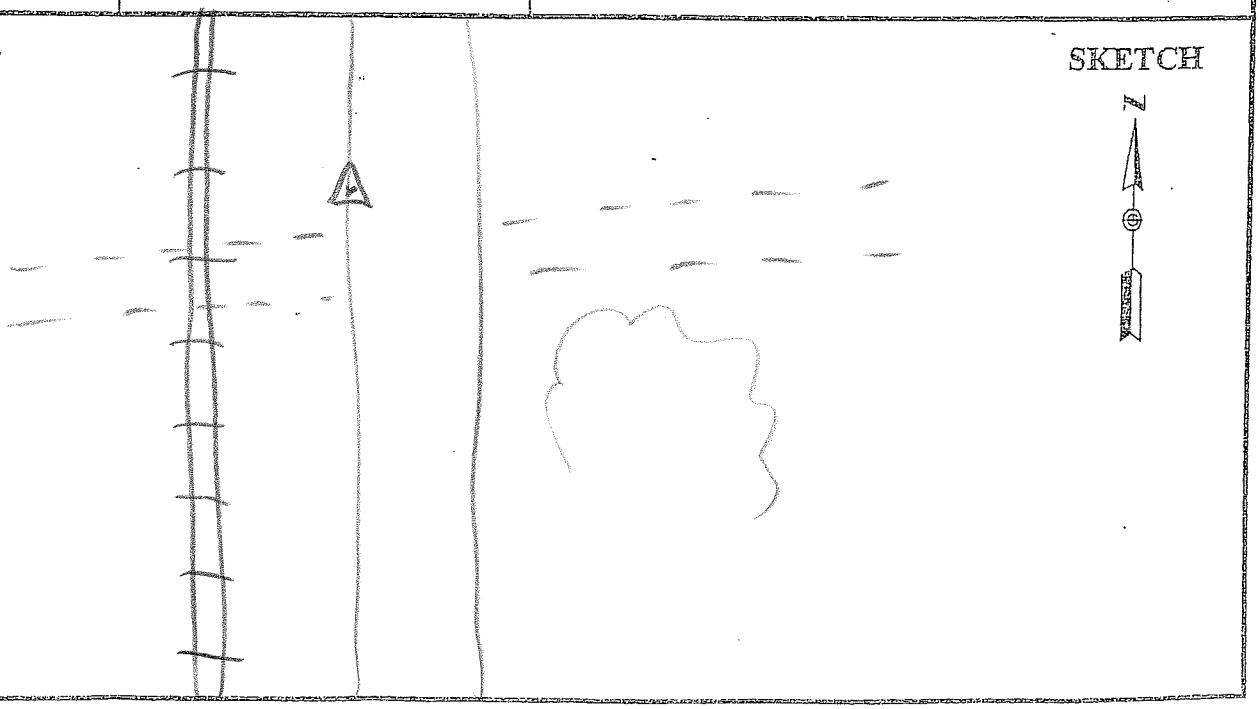
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1523 | 1.9 | 9/10 |
| 1542 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

✓PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.4.11

SITE NUMBER 9
SITE NAME ~~39~~ 239

TRACKING TIMES (LOCAL) MEASURE ✓
START 2:55 p
STOP 3:19 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
~~500~~ 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.355
1.715

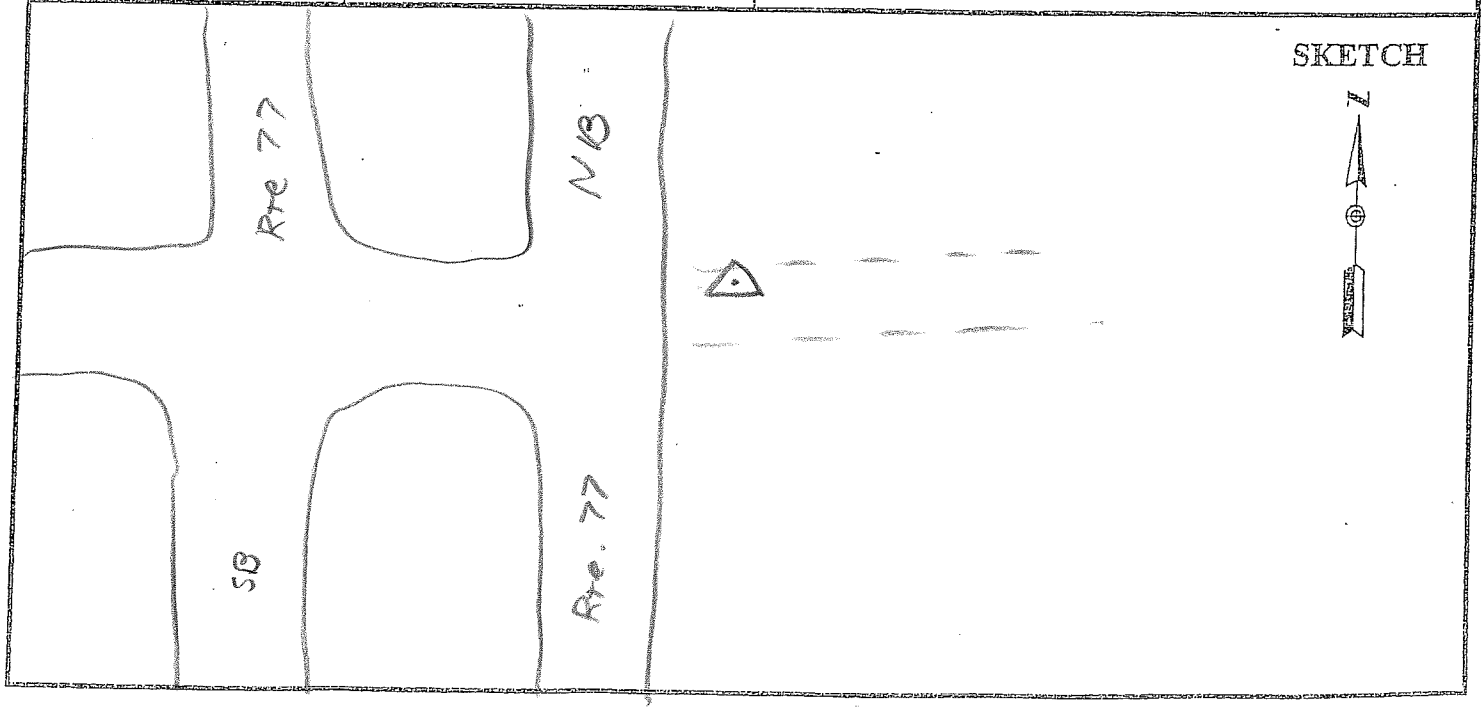
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1553 | 2.6 | 10/10 |
| 1619 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.5.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE V
START 6:58a
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.116

1,476

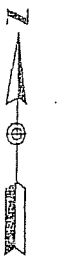
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 758 | 2.5 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base VRT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2-5-11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:15 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.258

STATION DESCRIPTIONS

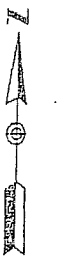
1618

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 815 | 2.6 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-10 1205/ Willacy
OPERATOR MB
DATE 2.5.11

SITE NUMBER 1
SITE NAME HQ 240

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:26 a
STOP 7:55 a

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.385
1.745

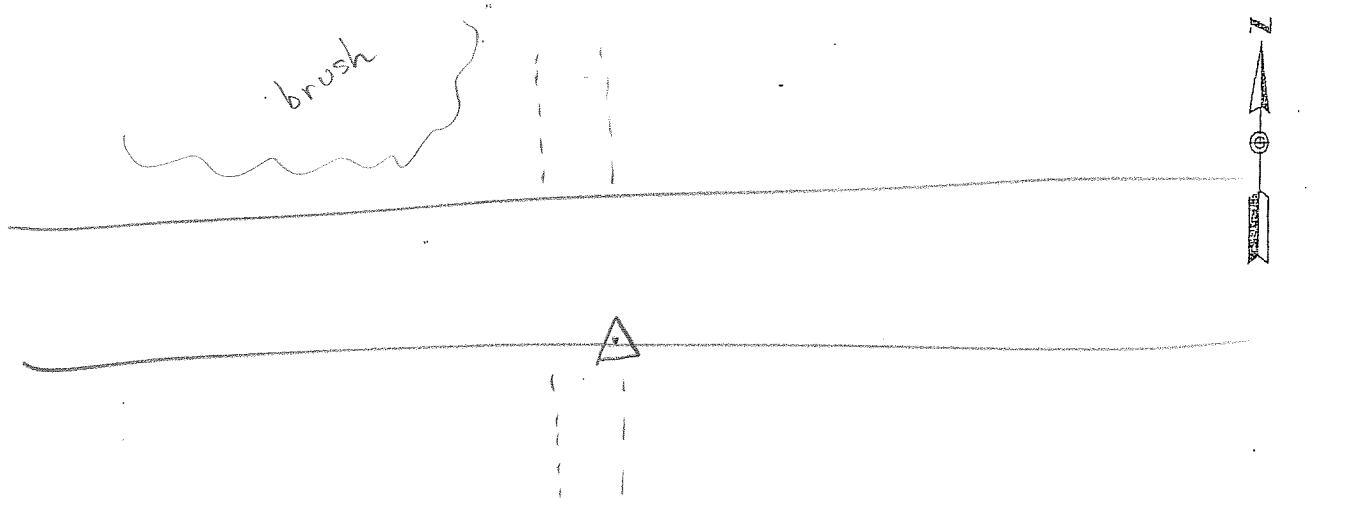
STATION DESCRIPTIONS S. side shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 826 | 2.7 | 8/8 |
| 855 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.5.11

SITE NUMBER 2
SITE NAME ~~44~~ 241

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:02 a.
STOP 8:36 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.402
1.762

OBSTRUCTIONS: none

STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 902 | 3.2 | 6/7 |
| 936 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH








AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.5.11

SITE NUMBER 3
SITE NAME ~~42~~ 242

TRACKING TIMES (LOCAL) MEASURE √
START 8:46a.
STOP 9:23a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.356

1716

OBSTRUCTIONS: none

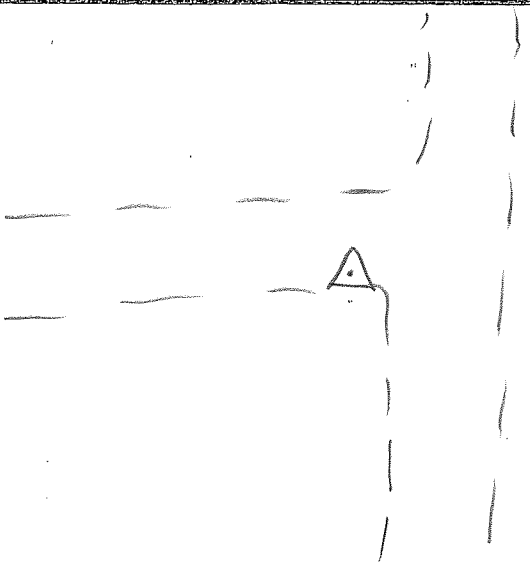
STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 946 | 4.6 | 7/7 |
| 1023 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.5.11

SITE NUMBER 4
SITE NAME ~~43~~ 243

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:35 a.
STOP 10:07 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.334

1694

OBSTRUCTIONS: none

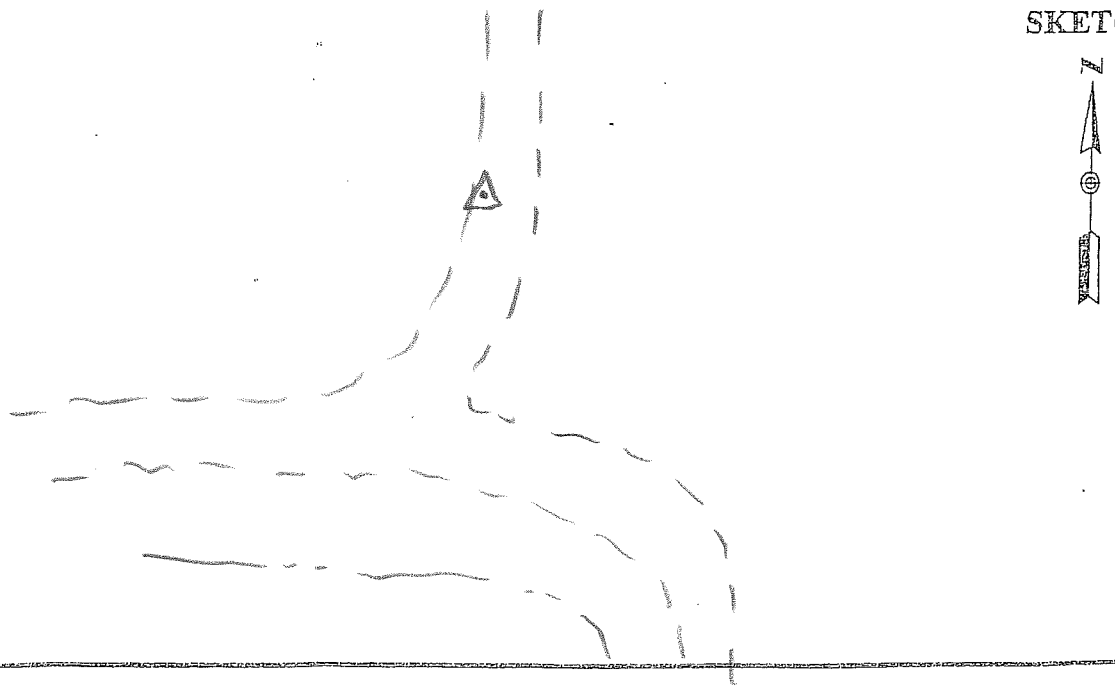
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1035 | 2.7 | 8/9 |
| 1107 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 /PT

PROJECT 1-101205/willacy
OPERATOR NB
DATE 2.5.11

SITE NUMBER 5
SITE NAME ~~44~~ 244

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:29 a.
STOP 11:02 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.340
1.700

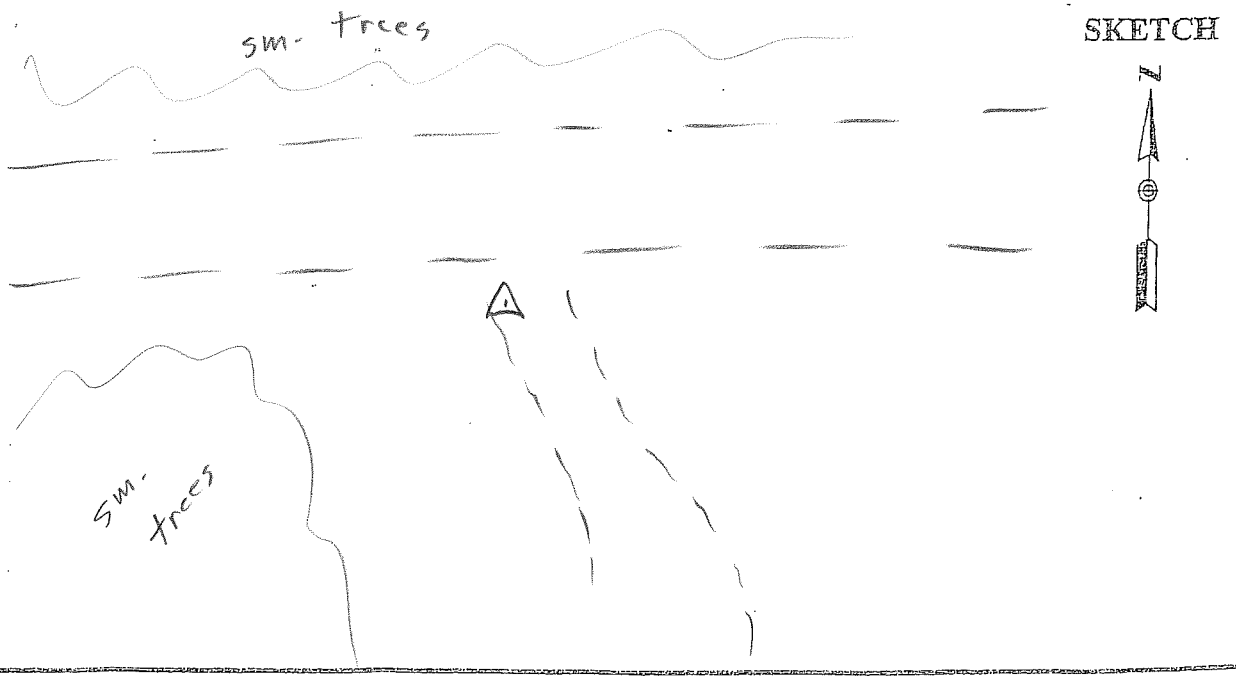
STATION DESCRIPTIONS W. side lane

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1129 | 2.6 | 9/9 |
| 1202 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.5.10

SITE NUMBER 6
SITE NAME ~~45~~ 245

TRACKING TIMES (LOCAL) MEASURE √
START 11:14 a
STOP 11:45 a

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.373

1733

OBSTRUCTIONS: none

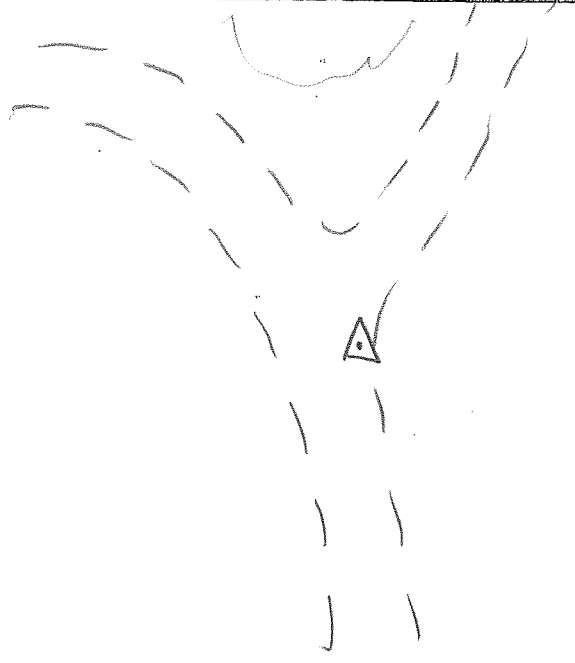
STATION DESCRIPTIONS NE side road

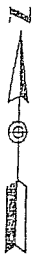
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1214 | 3.3 | 6/6 |
| 1245 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH





AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

✓ PT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2-5-11

SITE NUMBER 7
SITE NAME ~~46~~ 246

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:57a.
STOP 12:33p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.397

STATION DESCRIPTIONS in pull-off

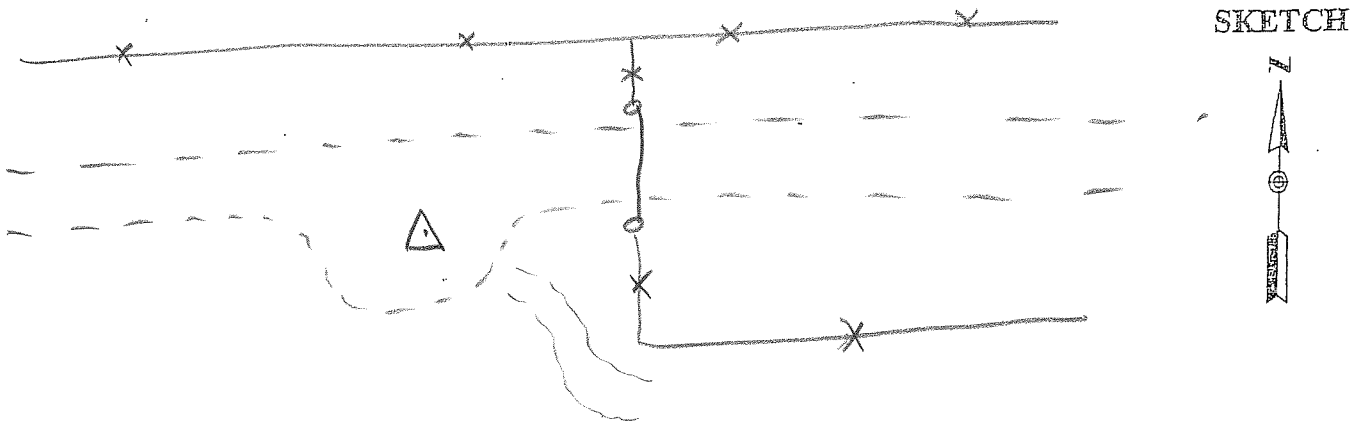
1687

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1257 | 1.6 | 8/9 |
| 1333 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205/Willacy
OPERATOR MO
DATE 2.5.11

SITE NUMBER 8
SITE NAME ~~47~~ 247

TRACKING TIMES (LOCAL) MEASURE √
START 12:51 p
STOP 1:24 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.344

1704

OBSTRUCTIONS: none

STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1351 | 2.4 | 8/9 |
| 1424 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




A

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205/Willacy
OPERATOR NB
DATE 2.5.11

SITE NUMBER 9
SITE NAME ~~48~~ 248

TRACKING TIMES (LOCAL) MEASURE √
START 1:30p
STOP 2:02p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.371

STATION DESCRIPTIONS gravel area E. side road

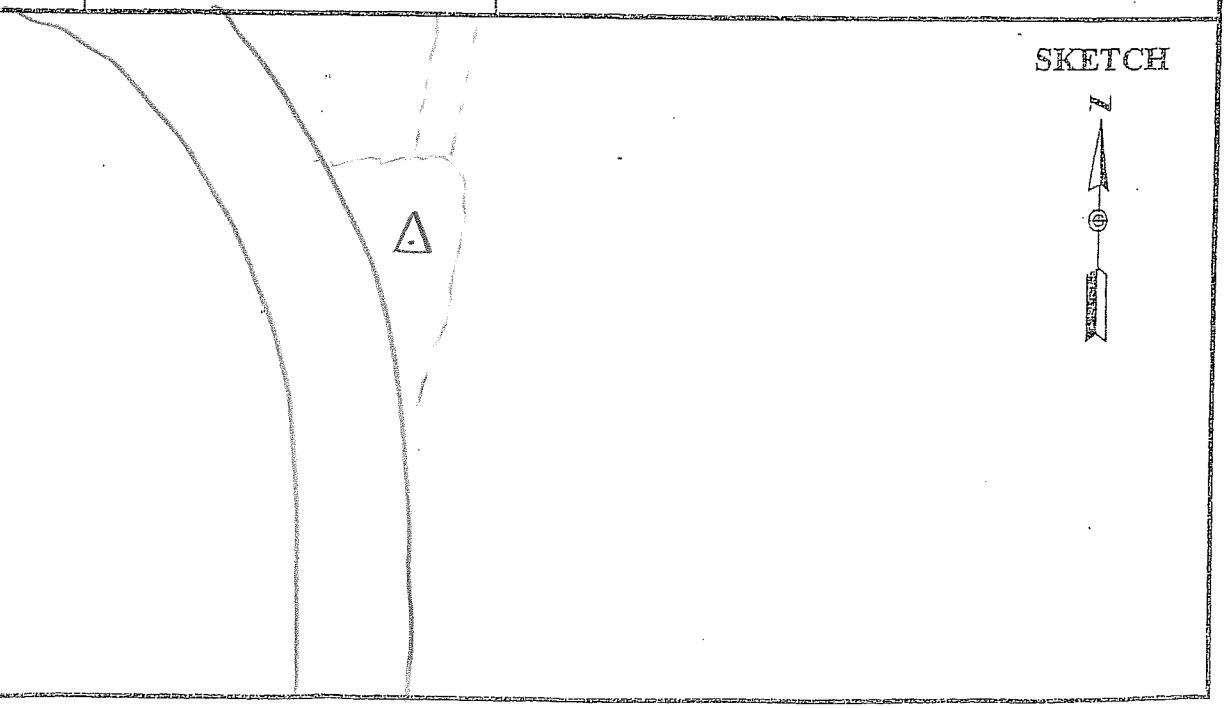
1731

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1430 | 1.8 | 11/11 |
| 1502 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base 1/FT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.6.11

SITE NUMBER 1
SITE NAME 1003

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:17a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.122

STATION DESCRIPTIONS

1482

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 917 | 2.5 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base VPT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.6.11

SITE NUMBER 1
SITE NAME 1004

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:35 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 231
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.351

STATION DESCRIPTIONS

1711

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 935 | 3.0 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.6.11

SITE NUMBER 1
SITE NAME ~~49~~ 249

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:40a.
STOP 9:57a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.255

STATION DESCRIPTIONS

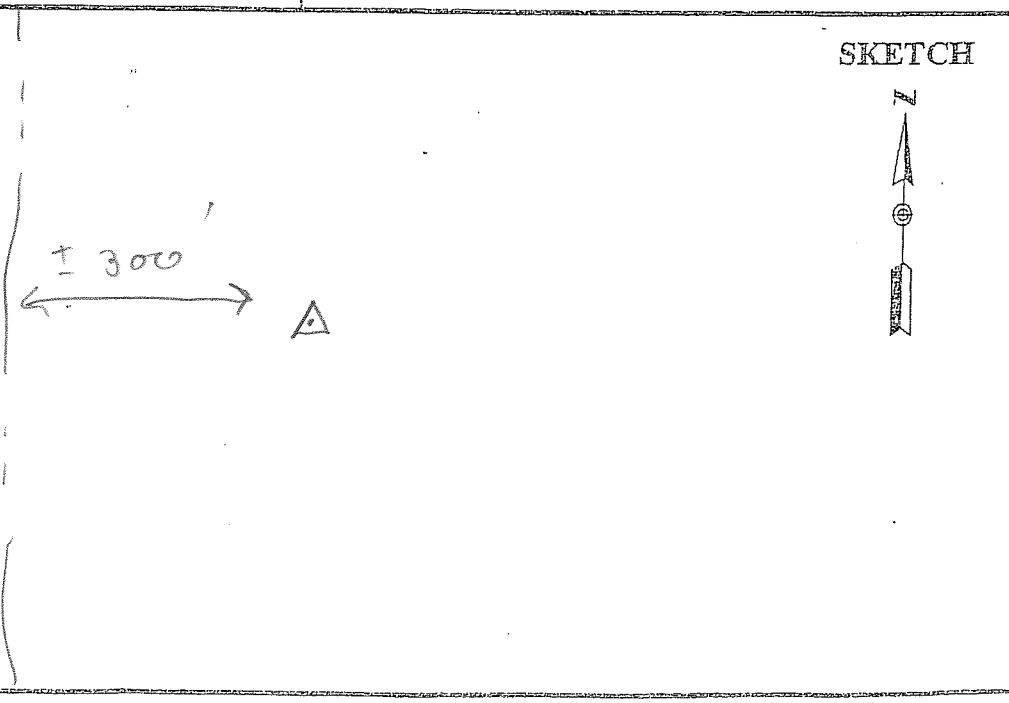
1615

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1040 | 1.9 | 9/9 |
| 1057 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VOT

PROJECT 1-10 1205/willacy
OPERATOR MB
DATE 8.6.11

SITE NUMBER 2
SITE NAME 52 250

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:12 a.
STOP 10:30 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.190
1.550

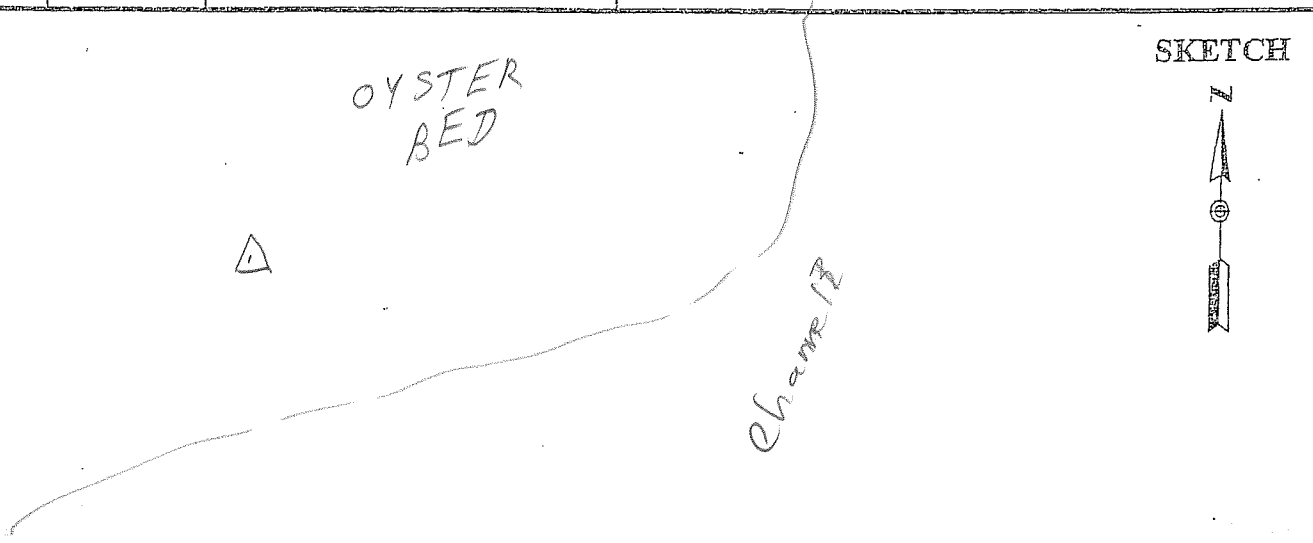
STATION DESCRIPTIONS on island

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1112 | 2.1 | 9/9 |
| 1130 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 JPJ

PROJECT 1-101205/Willacy
OPERATOR NB
DATE 2.6.11

SITE NUMBER 3
SITE NAME 35 251

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:50 a.
STOP 11:00 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.260
1.620

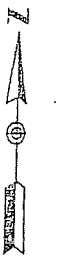
STATION DESCRIPTIONS on sunday

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1150 | 3.8 | 9/9 |
| 1200 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/Willacy
OPERATOR KMB
DATE 2.6.11

SITE NUMBER 4
SITE NAME ~~52~~ 252

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:38a.
STOP 12:~~42~~ p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
~~500~~ ~~0.360~~

HEIGHT READINGS MTS FT
1.359
1.719

OBSTRUCTIONS: none

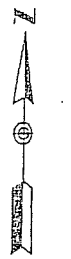
STATION DESCRIPTIONS sand bar

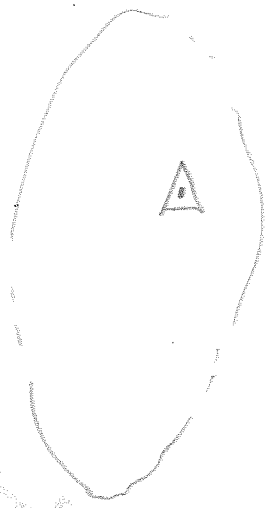
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1238 | 2.3 | 6/7 |
| 1302 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2.7.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:07a
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.150
1.510

OBSTRUCTIONS:

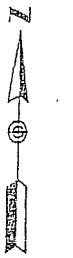
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 807 | 2.6 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base /PT

PROJECT 1-101205/Willacy
OPERATOR NB
DATE 2.7.11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:20a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 ~~0.360~~

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.250
1.610

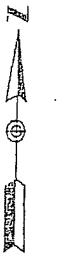
STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 820 | 4.6 | 8/8 |
| | | |

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓PT

PROJECT 1-101205/Willacy
OPERATOR MG
DATE 2-7-11

SITE NUMBER 1
SITE NAME ~~58~~ 253

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:38 a.
STOP 8:07 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
~~500~~ 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.336

STATION DESCRIPTIONS W. side road

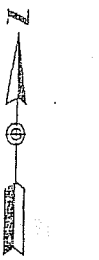
1-696

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 838 | 1.9 | 9/9 |
| 907 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 2
SITE NAME ~~54~~ 254

TRACKING TIMES (LOCAL) MEASURE ____
START 8:17a.
STOP 8:44a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO. ____
CONTROLLER NO. ____
SENSOR NO. ____

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.334 ____

1694

OBSTRUCTIONS: none

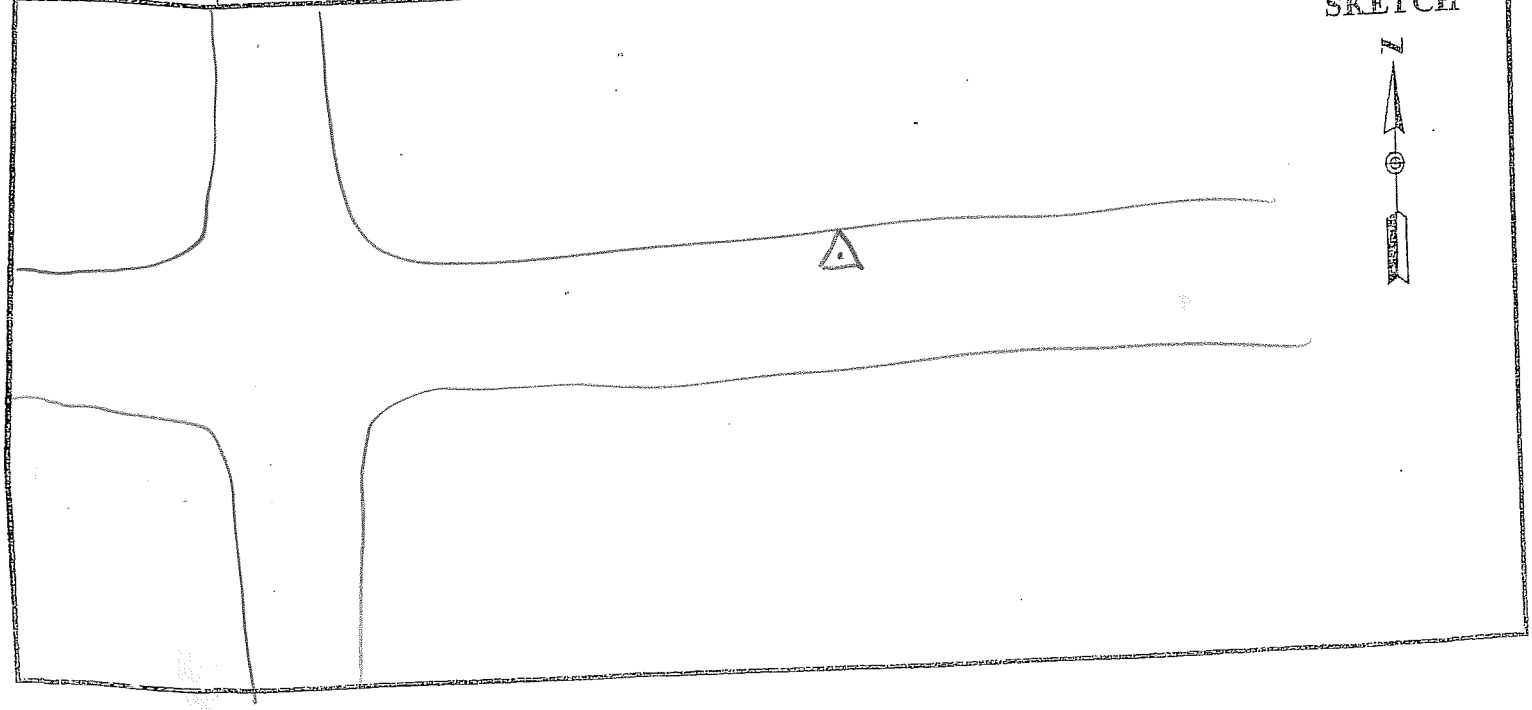
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 917 | 1.9 | 8/8 |
| 944 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓ PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 3
SITE NAME ~~55~~ 255

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:57 a.
STOP 9:19 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.282

1642

OBSTRUCTIONS: none

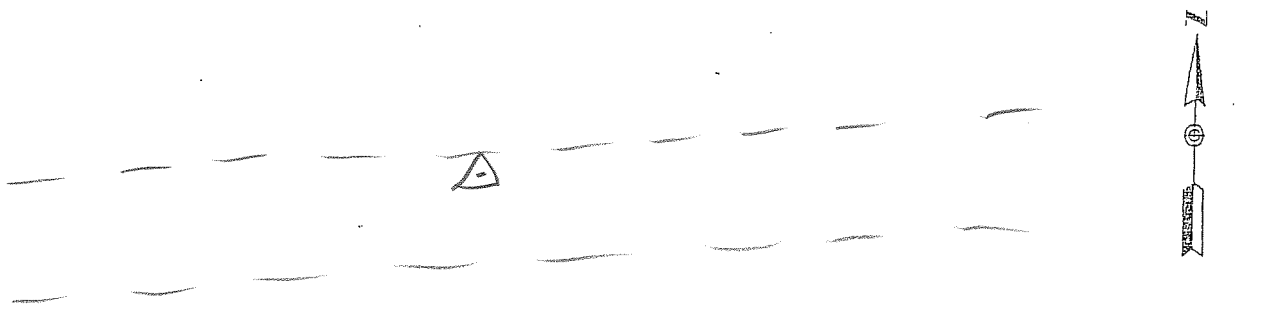
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 957 | 3.8 | 7/7 |
| 1019 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 4
SITE NAME ~~56~~ 256

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:30 a.
STOP 9:51 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.237
1.597

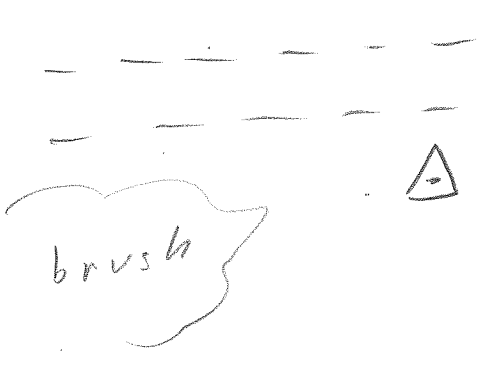
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1030 | 3.3 | 6/6 |
| 1051 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 5
SITE NAME ~~57~~ 257

TRACKING TIMES (LOCAL) MEASURE √
START 10:07 a.
STOP 10:29 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.402
1.762

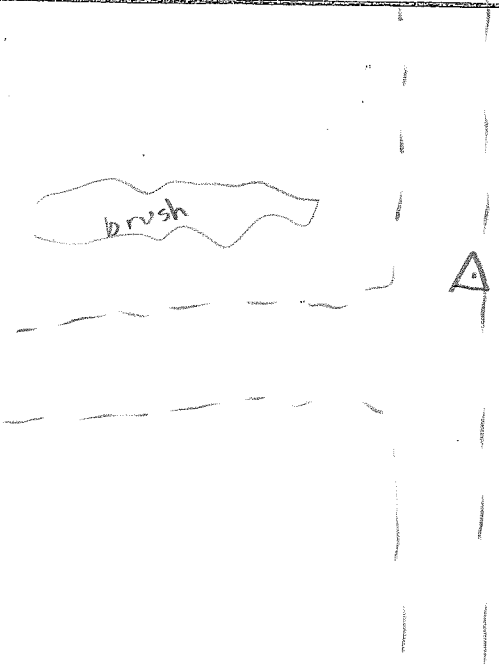
STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1107 | 2.1 | 9/9 |
| 1129 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 6
SITE NAME ~~58~~ 258

TRACKING TIMES (LOCAL) MEASURE √
START 10:44 a.
STOP 11:12 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
~~399E/9500~~ 0.389
~~500~~ 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.362
1.722

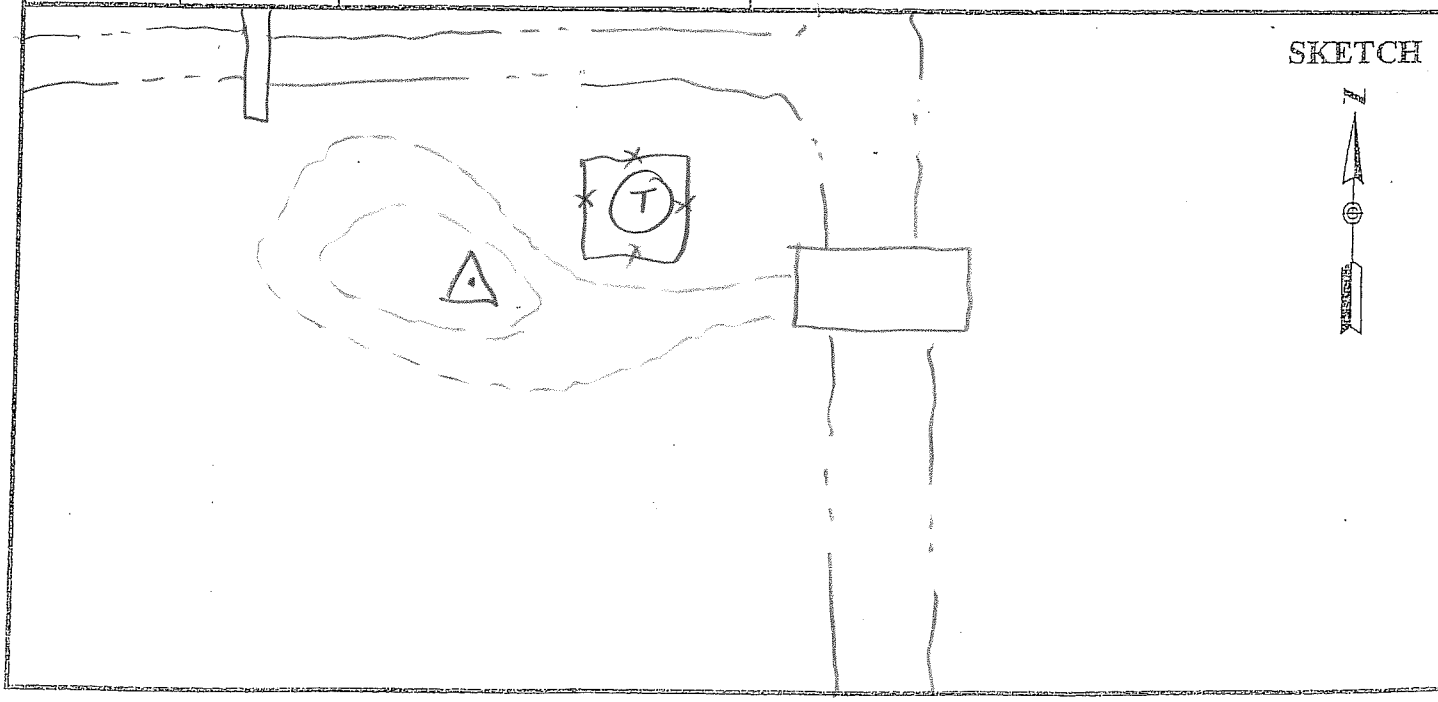
STATION DESCRIPTIONS in open area

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1144 | 3.6 | 9/9 |
| 1212 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VRS

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 7
SITE NAME ~~59~~ 259

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:22a
STOP 11:52a

SENSOR TYPE 500 9500 399 299
MEMORY CARD 608
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.322
1.682

OBSTRUCTIONS: none

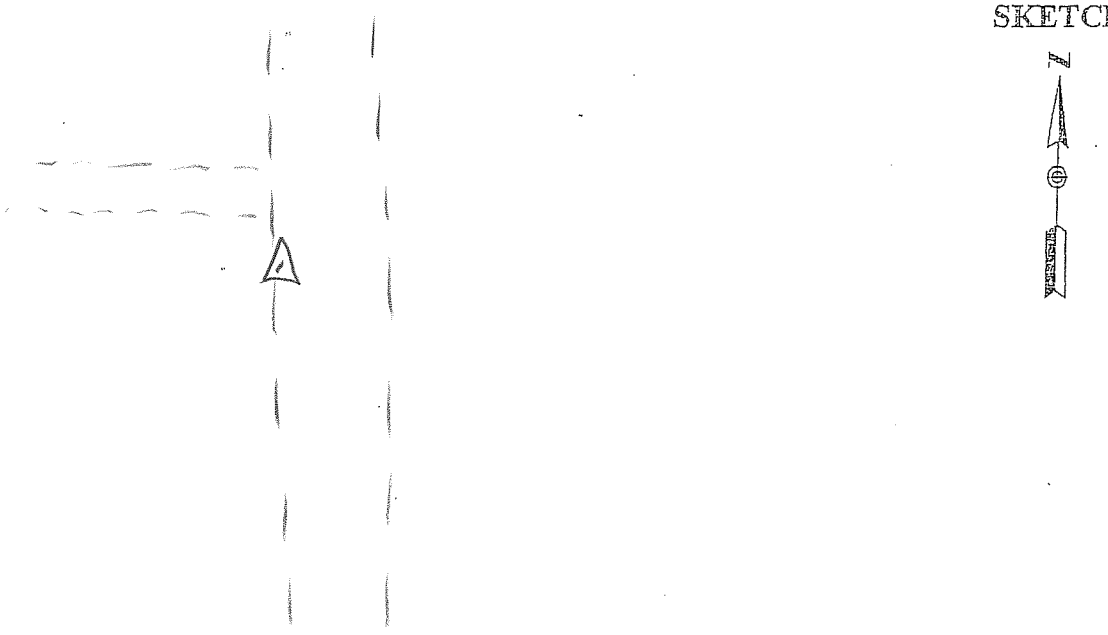
STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1222 | 3.4 | 6/7 |
| 1252 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2-7-11

SITE NUMBER 8
SITE NAME ~~62~~ 260

TRACKING TIMES (LOCAL) MEASURE √
START 12:00 p
STOP 12:29 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.365

1725

OBSTRUCTIONS: none

STATION DESCRIPTIONS in field lane

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1300 | 1.4 | 8/10 |
| 1329 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VPT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 9
SITE NAME ~~GL~~ 261

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:34 p
STOP 1:03 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.333
1.693

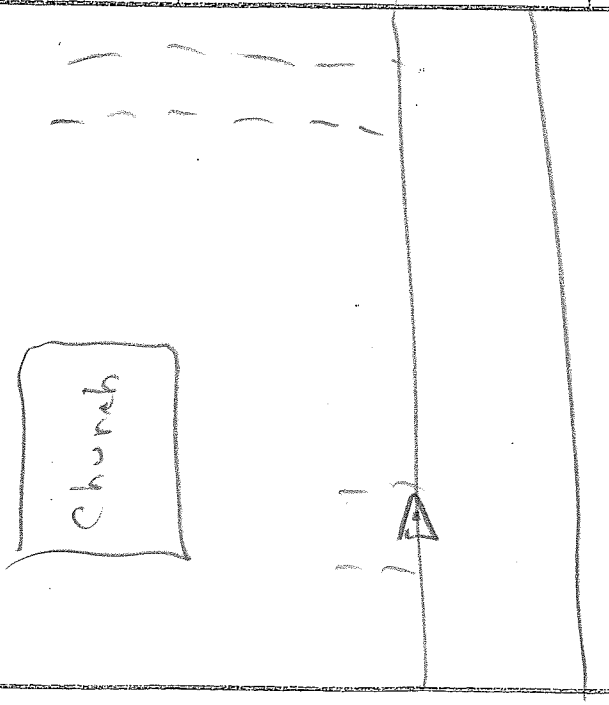
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1334 | 2.1 | 8/8 |
| 1403 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

V PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.7.11

SITE NUMBER 10
SITE NAME ~~62~~ 262

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:19 p
STOP 1:45 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 603
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: many

HEIGHT READINGS MTS FT
1.338

1698

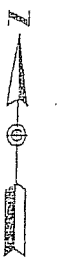
STATION DESCRIPTIONS E. side road

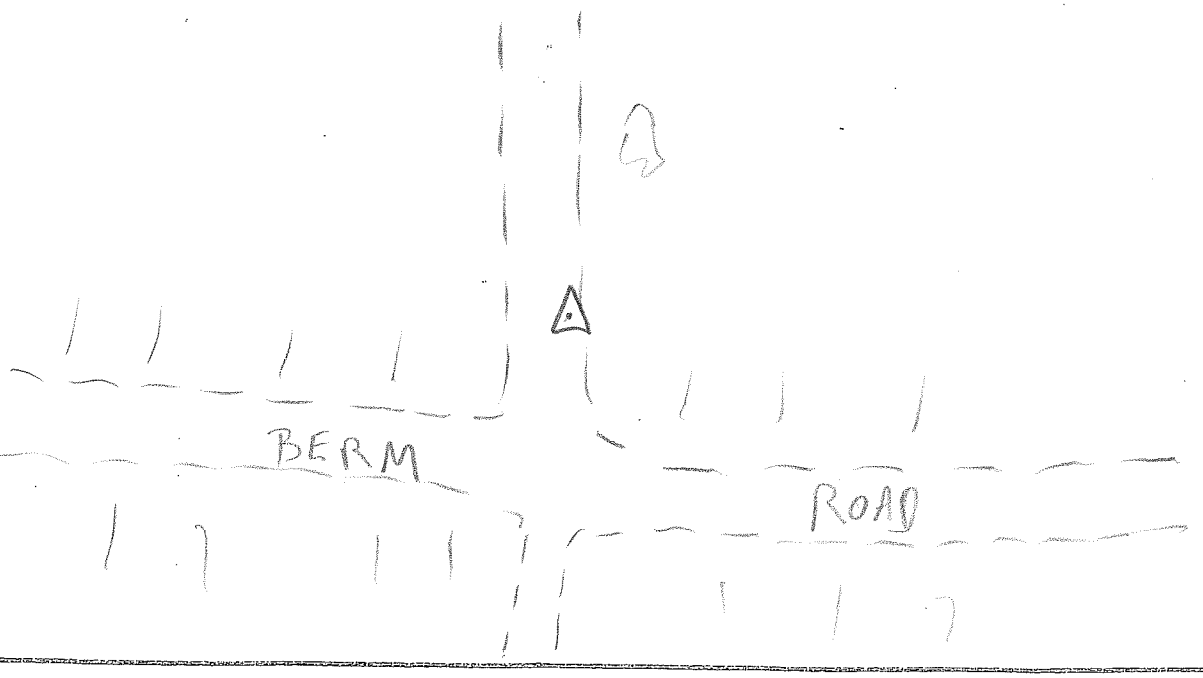
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1419 | 1.6 | 11/11 |
| 1445 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205 / willacy
OPERATOR MG
DATE 2.10.11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:55 a
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.154
1.514

STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1155 | 2.6 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base VPT

PROJECT 1-101205 / Willacy
OPERATOR NB
DATE 2·10·11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:14 a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 704
BATTERY NO. CB
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.298
1.658

STATION DESCRIPTIONS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1214 | 3.4 | 7/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VPT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 1
SITE NAME ~~63~~ 263

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:22 a.
STOP 11:50 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.358
1.718

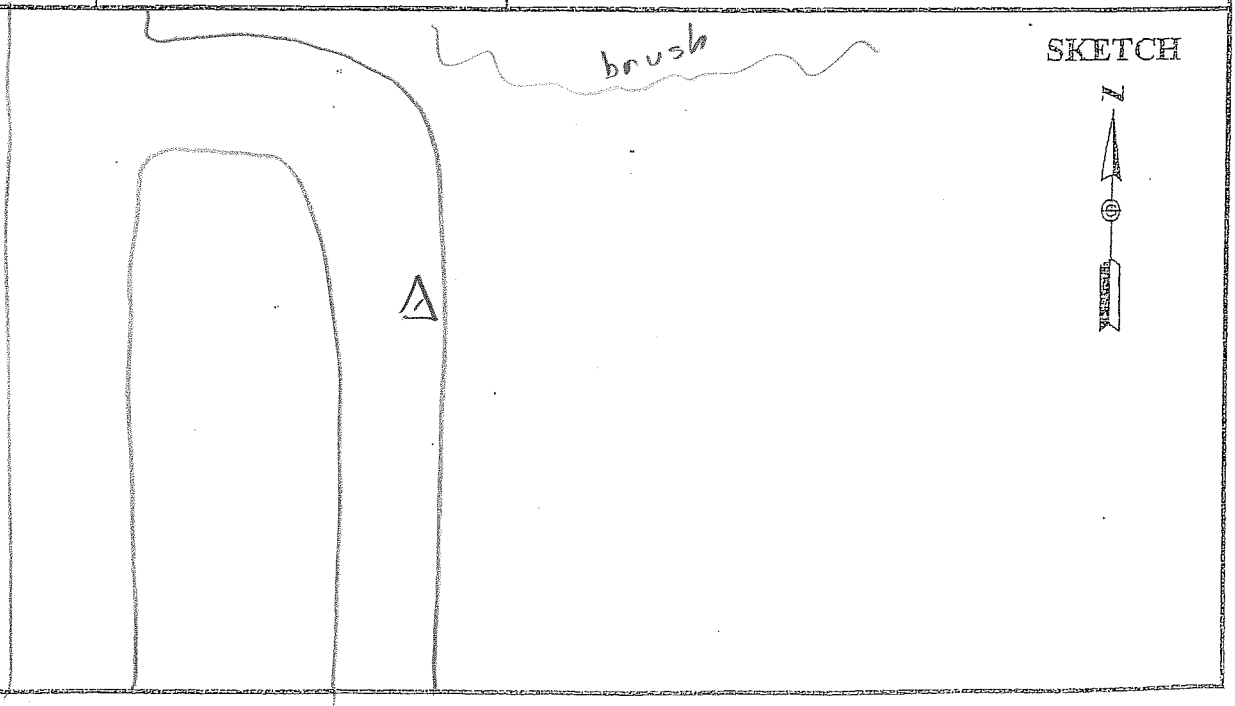
STATION DESCRIPTIONS E. shoulder

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1222 | 1.9 | 8/9 |
| 1250 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

PT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 2
SITE NAME ~~64~~ 264

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:56 a.
STOP 12:26 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 ~~0.389~~
500 ~~0.360~~

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.374

STATION DESCRIPTIONS E. shoulder

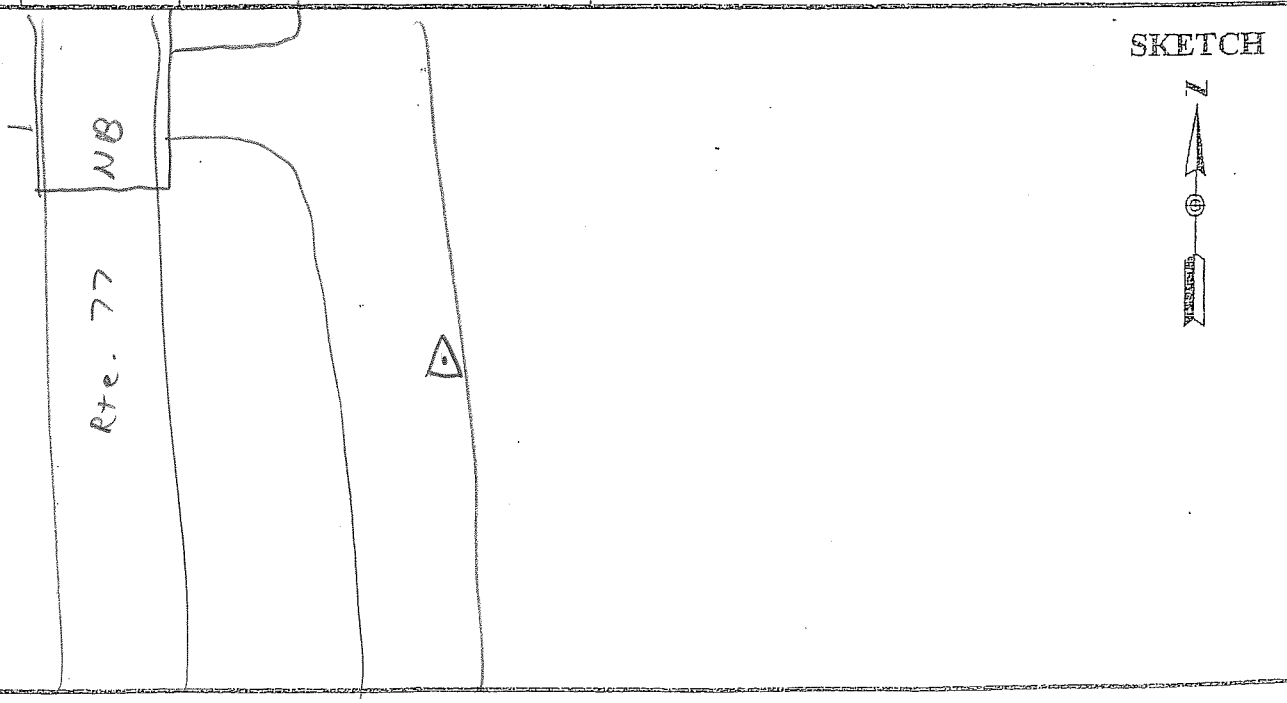
1734

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1256 | 3.1 | 10/10 |
| 1326 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205 / willacy
OPERATOR MD
DATE 2.10.11

SITE NUMBER 3
SITE NAME ~~65~~ 265

TRACKING TIMES (LOCAL) MEASURE √
START 12:36 p
STOP 1:07 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.376
1.736

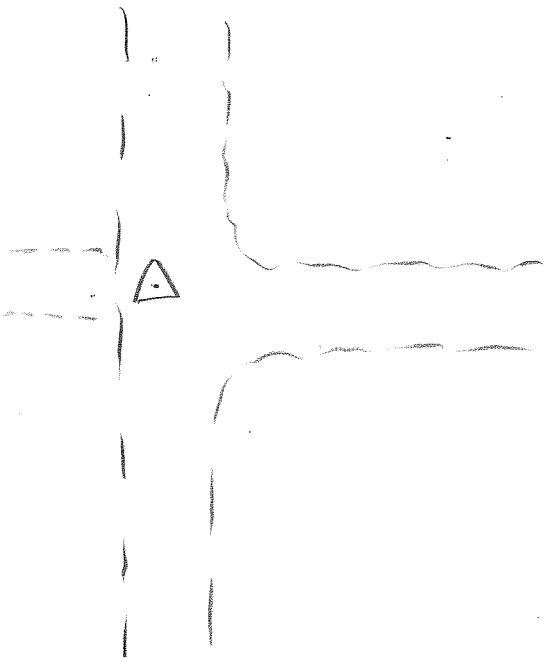
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1336 | 2.4 | 9/9 |
| 1407 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓NT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 4
SITE NAME ~~66~~ 266

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:20 p
STOP 1:42 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: tree NW

HEIGHT READINGS MTS FT
1.301
1.661

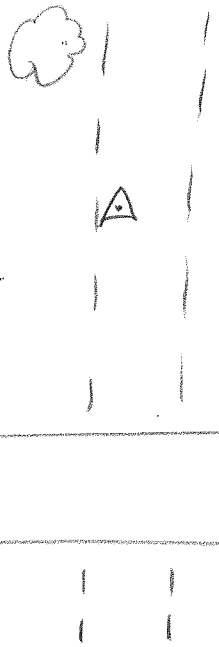
STATION DESCRIPTIONS W side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1420 | 3.8 | 10/10 |
| 1442 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓ PT

PROJECT 1-10205/Willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 5
SITE NAME ~~82~~ 267

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:51 p
STOP 2:12 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
~~500~~ 0.360

HEIGHT READINGS MTS FT
1.328
1.688

OBSTRUCTIONS: none

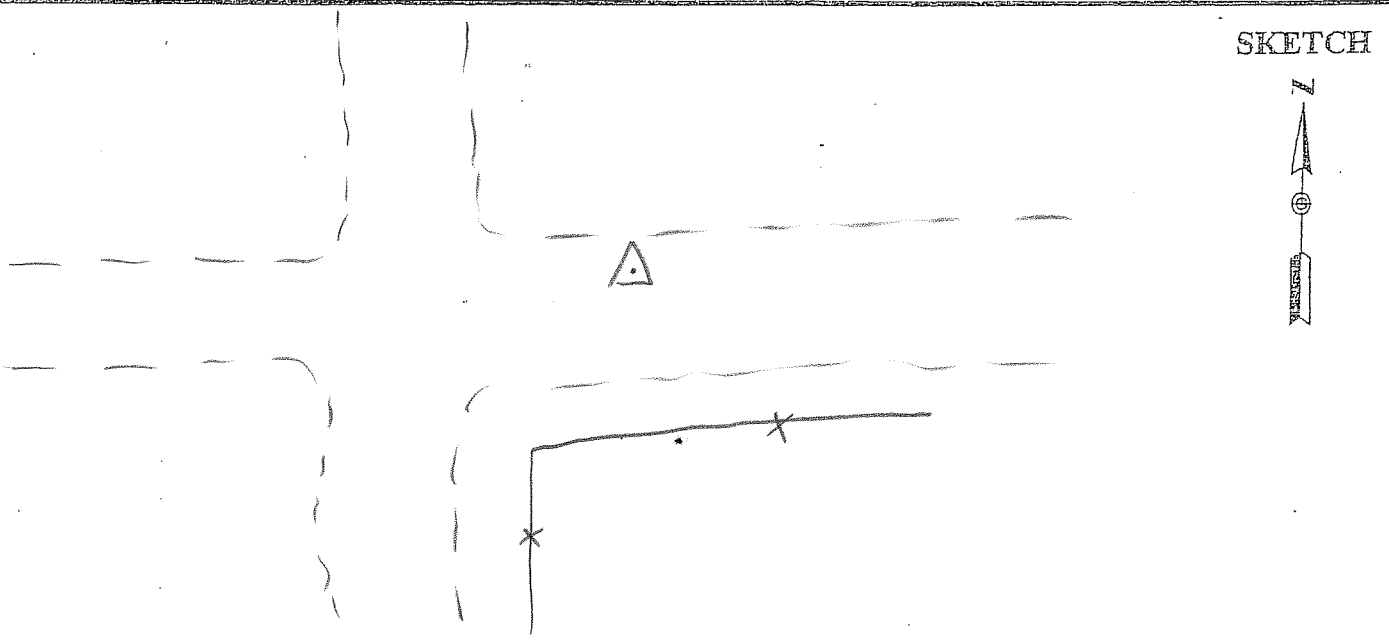
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1451 | 3.2 | 9/10 |
| 1512 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 6
SITE NAME ~~68~~ 268

TRACKING TIMES (LOCAL) MEASURE ✓
START 2:19 p
STOP 2:43 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.323

STATION DESCRIPTIONS E. side road

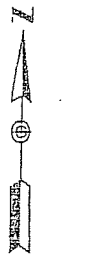
1683

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1519 | 4.4 | 6/6 |
| 1543 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




FEED LOT

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VRT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2 · 10 · 11

SITE NUMBER 7
SITE NAME ~~69~~ 269

TRACKING TIMES (LOCAL) MEASURE V
START 2:50 p
STOP 3:18 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.382
1.742

OBSTRUCTIONS: none

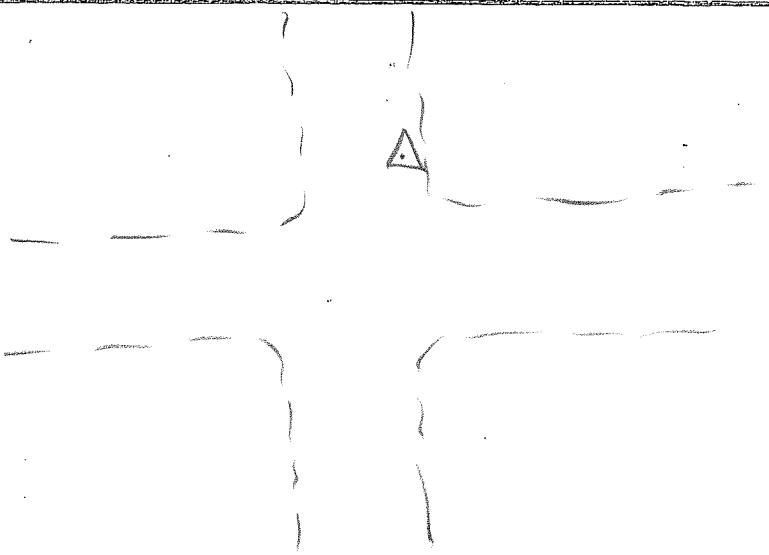
STATION DESCRIPTIONS E. side road

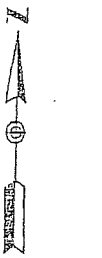
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1550 | 2.5 | 6/7 |
| 1618 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH





AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

JPT

PROJECT 1-101205 / Willacy
OPERATOR MB
DATE 2.10.11

SITE NUMBER 8
SITE NAME ~~70~~ 270

TRACKING TIMES (LOCAL) MEASURE ✓
START 3:28 p
STOP 3:58 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 ~~0.360~~

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.293

1653

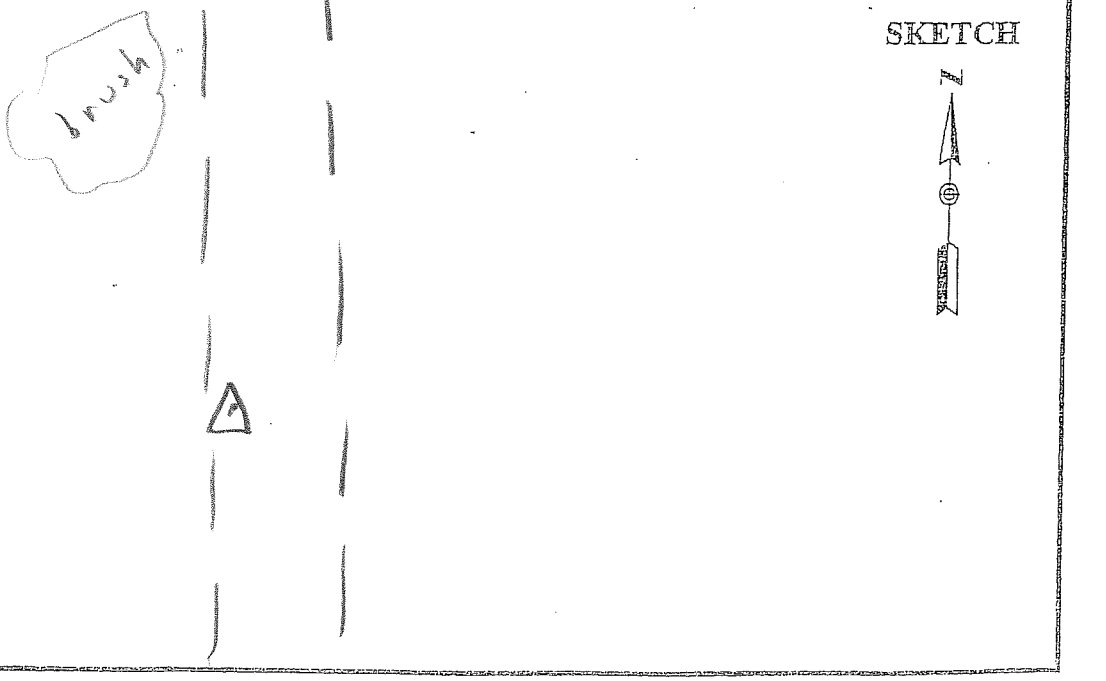
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1628 | 1.7 | 9/10 |
| 1658 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR MG
DATE 2-11-11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE _____
START 6:47a.
STOP _____

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. _____
CONTROLLER NO. _____
SENSOR NO. _____

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

HEIGHT READINGS MTS FT
1.154 _____

1514

OBSTRUCTIONS: _____

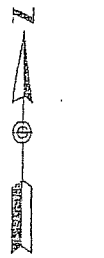
STATION DESCRIPTIONS _____

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 747 | 2.6 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE _____
START 6:47a.
STOP _____

SENSOR TYPE 500 9500 399 299
MEMORY CARD 732
BATTERY NO. _____
CONTROLLER NO. _____
SENSOR NO. _____

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: _____

HEIGHT READINGS MTS FT
1.154 _____

1514

STATION DESCRIPTIONS _____

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 747 | 2.6 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




See previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base √PT

PROJECT 1-101205/Willacy
OPERATOR MD
DATE 2-11-11

SITE NUMBER 1
SITE NAME 1007

TRACKING TIMES (LOCAL) MEASURE √
START 7:05a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 704
BATTERY NO. C19
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.298

STATION DESCRIPTIONS

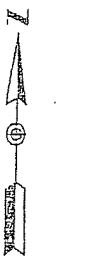
1658

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 805 | 3.1 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 Base √PT

PROJECT 1-101205/Willacy
OPERATOR MD
DATE 2-11-11

SITE NUMBER 1
SITE NAME 1007

TRACKING TIMES (LOCAL) MEASURE √
START 7:05a.
STOP

SENSOR TYPE 500 9500 399 299
MEMORY CARD 704
BATTERY NO. C/B
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS:

HEIGHT READINGS MTS FT
1.298

STATION DESCRIPTIONS

1658

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 805 | 3.1 | 6/7 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




see previous

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 √PT

PROJECT I-10@205/Willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 1
SITE NAME ~~71~~ 271

TRACKING TIMES (LOCAL) MEASURE ✓
START 7:17 a.
STOP 7:44 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.348
1.708

OBSTRUCTIONS: none

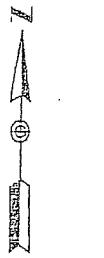
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 817 | 3.6 | 9/9 |
| 844 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205/Willacy
OPERATOR NB
DATE 2.11.11

SITE NUMBER 2
SITE NAME ~~72~~ 272

TRACKING TIMES (LOCAL) MEASURE √
START 7:52 a.
STOP 8:17 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 231
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

HEIGHT READINGS MTS FT
1.345
1.705

OBSTRUCTIONS: none

STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 852 | 2.4 | 7/7 |
| 917 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 3
SITE NAME ~~73~~ 273

TRACKING TIMES (LOCAL) MEASURE ✓
START 8:25 a.
STOP 8:48 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.332

STATION DESCRIPTIONS w. side road

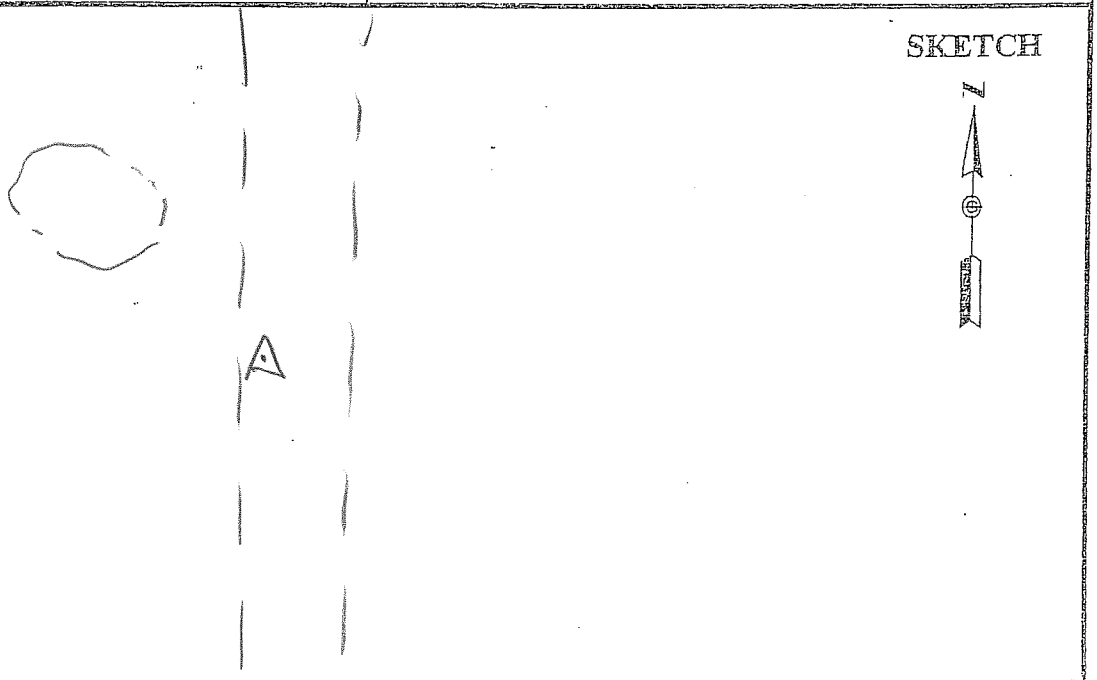
1692

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 925 | 4.0 | 7/7 |
| 948 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 4
SITE NAME ~~74~~ 274

TRACKING TIMES (LOCAL) MEASURE _____
START 8:55 a.
STOP 9:15 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.363
1.723

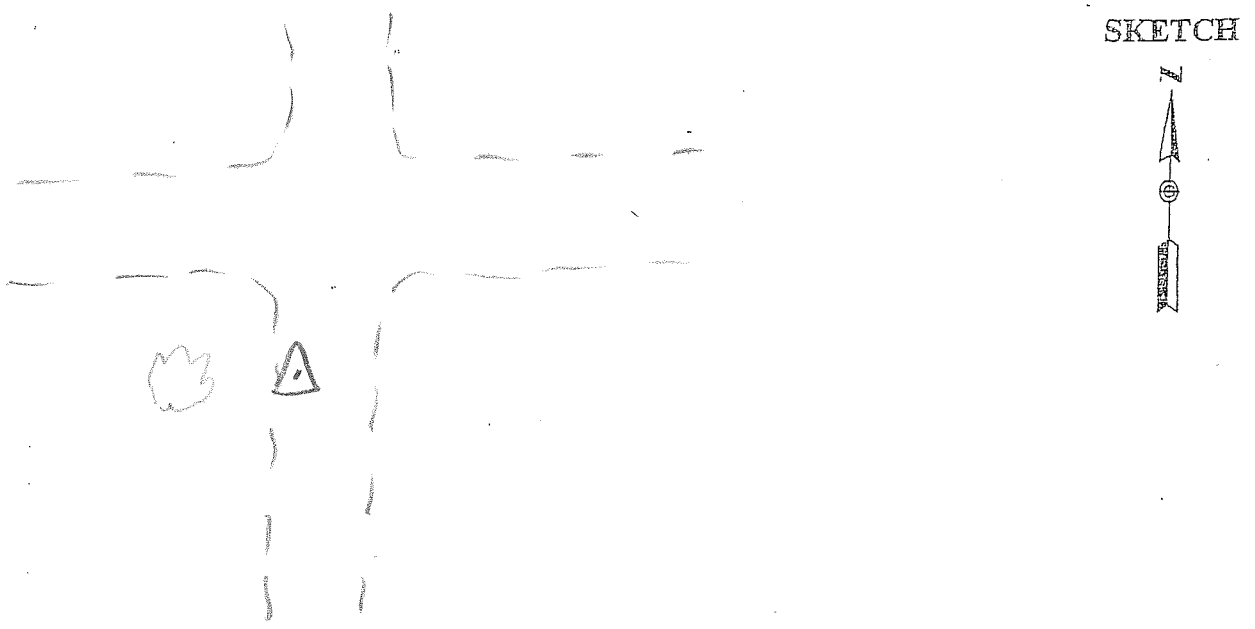
STATION DESCRIPTIONS w. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 955 | 2.3 | 7/7 |
| 1015 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205 /willacy
OPERATOR MB
DATE 2·11·11

SITE NUMBER 5
SITE NAME ~~75~~ 275

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:21a.
STOP 9:42a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
(500) (0.360)

OBSTRUCTIONS: none
Water tower WNW

HEIGHT READINGS MTS FT
1.435

STATION DESCRIPTIONS W. side road

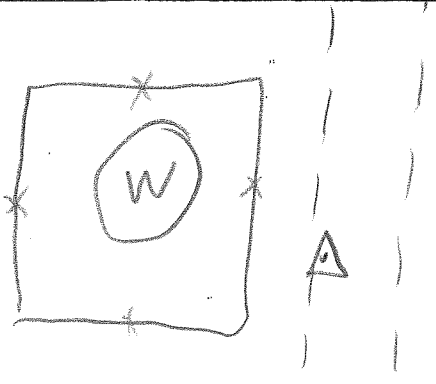
1.795

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1021 | 2.5 | 9/9 |
| 1042 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 6
SITE NAME ~~76~~ 276

TRACKING TIMES (LOCAL) MEASURE ✓
START 9:51 a.
STOP 10:14 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.367
1.787

OBSTRUCTIONS: none

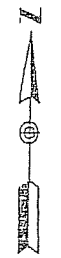
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1051 | 5.2 | 7/7 |
| 1114 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 ✓ PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 7
SITE NAME ~~77~~ 277

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:28 a.
STOP 10:46 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/~~9500~~ ~~0.389~~
~~500~~ 0.360

HEIGHT READINGS MTS FT
1.305
1.665

OBSTRUCTIONS: none

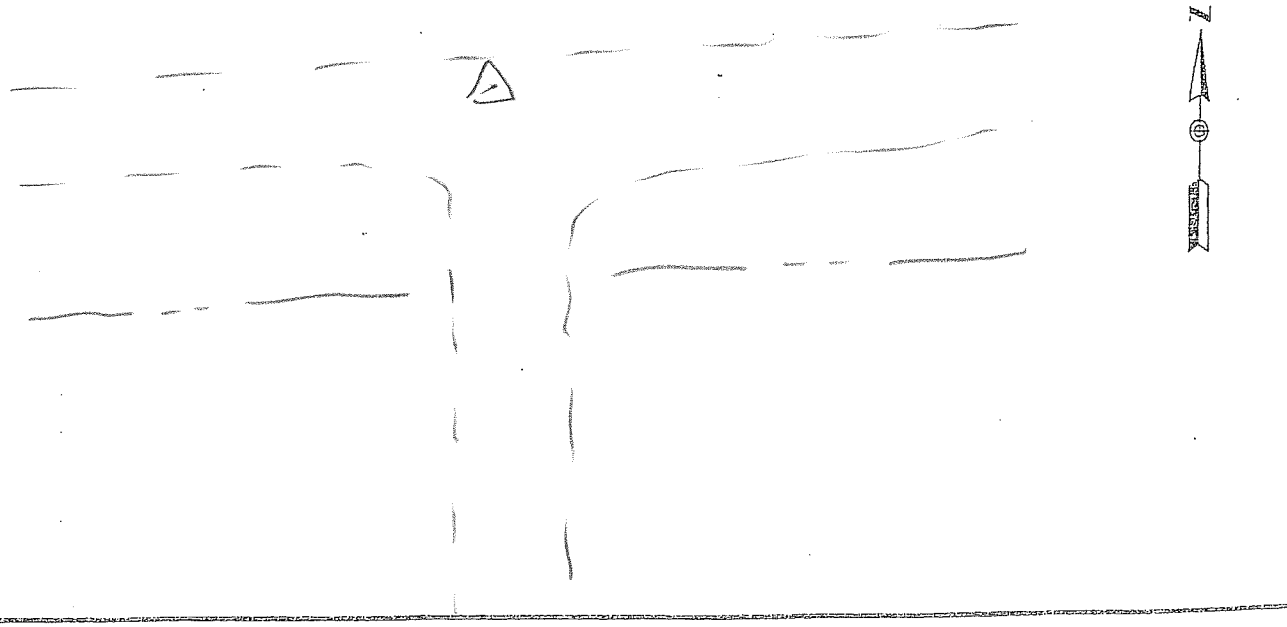
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 11 28 | 2.6 | 8/8 |
| 11 46 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 8
SITE NAME ~~78~~ 278

TRACKING TIMES (LOCAL) MEASURE ✓
START 10:58a.
STOP 11:16a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.339~~
500 0.360

HEIGHT READINGS MTS FT
1.351

1711

OBSTRUCTIONS: tree SE

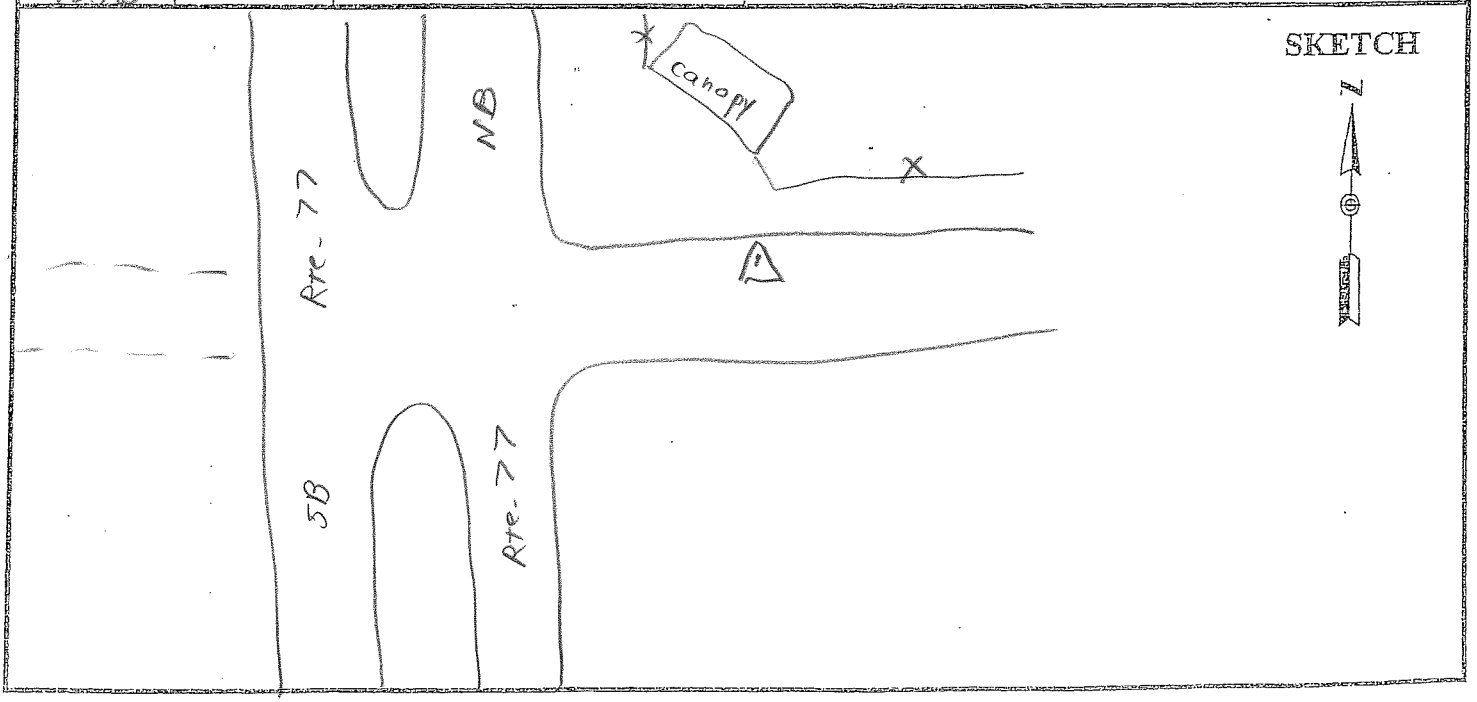
STATION DESCRIPTIONS N. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1158 | 1.6 | 6/6 |
| 1216 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 9
SITE NAME 79 279

TRACKING TIMES (LOCAL) MEASURE ✓
START 11:31 a.
STOP 11:58 a.

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.360
1.720

STATION DESCRIPTIONS N side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1231 | 1.5 | 9/9 |
| 1253 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205 / willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 10
SITE NAME ~~80~~ 280

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:01 p
STOP 12:24 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.364

STATION DESCRIPTIONS E. side road

1724

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1301 | 2.1 | 8/8 |
| 1324 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

VRT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 11
SITE NAME ~~81~~ 281

TRACKING TIMES (LOCAL) MEASURE ✓
START 12:30p
STOP 12:56p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
~~399E/9500~~ ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.340
1.700

OBSTRUCTIONS: none

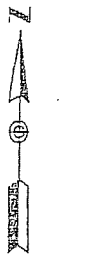
STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1330 | 1.8 | 9/9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√PT

PROJECT 1-101205/Willacy
OPERATOR MB
DATE 2·11·11

SITE NUMBER 12
SITE NAME ~~82~~ 282

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:08 p
STOP 1:31 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
~~500~~ 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.333
1.693

STATION DESCRIPTIONS S. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1408 | 2.0 | 10/10 |
| 1431 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083 VPT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2.11.11

SITE NUMBER 13
SITE NAME ~~83~~ 283

TRACKING TIMES (LOCAL) MEASURE ✓
START 1:40 p
STOP 2:02 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 ~~0.389~~
500 0.360

HEIGHT READINGS MTS FT
1.335

1695

OBSTRUCTIONS: none

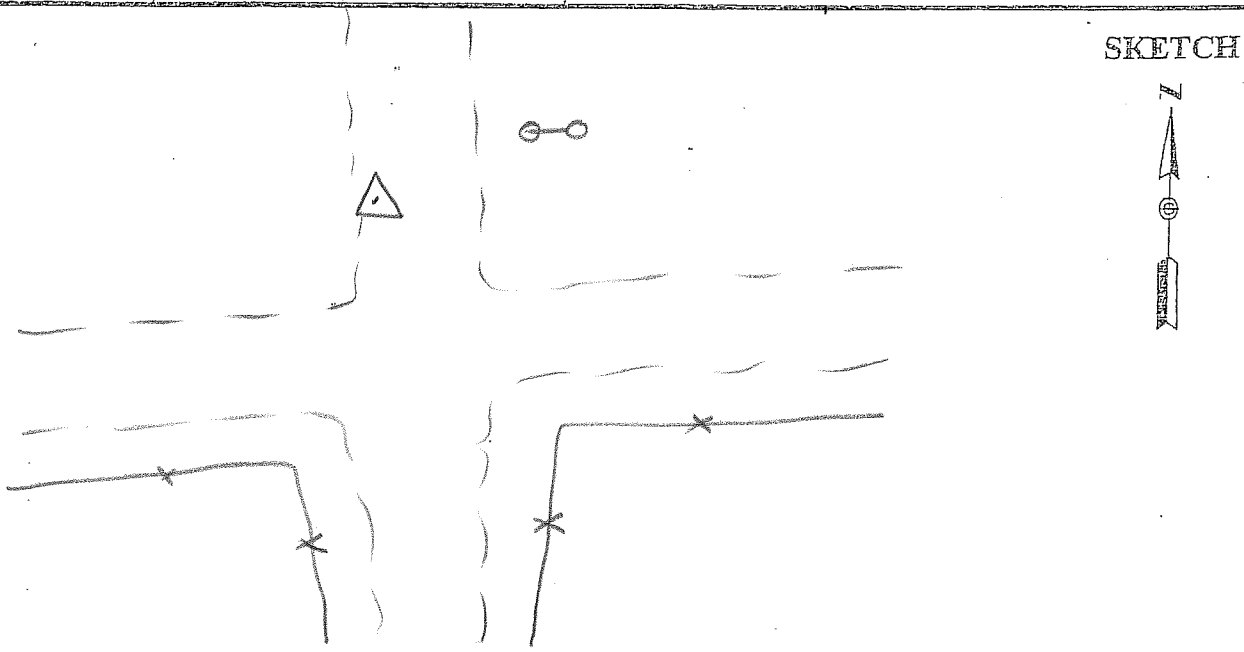
STATION DESCRIPTIONS W. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1440 | 2.1 | 10/10 |
| 1502 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

✓ PT

PROJECT 1-101205 / Willacy
OPERATOR MG
DATE 2.11.11

SITE NUMBER 14
SITE NAME ~~84~~ 284

TRACKING TIMES (LOCAL) MEASURE ✓
START 2:12 p
STOP 2:36 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.340
1.700

STATION DESCRIPTIONS E. side road

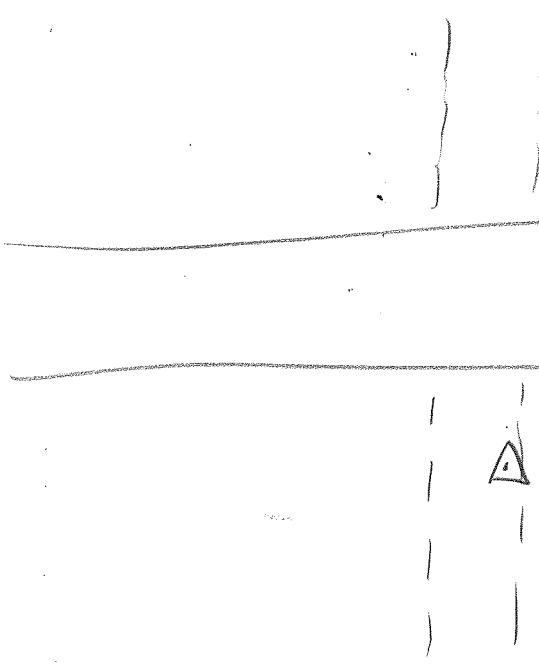
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1512 | 3.7 | 6/6 |
| 1536 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

√ PT

PROJECT 1-101205/willacy
OPERATOR MB
DATE 2-11-11

SITE NUMBER 15
SITE NAME ~~85~~ 285

TRACKING TIMES (LOCAL) MEASURE √
START 2:42 p
STOP 3:07 p

SENSOR TYPE 500 9500 399 299
MEMORY CARD 731
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
(500) (0.360)

OBSTRUCTIONS: none

HEIGHT READINGS MTS FT
1.411
1.771

STATION DESCRIPTIONS E. side road

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1542 | 2.1 | 10/10 |
| 1607 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY — BASE

PROJECT 110205
OPERATOR WJW
DATE 5/25/11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:06
STOP 17:37

SENSOR TYPE 500 9500 (399) 299
MEMORY CARD 67
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: TREES NW 4/10
RXR TRAFFIC

HEIGHT READINGS MTS FT
1.203
1.553

STATION DESCRIPTIONS SMALL NAIL
Fd
Set 1/29/11

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:06 | 2.2 | 9/9-9 |
| 22:37 | 2.2 | 9/9-10 |

Set 1/29/11
Fd. As Described

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

BASE

PROJECT 1101205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE CDT

START 13:31

STOP

SENSOR TYPE (500) 9500 399 299
MEMORY CARD
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.246

1-606

STATION DESCRIPTIONS SMALL NAIL Fd. Set 1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 18:31 | 2.0 | 9/9-9 |
| | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

MC

Set 1/29/11
Fd. As described

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJA
DATE 5/25/11

SITE NUMBER 1
SITE NAME ~~86~~ 286

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:42
STOP 14:04

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 ~~0.360~~

OBSTRUCTIONS: WATER TOWER SW

HEIGHT READINGS MTS FT
1-313
1-673

STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:42 | 2.0 | 9/9-9 |
| 19:04 | 2.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH

SHORT
LARGE GRASS FIELD

N

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 2
SITE NAME ~~87~~ 287

TRACKING TIMES (LOCAL) MEASURE CDT
START 14:18
STOP 14:43

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.333
1.693

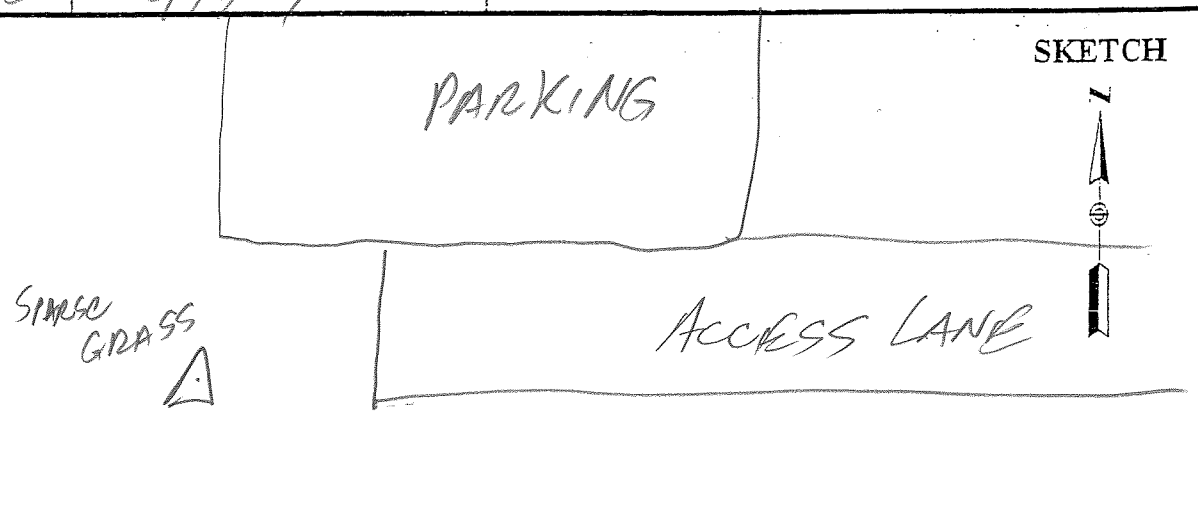
STATION DESCRIPTIONS POINT IN
SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1918 | 2.0 | 9/9-9 |
| 1943 | 2.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR MJN
DATE 5/25/11

SITE NUMBER 3
SITE NAME ~~88~~ 288

TRACKING TIMES (LOCAL) MEASURE CDT
START 14:53
STOP 15:15

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.305
1.665

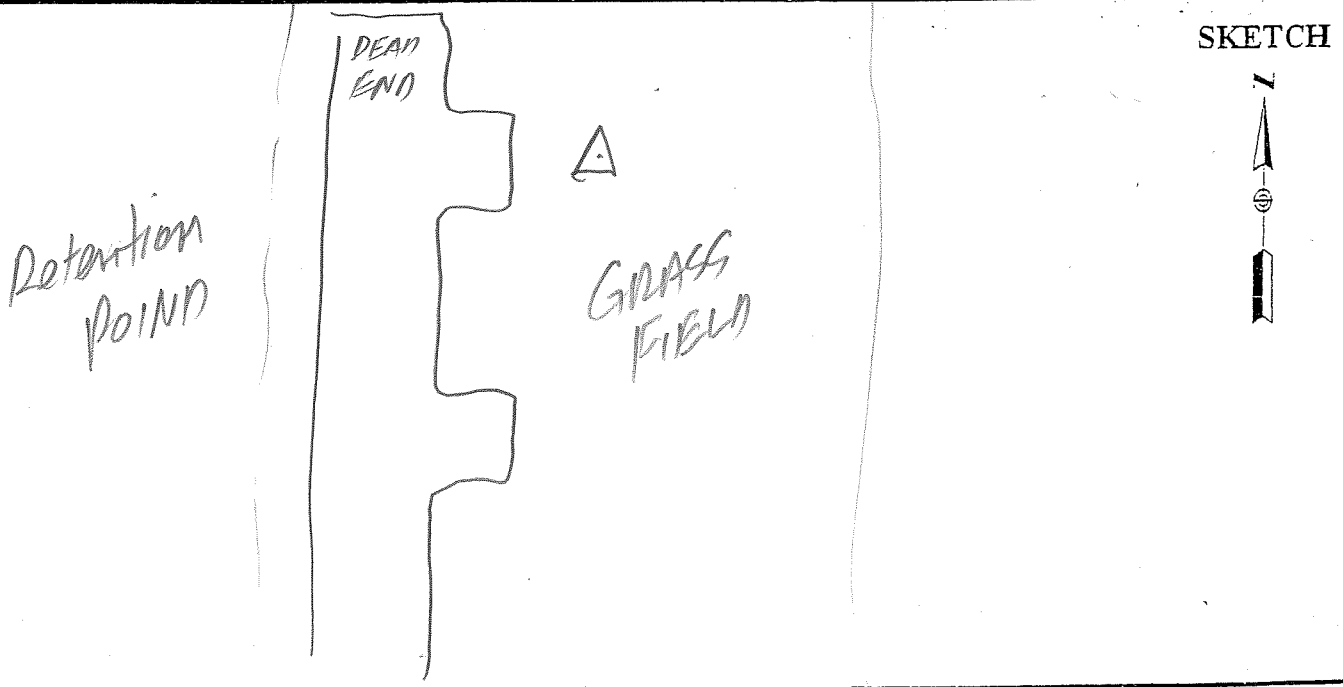
STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 19:53 | 2.6 | 7/7-8 |
| 20:15 | 2.3 | 8/10-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 4
SITE NAME ~~89~~ 289

TRACKING TIMES (LOCAL) MEASURE CDT
START 15:23
STOP 15:43

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS 1.292 FT

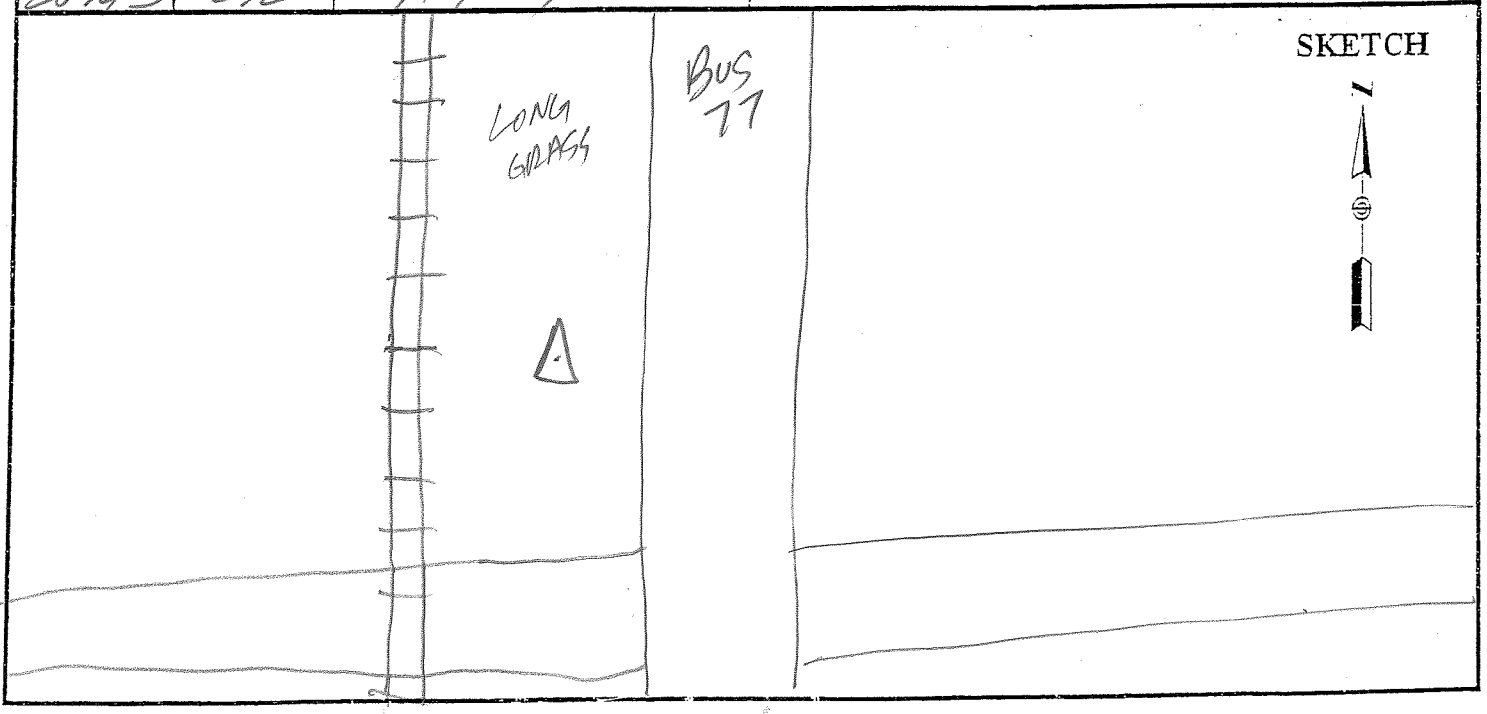
STATION DESCRIPTIONS POINT 11
LONG GRASS

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

| TIME | GDOP | SATELLITES |
|---|---|---|
| 20:23 | 2.4 | 9/9-9 |
| 20:43 | 2.2 | 9/9-9 |

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 110205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 5
SITE NAME ~~98~~ 290

TRACKING TIMES (LOCAL) MEASURE CDT
START 15:52
STOP 16:12

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.314
1.67d

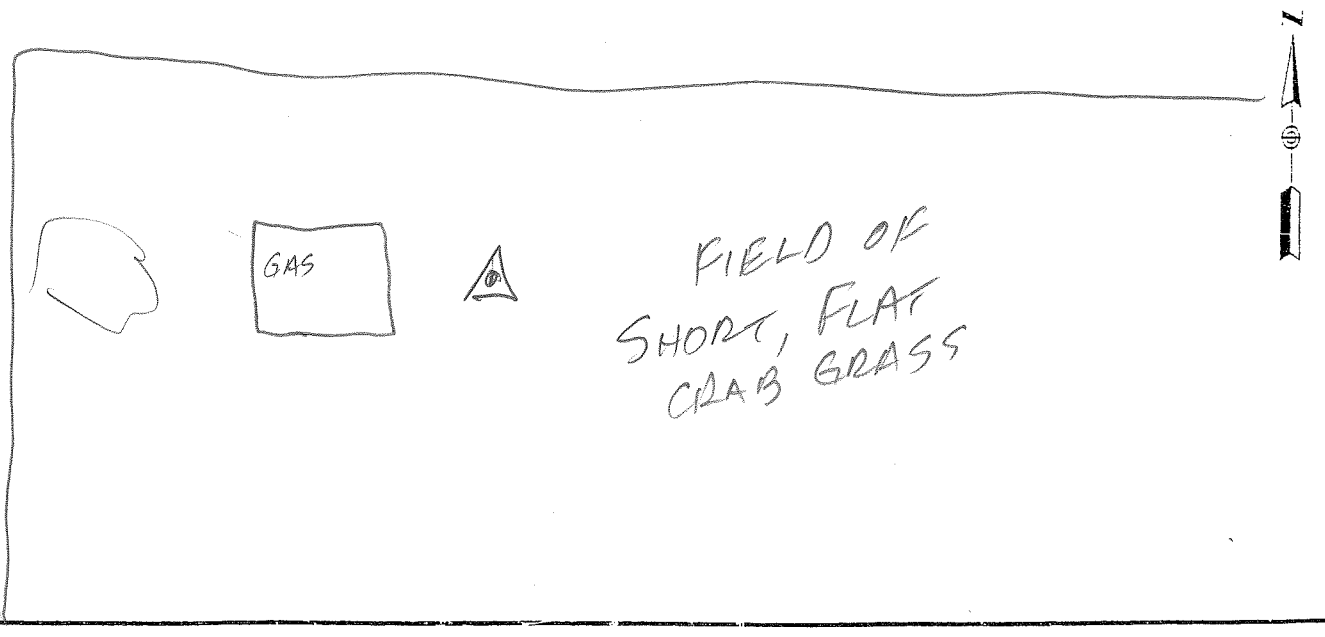
STATION DESCRIPTIONS POINT
1N SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 20:52 | 3.0 | 9/9-9 |
| 21:12 | 2.0 | 9/9-10 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 6
SITE NAME ~~4~~ 291

TRACKING TIMES (LOCAL) MEASURE CDT
START 16:19
STOP 16:37

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.291
1.651

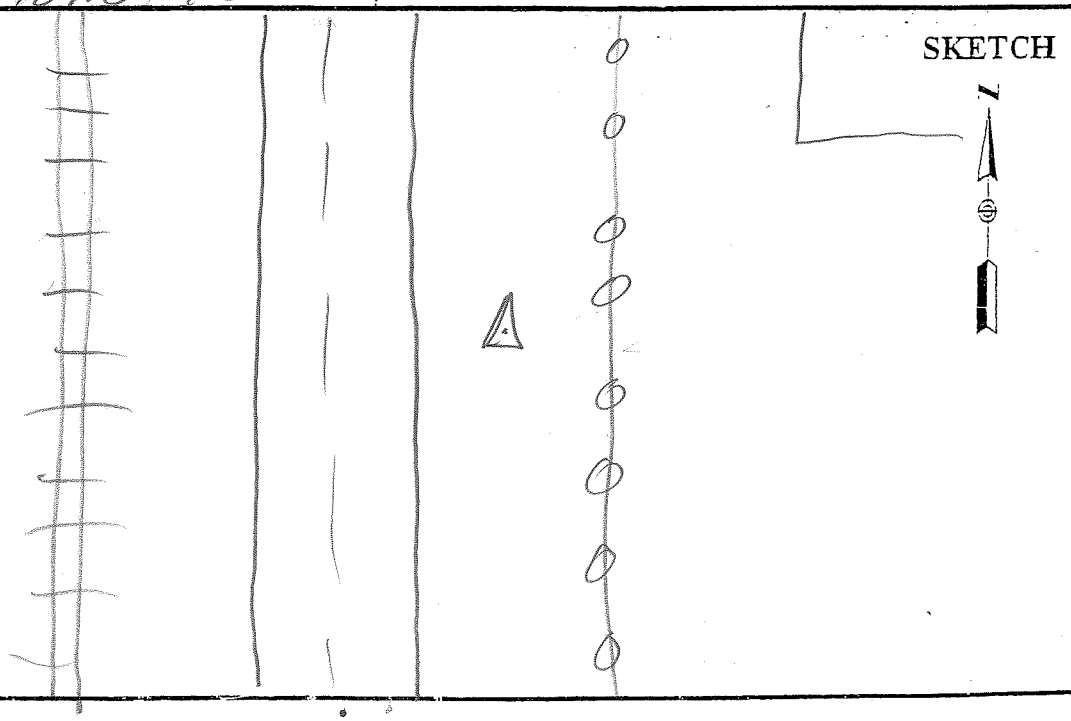
STATION DESCRIPTIONS POINT IN SHORT GRASS IN E R/W

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 21:19 | 2.4 | 9/9-10 |
| 21:37 | 2.0 | 10/10-10 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH




8 14 11 7

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 1101205
OPERATOR WJA
DATE 5/25/11

SITE NUMBER 7
SITE NAME ~~92~~ 292

TRACKING TIMES (LOCAL) MEASURE CDT
START 16:44
STOP 17:02

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

HEIGHT READINGS MTS FT
1.312
1.672

OBSTRUCTIONS: NO

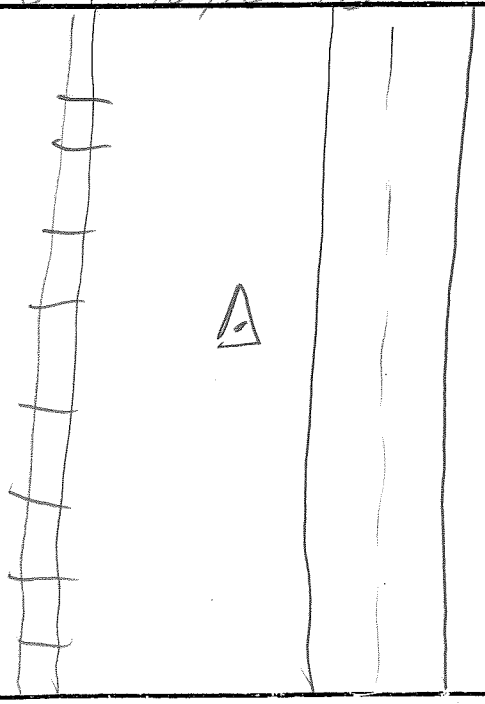
STATION DESCRIPTIONS POINT IN SHORT GRASS Between N-S RD AND RXR

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

| TIME | GDOP | SATELLITES |
|---|---|---|
| 21:44 | 2.0 | 10/10-10 |
| 22:02 | 2.0 | 10/10-10 |

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR HNN
DATE 5/25/11

SITE NUMBER 8
SITE NAME ~~93~~ 293

TRACKING TIMES (LOCAL) MEASURE CDT
START 17:09
STOP 17:28

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: TREES S

HEIGHT READINGS MTS FT
1.290
1.650

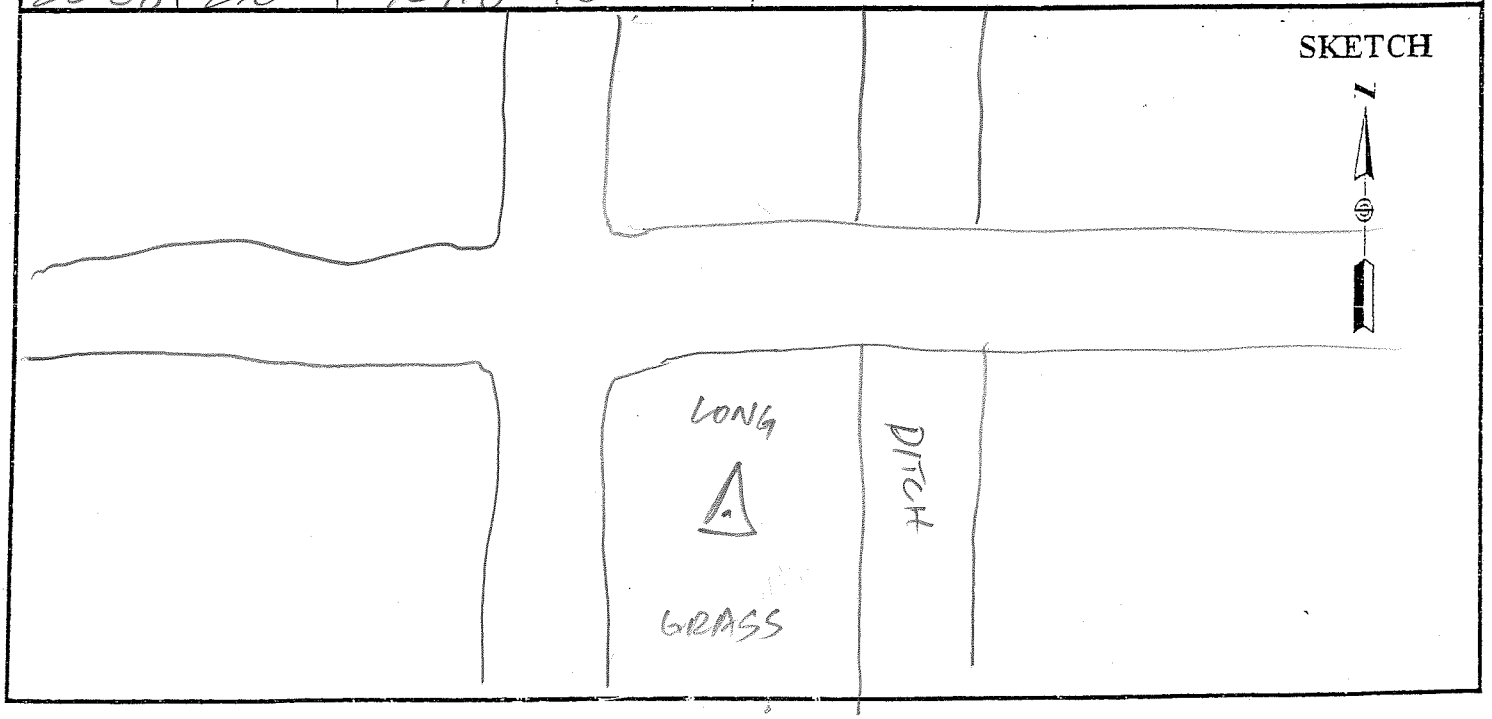
STATION DESCRIPTIONS POINT IN LONG GRASS S

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 22:09 | 1.8 | 10/10-11 |
| 22:28 | 2.0 | 10/10-10 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY — BASE

PROJECT 110205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:15
STOP 15:48

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 11
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.241
1.601

STATION DESCRIPTIONS NAIL SET
1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:15 | 2.5 | 10/10-10 |
| 20:48 | 3.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

AS BEFORE DESCRIBED

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACQ

BASE

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:45
STOP 16:08

SENSOR TYPE 500 9500 (399) 299
MEMORY CARD 67
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: TREES NW
RXR TRAFFIC

HEIGHT READINGS MTS FT
1.175
350
1.525

STATION DESCRIPTIONS NAIL set
1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:45 | 2.3 | 9/9-9 |
| 21:08 | 2.8 | 919-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH

AS BEFORE DESCRIBED



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

Willacy

1

PROJECT 110/205
OPERATOR WJN
DATE 5/25/11

SITE NUMBER 1
SITE NAME ~~94~~ 294

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:54
STOP 9:12

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: PPL So
OH Power lines

HEIGHT READINGS MTS FT
1.270
1.630

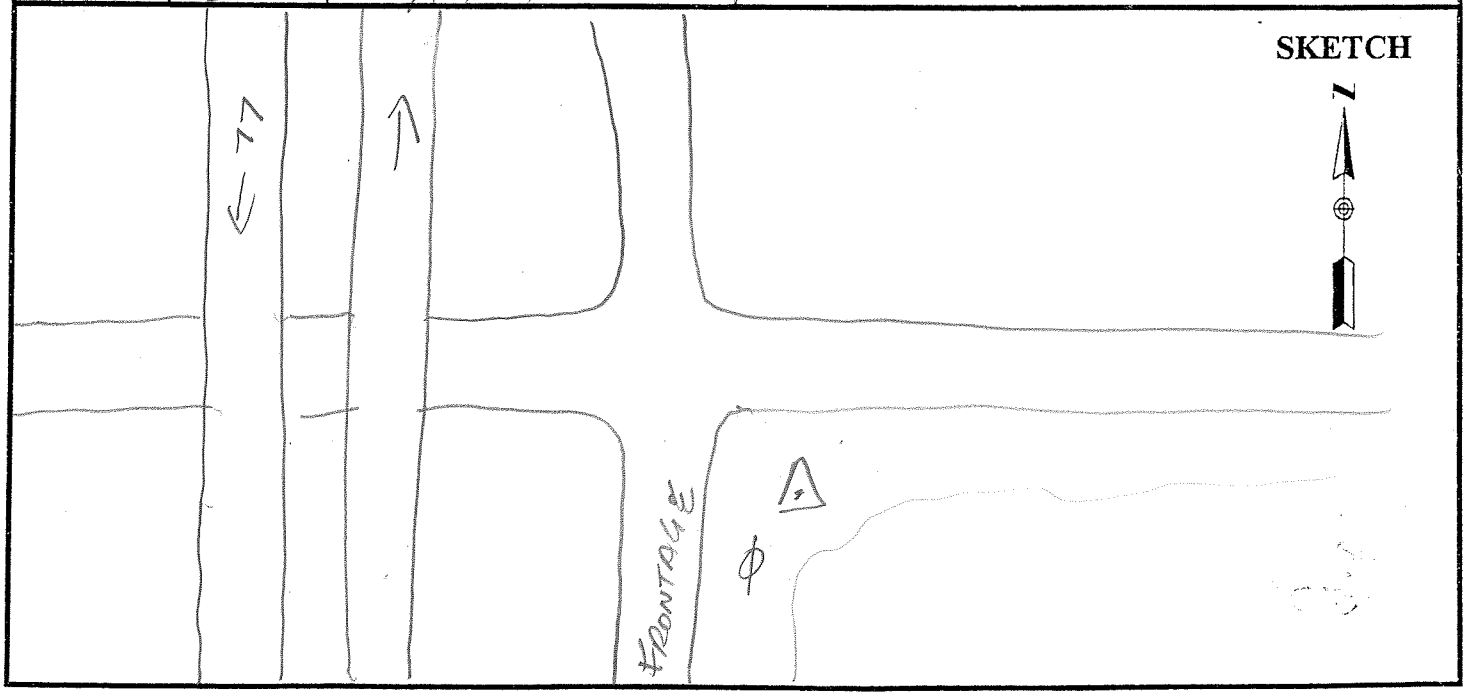
STATION DESCRIPTIONS POINT IN
SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1354 | 2.3 | 9/9-9 |
| 1412 | 2.2 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 2
SITE NAME ~~95~~ 295

TRACKING TIMES (LOCAL) MEASURE CDT
START 9:19
STOP 9:37

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.317
1.677

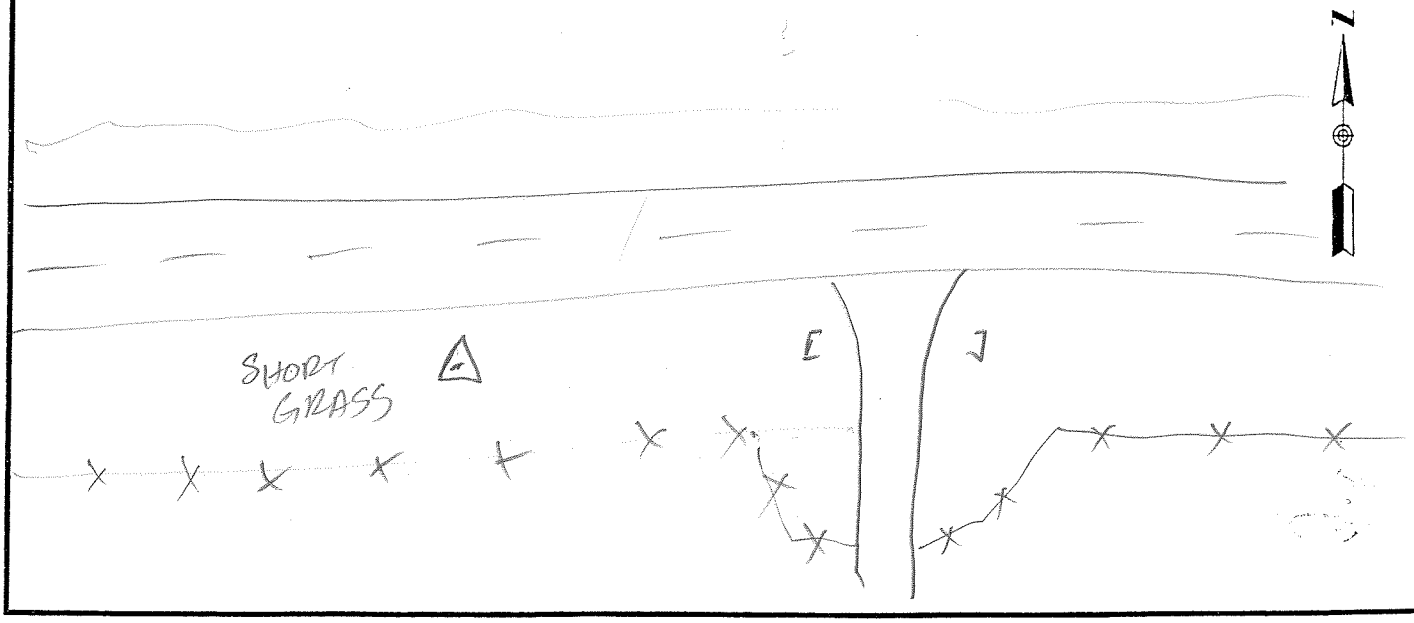
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 14:19 | 2.2 | 9/9-9 |
| 14:37 | | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

2

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 3
SITE NAME ~~9a~~ 296

TRACKING TIMES (LOCAL) MEASURE COI
START 9:44
STOP 10:02

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.376

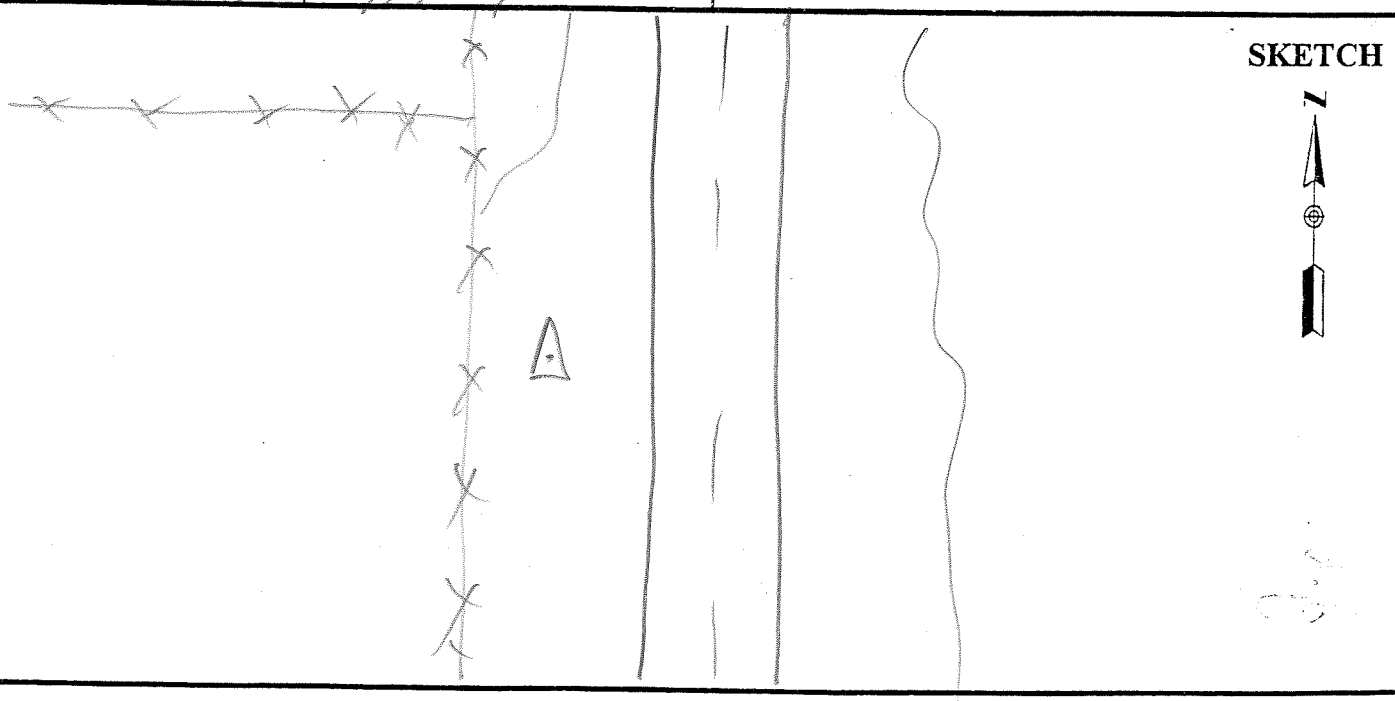
STATION DESCRIPTIONS POINT IN LONG GRASS IN W. R/W

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1444 | 1.8 | 9/9-9 |
| 1502 | 2.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 4
SITE NAME ~~97~~ 297

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:08
STOP 10:26

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: N/O

HEIGHT READINGS MTS FT
1.324
1.684

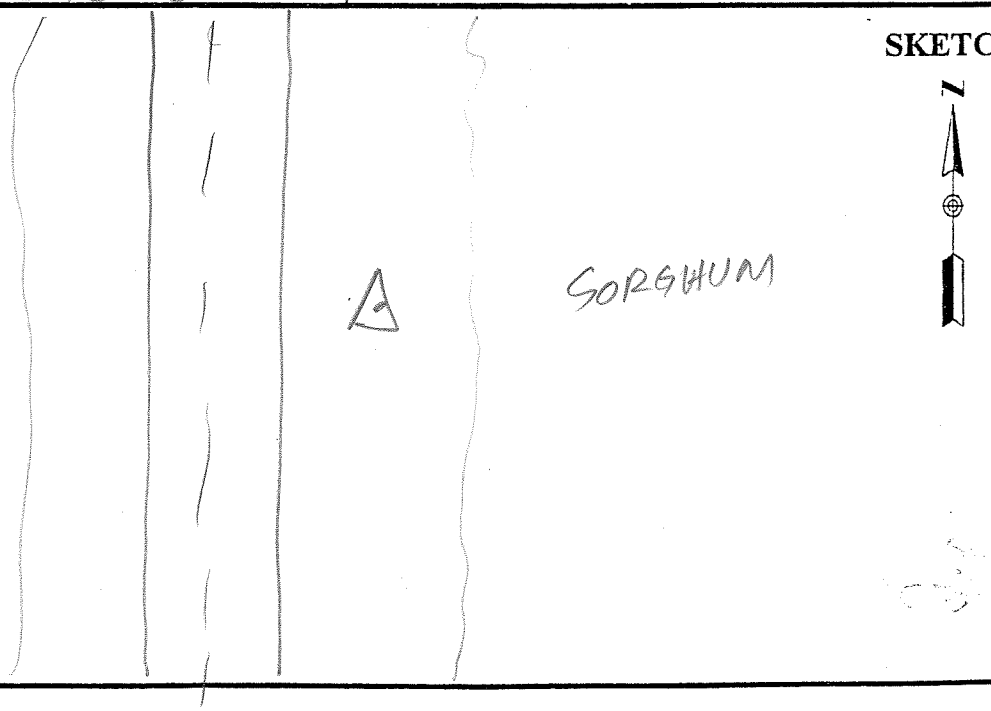
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 15:09 | 1.9 | 3/8-8 |
| 15:26 | 2.0 | 3/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

2

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 5
SITE NAME ~~98~~ 298

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:37
STOP 10:55

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.298
1.658

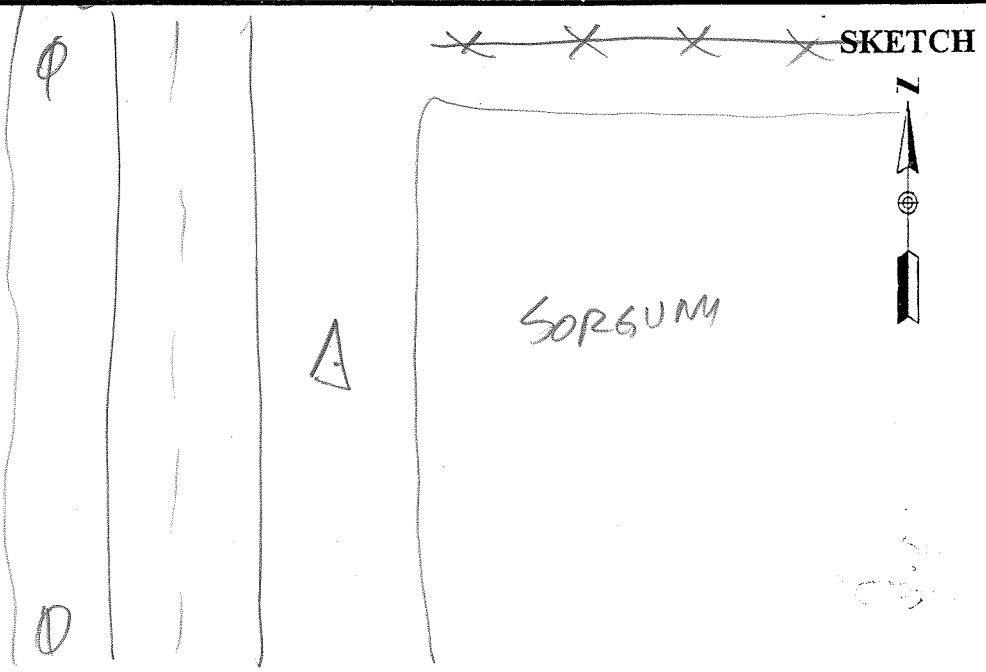
STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 15 37 | 2.5 | 7/7-7 |
| 15 55 | 2.2 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 6
SITE NAME 99 299

TRACKING TIMES (LOCAL) MEASURE CDT
START 11:03
STOP 11:23

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.330
1.690

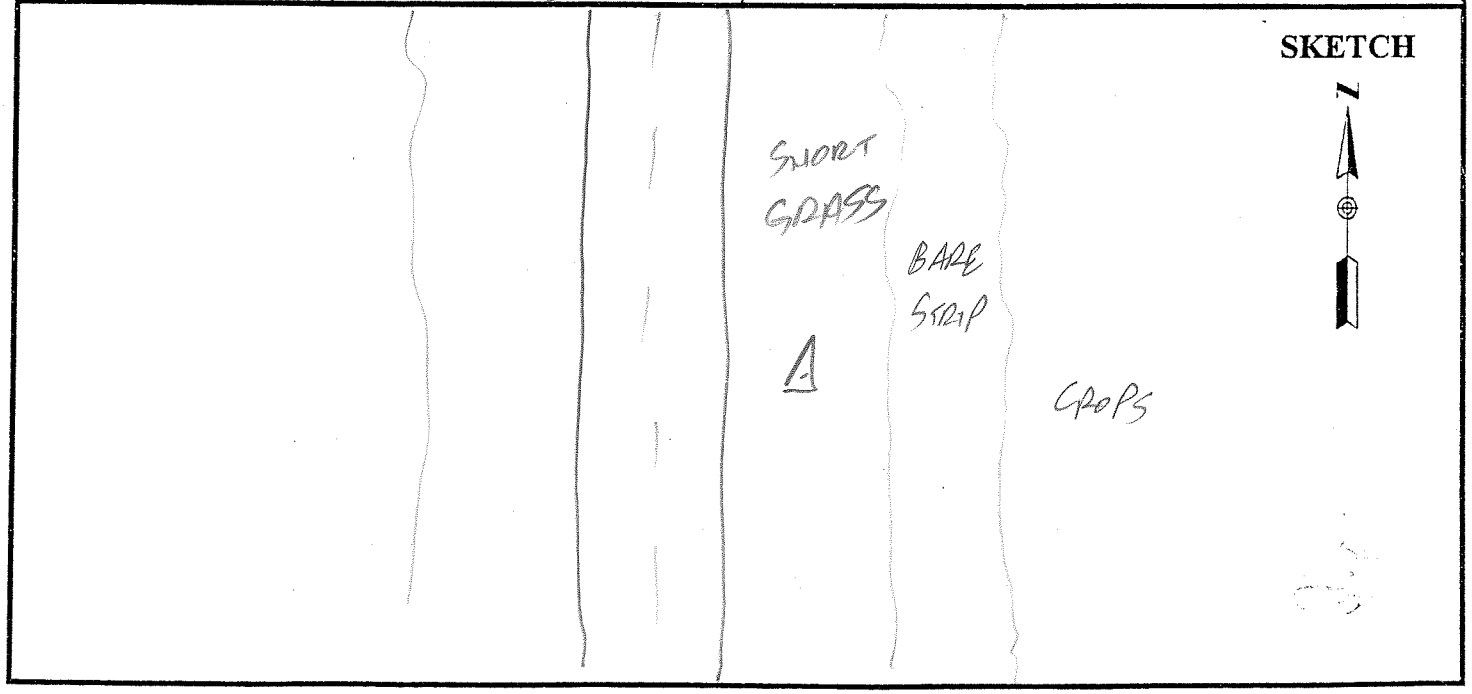
STATION DESCRIPTIONS POINT, N
SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1603 | 2.4 | 8/8-8 |
| 1623 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



# AERO-METRIC, INC.
# 4020 TECHNOLOGY PARKWAY
# SHEBOYGAN, WISCONSIN 53083

WILLACY

PROJECT 101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 7
SITE NAME ~~102~~ 300

TRACKING TIMES (LOCAL) MEASURE CDT
START 11:33
STOP 11:55

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: No

HEIGHT READINGS MTS FT
1.296
1.656

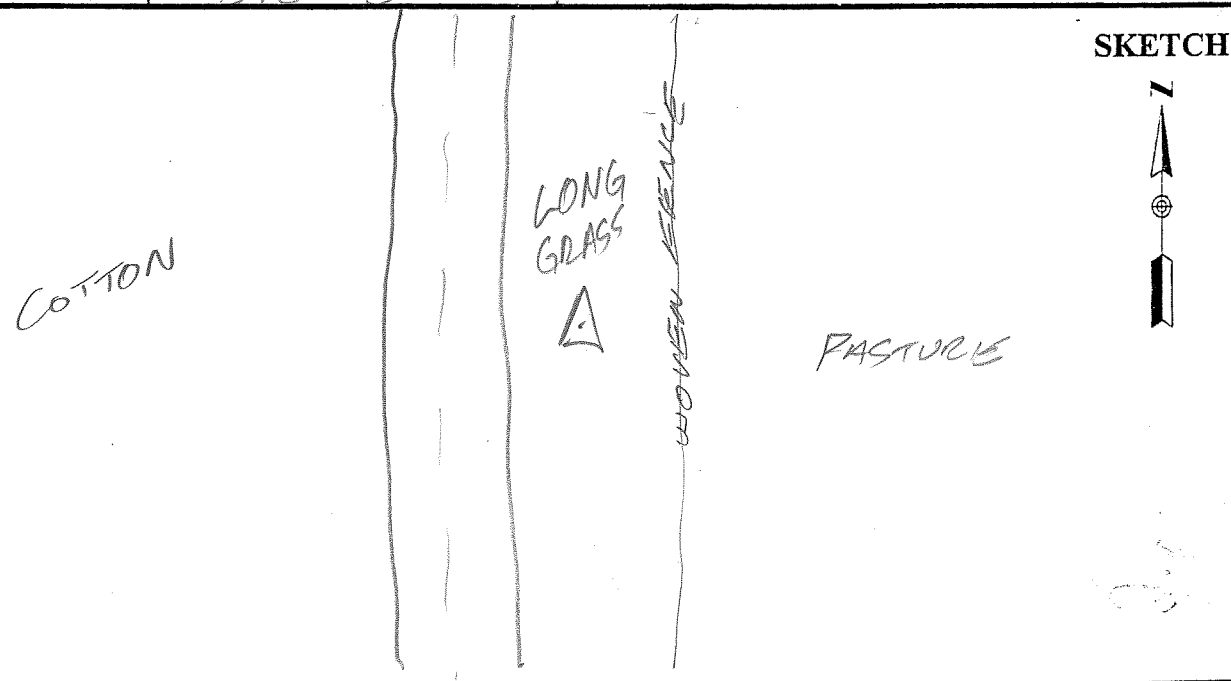
STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 16:33 | 2.1 | 9/8-8 |
| 16:55 | 2.1 | 9/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



Willacy

**AERO-METRIC, INC.**
**4020 TECHNOLOGY PARKWAY**
**SHEBOYGAN, WISCONSIN 53083**

| | |
|---|---|
| PROJECT 1101205 | SITE NUMBER 8 |
| OPERATOR WJN | SITE NAME ~~101~~ 301 |
| DATE 5/26/11 | |

TRACKING TIMES (LOCAL) MEASURE CDT

START 12:02

STOP 12:26

SENSOR TYPE (500) 9500 399 299

MEMORY CARD 14

BATTERY NO.

CONTROLLER NO.

SENSOR NO.

SENSOR CONSTANT

| | |
|---|---|
| 299/399 | 0.441 |
| 399E/9500 | 0.389 |
| 500 | (0.360) |

HEIGHT READINGS

| MTS | FT |
|---|---|
| 1.288 | |
| 1.648 | |

OBSTRUCTIONS: NO

STATION DESCRIPTIONS POINT IN SPARSE GRASS

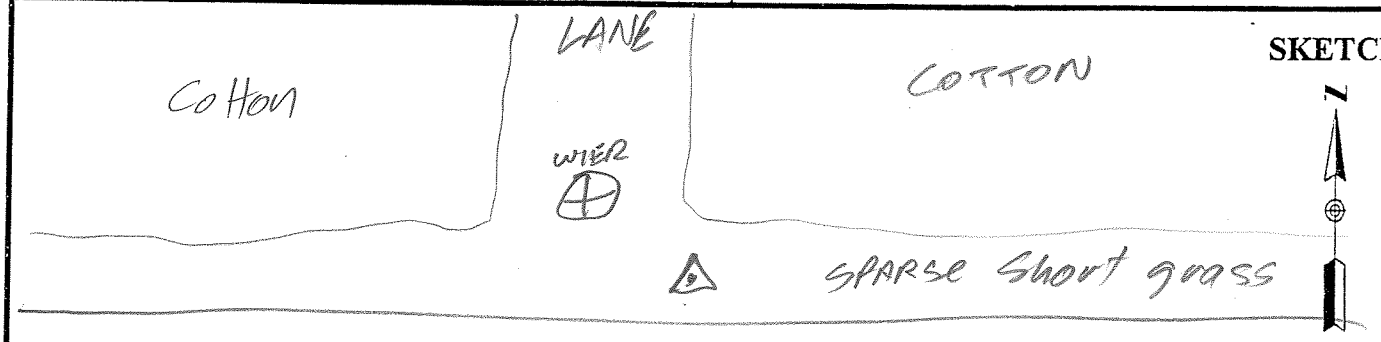
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 17 02 | 2.0 | 9/9-9 |
| 17 26 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 9
SITE NAME ~~102~~ 302

TRACKING TIMES (LOCAL) MEASURE CDT
START 12:33
STOP 12:58

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.334
1.694

STATION DESCRIPTIONS POINT IN FLAT AREA OF R/W VERY SPARSE WEEDS, GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 17:33 | 2.0 | 10/10-10 |
| 17:58 | 2.9 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 10
SITE NAME ~~103~~ 303

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:08
STOP 13:35

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.316
1.676

STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:08 | 2.0 | 9/9-9 |
| 13:35 | 2.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH




TX 186

A LONG GRASS

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 110/205
OPERATOR WJN
DATE 5/26/11

SITE NUMBER 11
SITE NAME ~~704~~ 304

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:44
STOP 14:10

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.331
1.691

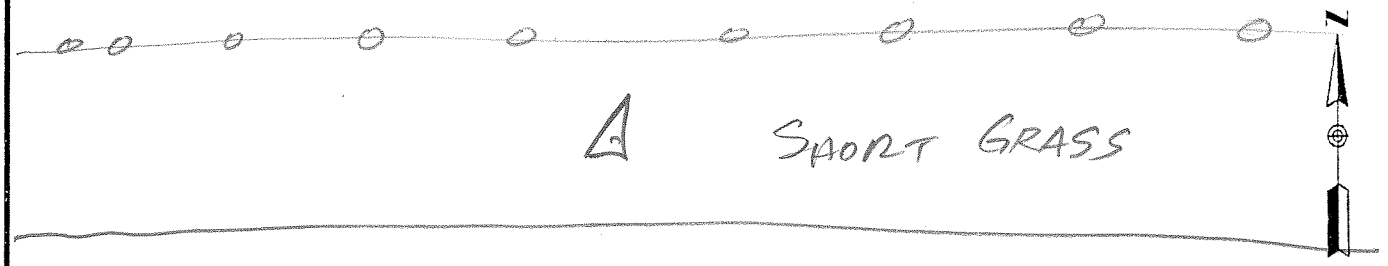
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1844 | 2.1 | 7/7-8 |
| 19:10 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



Wilcox

**AERO-METRIC, INC.**
**4020 TECHNOLOGY PARKWAY**
**SHEBOYGAN, WISCONSIN 53083**

| | |
|---|---|
| PROJECT 101205 | SITE NUMBER 12 |
| OPERATOR WJN | SITE NAME ~~705~~ 305 |
| DATE 5/26/11 | |

TRACKING TIMES (LOCAL) MEASURE CDT

START 14:30

STOP 15:03

SENSOR TYPE (500) 9500 399 299

MEMORY CARD 14

BATTERY NO.

CONTROLLER NO.

SENSOR NO.

SENSOR CONSTANT

| | |
|---|---|
| 299/399 | 0.441 |
| 399E/9500 | ~~0.389~~ |
| 500 | (0.360) |

OBSTRUCTIONS: NO

HEIGHT READINGS

| MTS | FT |
|---|---|
| 1.169 | |

1-529

STATION DESCRIPTIONS Set 12" Spike, Flush, IN LONG GRASS AREA OF TX 77 MEDIAN IN ℄, ±35' S. of SEDGE PARMT

SATELLITE OBSERVATIONS

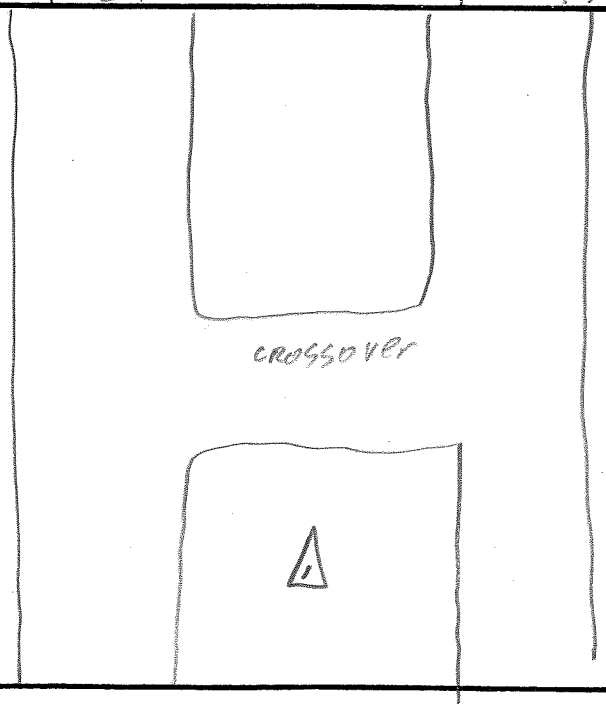
| TIME | GDOP | SATELLITES |
|---|---|---|
| 19:30 | 2.1 | 8/8-8 |
| | 2.2 | 8/ |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

MC

Approx L LL
26 32 48.8
97 46 24.7

SKETCH



# AERO-METRIC, INC.
## 4020 TECHNOLOGY PARKWAY
## SHEBOYGAN, WISCONSIN 53083

WILLACY

| | |
|---|---|
| PROJECT | 1101205 |
| OPERATOR | WJN |
| DATE | 5/26/11 |
| SITE NUMBER | 13 |
| SITE NAME | ~~106~~ 306 |

TRACKING TIMES (LOCAL) MEASURE CDT

| | |
|---|---|
| START | 15:15 |
| STOP | 15:40 |

SENSOR TYPE (500) 9500 399 299

| | |
|---|---|
| MEMORY CARD | 14 |
| BATTERY NO. | |
| CONTROLLER NO. | |
| SENSOR NO. | |

SENSOR CONSTANT

| | |
|---|---|
| 299/399 | 0.441 |
| 399E/9500 | 0.389 |
| 500 | (0.360) |

HEIGHT READINGS

| MTS | FT |
|---|---|
| 1.324 | |
| 1.684 | |

OBSTRUCTIONS: BLG E

STATION DESCRIPTIONS POINT 11
SHORT GRASS

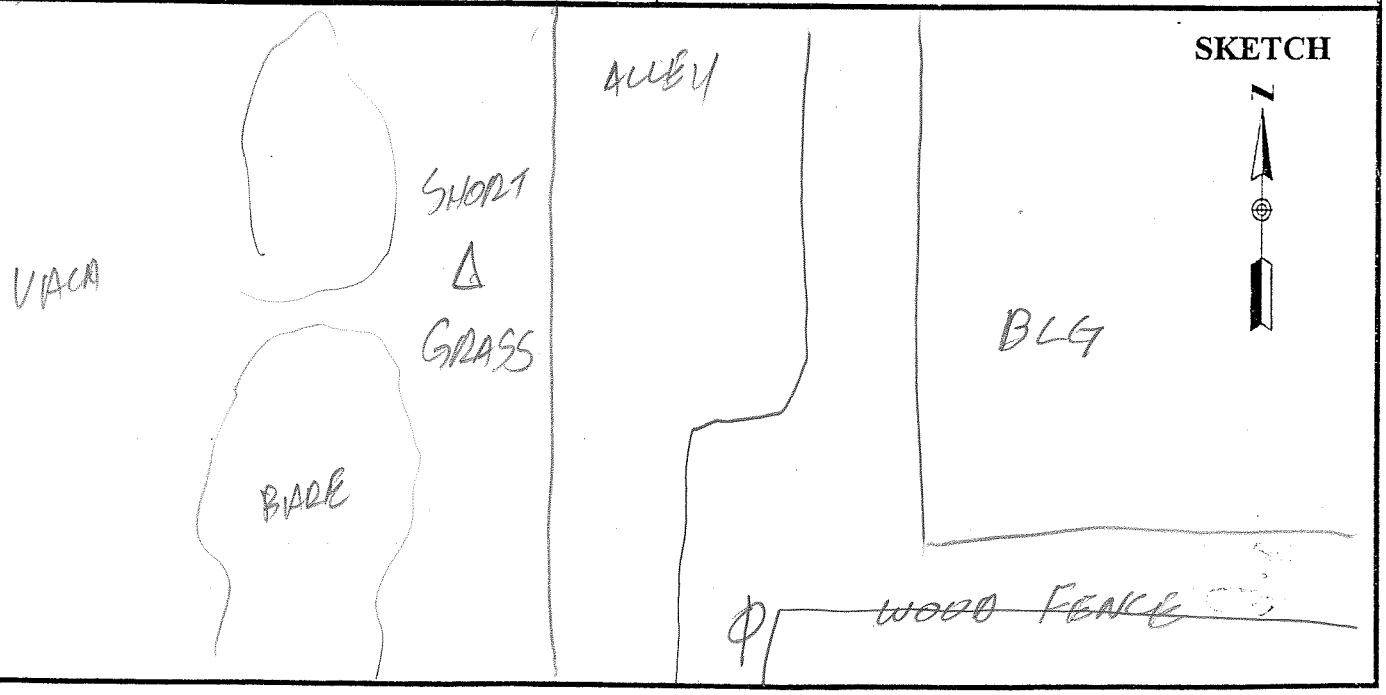
SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 20 15 | 2.3 | 9/9-9 |
| 20 40 | 2.5 | 7/7-7 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

BASP

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE CDT
START 7:43
STOP 14:15

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 1
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.269
1.629

STATION DESCRIPTIONS NAIL SET 1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 12:43 | 2.5 | 9/9-9 |
| 19:15 | 1.9 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

AS BEFORE DESCRIBED

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY — BASE

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 1
SITE NAME ~~785~~ 30 (ok)

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:07
STOP 14:02

SENSOR TYPE 500 9500 (399) 299
MEMORY CARD 67
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 0.360

HEIGHT READINGS MTS FT
1.228
1.578

OBSTRUCTIONS: NO

STATION DESCRIPTIONS 12" SPIKE Set 5/26/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:07 | 2.3 | 9/9-9 |
| 19:02 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH
AS BEFORE DESCRIBED

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 1
SITE NAME ~~107~~ 307

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:13
STOP

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.317
1.677

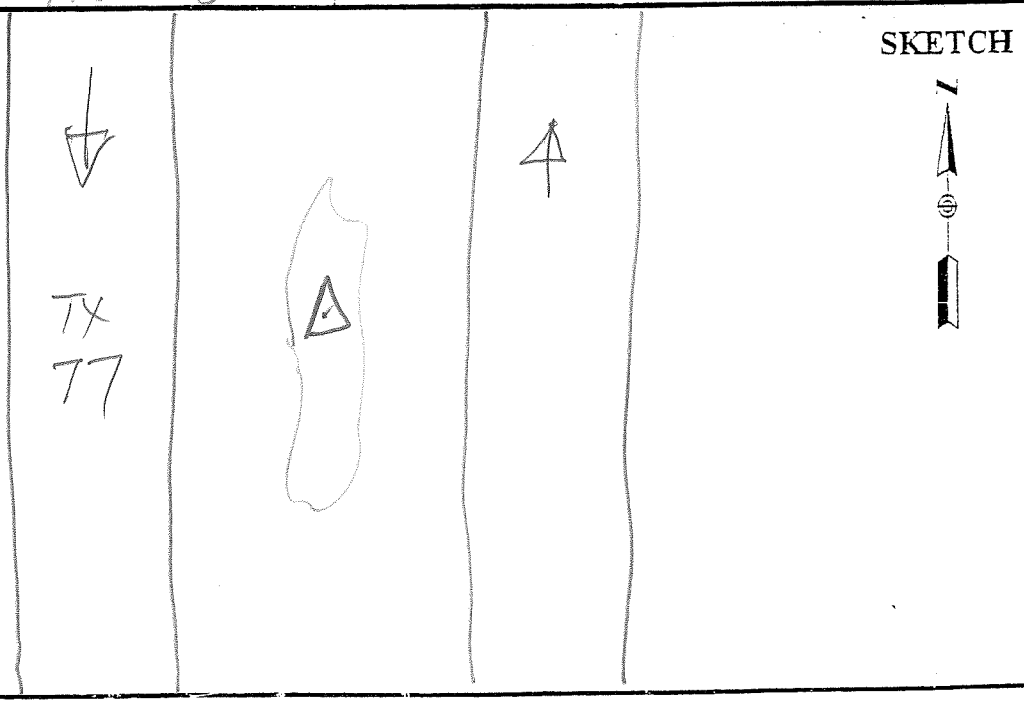
STATION DESCRIPTIONS POINT IN SPARE GRASS / SAND AREA IN MEDIAN

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:13 | 2.5 | 10/10-10 |
| 13:33 | 2.2 | 10/10-10 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/27/19

SITE NUMBER 7
SITE NAME ~~108~~ 308

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:39
STOP 8:58

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.216
1.576

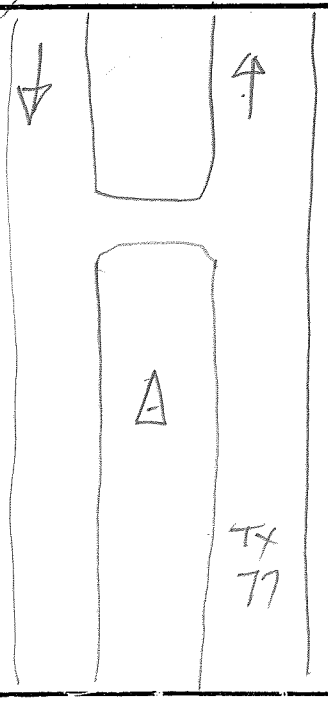
STATION DESCRIPTIONS POINT IN LONG, THICK GRASS IN ℄ MEDIAN

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:39 | 2.3 | 9/9-9 |
| 13:58 | 2.2 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 110205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 3
SITE NAME 709 309

TRACKING TIMES (LOCAL) MEASURE CDI
START 9:04
STOP 9:21

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 ~~0.360~~

HEIGHT READINGS MTS FT
1.286

OBSTRUCTIONS: NO

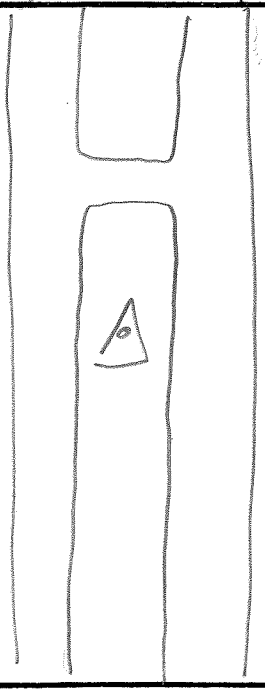
STATION DESCRIPTIONS POINT IN ℄ MEDIAN IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1404 | 1.7 | 10/10-10 |
| 1421 | 2.1 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



± 145'
S. OF ℄ CROSSOVER

N

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 4
SITE NAME HQ 310

TRACKING TIMES (LOCAL) MEASURE CDT
START 9:27
STOP 9:46

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: PALM TREES SE, SW

HEIGHT READINGS MTS FT
1.230
1.590

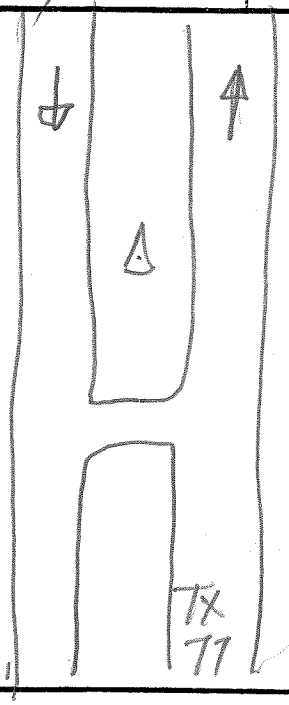
STATION DESCRIPTIONS POINT N & median in LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1427 | 2.0 | 9/9-9 |
| 1446 | 2.1 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




±165' N of
℄ crossover

N

2

WILLACY

# AERO-METRIC, INC.
## 4020 TECHNOLOGY PARKWAY
## SHEBOYGAN, WISCONSIN 53083

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 5
SITE NAME ## 311

TRACKING TIMES (LOCAL) MEASURE CDT
START 9:50
STOP X

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.321
1.681

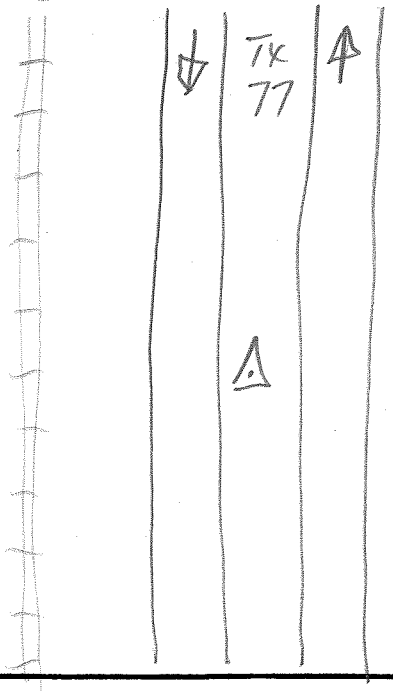
STATION DESCRIPTIONS POINT IN E median IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 14:50 | 1.7 | 9/9-9 |
| UNIT | POWERED OFF @ 14:59 | |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH






AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

HILLACY

PROJECT 1101205
OPERATOR HJN
DATE 5/27/11

SITE NUMBER 6
SITE NAME ~~HZ~~ 312

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:13
STOP 10:28

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: ~~TREES~~ E CAMP/APL SW

HEIGHT READINGS MTS FT
1.324

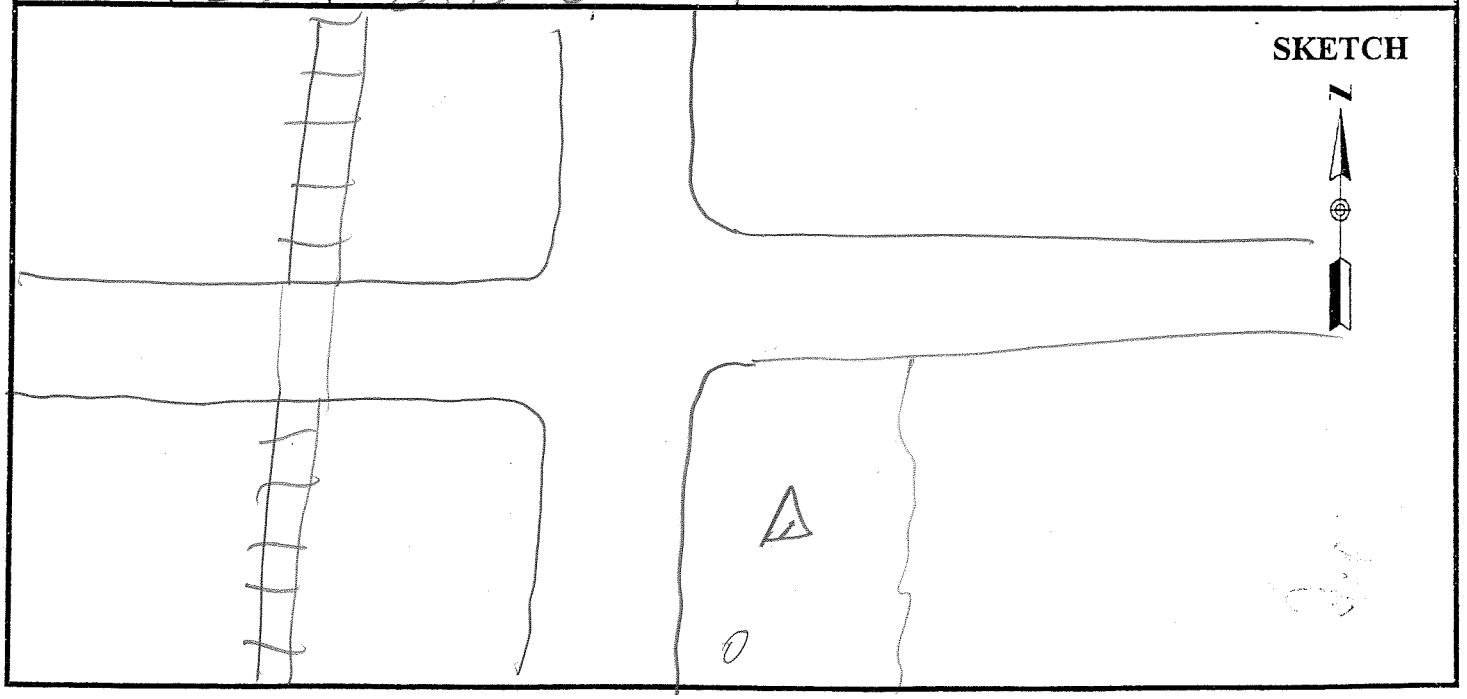
STATION DESCRIPTIONS POINT 1N SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 15 13 | 2.1 | 9/9-9 |
| 15 28 | 2.3 | 9/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

2

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 7
SITE NAME ~~HB~~ 313

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:42
STOP 10:57

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.287

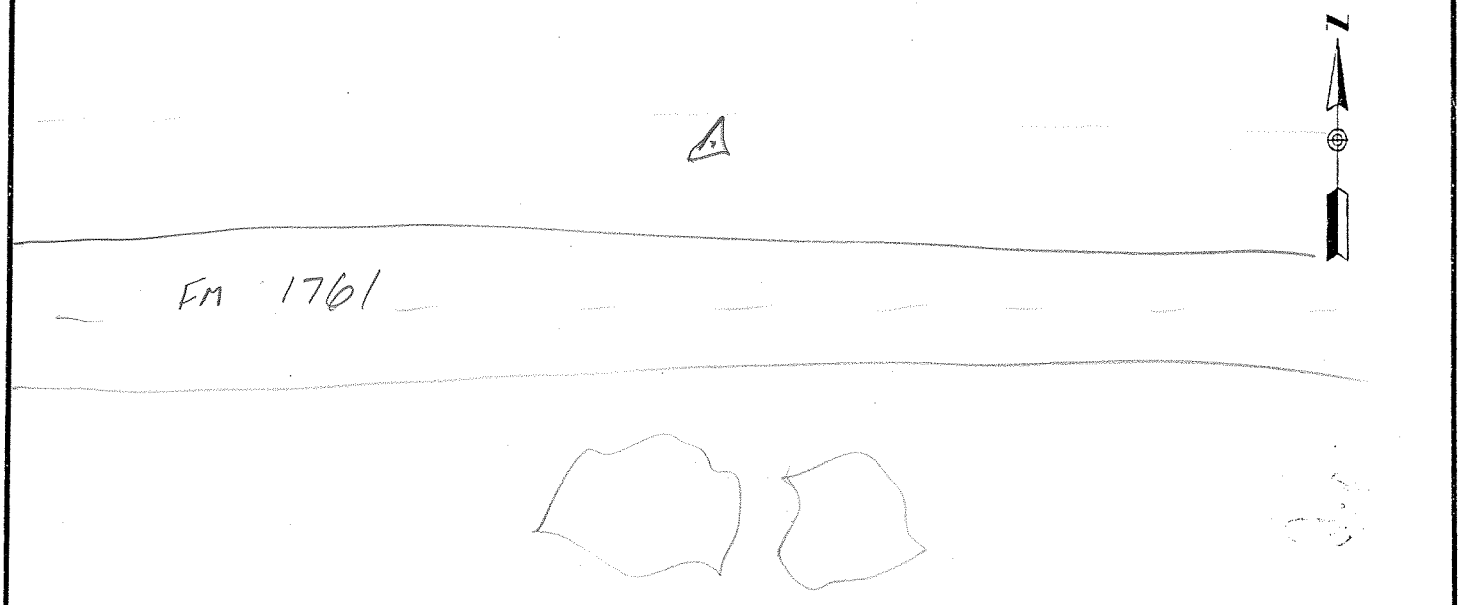
STATION DESCRIPTIONS POINT IN LONG GRASS IN N. P/U

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 15:42 | 2.3 | 8/8-8 |
| 15:57 | 2.4 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 8
SITE NAME ~~114~~ 314

TRACKING TIMES (LOCAL) MEASURE CDT
START 11:06
STOP 11:22

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.322
1.682

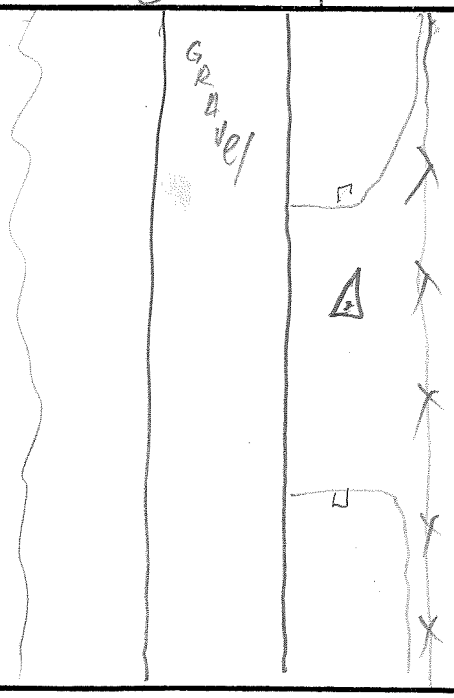
STATION DESCRIPTIONS POINT IN SHORT GRASS IN E R/W OF N-S RD

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 16:06 | 2.3 | 8/8-8 |
| 16:22 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
CLEARING

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 9
SITE NAME ~~HS~~ 315

TRACKING TIMES (LOCAL) MEASURE CDT
START 11:34
STOP 11:51

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.335
1.695

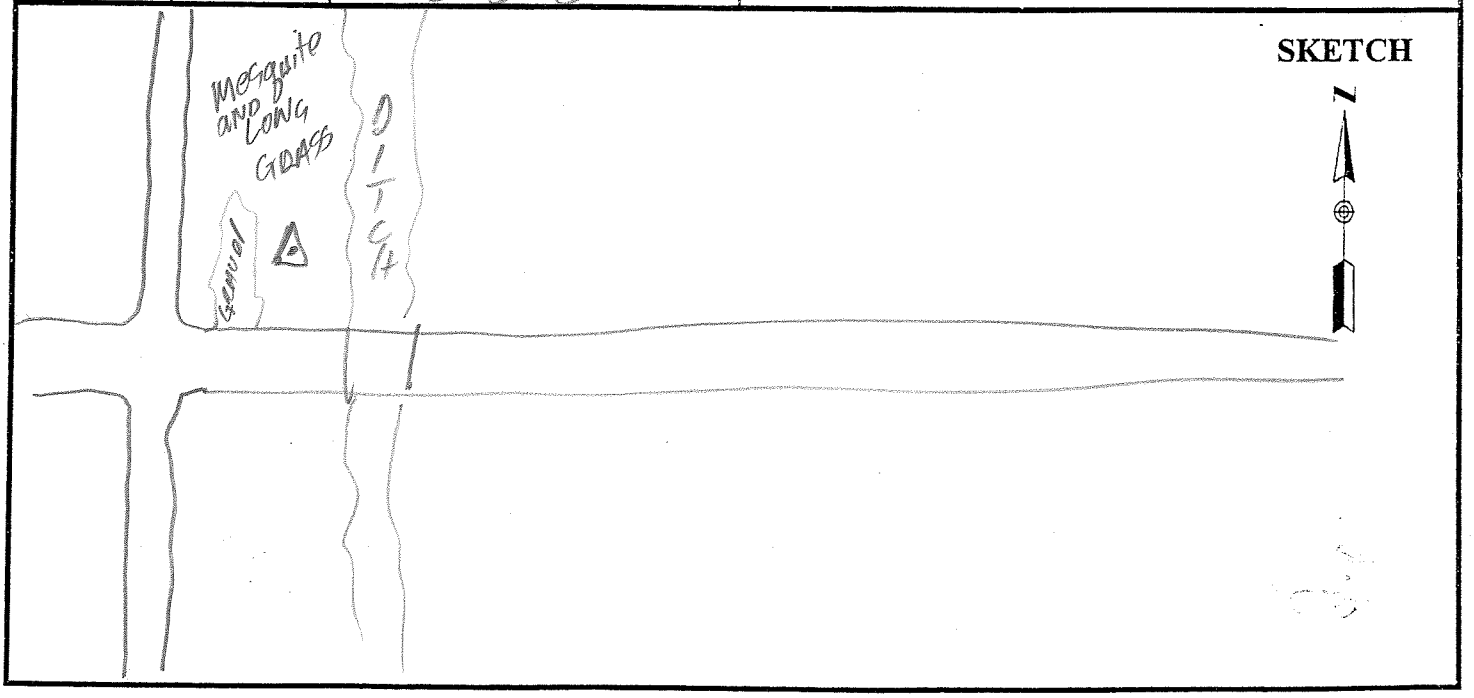
STATION DESCRIPTIONS POINT IN LONG GRASS, MIXED Vegetation

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 16 34 | 2.3 | 8/8-8 |
| 16 51 | 2.1 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 10
SITE NAME HW 316

TRACKING TIMES (LOCAL) MEASURE CDT
START 12:02
STOP 12:19

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: OH Power
LINS

HEIGHT READINGS MTS FT
1.324 1.684

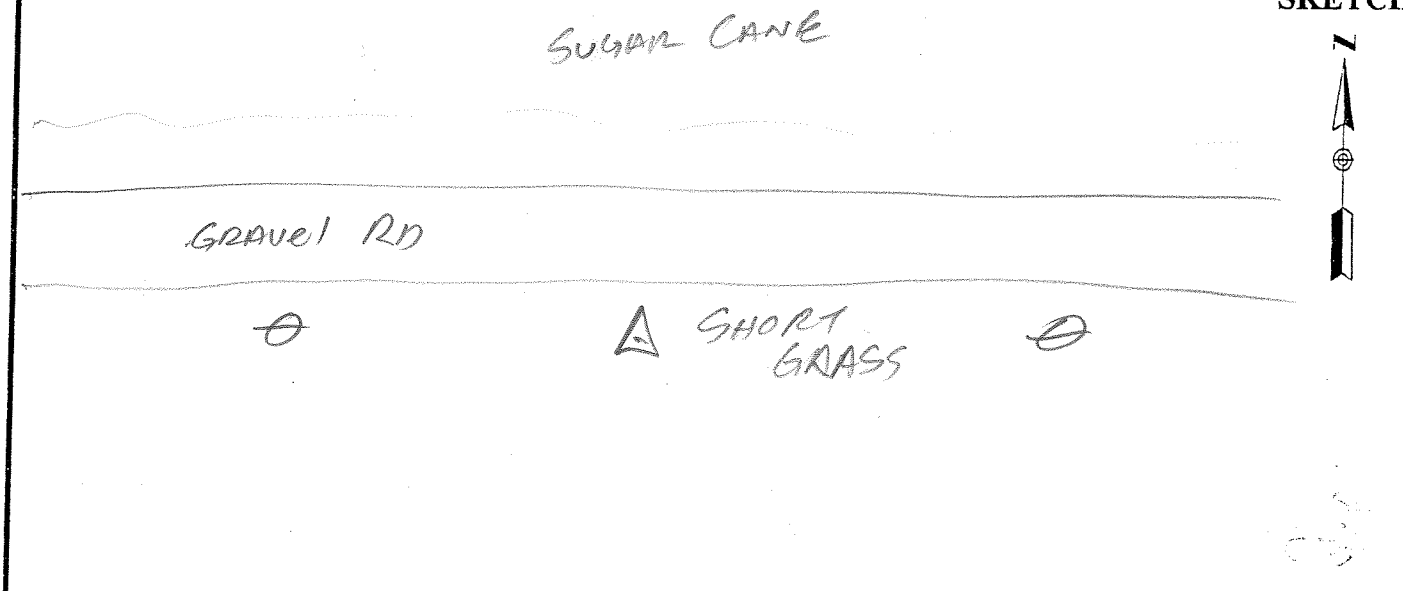
STATION DESCRIPTIONS POINT IN
SHORT GRASS IN S.
R/W.

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1702 | 2.1 | 8/8-9 |
| 1719 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 11
SITE NAME TX 317

TRACKING TIMES (LOCAL) MEASURE CDT
START 12:29
STOP 12:46

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.304
1.664

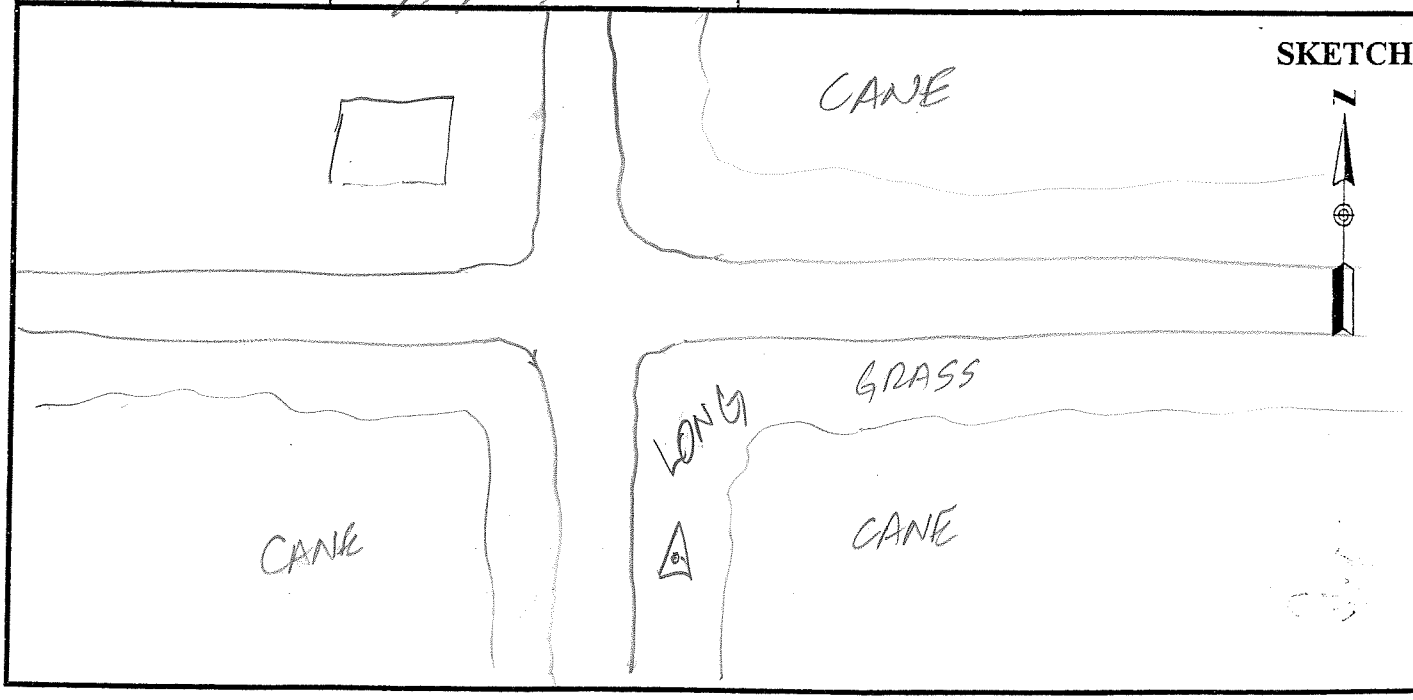
STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 17:29 | 2.0 | 10/10-10 |
| 17:46 | 2.0 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 101205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 12
SITE NAME ~~48~~ 318

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:09
STOP 13:26

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 4
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 ~~0.360~~

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.306
1.666

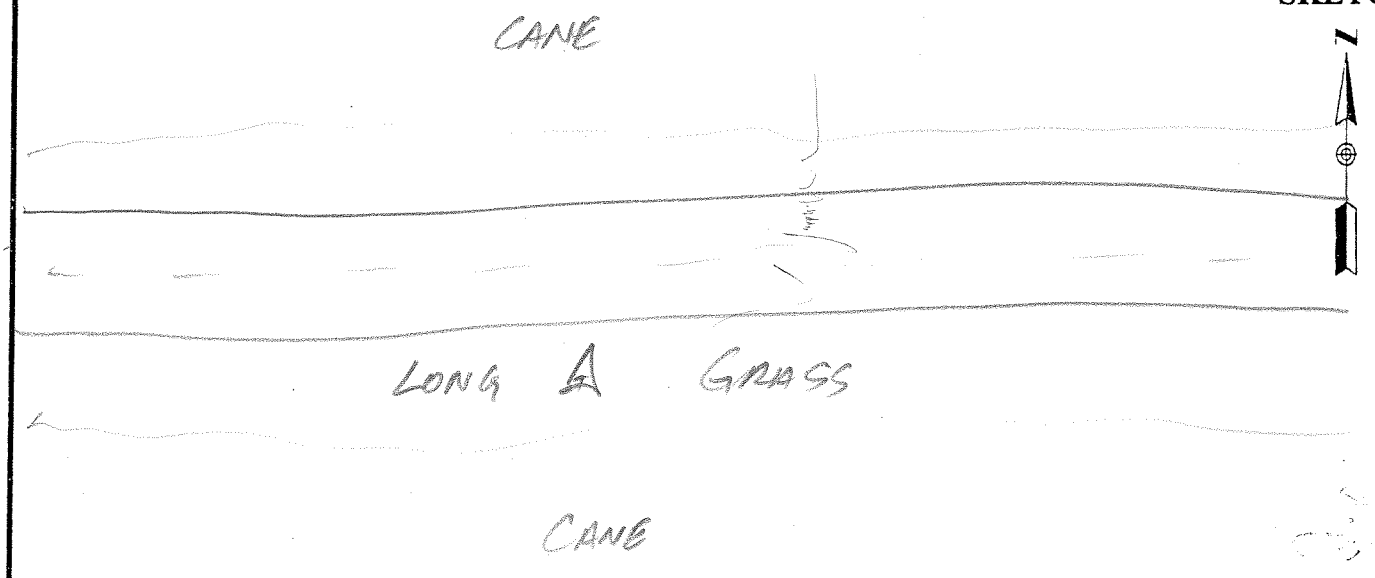
STATION DESCRIPTIONS POINT IN S. R/W IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:09 | 2.1 | 8 13 8 |
| 18 26 | 2.1 | 8 13 8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 110205
OPERATOR WJN
DATE 5/27/11

SITE NUMBER 13
SITE NAME TH 319

TRACKING TIMES (LOCAL) MEASURE CDT
START 13:37
STOP 13:53

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

HEIGHT READINGS MTS FT
1.284

OBSTRUCTIONS: NO

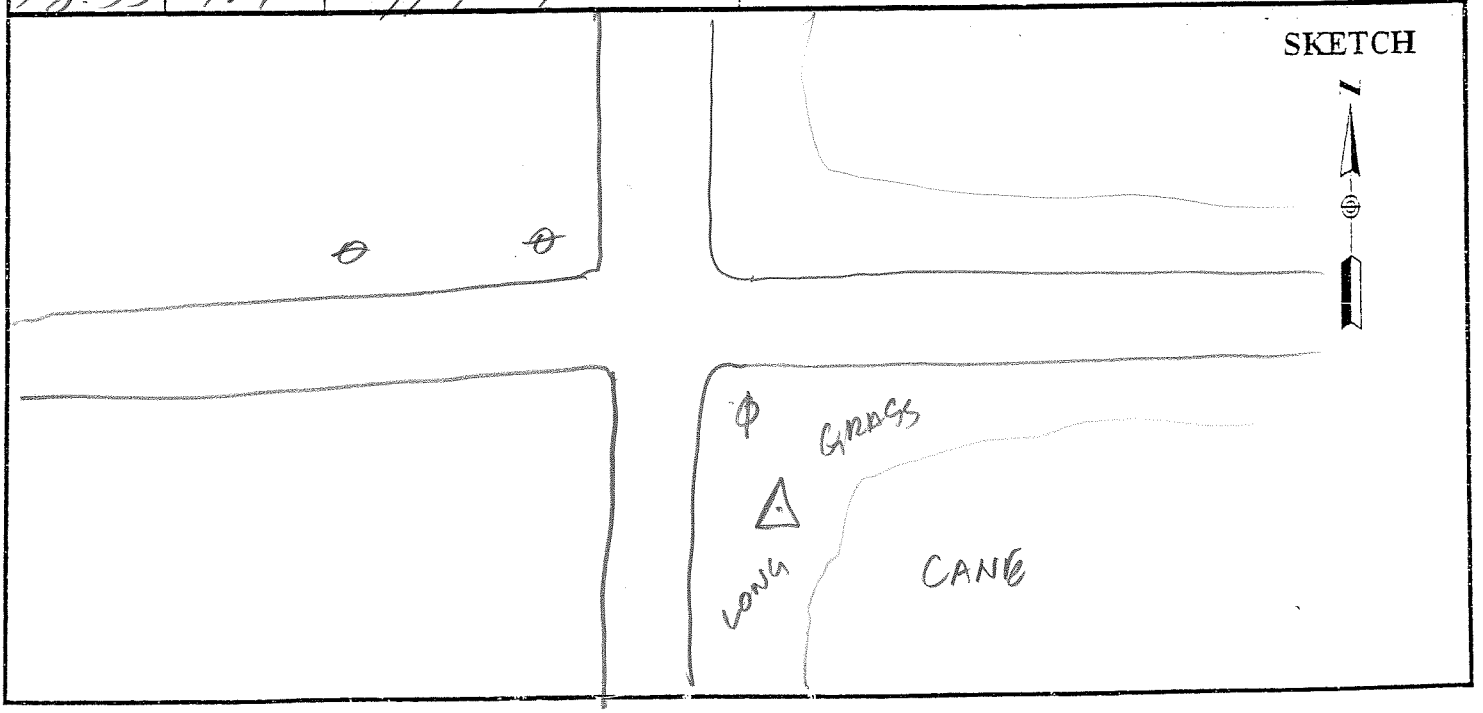
STATION DESCRIPTIONS POINT IN LONG GRASS, WEEDS SE OF INT

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 18:38 | 1.9 | 8/8-8 |
| 18:53 | 1.9 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY — BASE

PROJECT 1101205
OPERATOR WJN
DATE 5/28/11

SITE NUMBER 1
SITE NAME 1002

TRACKING TIMES (LOCAL) MEASURE CDT
START 7:59
STOP 12:02

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 11
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.203
1.563

STATION DESCRIPTIONS NAIL SET
1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 12:59 | 2.7 | 9/9-9 |
| 17:02 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC WINDY ALL DAY

AS BEFORE DESCRIBED

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

BASE

PROJECT 1101205
OPERATOR WVN
DATE 5/28/11

SITE NUMBER 1
SITE NAME 1001

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:27
STOP 12:24

SENSOR TYPE 500 9500 (399) 299
MEMORY CARD 67
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 0.360

OBSTRUCTIONS: TREES NW
R x R TRAFFIC

HEIGHT READINGS MTS FT
1.194
1.544

STATION DESCRIPTIONS NAIL SET
1/29/11

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:27 | 2.3 | 9/9-10 |
| 17:24 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

AS BEFORE DESCRIBED

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/28/11

SITE NUMBER 1
SITE NAME ~~T20~~ 320

TRACKING TIMES (LOCAL) MEASURE CDT
START 8:39
STOP 9:00

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.330
1.690

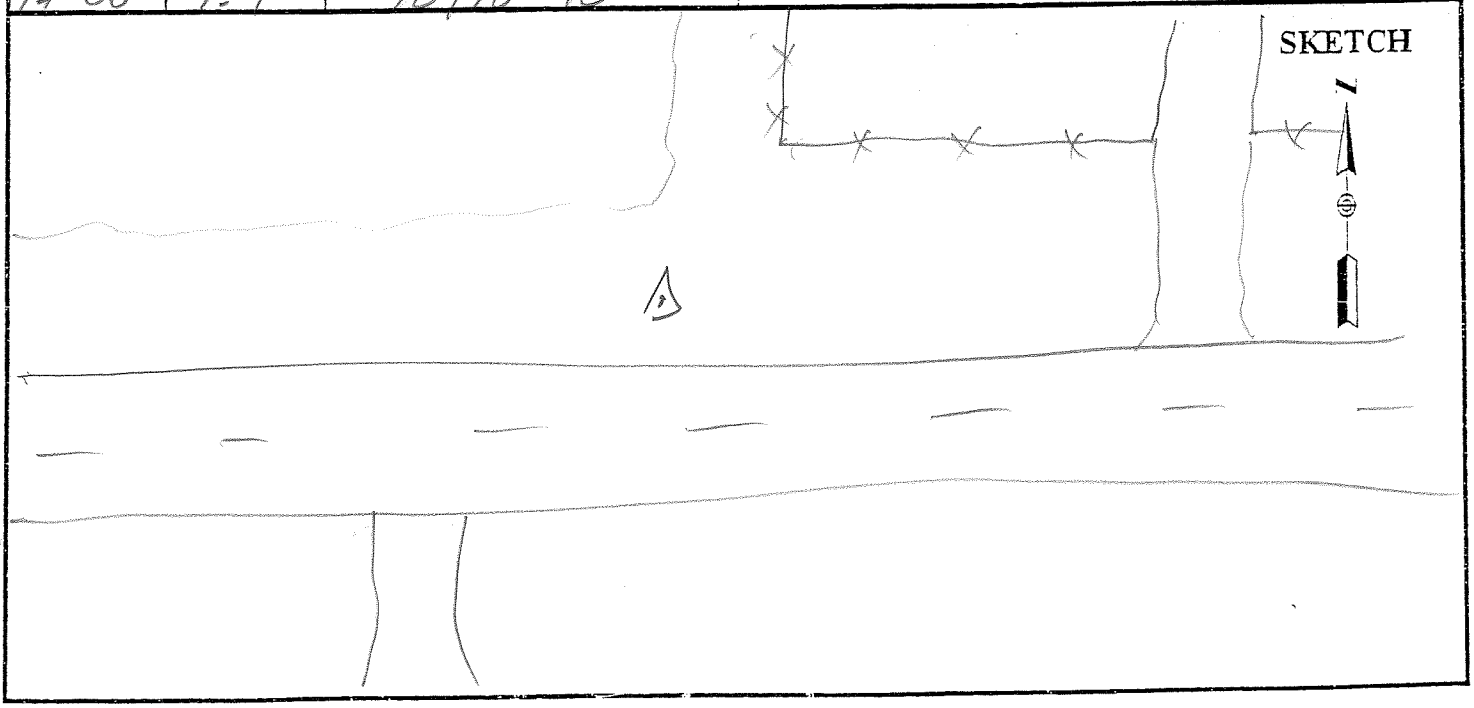
STATION DESCRIPTIONS POINT IN LONG GRASS, Between SE COR FIELD AND N EDGE OF PUMP, OPP E. EDGE FIELD N.

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 13:39 | 2.1 | 9/9-9 |
| 14:00 | 1.7 | 10/10-10 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 1101205
OPERATOR WVN
DATE 5/28/11

SITE NUMBER 2
SITE NAME TSL 321

TRACKING TIMES (LOCAL) MEASURE CIT
START 9:10
STOP 9:31

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.315
1.675

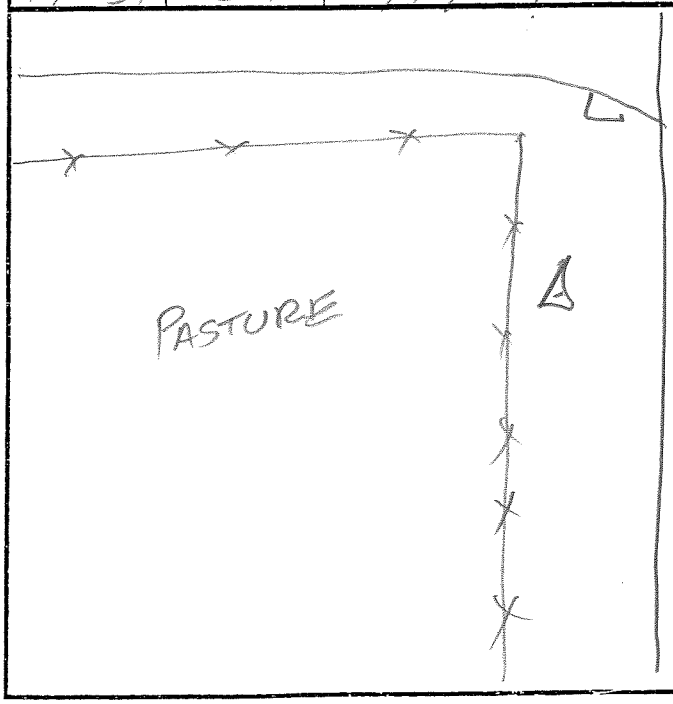
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
MC, CLEARING

| TIME | GDOP | SATELLITES |
|---|---|---|
| 14:10 | 2.2 | 9/9-9 |
| 14:31 | 2.1 | 9/9-9 |

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2 0

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/28/11

SITE NUMBER 3
SITE NAME 722, 322

TRACKING TIMES (LOCAL) MEASURE CDT
START 9:37
STOP 9:57

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.310
1.670

STATION DESCRIPTIONS POINT IN LONG GRASS IN W. R/W

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 14:37 | 1.7 | 9/9-9 |
| 14:57 | 1.9 | 9/9-9 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS

SKETCH




070207-93

AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

1

WILLACY

PROJECT 1101205
OPERATOR WIN
DATE 5/28/11

SITE NUMBER 4
SITE NAME ~~323~~ 323

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:09
STOP 10:29

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.325
1.685

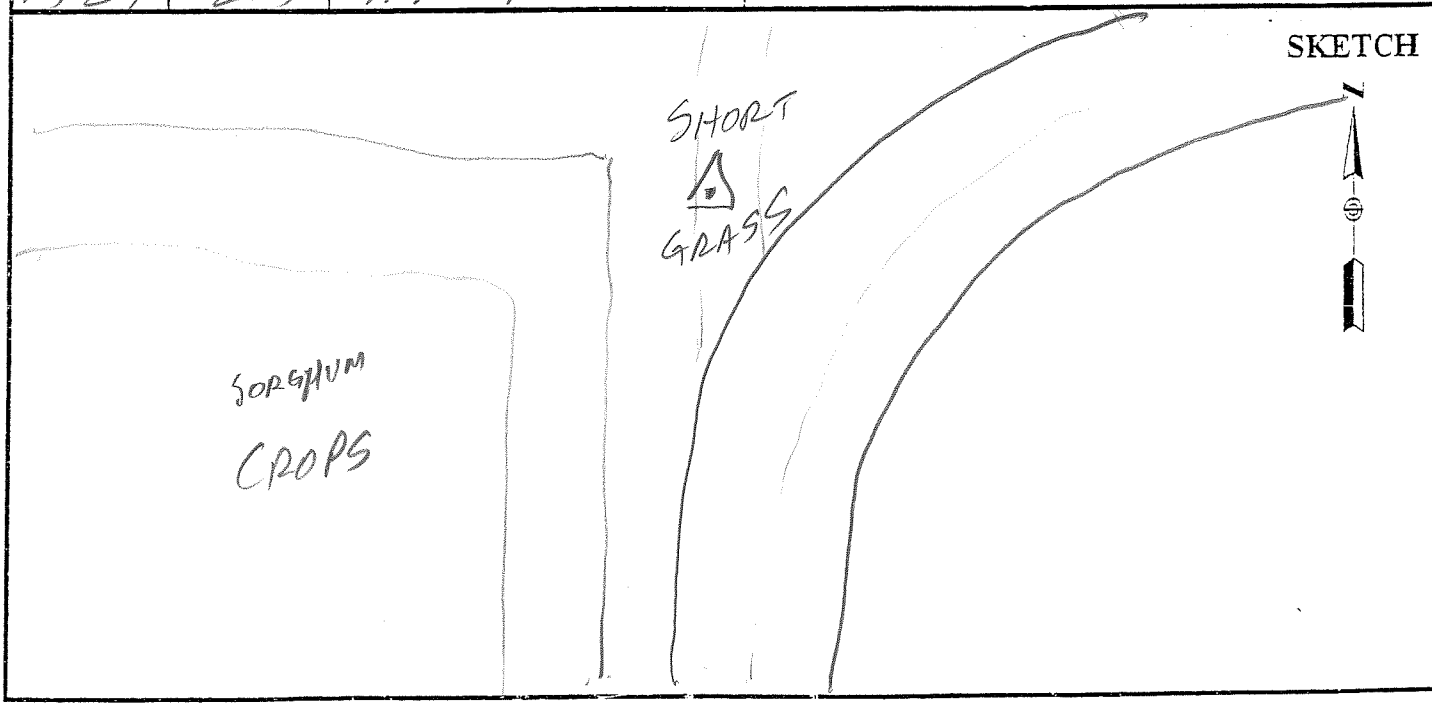
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 1509 | 1.9 | 9/9-9 |
| 1529 | 2.5 | 7/7-7 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

WILLACY

1

PROJECT 110205
OPERATOR WJN
DATE 5/28/11

SITE NUMBER 5
SITE NAME ~~724~~ 324

TRACKING TIMES (LOCAL) MEASURE CDT
START 10:39
STOP 16:06

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT 299/399 0.441
399E/9500 0.389
500 ~~0.360~~

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.267
1.627

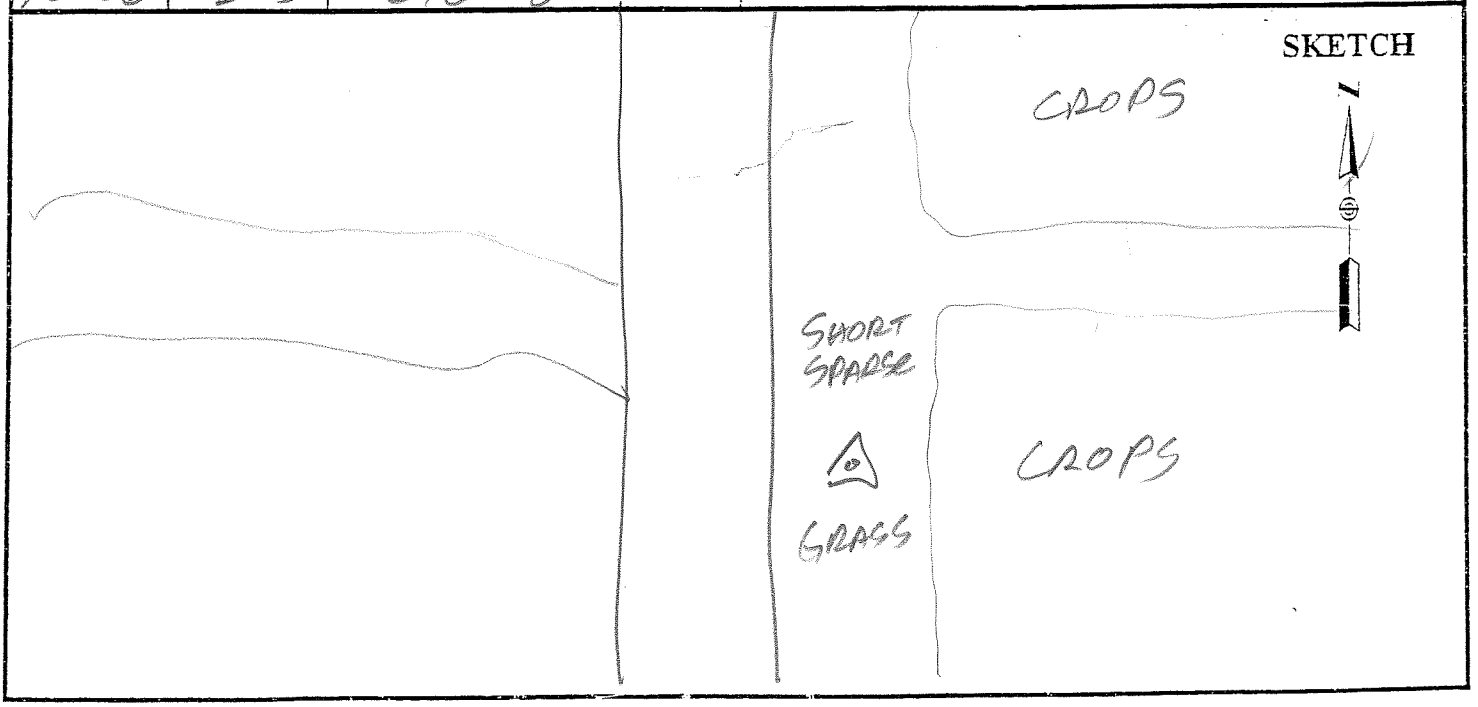
STATION DESCRIPTIONS POINT IN SHORT GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 15:39 | 2.3 | 8/8 |
| 16:06 | 2.3 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



AERO-METRIC, INC.
4020 TECHNOLOGY PARKWAY
SHEBOYGAN, WISCONSIN 53083

2

WILLACY

PROJECT 1101205
OPERATOR WJN
DATE 5/28/11

SITE NUMBER 6
SITE NAME T85 325

TRACKING TIMES (LOCAL) MEASURE CDT
START 11:16
STOP 11:45

SENSOR TYPE (500) 9500 399 299
MEMORY CARD 14
BATTERY NO.
CONTROLLER NO.
SENSOR NO.

SENSOR CONSTANT
299/399 0.441
399E/9500 0.389
500 (0.360)

OBSTRUCTIONS: NO

HEIGHT READINGS MTS FT
1.345
1.705

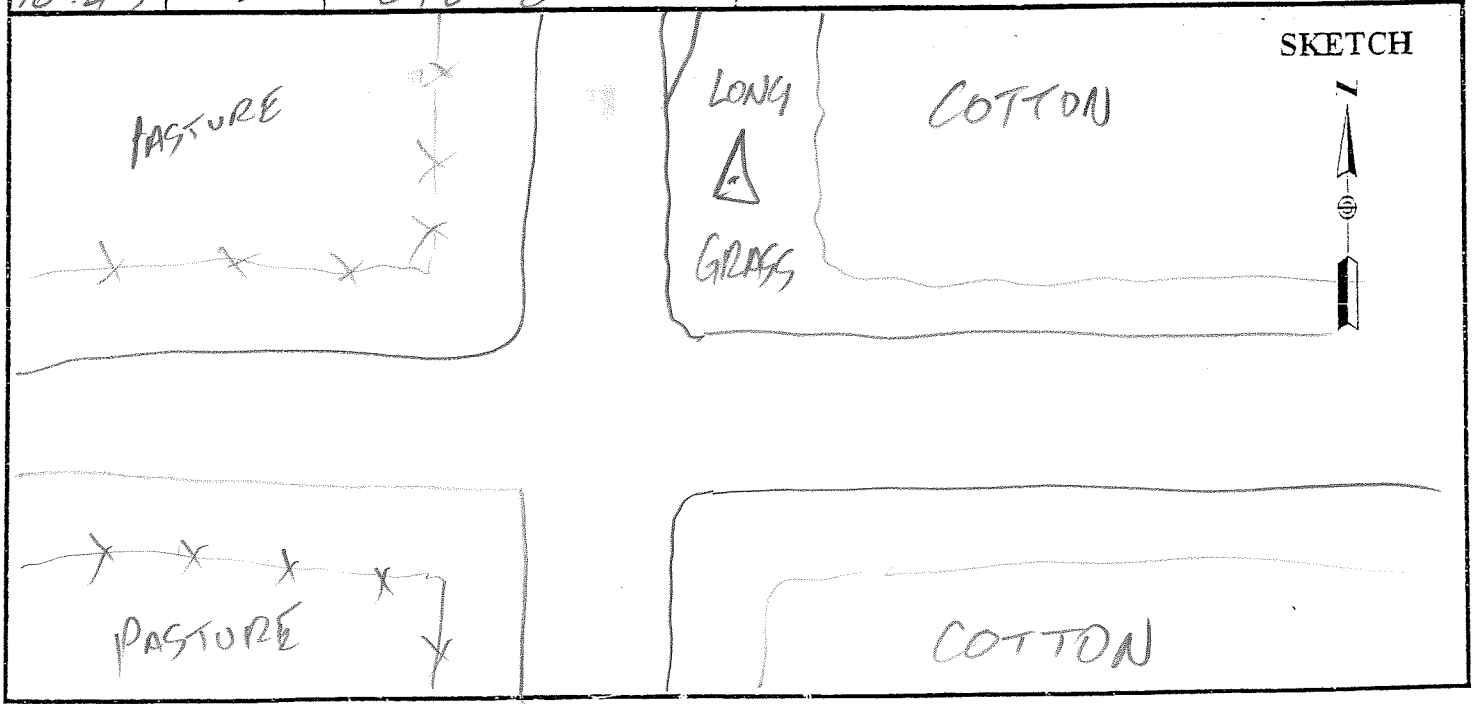
STATION DESCRIPTIONS POINT IN LONG GRASS

SATELLITE OBSERVATIONS

| TIME | GDOP | SATELLITES |
|---|---|---|
| 16:16 | 2.3 | 8/8-8 |
| 16:45 | 2.2 | 8/8-8 |

WEATHER CONDITIONS/IMPORTANT OBSERVATIONS
PC

SKETCH



11:27:52, Wed Jun 01, 2011

INI file: C:\WINNT\GEOLAB.INI
Input file: R:\1101205\GEOM~6IZ\SURVEY\WILLACY\GEO\C_HIDWIL.IOB
Output file: R:\1101205\GEOM~6IZ\SURVEY\WILLACY\GEO\C_HIDWIL.LST

Geoid File: C:\GEOLAB2\G2009U06.GEO

| PARAMETERS | | OBSERVATIONS | |
|---|---|---|---|
| Description | Number | Description | Number |
| No. of Stations | 222 | Directions | 0 |
| Coord Parameters | 654 | Distances | 0 |
| Free Latitudes | 219 | Azimuths | 0 |
| Free Longitudes | 219 | Vertical Angles | 0 |
| Free Heights | 216 | Zenithal Angles | 0 |
| Fixed Coordinates | 12 | Angles | 0 |
| Astro. Latitudes | 0 | Heights | 0 |
| Astro. Longitudes | 0 | Height Differences | 0 |
| Geoid Records | 0 | Auxiliary Params. | 0 |
| All Aux. Pars. | 0 | 2-D Coords. | 0 |
| Direction Pars. | 0 | 2-D Coord. Diffs. | 0 |
| Scale Parameters | 0 | 3-D Coords. | 0 |
| Constant Pars. | 0 | 3-D Coord. Diffs. | 1554 |
| Rotation Pars. | 0 | | |
| Translation Pars. | 0 | | |
| | -------- | | -------- |
| Total Parameters | 654 | Total Observations | 1554 |
| Degrees of Freedom = | | 900 | |

SUMMARY OF SELECTED OPTIONS

| OPTION | SELECTION |
|---|---|
| Computation Mode | Adjustment |
| Maximum Iterations | 5 |
| Convergence Criterion | 0.00100 |
| Confidence Level for Statistics | 95.000 |
| Covariance Matrix Computation | Connected Portion Only |
| Residual Rejection Criterion | Tau Max |
| Confidence Region Types | 3D Station Relative |
| Relative Confidence Regions | Connected Only |
| Variance Factor (VF) Known | Yes |
| CMULT (Multiply Parm Cov With VF) | Yes |
| RMULT (Multiply Res Cov With VF) | No |
| Force Convergence in Max Iters | Yes |
| Distances Affect 3D | No |
| Full Inverse Computed | No |
| Normals Reordered | Yes |
| Coordinates Generated | No |
| Geoid Interpolation Method | Bi-Linear |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| NEO | 000 | 1 | 2940058.222<br>0.010 | 581691.072<br>0.010 | 28.130<br>0.010 | UTM 14 |
| SFMC | | 1 | 0.99968239 | 0 22 1.405410 | | UTM 14 |
| NEO | 000 | 10 | 2918127.351<br>0.007 | 589236.537<br>0.007 | 29.723<br>0.006 | UTM 14 |
| SFMC | | 10 | 0.99969831 | 0 23 51.007911 | | UTM 14 |
| NEO | 000 | 1001 | 2908741.153<br>0.007 | 623426.603<br>0.007 | 12.106<br>0.003 | UTM 14 |
| SFMC | | 1001 | 0.99978809 | 0 32 51.797364 | | UTM 14 |
| NEO | 000 | 1002 | 2928500.661<br>0.007 | 623437.189<br>0.007 | 9.284<br>0.003 | UTM 14 |
| SFMC | | 1002 | 0.99978811 | 0 33 7.432883 | | UTM 14 |
| NEO | 000 | 1003 | 2936243.997<br>0.016 | 657324.079<br>0.016 | 1.815<br>0.015 | UTM 14 |
| SFMC | | 1003 | 0.99990558 | 0 42 20.532757 | | UTM 14 |
| NEO | 000 | 1004 | 2938283.069<br>0.016 | 655791.138<br>0.016 | 2.757<br>0.015 | UTM 14 |
| SFMC | | 1004 | 0.99989965 | 0 41 57.810457 | | UTM 14 |
| NEO | 000 | 101 | 2928379.480<br>0.004 | 571001.807<br>0.004 | 56.573<br>0.003 | UTM 14 |
| SFMC | | 101 | 0.99966224 | 0 19 3.247187 | | UTM 14 |
| NEO | 000 | 102 | 2925688.734<br>0.003 | 587512.001<br>0.003 | 22.881<br>0.001 | UTM 14 |
| SFMC | | 102 | 0.99969455 | 0 23 27.555979 | | UTM 14 |
| NEO | 000 | 103 | 2944861.121<br>0.005 | 568066.925<br>0.005 | 57.240<br>0.005 | UTM 14 |
| SFMC | | 103 | 0.99965720 | 0 18 23.130030 | | UTM 14 |
| NEO | 000 | 105 | 2936835.021<br>0.011 | 622172.145<br>0.011 | 11.306<br>0.010 | UTM 14 |
| SFMC | | 105 | 0.99978428 | 0 32 53.541722 | | UTM 14 |
| NEO | 000 | 11 | 2919929.597<br>0.006 | 585768.223<br>0.006 | 25.923<br>0.005 | UTM 14 |
| SFMC | | 11 | 0.99969082 | 0 22 56.378456 | | UTM 14 |
| NEO | 000 | 12 | 2925449.334<br>0.003 | 586545.553<br>0.003 | 25.474<br>0.001 | UTM 14 |
| SFMC | | 12 | 0.99969247 | 0 23 11.882344 | | UTM 14 |
| NEO | 000 | 13 | 2931718.008<br>0.006 | 586449.753<br>0.006 | 23.296<br>0.005 | UTM 14 |
| SFMC | | 13 | 0.99969227 | 0 23 13.783949 | | UTM 14 |
| NEO | 000 | 14 | 2917082.401<br>0.010 | 597543.778<br>0.010 | 20.304<br>0.010 | UTM 14 |
| SFMC | | 14 | 0.99971747 | 0 26 3.552893 | | UTM 14 |
| NEO | 000 | 15 | 2918637.639<br>0.013 | 603069.276<br>0.013 | 19.238<br>0.013 | UTM 14 |
| SFMC | | 15 | 0.99973116 | 0 27 33.120253 | | UTM 14 |
| NEO | 000 | 16 | 2922598.011<br>0.013 | 604051.650<br>0.013 | 17.160<br>0.013 | UTM 14 |
| SFMC | | 16 | 0.99973367 | 0 27 51.487081 | | UTM 14 |
| NEO | 000 | 17 | 2918902.186<br>0.018 | 612007.481<br>0.018 | 14.659<br>0.018 | UTM 14 |
| SFMC | | 17 | 0.99975489 | 0 29 56.632261 | | UTM 14 |
| NEO | 000 | 18 | 2915084.897 | 602253.864 | 20.201 | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| | | | 0.013 | 0.013 | 0.013 | |
| SFMC | | 18 | 0.99972909 | 0 27 17.741562 | UTM 14 | |
| NEO | 000 | 19 | 2911328.141 | 596980.771 | 25.115 | UTM 14 |
| | | | 0.011 | 0.011 | 0.011 | |
| SFMC | | 19 | 0.99971612 | 0 25 50.993453 | UTM 14 | |
| NEO | 000 | 2 | 2938287.905 | 586333.845 | 21.096 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |
| SFMC | | 2 | 0.99969202 | 0 23 15.521774 | UTM 14 | |
| NEO | 000 | 20 | 2912350.048 | 595090.939 | 23.391 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 20 | 0.99971164 | 0 25 21.390966 | UTM 14 | |
| NEO | 000 | 201 | 2939702.477 | 656464.511 | 0.994 | UTM 14 |
| | | | 0.023 | 0.023 | 0.022 | |
| SFMC | | 201 | 0.99990225 | 0 42 10.100270 | UTM 14 | |
| NEO | 000 | 202 | 2936210.609 | 657354.110 | 1.263 | UTM 14 |
| | | | 0.022 | 0.022 | 0.022 | |
| SFMC | | 202 | 0.99990570 | 0 42 20.984070 | UTM 14 | |
| NEO | 000 | 203 | 2933611.191 | 653742.921 | 3.272 | UTM 14 |
| | | | 0.020 | 0.020 | 0.020 | |
| SFMC | | 203 | 0.99989183 | 0 41 20.158027 | UTM 14 | |
| NEO | 000 | 204 | 2932392.393 | 650549.703 | 3.225 | UTM 14 |
| | | | 0.019 | 0.019 | 0.018 | |
| SFMC | | 204 | 0.99987983 | 0 40 27.503546 | UTM 14 | |
| NEO | 000 | 205 | 2931447.969 | 647283.860 | 4.309 | UTM 14 |
| | | | 0.017 | 0.017 | 0.016 | |
| SFMC | | 205 | 0.99986782 | 0 39 33.983951 | UTM 14 | |
| NEO | 000 | 206 | 2930692.405 | 642467.631 | 5.867 | UTM 14 |
| | | | 0.014 | 0.014 | 0.013 | |
| SFMC | | 206 | 0.99985059 | 0 38 15.702693 | UTM 14 | |
| NEO | 000 | 207 | 2931124.748 | 639826.305 | 6.527 | UTM 14 |
| | | | 0.013 | 0.013 | 0.012 | |
| SFMC | | 207 | 0.99984139 | 0 37 33.541891 | UTM 14 | |
| NEO | 000 | 208 | 2942184.052 | 622765.591 | 8.927 | UTM 14 |
| | | | 0.013 | 0.013 | 0.011 | |
| SFMC | | 208 | 0.99978607 | 0 33 7.302765 | UTM 14 | |
| NEO | 000 | 209 | 2939203.260 | 622415.638 | 12.148 | UTM 14 |
| | | | 0.011 | 0.011 | 0.009 | |
| SFMC | | 209 | 0.99978501 | 0 32 59.317755 | UTM 14 | |
| NEO | 000 | 21 | 2921120.458 | 597764.247 | 21.341 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |
| SFMC | | 21 | 0.99971800 | 0 26 9.589887 | UTM 14 | |
| NEO | 000 | 210 | 2935844.805 | 622033.609 | 11.896 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 210 | 0.99978386 | 0 32 50.536155 | UTM 14 | |
| NEO | 000 | 211 | 2935421.351 | 614765.670 | 9.261 | UTM 14 |
| | | | 0.011 | 0.011 | 0.009 | |
| SFMC | | 211 | 0.99976261 | 0 30 52.900697 | UTM 14 | |
| NEO | 000 | 212 | 2933573.993 | 613523.096 | 10.655 | UTM 14 |
| | | | 0.010 | 0.010 | 0.009 | |
| SFMC | | 212 | 0.99975911 | 0 30 31.511384 | UTM 14 | |
| NEO | 000 | 213 | 2932342.276 | 611517.858 | 11.843 | UTM 14 |
| | | | 0.011 | 0.011 | 0.009 | |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| SFMC | | 213 | 0.99975354 | 0 29 58.295400 | | UTM 14 |
| NEO | 000 | 214 | 2934949.760 | 604744.004 | 13.516 | UTM 14 |
| | | | 0.013 | 0.013 | 0.012 | |
| SFMC | | 214 | 0.99973545 | 0 28 10.823968 | | UTM 14 |
| NEO | 000 | 215 | 2930198.784 | 602396.740 | 14.868 | UTM 14 |
| | | | 0.013 | 0.013 | 0.012 | |
| SFMC | | 215 | 0.99972945 | 0 27 29.849835 | | UTM 14 |
| NEO | 000 | 216 | 2913720.774 | 621379.665 | 12.704 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 216 | 0.99978190 | 0 32 22.934864 | | UTM 14 |
| NEO | 000 | 217 | 2914659.696 | 614144.536 | 13.709 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 217 | 0.99976086 | 0 30 27.832274 | | UTM 14 |
| NEO | 000 | 218 | 2914356.131 | 616860.010 | 12.602 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 218 | 0.99976861 | 0 31 11.079294 | | UTM 14 |
| NEO | 000 | 219 | 2914259.724 | 624565.411 | 11.337 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 219 | 0.99979157 | 0 33 14.338911 | | UTM 14 |
| NEO | 000 | 22 | 2928889.433 | 568331.748 | 67.317 | UTM 14 |
| | | | 0.005 | 0.005 | 0.004 | |
| SFMC | | 22 | 0.99965765 | 0 18 20.480313 | | UTM 14 |
| NEO | 000 | 220 | 2915887.825 | 627767.293 | 10.346 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 220 | 0.99980155 | 0 34 6.903812 | | UTM 14 |
| NEO | 000 | 221 | 2912646.373 | 633049.427 | 9.052 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 221 | 0.99981856 | 0 35 28.763899 | | UTM 14 |
| NEO | 000 | 222 | 2917643.058 | 632391.785 | 8.042 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 222 | 0.99981640 | 0 35 22.437932 | | UTM 14 |
| NEO | 000 | 223 | 2920740.478 | 628899.365 | 8.994 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 223 | 0.99980513 | 0 34 29.000288 | | UTM 14 |
| NEO | 000 | 224 | 2920661.177 | 621568.177 | 10.335 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 224 | 0.99978246 | 0 32 31.300575 | | UTM 14 |
| NEO | 000 | 225 | 2932324.760 | 635563.882 | 5.850 | UTM 14 |
| | | | 0.012 | 0.012 | 0.010 | |
| SFMC | | 225 | 0.99982689 | 0 36 25.905311 | | UTM 14 |
| NEO | 000 | 226 | 2935403.734 | 629075.023 | 8.544 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 226 | 0.99980569 | 0 34 43.837803 | | UTM 14 |
| NEO | 000 | 227 | 2932895.555 | 624278.929 | 9.294 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 227 | 0.99979069 | 0 33 24.451248 | | UTM 14 |
| NEO | 000 | 228 | 2934511.995 | 620395.083 | 9.616 | UTM 14 |
| | | | 0.009 | 0.009 | 0.006 | |
| SFMC | | 228 | 0.99977895 | 0 32 23.065792 | | UTM 14 |
| NEO | 000 | 229 | 2929613.550 | 620228.311 | 9.624 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 229 | 0.99977846 | 0 32 16.632735 | | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| NEO | 000 | 23 | 2928635.050<br>0.007 | 564233.915<br>0.007 | 82.589<br>0.006 | UTM 14 |
| SFMC | | 23 | 0.99965094 | 0 17 14.386785 | | UTM 14 |
| NEO | 000 | 230 | 2926335.728<br>0.007 | 619888.443<br>0.007 | 9.778<br>0.005 | UTM 14 |
| SFMC | | 230 | 0.99977745 | 0 32 8.664219 | | UTM 14 |
| NEO | 000 | 231 | 2926225.424<br>0.009 | 615004.331<br>0.009 | 12.282<br>0.008 | UTM 14 |
| SFMC | | 231 | 0.99976329 | 0 30 50.033792 | | UTM 14 |
| NEO | 000 | 232 | 2926023.554<br>0.013 | 608297.564<br>0.013 | 14.038<br>0.012 | UTM 14 |
| SFMC | | 232 | 0.99974480 | 0 29 2.032162 | | UTM 14 |
| NEO | 000 | 233 | 2926642.480<br>0.015 | 604277.515<br>0.015 | 14.688<br>0.014 | UTM 14 |
| SFMC | | 233 | 0.99973425 | 0 27 57.791569 | | UTM 14 |
| NEO | 000 | 234 | 2928723.314<br>0.016 | 601354.849<br>0.016 | 16.162<br>0.016 | UTM 14 |
| SFMC | | 234 | 0.99972683 | 0 27 12.116119 | | UTM 14 |
| NEO | 000 | 235 | 2930681.394<br>0.013 | 608254.041<br>0.013 | 12.040<br>0.012 | UTM 14 |
| SFMC | | 235 | 0.99974468 | 0 29 4.534606 | | UTM 14 |
| NEO | 000 | 236 | 2922913.989<br>0.010 | 613601.357<br>0.010 | 12.158<br>0.009 | UTM 14 |
| SFMC | | 236 | 0.99975933 | 0 30 25.082903 | | UTM 14 |
| NEO | 000 | 237 | 2918961.013<br>0.010 | 616792.372<br>0.010 | 11.664<br>0.008 | UTM 14 |
| SFMC | | 237 | 0.99976841 | 0 31 13.406031 | | UTM 14 |
| NEO | 000 | 238 | 2917429.843<br>0.009 | 620562.426<br>0.009 | 12.331<br>0.007 | UTM 14 |
| SFMC | | 238 | 0.99977946 | 0 32 12.691405 | | UTM 14 |
| NEO | 000 | 239 | 2923871.821<br>0.008 | 621213.685<br>0.008 | 9.762<br>0.005 | UTM 14 |
| SFMC | | 239 | 0.99978140 | 0 32 28.081510 | | UTM 14 |
| NEO | 000 | 24 | 2924630.494<br>0.008 | 563640.160<br>0.008 | 82.500<br>0.007 | UTM 14 |
| SFMC | | 24 | 0.99965000 | 0 17 3.207767 | | UTM 14 |
| NEO | 000 | 240 | 2929735.812<br>0.007 | 627156.427<br>0.007 | 8.343<br>0.005 | UTM 14 |
| SFMC | | 240 | 0.99979962 | 0 34 8.293574 | | UTM 14 |
| NEO | 000 | 241 | 2933145.689<br>0.010 | 630716.078<br>0.010 | 6.855<br>0.008 | UTM 14 |
| SFMC | | 241 | 0.99981095 | 0 35 8.446326 | | UTM 14 |
| NEO | 000 | 242 | 2934738.473<br>0.013 | 636811.870<br>0.013 | 6.266<br>0.012 | UTM 14 |
| SFMC | | 242 | 0.99983109 | 0 36 48.119645 | | UTM 14 |
| NEO | 000 | 243 | 2926898.900<br>0.013 | 638775.381<br>0.013 | 5.841<br>0.012 | UTM 14 |
| SFMC | | 243 | 0.99983777 | 0 37 12.886616 | | UTM 14 |
| NEO | 000 | 244 | 2922900.927<br>0.016 | 644902.778<br>0.016 | 4.312<br>0.015 | UTM 14 |
| SFMC | | 244 | 0.99985923 | 0 38 47.758015 | | UTM 14 |
| NEO | 000 | 245 | 2919736.732 | 643614.889 | 4.969 | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING / STD DEV | EASTING / STD DEV | O-HEIGHT / STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| | | | 0.015 | 0.015 | 0.014 | |
| SFMC | | 245 | 0.99985465 | 0 38 24.195166 | UTM 14 | |
| NEO | 000 | 246 | 2918172.046 | 647963.608 | 6.586 | UTM 14 |
| | | | 0.017 | 0.017 | 0.016 | |
| SFMC | | 246 | 0.99987030 | 0 39 32.468551 | UTM 14 | |
| NEO | 000 | 247 | 2910856.373 | 642181.154 | 6.304 | UTM 14 |
| | | | 0.015 | 0.014 | 0.013 | |
| SFMC | | 247 | 0.99984959 | 0 37 53.199629 | UTM 14 | |
| NEO | 000 | 248 | 2914287.064 | 642093.282 | 6.094 | UTM 14 |
| | | | 0.014 | 0.014 | 0.013 | |
| SFMC | | 248 | 0.99984928 | 0 37 54.883390 | UTM 14 | |
| NEO | 000 | 249 | 2940550.439 | 664543.205 | -0.013 | UTM 14 |
| | | | 0.017 | 0.017 | 0.016 | |
| SFMC | | 249 | 0.99993427 | 0 44 21.553574 | UTM 14 | |
| NEO | 000 | 25 | 2921997.220 | 567503.778 | 63.148 | UTM 14 |
| | | | 0.007 | 0.007 | 0.007 | |
| SFMC | | 25 | 0.99965626 | 0 18 4.193340 | UTM 14 | |
| NEO | 000 | 250 | 2939070.401 | 665188.824 | -0.025 | UTM 14 |
| | | | 0.017 | 0.017 | 0.016 | |
| SFMC | | 250 | 0.99993690 | 0 44 30.435774 | UTM 14 | |
| NEO | 000 | 251 | 2932924.265 | 665722.703 | 0.083 | UTM 14 |
| | | | 0.017 | 0.017 | 0.017 | |
| SFMC | | 251 | 0.99993908 | 0 44 32.586565 | UTM 14 | |
| NEO | 000 | 252 | 2929400.546 | 667171.231 | 0.021 | UTM 14 |
| | | | 0.018 | 0.018 | 0.017 | |
| SFMC | | 252 | 0.99994504 | 0 44 52.191621 | UTM 14 | |
| NEO | 000 | 253 | 2928228.619 | 632188.214 | 7.670 | UTM 14 |
| | | | 0.009 | 0.009 | 0.008 | |
| SFMC | | 253 | 0.99981573 | 0 35 28.054255 | UTM 14 | |
| NEO | 000 | 254 | 2926548.734 | 628924.224 | 9.254 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 254 | 0.99980521 | 0 34 34.151179 | UTM 14 | |
| NEO | 000 | 255 | 2922337.906 | 627813.645 | 9.480 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 255 | 0.99980169 | 0 34 12.874162 | UTM 14 | |
| NEO | 000 | 256 | 2916692.227 | 627752.424 | 9.935 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 256 | 0.99980150 | 0 34 7.317074 | UTM 14 | |
| NEO | 000 | 257 | 2919243.569 | 633980.636 | 7.184 | UTM 14 |
| | | | 0.011 | 0.011 | 0.009 | |
| SFMC | | 257 | 0.99982163 | 0 35 49.260042 | UTM 14 | |
| NEO | 000 | 258 | 2923410.968 | 637970.719 | 6.507 | UTM 14 |
| | | | 0.012 | 0.012 | 0.011 | |
| SFMC | | 258 | 0.99983502 | 0 36 56.890203 | UTM 14 | |
| NEO | 000 | 259 | 2921363.195 | 642397.982 | 5.255 | UTM 14 |
| | | | 0.014 | 0.014 | 0.013 | |
| SFMC | | 259 | 0.99985035 | 0 38 6.147833 | UTM 14 | |
| NEO | 001 | 25R B | 2925006.510 | 587332.934 | 20.666 | UTM 14 |
| | | | 0.003 | 0.003 | 0.000 | |
| SFMC | | 25R B | 0.99969416 | 0 23 24.298053 | UTM 14 | |
| NEO | 000 | 26 | 2917908.178 | 566841.569 | 59.100 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING STD DEV | EASTING STD DEV | O-HEIGHT STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| SFMC | | 26 | 0.99965516 | 0 17 51.824657 | UTM 14 | |
| NEO | 000 | 260 | 2919206.762 | 641054.685 | 5.207 | UTM 14 |
| | | | 0.014 | 0.014 | 0.013 | |
| SFMC | | 260 | 0.99984565 | 0 37 42.661263 | UTM 14 | |
| NEO | 000 | 261 | 2917022.539 | 641042.574 | 5.491 | UTM 14 |
| | | | 0.014 | 0.014 | 0.013 | |
| SFMC | | 261 | 0.99984561 | 0 37 40.513840 | UTM 14 | |
| NEO | 000 | 262 | 2914352.278 | 637200.584 | 6.781 | UTM 14 |
| | | | 0.012 | 0.012 | 0.011 | |
| SFMC | | 262 | 0.99983241 | 0 36 36.639490 | UTM 14 | |
| NEO | 000 | 263 | 2928785.331 | 622762.966 | 9.010 | UTM 14 |
| | | | 0.007 | 0.007 | 0.003 | |
| SFMC | | 263 | 0.99978607 | 0 32 56.802671 | UTM 14 | |
| NEO | 000 | 264 | 2931931.887 | 622510.206 | 10.476 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 264 | 0.99978530 | 0 32 55.182693 | UTM 14 | |
| NEO | 000 | 265 | 2932044.560 | 619788.109 | 10.161 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 265 | 0.99977716 | 0 32 11.394140 | UTM 14 | |
| NEO | 000 | 266 | 2923068.993 | 619920.839 | 10.941 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 266 | 0.99977755 | 0 32 6.698718 | UTM 14 | |
| NEO | 000 | 267 | 2921376.125 | 616763.771 | 11.502 | UTM 14 |
| | | | 0.009 | 0.009 | 0.008 | |
| SFMC | | 267 | 0.99976833 | 0 31 14.736032 | UTM 14 | |
| NEO | 000 | 268 | 2924601.250 | 616681.164 | 11.574 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 268 | 0.99976809 | 0 31 15.797986 | UTM 14 | |
| NEO | 000 | 269 | 2927908.403 | 616609.951 | 11.323 | UTM 14 |
| | | | 0.009 | 0.009 | 0.006 | |
| SFMC | | 269 | 0.99976788 | 0 31 17.101857 | UTM 14 | |
| NEO | 000 | 27 | 2915069.335 | 566544.256 | 57.252 | UTM 14 |
| | | | 0.011 | 0.011 | 0.011 | |
| SFMC | | 27 | 0.99965467 | 0 17 45.859888 | UTM 14 | |
| NEO | 000 | 270 | 2930700.100 | 616606.168 | 11.635 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 270 | 0.99976787 | 0 31 19.108656 | UTM 14 | |
| NEO | 000 | 271 | 2928084.814 | 628772.662 | 8.688 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 271 | 0.99980473 | 0 34 32.969622 | UTM 14 | |
| NEO | 000 | 272 | 2924552.525 | 632409.622 | 7.509 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 272 | 0.99981646 | 0 35 28.527206 | UTM 14 | |
| NEO | 000 | 273 | 2921152.283 | 632334.184 | 7.709 | UTM 14 |
| | | | 0.010 | 0.010 | 0.009 | |
| SFMC | | 273 | 0.99981621 | 0 35 24.459852 | UTM 14 | |
| NEO | 000 | 274 | 2919203.262 | 630759.125 | 8.158 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 274 | 0.99981110 | 0 34 57.566700 | UTM 14 | |
| NEO | 000 | 275 | 2915957.990 | 630792.442 | 8.932 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 275 | 0.99981121 | 0 34 55.409917 | UTM 14 | |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| NEO | 000 | 276 | 2912564.958<br>0.008 | 627794.347<br>0.008 | 10.042<br>0.006 | UTM 14 |
| SFMC | | 276 | 0.99980164 | 0 34 4.646221 | | UTM 14 |
| NEO | 000 | 277 | 2917478.372<br>0.009 | 624532.690<br>0.009 | 11.183<br>0.007 | UTM 14 |
| SFMC | | 277 | 0.99979147 | 0 33 16.355820 | | UTM 14 |
| NEO | 000 | 278 | 2917434.877<br>0.009 | 621318.821<br>0.009 | 13.483<br>0.007 | UTM 14 |
| SFMC | | 278 | 0.99978172 | 0 32 24.817151 | | UTM 14 |
| NEO | 000 | 279 | 2917464.194<br>0.011 | 613658.104<br>0.011 | 12.901<br>0.009 | UTM 14 |
| SFMC | | 279 | 0.99975949 | 0 30 22.065475 | | UTM 14 |
| NEO | 000 | 28 | 2911338.521<br>0.013 | 565828.592<br>0.013 | 53.893<br>0.013 | UTM 14 |
| SFMC | | 28 | 0.99965350 | 0 17 32.841597 | | UTM 14 |
| NEO | 000 | 280 | 2921533.715<br>0.010 | 613611.475<br>0.010 | 12.101<br>0.009 | UTM 14 |
| SFMC | | 280 | 0.99975936 | 0 30 24.250438 | | UTM 14 |
| NEO | 000 | 281 | 2924536.703<br>0.010 | 613565.039<br>0.010 | 12.314<br>0.009 | UTM 14 |
| SFMC | | 281 | 0.99975923 | 0 30 25.669121 | | UTM 14 |
| NEO | 000 | 282 | 2924689.920<br>0.007 | 622444.081<br>0.007 | 8.940<br>0.005 | UTM 14 |
| SFMC | | 282 | 0.99978510 | 0 32 48.485542 | | UTM 14 |
| NEO | 000 | 283 | 2922321.367<br>0.008 | 624483.293<br>0.008 | 10.318<br>0.006 | UTM 14 |
| SFMC | | 283 | 0.99979132 | 0 33 19.387840 | | UTM 14 |
| NEO | 000 | 284 | 2926447.831<br>0.007 | 624805.088<br>0.007 | 8.613<br>0.004 | UTM 14 |
| SFMC | | 284 | 0.99979231 | 0 33 27.823330 | | UTM 14 |
| NEO | 000 | 285 | 2926387.156<br>0.007 | 622461.285<br>0.007 | 9.496<br>0.004 | UTM 14 |
| SFMC | | 285 | 0.99978515 | 0 32 50.081427 | | UTM 14 |
| NEO | 000 | 286 | 2928423.119<br>0.007 | 623145.459<br>0.007 | 8.365<br>0.003 | UTM 14 |
| SFMC | | 286 | 0.99978723 | 0 33 2.676628 | | UTM 14 |
| NEO | 000 | 287 | 2928985.373<br>0.007 | 622535.736<br>0.007 | 9.450<br>0.003 | UTM 14 |
| SFMC | | 287 | 0.99978538 | 0 32 53.300481 | | UTM 14 |
| NEO | 000 | 288 | 2926422.713<br>0.007 | 621576.486<br>0.007 | 9.772<br>0.004 | UTM 14 |
| SFMC | | 288 | 0.99978249 | 0 32 35.879063 | | UTM 14 |
| NEO | 000 | 289 | 2923880.404<br>0.008 | 620747.493<br>0.008 | 9.415<br>0.006 | UTM 14 |
| SFMC | | 289 | 0.99978001 | 0 32 20.597931 | | UTM 14 |
| NEO | 000 | 29 | 2907779.944<br>0.015 | 564628.767<br>0.015 | 53.722<br>0.015 | UTM 14 |
| SFMC | | 29 | 0.99965157 | 0 17 12.197057 | | UTM 14 |
| NEO | 000 | 290 | 2921894.203<br>0.008 | 620741.764<br>0.008 | 10.520<br>0.006 | UTM 14 |
| SFMC | | 290 | 0.99977999 | 0 32 18.984137 | | UTM 14 |
| NEO | 000 | 291 | 2920079.483 | 620631.824 | 11.328 | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING / STD DEV | EASTING / STD DEV | O-HEIGHT / STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 291 | 0.99977966 | 0 32 15.830463 | UTM 14 | |
| NEO | 000 | 292 | 2916246.868 | 620577.887 | 12.123 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 292 | 0.99977950 | 0 32 12.034929 | UTM 14 | |
| NEO | 000 | 293 | 2915016.581 | 620692.627 | 11.410 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 293 | 0.99977985 | 0 32 12.931728 | UTM 14 | |
| NEO | 000 | 294 | 2915806.140 | 621365.122 | 11.763 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 294 | 0.99978186 | 0 32 24.306080 | UTM 14 | |
| NEO | 000 | 295 | 2915848.809 | 623819.657 | 11.324 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 295 | 0.99978929 | 0 33 3.649836 | UTM 14 | |
| NEO | 000 | 296 | 2916257.599 | 627754.026 | 10.375 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 296 | 0.99980151 | 0 34 6.990758 | UTM 14 | |
| NEO | 000 | 297 | 2917984.819 | 627753.149 | 9.797 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 297 | 0.99980150 | 0 34 8.375597 | UTM 14 | |
| NEO | 000 | 298 | 2920131.603 | 627731.672 | 9.001 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 298 | 0.99980143 | 0 34 9.770269 | UTM 14 | |
| NEO | 000 | 299 | 2922240.613 | 628921.712 | 9.165 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 299 | 0.99980521 | 0 34 30.585773 | UTM 14 | |
| NEO | 000 | 3 | 2933413.500 | 586730.506 | 26.973 | UTM 14 |
| | | | 0.007 | 0.007 | 0.006 | |
| SFMC | | 3 | 0.99969287 | 0 23 19.244281 | UTM 14 | |
| NEO | 000 | 30 | 2909941.022 | 568866.550 | 48.666 | UTM 14 |
| | | | 0.013 | 0.013 | 0.013 | |
| SFMC | | 30 | 0.99965855 | 0 18 20.815550 | UTM 14 | |
| NEO | 000 | 300 | 2924642.593 | 628897.044 | 8.389 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 300 | 0.99980513 | 0 34 32.154403 | UTM 14 | |
| NEO | 000 | 301 | 2926557.272 | 629238.435 | 9.147 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 301 | 0.99980621 | 0 34 39.211541 | UTM 14 | |
| NEO | 000 | 302 | 2928794.360 | 628769.285 | 7.987 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 302 | 0.99980472 | 0 34 33.495528 | UTM 14 | |
| NEO | 000 | 303 | 2929629.603 | 632200.250 | 7.058 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 303 | 0.99981577 | 0 35 29.424229 | UTM 14 | |
| NEO | 000 | 304 | 2929712.287 | 625273.662 | 9.152 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 304 | 0.99979375 | 0 33 37.956175 | UTM 14 | |
| NEO | 000 | 305 | 2936835.028 | 622172.151 | 11.307 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 305 | 0.99978428 | 0 32 53.541819 | UTM 14 | |
| NEO | 000 | 306 | 2929748.398 | 622526.146 | 8.862 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING STD DEV | EASTING STD DEV | O-HEIGHT STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| SFMC | | 306 | 0.99978535 | 0 32 53.739908 | | UTM 14 |
| NEO | 000 | 307 | 2942392.191 | 622798.304 | 9.028 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 307 | 0.99978617 | 0 33 7.994814 | | UTM 14 |
| NEO | 000 | 308 | 2941179.609 | 622683.306 | 10.719 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 308 | 0.99978582 | 0 33 5.186951 | | UTM 14 |
| NEO | 000 | 309 | 2939153.630 | 622449.098 | 12.263 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 309 | 0.99978511 | 0 32 59.819928 | | UTM 14 |
| NEO | 000 | 31 | 2915818.264 | 568400.516 | 52.300 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 31 | 0.99965776 | 0 18 15.914128 | | UTM 14 |
| NEO | 000 | 310 | 2938295.807 | 622348.992 | 11.368 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 310 | 0.99978481 | 0 32 57.534262 | | UTM 14 |
| NEO | 000 | 311 | 2936140.780 | 622096.218 | 11.565 | UTM 14 |
| | | | 0.007 | 0.007 | 0.005 | |
| SFMC | | 311 | 0.99978405 | 0 32 51.776602 | | UTM 14 |
| NEO | 000 | 312 | 2933714.309 | 621812.440 | 9.638 | UTM 14 |
| | | | 0.007 | 0.007 | 0.004 | |
| SFMC | | 312 | 0.99978319 | 0 32 45.316130 | | UTM 14 |
| NEO | 000 | 313 | 2933697.970 | 619539.378 | 10.220 | UTM 14 |
| | | | 0.007 | 0.007 | 0.005 | |
| SFMC | | 313 | 0.99977642 | 0 32 8.641008 | | UTM 14 |
| NEO | 000 | 314 | 2934451.279 | 616569.445 | 9.089 | UTM 14 |
| | | | 0.010 | 0.010 | 0.009 | |
| SFMC | | 314 | 0.99976776 | 0 31 21.295895 | | UTM 14 |
| NEO | 000 | 315 | 2933614.581 | 614931.438 | 10.306 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 315 | 0.99976308 | 0 30 54.256267 | | UTM 14 |
| NEO | 000 | 316 | 2930323.938 | 615242.770 | 11.833 | UTM 14 |
| | | | 0.009 | 0.008 | 0.006 | |
| SFMC | | 316 | 0.99976397 | 0 30 56.868079 | | UTM 14 |
| NEO | 000 | 317 | 2931155.446 | 618207.217 | 10.233 | UTM 14 |
| | | | 0.008 | 0.008 | 0.005 | |
| SFMC | | 317 | 0.99977251 | 0 31 45.244245 | | UTM 14 |
| NEO | 000 | 318 | 2932188.071 | 629752.725 | 8.046 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 318 | 0.99980786 | 0 34 52.123212 | | UTM 14 |
| NEO | 000 | 319 | 2932660.574 | 622680.050 | 9.932 | UTM 14 |
| | | | 0.007 | 0.007 | 0.005 | |
| SFMC | | 319 | 0.99978581 | 0 32 58.488237 | | UTM 14 |
| NEO | 000 | 32 | 2944874.005 | 568107.178 | 56.853 | UTM 14 |
| | | | 0.005 | 0.005 | 0.005 | |
| SFMC | | 32 | 0.99965727 | 0 18 23.787919 | | UTM 14 |
| NEO | 000 | 320 | 2914182.094 | 619118.983 | 12.541 | UTM 14 |
| | | | 0.008 | 0.008 | 0.006 | |
| SFMC | | 320 | 0.99977519 | 0 31 47.106662 | | UTM 14 |
| NEO | 000 | 321 | 2914435.236 | 616844.585 | 12.413 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 321 | 0.99976856 | 0 31 10.890951 | | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| NEO | 000 | 322 | 2916738.229 | 616820.617 | 13.552 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 322 | 0.99976849 | 0 31 12.212539 | | UTM 14 |
| NEO | 000 | 323 | 2919631.097 | 616169.841 | 12.067 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 323 | 0.99976662 | 0 31 3.916754 | | UTM 14 |
| NEO | 000 | 324 | 2925402.471 | 616664.085 | 11.990 | UTM 14 |
| | | | 0.009 | 0.009 | 0.007 | |
| SFMC | | 324 | 0.99976804 | 0 31 16.116826 | | UTM 14 |
| NEO | 000 | 325 | 2926226.635 | 613389.964 | 11.357 | UTM 14 |
| | | | 0.010 | 0.010 | 0.008 | |
| SFMC | | 325 | 0.99975874 | 0 30 24.071763 | | UTM 14 |
| NEO | 000 | 33 | 2946333.500 | 565907.898 | 63.649 | UTM 14 |
| | | | 0.006 | 0.006 | 0.005 | |
| SFMC | | 33 | 0.99965363 | 0 17 48.760825 | | UTM 14 |
| NEO | 000 | 34 | 2943876.127 | 563535.589 | 74.089 | UTM 14 |
| | | | 0.006 | 0.006 | 0.006 | |
| SFMC | | 34 | 0.99964984 | 0 17 9.300485 | | UTM 14 |
| NEO | 000 | 35 | 2937993.110 | 562706.982 | 86.002 | UTM 14 |
| | | | 0.008 | 0.008 | 0.007 | |
| SFMC | | 35 | 0.99964855 | 0 16 53.530055 | | UTM 14 |
| NEO | 000 | 36 | 2933309.375 | 561257.895 | 97.529 | UTM 14 |
| | | | 0.008 | 0.008 | 0.008 | |
| SFMC | | 36 | 0.99964633 | 0 16 28.285861 | | UTM 14 |
| NEO | 000 | 37 | 2929451.151 | 558871.315 | 101.278 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |
| SFMC | | 37 | 0.99964279 | 0 15 48.342065 | | UTM 14 |
| NEO | 000 | 38 | 2944243.822 | 570203.077 | 49.765 | UTM 14 |
| | | | 0.005 | 0.005 | 0.005 | |
| SFMC | | 38 | 0.99966084 | 0 18 57.470301 | | UTM 14 |
| NEO | 000 | 39 | 2942380.514 | 576597.906 | 33.355 | UTM 14 |
| | | | 0.008 | 0.008 | 0.008 | |
| SFMC | | 39 | 0.99967243 | 0 20 40.162459 | | UTM 14 |
| NEO | 000 | 4 | 2928035.320 | 573207.515 | 51.419 | UTM 14 |
| | | | 0.004 | 0.004 | 0.004 | |
| SFMC | | 4 | 0.99966617 | 0 19 38.598917 | | UTM 14 |
| NEO | 000 | 40 | 2940541.987 | 587554.273 | 22.194 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 40 | 0.99969464 | 0 23 36.501630 | | UTM 14 |
| NEO | 000 | 41 | 2943879.153 | 588094.018 | 21.786 | UTM 14 |
| | | | 0.011 | 0.011 | 0.011 | |
| SFMC | | 41 | 0.99969581 | 0 23 47.103764 | | UTM 14 |
| NEO | 000 | 42 | 2946788.641 | 588568.103 | 20.377 | UTM 14 |
| | | | 0.012 | 0.012 | 0.012 | |
| SFMC | | 42 | 0.99969684 | 0 23 56.423599 | | UTM 14 |
| NEO | 000 | 43 | 2950530.255 | 587891.336 | 24.591 | UTM 14 |
| | | | 0.014 | 0.014 | 0.014 | |
| SFMC | | 43 | 0.99969537 | 0 23 47.544621 | | UTM 14 |
| NEO | 000 | 44 | 2954614.572 | 588595.160 | 24.453 | UTM 14 |
| | | | 0.015 | 0.015 | 0.015 | |
| SFMC | | 44 | 0.99969690 | 0 24 1.281322 | | UTM 14 |
| NEO | 000 | 45 | 2957847.619 | 589065.992 | 23.195 | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| | | | 0.016 | 0.016 | 0.016 | |
| SFMC | | 45 | 0.99969793 | 0 24 10.776511 | UTM 14 | |
| NEO | 000 | 46 | 2961701.919 | 589651.628 | 19.164 | UTM 14 |
| | | | 0.018 | 0.018 | 0.018 | |
| SFMC | | 46 | 0.99969922 | 0 24 22.519669 | UTM 14 | |
| NEO | 000 | 47 | 2901619.131 | 581884.663 | 32.121 | UTM 14 |
| | | | 0.002 | 0.002 | 0.003 | |
| SFMC | | 47 | 0.99968278 | 0 21 44.567870 | UTM 14 | |
| NEO | 000 | 48 | 2902433.677 | 580410.326 | 32.949 | UTM 14 |
| | | | 0.003 | 0.003 | 0.003 | |
| SFMC | | 48 | 0.99967983 | 0 21 21.496489 | UTM 14 | |
| NEO | 000 | 48B | 2902442.405 | 580423.176 | 33.020 | UTM 14 |
| | | | 0.003 | 0.003 | 0.003 | |
| SFMC | | 48B | 0.99967986 | 0 21 21.705693 | UTM 14 | |
| NEO | 000 | 49 | 2904403.895 | 579922.063 | 32.922 | UTM 14 |
| | | | 0.005 | 0.005 | 0.005 | |
| SFMC | | 49 | 0.99967886 | 0 21 14.712368 | UTM 14 | |
| NEO | 000 | 49B | 2904406.424 | 579903.962 | 32.900 | UTM 14 |
| | | | 0.005 | 0.005 | 0.005 | |
| SFMC | | 49B | 0.99967883 | 0 21 14.424989 | UTM 14 | |
| NEO | 000 | 5 | 2927043.372 | 579596.711 | 34.087 | UTM 14 |
| | | | 0.006 | 0.006 | 0.005 | |
| SFMC | | 5 | 0.99967822 | 0 21 20.947155 | UTM 14 | |
| NEO | 000 | 50 | 2906196.136 | 579781.738 | 32.853 | UTM 14 |
| | | | 0.006 | 0.006 | 0.006 | |
| SFMC | | 50 | 0.99967859 | 0 21 13.379516 | UTM 14 | |
| NEO | 000 | 51 | 2909029.044 | 580241.902 | 30.087 | UTM 14 |
| | | | 0.008 | 0.008 | 0.008 | |
| SFMC | | 51 | 0.99967949 | 0 21 22.162352 | UTM 14 | |
| NEO | 000 | 52 | 2911411.418 | 580509.763 | 29.032 | UTM 14 |
| | | | 0.008 | 0.008 | 0.008 | |
| SFMC | | 52 | 0.99968003 | 0 21 27.656700 | UTM 14 | |
| NEO | 000 | 53 | 2913269.144 | 580943.106 | 27.616 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |
| SFMC | | 53 | 0.99968089 | 0 21 35.539291 | UTM 14 | |
| NEO | 000 | 54 | 2913839.837 | 575448.472 | 37.570 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 54 | 0.99967028 | 0 20 7.878023 | UTM 14 | |
| NEO | 000 | 57 | 2917191.426 | 584708.957 | 25.783 | UTM 14 |
| | | | 0.007 | 0.007 | 0.007 | |
| SFMC | | 57 | 0.99968859 | 0 22 37.911250 | UTM 14 | |
| NEO | 000 | 58 | 2915598.037 | 585088.565 | 26.909 | UTM 14 |
| | | | 0.008 | 0.008 | 0.008 | |
| SFMC | | 58 | 0.99968939 | 0 22 43.136051 | UTM 14 | |
| NEO | 000 | 59 | 2912426.829 | 589822.638 | 24.270 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |
| SFMC | | 59 | 0.99969961 | 0 23 57.159613 | UTM 14 | |
| NEO | 000 | 6 | 2924976.614 | 593052.026 | 23.383 | UTM 14 |
| | | | 0.005 | 0.005 | 0.005 | |
| SFMC | | 6 | 0.99970690 | 0 24 56.226673 | UTM 14 | |
| NEO | 000 | 60 | 2909878.891 | 589516.458 | 24.892 | UTM 14 |
| | | | 0.009 | 0.009 | 0.009 | |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING<br>STD DEV | EASTING<br>STD DEV | O-HEIGHT<br>STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| SFMC | | 60 | 0.99969893 | 0 23 50.816738 | | UTM 14 |
| NEO | 000 | 61 | 2905529.310<br>0.008 | 589776.727<br>0.008 | 27.208<br>0.008 | UTM 14 |
| SFMC | | 61 | 0.99969951 | 0 23 52.503901 | | UTM 14 |
| NEO | 000 | 62 | 2908741.778<br>0.010 | 593534.858<br>0.010 | 22.299<br>0.010 | UTM 14 |
| SFMC | | 62 | 0.99970802 | 0 24 54.361508 | | UTM 14 |
| NEO | 000 | 63 | 2907417.009<br>0.007 | 585413.191<br>0.007 | 28.939<br>0.007 | UTM 14 |
| SFMC | | 63 | 0.99969007 | 0 22 43.909220 | | UTM 14 |
| NEO | 000 | 64 | 2906391.002<br>0.007 | 584791.920<br>0.007 | 29.623<br>0.007 | UTM 14 |
| SFMC | | 64 | 0.99968877 | 0 22 33.439263 | | UTM 14 |
| NEO | 000 | 65 | 2925648.809<br>0.003 | 587830.169<br>0.003 | 20.403<br>0.001 | UTM 14 |
| SFMC | | 65 | 0.99969524 | 0 23 32.650382 | | UTM 14 |
| NEO | 000 | 66 | 2903661.677<br>0.006 | 576219.459<br>0.006 | 36.238<br>0.006 | UTM 14 |
| SFMC | | 66 | 0.99967173 | 0 20 15.307056 | | UTM 14 |
| NEO | 000 | 67 | 2904163.119<br>0.006 | 576229.434<br>0.006 | 35.792<br>0.006 | UTM 14 |
| SFMC | | 67 | 0.99967174 | 0 20 15.707959 | | UTM 14 |
| NEO | 000 | 68 | 2905901.062<br>0.007 | 576595.937<br>0.007 | 34.083<br>0.007 | UTM 14 |
| SFMC | | 68 | 0.99967244 | 0 20 22.394731 | | UTM 14 |
| NEO | 000 | 69 | 2908104.079<br>0.008 | 576046.389<br>0.008 | 33.859<br>0.008 | UTM 14 |
| SFMC | | 69 | 0.99967140 | 0 20 14.686126 | | UTM 14 |
| NEO | 000 | 7 | 2925368.079<br>0.009 | 598505.309<br>0.009 | 19.434<br>0.009 | UTM 14 |
| SFMC | | 7 | 0.99971980 | 0 26 24.140504 | | UTM 14 |
| NEO | 000 | 70 | 2910278.436<br>0.009 | 577335.815<br>0.009 | 31.375<br>0.009 | UTM 14 |
| SFMC | | 70 | 0.99967384 | 0 20 36.344496 | | UTM 14 |
| NEO | 000 | 71 | 2908520.410<br>0.008 | 578210.972<br>0.008 | 31.617<br>0.008 | UTM 14 |
| SFMC | | 71 | 0.99967552 | 0 20 49.462866 | | UTM 14 |
| NEO | 000 | 72 | 2917221.854<br>0.007 | 584431.470<br>0.007 | 25.987<br>0.007 | UTM 14 |
| SFMC | | 72 | 0.99968801 | 0 22 33.479975 | | UTM 14 |
| NEO | 000 | 73 | 2913125.395<br>0.008 | 584087.692<br>0.008 | 27.621<br>0.008 | UTM 14 |
| SFMC | | 73 | 0.99968730 | 0 22 25.786451 | | UTM 14 |
| NEO | 000 | 74 | 2910503.844<br>0.008 | 583457.421<br>0.008 | 29.595<br>0.008 | UTM 14 |
| SFMC | | 74 | 0.99968599 | 0 22 14.314600 | | UTM 14 |
| NEO | 000 | 75 | 2909501.391<br>0.008 | 582706.388<br>0.008 | 28.820<br>0.008 | UTM 14 |
| SFMC | | 75 | 0.99968445 | 0 22 1.783674 | | UTM 14 |
| NEO | 000 | 76 | 2906683.670<br>0.007 | 577930.442<br>0.007 | 32.360<br>0.007 | UTM 14 |
| SFMC | | 76 | 0.99967498 | 0 20 44.075562 | | UTM 14 |

Adjusted NEO Coordinates:

| CODE | FFF | STATION | NORTHING / STD DEV | EASTING / STD DEV | O-HEIGHT / STD DEV | MAPPROJ |
|---|---|---|---|---|---|---|
| NEO | 000 | 77 | 2906339.306 | 577436.844 | 32.612 | UTM 14 |
| | | | 0.007 | 0.007 | 0.007 | |
| SFMC | | 77 | 0.99967403 | 0 20 36.027955 | | UTM 14 |
| NEO | 000 | 78 | 2914729.744 | 575171.892 | 39.277 | UTM 14 |
| | | | 0.010 | 0.010 | 0.013 | |
| SFMC | | 78 | 0.99966977 | 0 20 3.874652 | | UTM 14 |
| NEO | 000 | 79 | 2911651.045 | 562731.513 | 61.841 | UTM 14 |
| | | | 0.015 | 0.015 | 0.015 | |
| SFMC | | 79 | 0.99964859 | 0 16 43.436155 | | UTM 14 |
| NEO | 000 | 8 | 2930509.010 | 599173.643 | 15.310 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 8 | 0.99972143 | 0 26 38.124267 | | UTM 14 |
| NEO | 000 | 80 | 2913536.338 | 554995.824 | 70.827 | UTM 14 |
| | | | 0.019 | 0.019 | 0.019 | |
| SFMC | | 80 | 0.99963734 | 0 14 40.363298 | | UTM 14 |
| NEO | 000 | 9 | 2916393.475 | 596590.061 | 19.297 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | 9 | 0.99971519 | 0 25 47.846557 | | UTM 14 |
| NEO | 001 | B 1408 | 2934393.835 | 621858.586 | 10.468 | UTM 14 |
| | | | 0.008 | 0.008 | 0.000 | |
| SFMC | | B 1408 | 0.99978333 | 0 32 46.586756 | | UTM 14 |
| NEO | 000 | E 630 RESET | 2947952.444 | 564180.544 | 67.616 | UTM 14 |
| | | | 0.015 | 0.015 | 0.015 | |
| SFMC | | E 630 RESET | 0.99965085 | 0 17 21.414388 | | UTM 14 |
| NEO | 111 | KVTX | 3047394.637 | 609312.229 | 24.913 | UTM 14 |
| | | | 0.000 | 0.000 | 0.000 | |
| SFMC | | KVTX | 0.99974749 | 0 30 43.388103 | | UTM 14 |
| NEO | 001 | N 1408 | 2910643.337 | 622410.869 | 13.726 | UTM 14 |
| | | | 0.007 | 0.007 | 0.000 | |
| SFMC | | N 1408 | 0.99978500 | 0 32 37.049997 | | UTM 14 |
| NEO | 000 | R 630 RESET | 2941771.542 | 578606.924 | 31.497 | UTM 14 |
| | | | 0.011 | 0.011 | 0.010 | |
| SFMC | | R 630 RESET | 0.99967628 | 0 21 12.380830 | | UTM 14 |
| NEO | 111 | TXLR | 3043432.464 | 455763.116 | 138.963 | UTM 14 |
| | | | 0.000 | 0.000 | 0.000 | |
| SFMC | | TXLR | 0.99962415 | 0-12 24.932391 | | UTM 14 |
| NEO | 111 | TXPR | 2899025.141 | 580996.045 | 40.385 | UTM 14 |
| | | | 0.000 | 0.000 | 0.000 | |
| SFMC | | TXPR | 0.99968100 | 0 21 29.083784 | | UTM 14 |
| NEO | 000 | U 630 RESET | 2939859.965 | 582561.693 | 27.031 | UTM 14 |
| | | | 0.010 | 0.010 | 0.010 | |
| SFMC | | U 630 RESET | 0.99968415 | 0 22 15.382160 | | UTM 14 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 1 | N 26 34 | 44.06019 | W 98 10 | 46.83987 | 3.890 | |
| | | | | 0.010 | | 0.010 | | 0.010 |
| PLH | 000 | 10 | N 26 22 | 49.63375 | W 98 06 | 19.61333 | 5.872 | |
| | | | | 0.007 | | 0.007 | | 0.006 |
| PLH | 000 | 1001 | N 26 17 | 35.41181 | W 97 45 | 49.19600 | -10.957 | |
| | | | | 0.007 | | 0.007 | | 0.003 |
| PLH | 000 | 1002 | N 26 28 | 17.55614 | W 97 45 | 41.97137 | -14.163 | |
| | | | | 0.007 | | 0.007 | | 0.003 |
| PLH | 000 | 1003 | N 26 32 | 17.09261 | W 97 25 | 15.01344 | -21.035 | |
| | | | | 0.016 | | 0.016 | | 0.015 |
| PLH | 000 | 1004 | N 26 33 | 23.95843 | W 97 26 | 9.49148 | -20.169 | |
| | | | | 0.016 | | 0.016 | | 0.015 |
| PLH | 000 | 101 | N 26 28 | 26.55094 | W 98 17 | 15.57889 | 32.465 | |
| | | | | 0.004 | | 0.004 | | 0.003 |
| PLH | 000 | 102 | N 26 26 | 55.77740 | W 98 07 | 19.98311 | -1.068 | |
| | | | | 0.003 | | 0.003 | | 0.001 |
| PLH | 000 | 103 | N 26 37 | 22.76648 | W 98 18 | 58.39863 | 32.854 | |
| | | | | 0.005 | | 0.005 | | 0.005 |
| PLH | 000 | 105 | N 26 32 | 48.79794 | W 97 46 | 24.77520 | -12.327 | |
| | | | | 0.011 | | 0.011 | | 0.010 |
| PLH | 000 | 11 | N 26 23 | 48.97734 | W 98 08 | 24.33318 | 2.014 | |
| | | | | 0.006 | | 0.006 | | 0.005 |
| PLH | 000 | 12 | N 26 26 | 48.20964 | W 98 07 | 54.93616 | 1.519 | |
| | | | | 0.003 | | 0.003 | | 0.001 |
| PLH | 000 | 13 | N 26 30 | 11.97265 | W 98 07 | 56.86720 | -0.746 | |
| | | | | 0.006 | | 0.006 | | 0.005 |
| PLH | 000 | 14 | N 26 22 | 13.71141 | W 98 01 | 20.13924 | -3.411 | |
| | | | | 0.010 | | 0.010 | | 0.010 |
| PLH | 000 | 15 | N 26 23 | 2.85751 | W 97 58 | 0.32767 | -4.401 | |
| | | | | 0.013 | | 0.013 | | 0.013 |
| PLH | 000 | 16 | N 26 25 | 11.31359 | W 97 57 | 23.72204 | -6.529 | |
| | | | | 0.013 | | 0.013 | | 0.013 |
| PLH | 000 | 17 | N 26 23 | 9.02604 | W 97 52 | 37.72085 | -8.829 | |
| | | | | 0.018 | | 0.018 | | 0.018 |
| PLH | 000 | 18 | N 26 21 | 7.60280 | W 97 58 | 30.76981 | -3.405 | |
| | | | | 0.013 | | 0.013 | | 0.013 |
| PLH | 000 | 19 | N 26 19 | 6.82909 | W 98 01 | 42.01561 | 1.449 | |
| | | | | 0.011 | | 0.011 | | 0.011 |
| PLH | 000 | 2 | N 26 33 | 45.52863 | W 98 07 | 59.45011 | -3.071 | |
| | | | | 0.009 | | 0.009 | | 0.009 |
| PLH | 000 | 20 | N 26 19 | 40.49998 | W 98 02 | 49.90026 | -0.320 | |
| | | | | 0.010 | | 0.010 | | 0.010 |
| PLH | 000 | 201 | N 26 34 | 9.81115 | W 97 25 | 44.53322 | -21.948 | |
| | | | | 0.023 | | 0.023 | | 0.022 |
| PLH | 000 | 202 | N 26 32 | 15.99574 | W 97 25 | 13.94343 | -21.585 | |
| | | | | 0.022 | | 0.022 | | 0.022 |
| PLH | 000 | 203 | N 26 30 | 52.96112 | W 97 27 | 25.52647 | -19.601 | |
| | | | | 0.020 | | 0.020 | | 0.020 |
| PLH | 000 | 204 | N 26 30 | 14.59242 | W 97 29 | 21.37772 | -19.692 | |
| | | | | 0.019 | | 0.019 | | 0.018 |
| PLH | 000 | 205 | N 26 29 | 45.13938 | W 97 31 | 19.71742 | -18.662 | |
| | | | | 0.017 | | 0.017 | | 0.016 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 206 | N 26 29 22.35913 | 0.014 | W 97 34 13.95191 | 0.014 | -17.202 | 0.013 |
| PLH | 000 | 207 | N 26 29 37.35479 | 0.013 | W 97 35 49.16505 | 0.013 | -16.613 | 0.012 |
| PLH | 000 | 208 | N 26 35 42.44232 | 0.013 | W 97 46 1.47176 | 0.013 | -14.792 | 0.011 |
| PLH | 000 | 209 | N 26 34 5.68391 | 0.011 | W 97 46 15.15626 | 0.011 | -11.525 | 0.009 |
| PLH | 000 | 21 | N 26 24 24.89776 | 0.009 | W 98 01 11.07657 | 0.009 | -2.422 | 0.009 |
| PLH | 000 | 210 | N 26 32 16.66136 | 0.009 | W 97 46 30.12276 | 0.009 | -11.723 | 0.007 |
| PLH | 000 | 211 | N 26 32 5.08910 | 0.011 | W 97 50 52.85472 | 0.011 | -14.496 | 0.009 |
| PLH | 000 | 212 | N 26 31 5.41325 | 0.010 | W 97 51 38.34174 | 0.010 | -13.089 | 0.009 |
| PLH | 000 | 213 | N 26 30 25.95729 | 0.011 | W 97 52 51.16904 | 0.011 | -11.913 | 0.009 |
| PLH | 000 | 214 | N 26 31 52.56069 | 0.013 | W 97 56 55.08368 | 0.013 | -10.392 | 0.012 |
| PLH | 000 | 215 | N 26 29 18.77262 | 0.013 | W 97 58 21.26489 | 0.013 | -8.986 | 0.012 |
| PLH | 000 | 216 | N 26 20 17.87379 | 0.008 | W 97 47 1.30596 | 0.008 | -10.495 | 0.005 |
| PLH | 000 | 217 | N 26 20 50.53718 | 0.010 | W 97 51 21.96562 | 0.010 | -9.663 | 0.008 |
| PLH | 000 | 218 | N 26 20 39.88022 | 0.009 | W 97 49 44.11397 | 0.009 | -10.707 | 0.007 |
| PLH | 000 | 219 | N 26 20 34.40064 | 0.008 | W 97 45 6.21586 | 0.008 | -11.803 | 0.005 |
| PLH | 000 | 22 | N 26 28 43.59795 | 0.005 | W 98 18 51.91132 | 0.005 | 43.198 | 0.004 |
| PLH | 000 | 220 | N 26 21 26.29124 | 0.009 | W 97 43 10.14590 | 0.009 | -12.758 | 0.007 |
| PLH | 000 | 221 | N 26 19 39.21468 | 0.010 | W 97 40 0.81402 | 0.010 | -13.875 | 0.008 |
| PLH | 000 | 222 | N 26 22 21.81281 | 0.010 | W 97 40 22.67774 | 0.010 | -15.002 | 0.008 |
| PLH | 000 | 223 | N 26 24 3.62354 | 0.009 | W 97 42 27.55437 | 0.009 | -14.187 | 0.007 |
| PLH | 000 | 224 | N 26 24 3.36834 | 0.008 | W 97 46 52.14117 | 0.008 | -12.994 | 0.006 |
| PLH | 000 | 225 | N 26 30 17.84072 | 0.012 | W 97 38 22.63863 | 0.012 | -17.412 | 0.010 |
| PLH | 000 | 226 | N 26 32 0.07879 | 0.010 | W 97 42 15.88195 | 0.010 | -14.915 | 0.008 |
| PLH | 000 | 227 | N 26 30 40.11492 | 0.008 | W 97 45 10.03587 | 0.008 | -14.219 | 0.005 |
| PLH | 000 | 228 | N 26 31 33.85324 | 0.009 | W 97 47 29.77660 | 0.009 | -14.011 | 0.006 |
| PLH | 000 | 229 | N 26 28 54.71468 | 0.007 | W 97 47 37.46432 | 0.007 | -13.913 | 0.004 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 23 | N 26 28 36.01898 | 0.007 | W 98 21 19.96014 | 0.007 | 58.471 | 0.006 |
| PLH | 000 | 230 | N 26 27 8.29495 | 0.007 | W 97 47 50.84530 | 0.007 | -13.700 | 0.005 |
| PLH | 000 | 231 | N 26 27 6.16418 | 0.009 | W 97 50 47.21635 | 0.009 | -11.291 | 0.008 |
| PLH | 000 | 232 | N 26 27 1.50152 | 0.013 | W 97 54 49.42194 | 0.013 | -9.649 | 0.012 |
| PLH | 000 | 233 | N 26 27 22.69959 | 0.015 | W 97 57 14.38266 | 0.015 | -9.072 | 0.014 |
| PLH | 000 | 234 | N 26 28 31.08905 | 0.016 | W 97 58 59.31667 | 0.016 | -7.678 | 0.016 |
| PLH | 000 | 235 | N 26 29 32.89095 | 0.013 | W 97 54 49.57199 | 0.013 | -11.738 | 0.012 |
| PLH | 000 | 236 | N 26 25 18.95210 | 0.010 | W 97 51 38.92783 | 0.010 | -11.376 | 0.009 |
| PLH | 000 | 237 | N 26 23 9.55439 | 0.010 | W 97 49 45.04617 | 0.010 | -11.731 | 0.008 |
| PLH | 000 | 238 | N 26 22 18.66281 | 0.009 | W 97 47 29.52931 | 0.009 | -10.957 | 0.007 |
| PLH | 000 | 239 | N 26 25 47.81757 | 0.008 | W 97 47 3.84008 | 0.008 | -13.640 | 0.005 |
| PLH | 000 | 24 | N 26 26 25.95363 | 0.008 | W 98 21 42.12262 | 0.008 | 58.416 | 0.007 |
| PLH | 000 | 240 | N 26 28 56.51300 | 0.007 | W 97 43 27.23171 | 0.007 | -15.049 | 0.005 |
| PLH | 000 | 241 | N 26 30 46.15788 | 0.010 | W 97 41 17.42913 | 0.010 | -16.526 | 0.008 |
| PLH | 000 | 242 | N 26 31 35.84445 | 0.013 | W 97 37 36.63139 | 0.013 | -17.014 | 0.012 |
| PLH | 000 | 243 | N 26 27 20.40455 | 0.013 | W 97 36 28.77096 | 0.013 | -17.243 | 0.012 |
| PLH | 000 | 244 | N 26 25 8.28722 | 0.016 | W 97 32 49.19421 | 0.016 | -18.549 | 0.015 |
| PLH | 000 | 245 | N 26 23 25.93580 | 0.015 | W 97 33 36.94991 | 0.015 | -17.862 | 0.014 |
| PLH | 000 | 246 | N 26 22 33.48901 | 0.017 | W 97 31 0.69606 | 0.017 | -16.117 | 0.016 |
| PLH | 000 | 247 | N 26 18 37.87912 | 0.015 | W 97 34 32.21676 | 0.014 | -16.386 | 0.013 |
| PLH | 000 | 248 | N 26 20 29.39412 | 0.014 | W 97 34 34.02151 | 0.014 | -16.666 | 0.013 |
| PLH | 000 | 249 | N 26 34 34.05951 | 0.017 | W 97 20 52.22561 | 0.017 | -22.810 | 0.016 |
| PLH | 000 | 25 | N 26 24 59.72172 | 0.007 | W 98 19 23.12516 | 0.007 | 39.081 | 0.007 |
| PLH | 000 | 250 | N 26 33 45.69999 | 0.017 | W 97 20 29.58875 | 0.017 | -22.779 | 0.016 |
| PLH | 000 | 251 | N 26 30 25.77898 | 0.017 | W 97 20 13.17956 | 0.017 | -22.534 | 0.017 |
| PLH | 000 | 252 | N 26 28 30.67626 | 0.018 | W 97 19 22.53057 | 0.018 | -22.499 | 0.017 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 253 | N 26 28 5.87834 | 0.009 | W 97 40 26.08839 | 0.009 | -15.589 | 0.008 |
| PLH | 000 | 254 | N 26 27 12.36781 | 0.008 | W 97 42 24.55148 | 0.008 | -14.041 | 0.006 |
| PLH | 000 | 255 | N 26 24 55.88838 | 0.009 | W 97 43 6.16044 | 0.009 | -13.754 | 0.007 |
| PLH | 000 | 256 | N 26 21 52.43727 | 0.009 | W 97 43 10.39429 | 0.009 | -13.185 | 0.007 |
| PLH | 000 | 257 | N 26 23 13.28982 | 0.011 | W 97 39 24.75549 | 0.011 | -15.858 | 0.009 |
| PLH | 000 | 258 | N 26 25 27.34301 | 0.012 | W 97 36 59.17496 | 0.012 | -16.527 | 0.011 |
| PLH | 000 | 259 | N 26 24 19.22850 | 0.014 | W 97 34 20.20675 | 0.014 | -17.635 | 0.013 |
| PLH | 001 | 25R B | N 26 26 33.64363 | 0.003 | W 98 07 26.61623 | 0.003 | -3.277 | 0.000 |
| PLH | 000 | 26 | N 26 22 46.92624 | 0.009 | W 98 19 47.79698 | 0.009 | 35.062 | 0.009 |
| PLH | 000 | 260 | N 26 23 9.63511 | 0.014 | W 97 35 9.53453 | 0.014 | -17.675 | 0.013 |
| PLH | 000 | 261 | N 26 21 58.66124 | 0.014 | W 97 35 10.83549 | 0.014 | -17.347 | 0.013 |
| PLH | 000 | 262 | N 26 20 33.23678 | 0.012 | W 97 37 30.45787 | 0.012 | -16.091 | 0.011 |
| PLH | 000 | 263 | N 26 28 27.01784 | 0.007 | W 97 46 6.21840 | 0.007 | -14.457 | 0.003 |
| PLH | 000 | 264 | N 26 30 9.35254 | 0.007 | W 97 46 14.25800 | 0.007 | -13.056 | 0.004 |
| PLH | 000 | 265 | N 26 30 13.85193 | 0.008 | W 97 47 52.53946 | 0.008 | -13.433 | 0.005 |
| PLH | 000 | 266 | N 26 25 22.12167 | 0.008 | W 97 47 50.77797 | 0.008 | -12.471 | 0.006 |
| PLH | 000 | 267 | N 26 24 28.05129 | 0.009 | W 97 49 45.28642 | 0.009 | -11.941 | 0.008 |
| PLH | 000 | 268 | N 26 26 12.88832 | 0.009 | W 97 49 47.20972 | 0.009 | -11.935 | 0.007 |
| PLH | 000 | 269 | N 26 28 0.38738 | 0.009 | W 97 49 48.69451 | 0.009 | -12.254 | 0.006 |
| PLH | 000 | 27 | N 26 21 14.70367 | 0.011 | W 98 19 59.05557 | 0.011 | 33.234 | 0.011 |
| PLH | 000 | 270 | N 26 29 31.11454 | 0.009 | W 97 49 47.91316 | 0.009 | -11.997 | 0.007 |
| PLH | 000 | 271 | N 26 28 2.33551 | 0.008 | W 97 42 29.46605 | 0.008 | -14.640 | 0.005 |
| PLH | 000 | 272 | N 26 26 6.34319 | 0.010 | W 97 40 19.46461 | 0.010 | -15.674 | 0.008 |
| PLH | 000 | 273 | N 26 24 15.87135 | 0.010 | W 97 40 23.45254 | 0.010 | -15.407 | 0.009 |
| PLH | 000 | 274 | N 26 23 13.05775 | 0.010 | W 97 41 21.00711 | 0.010 | -14.952 | 0.008 |
| PLH | 000 | 275 | N 26 21 27.58426 | 0.010 | W 97 41 20.99520 | 0.010 | -14.111 | 0.008 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 276 | N 26 19 38.29665 | 0.008 | W 97 43 10.35884 | 0.008 | -12.996 | 0.006 |
| PLH | 000 | 277 | N 26 22 19.01099 | 0.009 | W 97 45 6.27298 | 0.009 | -12.021 | 0.007 |
| PLH | 000 | 278 | N 26 22 18.59537 | 0.009 | W 97 47 2.23814 | 0.009 | -9.788 | 0.007 |
| PLH | 000 | 279 | N 26 22 21.82154 | 0.011 | W 97 51 38.61875 | 0.011 | -10.529 | 0.009 |
| PLH | 000 | 28 | N 26 19 13.55754 | 0.013 | W 98 20 25.56311 | 0.013 | 29.900 | 0.013 |
| PLH | 000 | 280 | N 26 24 34.09142 | 0.010 | W 97 51 39.00336 | 0.010 | -11.405 | 0.009 |
| PLH | 000 | 281 | N 26 26 11.69931 | 0.010 | W 97 51 39.72040 | 0.010 | -11.254 | 0.009 |
| PLH | 000 | 282 | N 26 26 14.02461 | 0.007 | W 97 46 19.14561 | 0.007 | -14.452 | 0.005 |
| PLH | 000 | 283 | N 26 24 56.41406 | 0.008 | W 97 45 6.36271 | 0.008 | -12.984 | 0.006 |
| PLH | 000 | 284 | N 26 27 10.41334 | 0.007 | W 97 44 53.29983 | 0.007 | -14.764 | 0.004 |
| PLH | 000 | 285 | N 26 27 9.17604 | 0.007 | W 97 46 17.93954 | 0.007 | -13.930 | 0.004 |
| PLH | 000 | 286 | N 26 28 15.12744 | 0.007 | W 97 45 52.53234 | 0.007 | -15.086 | 0.003 |
| PLH | 000 | 287 | N 26 28 33.58948 | 0.007 | W 97 46 14.35455 | 0.007 | -14.027 | 0.003 |
| PLH | 000 | 288 | N 26 27 10.60523 | 0.007 | W 97 46 49.87153 | 0.007 | -13.674 | 0.004 |
| PLH | 000 | 289 | N 26 25 48.23934 | 0.008 | W 97 47 20.66499 | 0.008 | -13.996 | 0.006 |
| PLH | 000 | 29 | N 26 17 18.08666 | 0.015 | W 98 21 9.48120 | 0.015 | 29.756 | 0.015 |
| PLH | 000 | 290 | N 26 24 43.69291 | 0.008 | W 97 47 21.54601 | 0.008 | -12.852 | 0.006 |
| PLH | 000 | 291 | N 26 23 44.75100 | 0.009 | W 97 47 26.12871 | 0.009 | -12.009 | 0.007 |
| PLH | 000 | 292 | N 26 21 40.21311 | 0.009 | W 97 47 29.37133 | 0.009 | -11.141 | 0.007 |
| PLH | 000 | 293 | N 26 21 0.19551 | 0.008 | W 97 47 25.64809 | 0.008 | -11.828 | 0.006 |
| PLH | 000 | 294 | N 26 21 25.64967 | 0.008 | W 97 47 1.12174 | 0.008 | -11.476 | 0.006 |
| PLH | 000 | 295 | N 26 21 26.27679 | 0.008 | W 97 45 32.56330 | 0.008 | -11.863 | 0.006 |
| PLH | 000 | 296 | N 26 21 38.31236 | 0.009 | W 97 43 10.49213 | 0.009 | -12.736 | 0.007 |
| PLH | 000 | 297 | N 26 22 34.44326 | 0.009 | W 97 43 9.90514 | 0.009 | -13.349 | 0.007 |
| PLH | 000 | 298 | N 26 23 44.21554 | 0.009 | W 97 43 9.91053 | 0.009 | -14.191 | 0.007 |
| PLH | 000 | 299 | N 26 24 52.36668 | 0.009 | W 97 42 26.20461 | 0.009 | -14.045 | 0.007 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE<br>STD DEV | LONGITUDE<br>STD DEV | ELIP-HEIGHT<br>STD DEV |
|---|---|---|---|---|---|
| PLH | 000 | 3 | N 26 31 7.01677 | W 98 07 46.31010 | 2.905 |
| | | | 0.007 | 0.007 | 0.006 |
| PLH | 000 | 30 | N 26 18 27.61796 | W 98 18 36.25925 | 24.691 |
| | | | 0.013 | 0.013 | 0.013 |
| PLH | 000 | 300 | N 26 26 10.43251 | W 97 42 26.22434 | -14.870 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 301 | N 26 27 12.54248 | W 97 42 13.20455 | -14.141 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 302 | N 26 28 25.39477 | W 97 42 29.33044 | -15.354 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 303 | N 26 28 51.40156 | W 97 40 25.13168 | -16.227 |
| | | | 0.010 | 0.010 | 0.008 |
| PLH | 000 | 304 | N 26 28 56.35161 | W 97 44 35.23048 | -14.279 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 305 | N 26 32 48.79816 | W 97 46 24.77499 | -12.327 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 306 | N 26 28 58.38909 | W 97 46 14.43723 | -14.628 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 307 | N 26 35 49.19602 | W 97 46 0.21676 | -14.694 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 308 | N 26 35 9.82643 | W 97 46 4.79571 | -12.984 |
| | | | 0.008 | 0.008 | 0.005 |
| PLH | 000 | 309 | N 26 34 4.06064 | W 97 46 13.96428 | -11.408 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 31 | N 26 21 38.73037 | W 98 18 51.94116 | 28.280 |
| | | | 0.010 | 0.010 | 0.010 |
| PLH | 000 | 310 | N 26 33 36.21480 | W 97 46 17.87929 | -12.290 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 311 | N 26 32 26.26040 | W 97 46 27.75846 | -12.057 |
| | | | 0.007 | 0.007 | 0.005 |
| PLH | 000 | 312 | N 26 31 7.49380 | W 97 46 38.84727 | -13.945 |
| | | | 0.007 | 0.007 | 0.004 |
| PLH | 000 | 313 | N 26 31 7.66011 | W 97 48 0.96524 | -13.411 |
| | | | 0.007 | 0.007 | 0.005 |
| PLH | 000 | 314 | N 26 31 33.03267 | W 97 49 48.00448 | -14.616 |
| | | | 0.010 | 0.010 | 0.009 |
| PLH | 000 | 315 | N 26 31 6.32337 | W 97 50 47.45256 | -13.414 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 316 | N 26 29 19.29109 | W 97 50 37.27647 | -11.818 |
| | | | 0.009 | 0.008 | 0.006 |
| PLH | 000 | 317 | N 26 29 45.43521 | W 97 48 49.93751 | -13.376 |
| | | | 0.008 | 0.008 | 0.005 |
| PLH | 000 | 318 | N 26 30 15.35724 | W 97 41 52.57726 | -15.338 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 319 | N 26 30 32.98031 | W 97 46 7.87103 | -13.611 |
| | | | 0.007 | 0.007 | 0.005 |
| PLH | 000 | 32 | N 26 37 23.17825 | W 98 18 56.94049 | 32.468 |
| | | | 0.005 | 0.005 | 0.005 |
| PLH | 000 | 320 | N 26 20 33.55181 | W 97 48 22.69049 | -10.715 |
| | | | 0.008 | 0.008 | 0.006 |
| PLH | 000 | 321 | N 26 20 42.45562 | W 97 49 44.64450 | -10.897 |
| | | | 0.009 | 0.009 | 0.007 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE | STD DEV | LONGITUDE | STD DEV | ELIP-HEIGHT | STD DEV |
|---|---|---|---|---|---|---|---|---|
| PLH | 000 | 322 | N 26 21 57.30781 | 0.010 | W 97 49 44.75527 | 0.010 | -9.801 | 0.008 |
| PLH | 000 | 323 | N 26 23 31.51472 | 0.010 | W 97 50 7.29068 | 0.010 | -11.353 | 0.008 |
| PLH | 000 | 324 | N 26 26 38.93200 | 0.009 | W 97 49 47.56320 | 0.009 | -11.535 | 0.007 |
| PLH | 000 | 325 | N 26 27 6.67082 | 0.010 | W 97 51 45.50114 | 0.010 | -12.247 | 0.008 |
| PLH | 000 | 33 | N 26 38 10.99178 | 0.006 | W 98 20 16.19853 | 0.006 | 39.233 | 0.005 |
| PLH | 000 | 34 | N 26 36 51.51301 | 0.006 | W 98 21 42.44111 | 0.006 | 49.730 | 0.006 |
| PLH | 000 | 35 | N 26 33 40.43161 | 0.008 | W 98 22 13.44982 | 0.008 | 61.760 | 0.007 |
| PLH | 000 | 36 | N 26 31 8.42414 | 0.008 | W 98 23 6.63649 | 0.008 | 73.361 | 0.008 |
| PLH | 000 | 37 | N 26 29 3.38282 | 0.009 | W 98 24 33.50568 | 0.009 | 77.161 | 0.009 |
| PLH | 000 | 38 | N 26 37 2.32574 | 0.005 | W 98 17 41.27367 | 0.005 | 25.393 | 0.005 |
| PLH | 000 | 39 | N 26 36 0.56648 | 0.008 | W 98 13 50.44124 | 0.008 | 9.035 | 0.008 |
| PLH | 000 | 4 | N 26 28 14.96130 | 0.004 | W 98 15 55.99001 | 0.004 | 27.324 | 0.004 |
| PLH | 000 | 40 | N 26 34 58.51839 | 0.010 | W 98 07 14.78244 | 0.010 | -2.010 | 0.010 |
| PLH | 000 | 41 | N 26 36 46.85846 | 0.011 | W 98 06 54.43752 | 0.011 | -2.483 | 0.011 |
| PLH | 000 | 42 | N 26 38 21.31203 | 0.012 | W 98 06 36.56353 | 0.012 | -3.950 | 0.012 |
| PLH | 000 | 43 | N 26 40 23.06949 | 0.014 | W 98 07 0.10328 | 0.014 | 0.179 | 0.014 |
| PLH | 000 | 44 | N 26 42 35.65255 | 0.015 | W 98 06 33.60970 | 0.015 | -0.042 | 0.015 |
| PLH | 000 | 45 | N 26 44 20.62011 | 0.016 | W 98 06 15.74875 | 0.016 | -1.368 | 0.016 |
| PLH | 000 | 46 | N 26 46 25.75061 | 0.018 | W 98 05 53.56179 | 0.018 | -5.478 | 0.018 |
| PLH | 000 | 47 | N 26 13 54.66039 | 0.002 | W 98 10 48.68415 | 0.002 | 8.308 | 0.003 |
| PLH | 000 | 48 | N 26 14 21.43612 | 0.003 | W 98 11 41.63615 | 0.003 | 9.111 | 0.003 |
| PLH | 000 | 48B | N 26 14 21.71721 | 0.003 | W 98 11 41.17106 | 0.003 | 9.182 | 0.003 |
| PLH | 000 | 49 | N 26 15 25.57280 | 0.005 | W 98 11 58.79534 | 0.005 | 9.061 | 0.005 |
| PLH | 000 | 49B | N 26 15 25.65863 | 0.005 | W 98 11 59.44726 | 0.005 | 9.039 | 0.005 |
| PLH | 000 | 5 | N 26 27 41.48240 | 0.006 | W 98 12 5.47341 | 0.006 | 10.046 | 0.005 |
| PLH | 000 | 50 | N 26 16 23.85439 | 0.006 | W 98 12 3.45496 | 0.006 | 8.976 | 0.006 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE<br>STD DEV | LONGITUDE<br>STD DEV | ELIP-HEIGHT<br>STD DEV |
|---|---|---|---|---|---|
| PLH | 000 | 51 | N 26 17 55.83980<br>0.008 | W 98 11 46.23035<br>0.008 | 6.192<br>0.008 |
| PLH | 000 | 52 | N 26 19 13.21958<br>0.008 | W 98 11 36.03512<br>0.008 | 5.122<br>0.008 |
| PLH | 000 | 53 | N 26 20 13.51258<br>0.009 | W 98 11 19.98510<br>0.009 | 3.696<br>0.009 |
| PLH | 000 | 54 | N 26 20 33.14558<br>0.010 | W 98 14 38.06863<br>0.010 | 13.597<br>0.010 |
| PLH | 000 | 57 | N 26 22 20.20917<br>0.007 | W 98 09 3.21317<br>0.007 | 1.882<br>0.007 |
| PLH | 000 | 58 | N 26 21 28.33905<br>0.008 | W 98 08 49.89603<br>0.008 | 3.025<br>0.008 |
| PLH | 000 | 59 | N 26 19 44.22356<br>0.009 | W 98 05 59.89863<br>0.009 | 0.476<br>0.009 |
| PLH | 000 | 6 | N 26 26 31.36505<br>0.005 | W 98 04 0.14260<br>0.005 | -0.495<br>0.005 |
| PLH | 000 | 60 | N 26 18 21.47950<br>0.009 | W 98 06 11.57992<br>0.009 | 1.114<br>0.009 |
| PLH | 000 | 61 | N 26 16 0.04986<br>0.008 | W 98 06 3.28432<br>0.008 | 3.472<br>0.008 |
| PLH | 000 | 62 | N 26 17 43.59498<br>0.010 | W 98 03 46.96823<br>0.010 | -1.407<br>0.010 |
| PLH | 000 | 63 | N 26 17 2.36607<br>0.007 | W 98 08 40.13841<br>0.007 | 5.123<br>0.007 |
| PLH | 000 | 64 | N 26 16 29.15115<br>0.007 | W 98 09 2.78122<br>0.007 | 5.807<br>0.007 |
| PLH | 000 | 65 | N 26 26 54.40906<br>0.003 | W 98 07 8.50516<br>0.003 | -3.542<br>0.001 |
| PLH | 000 | 66 | N 26 15 2.17466<br>0.006 | W 98 14 12.42282<br>0.006 | 12.348<br>0.006 |
| PLH | 000 | 67 | N 26 15 18.47137<br>0.006 | W 98 14 11.95674<br>0.006 | 11.898<br>0.006 |
| PLH | 000 | 68 | N 26 16 14.89003<br>0.007 | W 98 13 58.37424<br>0.007 | 10.177<br>0.007 |
| PLH | 000 | 69 | N 26 17 26.60092<br>0.008 | W 98 14 17.71890<br>0.008 | 9.931<br>0.008 |
| PLH | 000 | 7 | N 26 26 42.76455<br>0.009 | W 98 00 43.15356<br>0.009 | -4.382<br>0.009 |
| PLH | 000 | 70 | N 26 18 37.02547<br>0.009 | W 98 13 30.75497<br>0.009 | 7.442<br>0.009 |
| PLH | 000 | 71 | N 26 17 39.71277<br>0.008 | W 98 12 59.57751<br>0.008 | 7.705<br>0.008 |
| PLH | 000 | 72 | N 26 22 21.25742<br>0.007 | W 98 09 13.21844<br>0.007 | 2.082<br>0.007 |
| PLH | 000 | 73 | N 26 20 8.18596<br>0.008 | W 98 09 26.58793<br>0.008 | 3.742<br>0.008 |
| PLH | 000 | 74 | N 26 18 43.11201<br>0.008 | W 98 09 49.93460<br>0.008 | 5.728<br>0.008 |
| PLH | 000 | 75 | N 26 18 10.68677<br>0.008 | W 98 10 17.25161<br>0.008 | 4.951<br>0.008 |
| PLH | 000 | 76 | N 26 16 40.06799<br>0.007 | W 98 13 10.09274<br>0.007 | 8.460<br>0.007 |

Adjusted PLH Coordinates:

| CODE | FFF | STATION | LATITUDE<br>STD DEV | LONGITUDE<br>STD DEV | ELIP-HEIGHT<br>STD DEV |
|---|---|---|---|---|---|
| PLH | 000 | 77 | N 26 16 28.97150 | W 98 13 27.96332 | 8.710 |
| | | | 0.007 | 0.007 | 0.007 |
| PLH | 000 | 78 | N 26 21 2.12286 | W 98 14 47.85868 | 15.296 |
| | | | 0.010 | 0.010 | 0.013 |
| PLH | 000 | 79 | N 26 19 24.21759 | W 98 22 17.21439 | 37.841 |
| | | | 0.015 | 0.015 | 0.015 |
| PLH | 000 | 8 | N 26 29 29.67978 | W 98 00 17.58722 | -8.592 |
| | | | 0.010 | 0.010 | 0.010 |
| PLH | 000 | 80 | N 26 20 26.64590 | W 98 26 55.94685 | 46.815 |
| | | | 0.019 | 0.019 | 0.019 |
| PLH | 000 | 9 | N 26 21 51.55432 | W 98 01 54.73668 | -4.427 |
| | | | 0.010 | 0.010 | 0.010 |
| PLH | 001 | B 1408 | N 26 31 29.56253 | W 97 46 36.94629 | -13.127 |
| | | | 0.008 | 0.008 | 0.000 |
| PLH | 000 | E 630 RESET | N 26 39 3.89862 | W 98 21 18.37585 | 43.167 |
| | | | 0.015 | 0.015 | 0.015 |
| PLH | 111 | KVTX | N 27 32 45.40708 | W 97 53 34.34552 | -1.293 |
| | | | 0.000 | 0.000 | 0.000 |
| PLH | 001 | N 1408 | N 26 18 37.54452 | W 97 46 25.16644 | -9.393 |
| | | | 0.007 | 0.007 | 0.000 |
| PLH | 000 | R 630 RESET | N 26 35 40.37613 | W 98 12 37.94227 | 7.199 |
| | | | 0.011 | 0.011 | 0.010 |
| PLH | 111 | TXLR | N 27 30 49.91332 | W 99 26 52.50981 | 114.910 |
| | | | 0.000 | 0.000 | 0.000 |
| PLH | 111 | TXPR | N 26 12 30.52902 | W 98 11 21.29396 | 16.582 |
| | | | 0.000 | 0.000 | 0.000 |
| PLH | 000 | U 630 RESET | N 26 34 37.43429 | W 98 10 15.41566 | 2.801 |
| | | | 0.010 | 0.010 | 0.010 |

Geoid Values:

| CODE | NAME | N/S DEFLECTION | E/W DEFLECTION | UNDULATION |
|---|---|---|---|---|
| GEOI | 1 | + 0 0 4.4 | - 0 0 1.3 | -24.241 |
| GEOI | 10 | + 0 0 2.0 | - 0 0 2.5 | -23.851 |
| GEOI | 1001 | + 0 0 3.7 | - 0 0 4.2 | -23.063 |
| GEOI | 1002 | + 0 0 4.1 | - 0 0 3.9 | -23.447 |
| GEOI | 1003 | + 0 0 4.4 | - 0 0 3.8 | -22.850 |
| GEOI | 1004 | + 0 0 4.4 | - 0 0 3.9 | -22.926 |
| GEOI | 101 | + 0 0 2.2 | - 0 0 0.7 | -24.108 |
| GEOI | 102 | + 0 0 2.5 | - 0 0 1.9 | -23.949 |
| GEOI | 103 | + 0 0 4.3 | + 0 0 0.1 | -24.386 |
| GEOI | 105 | + 0 0 4.0 | - 0 0 4.0 | -23.634 |
| GEOI | 11 | + 0 0 2.1 | - 0 0 2.2 | -23.909 |
| GEOI | 12 | + 0 0 2.6 | - 0 0 1.9 | -23.956 |
| GEOI | 13 | + 0 0 3.5 | - 0 0 1.7 | -24.042 |
| GEOI | 14 | + 0 0 2.5 | - 0 0 3.3 | -23.715 |
| GEOI | 15 | + 0 0 3.4 | - 0 0 3.1 | -23.639 |
| GEOI | 16 | + 0 0 3.8 | - 0 0 3.0 | -23.690 |
| GEOI | 17 | + 0 0 3.8 | - 0 0 3.4 | -23.488 |
| GEOI | 18 | + 0 0 2.6 | - 0 0 3.4 | -23.606 |
| GEOI | 19 | + 0 0 1.9 | - 0 0 3.6 | -23.666 |
| GEOI | 2 | + 0 0 4.3 | - 0 0 1.5 | -24.167 |
| GEOI | 20 | + 0 0 1.9 | - 0 0 3.4 | -23.710 |
| GEOI | 201 | + 0 0 4.4 | - 0 0 3.9 | -22.942 |
| GEOI | 202 | + 0 0 4.4 | - 0 0 3.8 | -22.849 |
| GEOI | 203 | + 0 0 4.2 | - 0 0 3.9 | -22.873 |
| GEOI | 204 | + 0 0 4.2 | - 0 0 4.0 | -22.917 |
| GEOI | 205 | + 0 0 4.1 | - 0 0 4.1 | -22.971 |
| GEOI | 206 | + 0 0 4.1 | - 0 0 4.3 | -23.069 |
| GEOI | 207 | + 0 0 4.0 | - 0 0 4.4 | -23.140 |
| GEOI | 208 | + 0 0 3.9 | - 0 0 3.9 | -23.719 |
| GEOI | 209 | + 0 0 3.8 | - 0 0 4.0 | -23.673 |
| GEOI | 21 | + 0 0 2.9 | - 0 0 2.8 | -23.763 |
| GEOI | 210 | + 0 0 3.8 | - 0 0 4.1 | -23.619 |
| GEOI | 211 | + 0 0 3.8 | - 0 0 3.4 | -23.757 |
| GEOI | 212 | + 0 0 3.8 | - 0 0 3.2 | -23.744 |
| GEOI | 213 | + 0 0 3.9 | - 0 0 3.1 | -23.756 |
| GEOI | 214 | + 0 0 3.7 | - 0 0 2.7 | -23.908 |
| GEOI | 215 | + 0 0 3.9 | - 0 0 2.6 | -23.855 |
| GEOI | 216 | + 0 0 4.0 | - 0 0 4.0 | -23.199 |
| GEOI | 217 | + 0 0 3.6 | - 0 0 3.9 | -23.372 |
| GEOI | 218 | + 0 0 3.8 | - 0 0 3.9 | -23.309 |
| GEOI | 219 | + 0 0 4.1 | - 0 0 4.0 | -23.139 |
| GEOI | 22 | + 0 0 2.3 | - 0 0 0.3 | -24.119 |
| GEOI | 220 | + 0 0 4.1 | - 0 0 3.8 | -23.104 |
| GEOI | 221 | + 0 0 4.2 | - 0 0 4.0 | -22.927 |
| GEOI | 222 | + 0 0 4.3 | - 0 0 4.0 | -23.044 |
| GEOI | 223 | + 0 0 4.2 | - 0 0 3.8 | -23.180 |
| GEOI | 224 | + 0 0 4.2 | - 0 0 3.8 | -23.329 |
| GEOI | 225 | + 0 0 3.9 | - 0 0 4.2 | -23.262 |
| GEOI | 226 | + 0 0 3.8 | - 0 0 3.9 | -23.459 |
| GEOI | 227 | + 0 0 3.9 | - 0 0 4.0 | -23.513 |
| GEOI | 228 | + 0 0 4.0 | - 0 0 3.8 | -23.628 |
| GEOI | 229 | + 0 0 4.1 | - 0 0 3.8 | -23.537 |
| GEOI | 23 | + 0 0 2.2 | + 0 0 0.0 | -24.118 |

Geoid Values:

| CODE | NAME | N/S DEFLECTION | E/W DEFLECTION | UNDULATION |
|---|---|---|---|---|
| GEOI | 230 | + 0 0 4.1 | - 0 0 3.8 | -23.479 |
| GEOI | 231 | + 0 0 4.2 | - 0 0 3.5 | -23.574 |
| GEOI | 232 | + 0 0 3.9 | - 0 0 3.0 | -23.687 |
| GEOI | 233 | + 0 0 4.0 | - 0 0 2.8 | -23.761 |
| GEOI | 234 | + 0 0 3.8 | - 0 0 2.5 | -23.840 |
| GEOI | 235 | + 0 0 3.8 | - 0 0 2.8 | -23.778 |
| GEOI | 236 | + 0 0 4.1 | - 0 0 3.5 | -23.534 |
| GEOI | 237 | + 0 0 4.0 | - 0 0 3.7 | -23.395 |
| GEOI | 238 | + 0 0 4.0 | - 0 0 4.0 | -23.288 |
| GEOI | 239 | + 0 0 4.2 | - 0 0 3.8 | -23.401 |
| GEOI | 24 | + 0 0 1.4 | + 0 0 0.0 | -24.084 |
| GEOI | 240 | + 0 0 4.0 | - 0 0 3.8 | -23.392 |
| GEOI | 241 | + 0 0 3.8 | - 0 0 3.9 | -23.381 |
| GEOI | 242 | + 0 0 3.8 | - 0 0 4.0 | -23.280 |
| GEOI | 243 | + 0 0 4.1 | - 0 0 4.4 | -23.084 |
| GEOI | 244 | + 0 0 3.9 | - 0 0 4.2 | -22.862 |
| GEOI | 245 | + 0 0 4.0 | - 0 0 4.2 | -22.831 |
| GEOI | 246 | + 0 0 4.0 | - 0 0 4.3 | -22.703 |
| GEOI | 247 | + 0 0 4.1 | - 0 0 4.2 | -22.691 |
| GEOI | 248 | + 0 0 4.1 | - 0 0 4.1 | -22.760 |
| GEOI | 249 | + 0 0 4.6 | - 0 0 3.2 | -22.798 |
| GEOI | 25 | + 0 0 1.2 | - 0 0 0.5 | -24.066 |
| GEOI | 250 | + 0 0 4.5 | - 0 0 2.9 | -22.755 |
| GEOI | 251 | + 0 0 4.2 | - 0 0 2.9 | -22.617 |
| GEOI | 252 | + 0 0 4.4 | - 0 0 2.7 | -22.520 |
| GEOI | 253 | + 0 0 3.9 | - 0 0 4.0 | -23.259 |
| GEOI | 254 | + 0 0 4.1 | - 0 0 3.8 | -23.294 |
| GEOI | 255 | + 0 0 4.2 | - 0 0 3.7 | -23.234 |
| GEOI | 256 | + 0 0 4.3 | - 0 0 3.7 | -23.120 |
| GEOI | 257 | + 0 0 4.3 | - 0 0 4.1 | -23.042 |
| GEOI | 258 | + 0 0 4.1 | - 0 0 4.3 | -23.034 |
| GEOI | 259 | + 0 0 4.1 | - 0 0 4.2 | -22.890 |
| GEOI | 25R B | + 0 0 2.5 | - 0 0 2.0 | -23.943 |
| GEOI | 26 | + 0 0 1.4 | - 0 0 0.5 | -24.039 |
| GEOI | 260 | + 0 0 3.9 | - 0 0 4.3 | -22.881 |
| GEOI | 261 | + 0 0 4.2 | - 0 0 4.2 | -22.838 |
| GEOI | 262 | + 0 0 4.2 | - 0 0 4.2 | -22.872 |
| GEOI | 263 | + 0 0 4.1 | - 0 0 3.9 | -23.467 |
| GEOI | 264 | + 0 0 4.0 | - 0 0 3.9 | -23.532 |
| GEOI | 265 | + 0 0 4.0 | - 0 0 4.0 | -23.594 |
| GEOI | 266 | + 0 0 4.1 | - 0 0 3.9 | -23.413 |
| GEOI | 267 | + 0 0 4.1 | - 0 0 3.7 | -23.443 |
| GEOI | 268 | + 0 0 4.2 | - 0 0 3.7 | -23.509 |
| GEOI | 269 | + 0 0 4.1 | - 0 0 3.6 | -23.577 |
| GEOI | 27 | + 0 0 1.6 | - 0 0 0.4 | -24.019 |
| GEOI | 270 | + 0 0 4.0 | - 0 0 3.6 | -23.632 |
| GEOI | 271 | + 0 0 4.0 | - 0 0 3.9 | -23.328 |
| GEOI | 272 | + 0 0 4.1 | - 0 0 4.1 | -23.183 |
| GEOI | 273 | + 0 0 4.3 | - 0 0 4.0 | -23.116 |
| GEOI | 274 | + 0 0 4.2 | - 0 0 3.9 | -23.110 |
| GEOI | 275 | + 0 0 4.2 | - 0 0 3.9 | -23.043 |
| GEOI | 276 | + 0 0 4.1 | - 0 0 3.9 | -23.037 |
| GEOI | 277 | + 0 0 4.2 | - 0 0 3.8 | -23.204 |

Geoid Values:

| CODE | NAME | N/S DEFLECTION | E/W DEFLECTION | UNDULATION |
|---|---|---|---|---|
| GEOI | 278 | + 0 0 4.1 | - 0 0 4.0 | -23.271 |
| GEOI | 279 | + 0 0 3.8 | - 0 0 3.5 | -23.430 |
| GEOI | 28 | + 0 0 1.6 | - 0 0 0.4 | -23.993 |
| GEOI | 280 | + 0 0 4.1 | - 0 0 3.5 | -23.506 |
| GEOI | 281 | + 0 0 4.1 | - 0 0 3.4 | -23.567 |
| GEOI | 282 | + 0 0 4.2 | - 0 0 3.8 | -23.392 |
| GEOI | 283 | + 0 0 4.2 | - 0 0 3.8 | -23.302 |
| GEOI | 284 | + 0 0 4.0 | - 0 0 3.8 | -23.378 |
| GEOI | 285 | + 0 0 4.1 | - 0 0 3.8 | -23.425 |
| GEOI | 286 | + 0 0 4.1 | - 0 0 3.9 | -23.452 |
| GEOI | 287 | + 0 0 3.9 | - 0 0 4.0 | -23.477 |
| GEOI | 288 | + 0 0 4.1 | - 0 0 3.9 | -23.446 |
| GEOI | 289 | + 0 0 4.3 | - 0 0 3.8 | -23.411 |
| GEOI | 29 | + 0 0 1.7 | - 0 0 0.2 | -23.965 |
| GEOI | 290 | + 0 0 4.2 | - 0 0 3.8 | -23.372 |
| GEOI | 291 | + 0 0 4.2 | - 0 0 3.8 | -23.337 |
| GEOI | 292 | + 0 0 4.0 | - 0 0 4.0 | -23.264 |
| GEOI | 293 | + 0 0 4.0 | - 0 0 4.0 | -23.239 |
| GEOI | 294 | + 0 0 4.0 | - 0 0 4.0 | -23.239 |
| GEOI | 295 | + 0 0 4.0 | - 0 0 3.9 | -23.187 |
| GEOI | 296 | + 0 0 4.3 | - 0 0 3.7 | -23.111 |
| GEOI | 297 | + 0 0 4.3 | - 0 0 3.7 | -23.146 |
| GEOI | 298 | + 0 0 4.1 | - 0 0 3.9 | -23.192 |
| GEOI | 299 | + 0 0 4.2 | - 0 0 3.8 | -23.209 |
| GEOI | 3 | + 0 0 3.8 | - 0 0 1.6 | -24.069 |
| GEOI | 30 | + 0 0 1.6 | - 0 0 0.6 | -23.974 |
| GEOI | 300 | + 0 0 3.9 | - 0 0 3.9 | -23.258 |
| GEOI | 301 | + 0 0 4.1 | - 0 0 3.8 | -23.288 |
| GEOI | 302 | + 0 0 4.0 | - 0 0 3.9 | -23.341 |
| GEOI | 303 | + 0 0 4.0 | - 0 0 4.0 | -23.284 |
| GEOI | 304 | + 0 0 4.0 | - 0 0 3.8 | -23.431 |
| GEOI | 305 | + 0 0 4.0 | - 0 0 4.0 | -23.634 |
| GEOI | 306 | + 0 0 3.9 | - 0 0 4.0 | -23.491 |
| GEOI | 307 | + 0 0 3.9 | - 0 0 3.9 | -23.722 |
| GEOI | 308 | + 0 0 3.8 | - 0 0 4.0 | -23.703 |
| GEOI | 309 | + 0 0 3.8 | - 0 0 4.0 | -23.672 |
| GEOI | 31 | + 0 0 1.5 | - 0 0 0.5 | -24.020 |
| GEOI | 310 | + 0 0 3.8 | - 0 0 4.0 | -23.658 |
| GEOI | 311 | + 0 0 3.8 | - 0 0 4.0 | -23.623 |
| GEOI | 312 | + 0 0 4.0 | - 0 0 4.0 | -23.583 |
| GEOI | 313 | + 0 0 4.0 | - 0 0 3.9 | -23.631 |
| GEOI | 314 | + 0 0 3.8 | - 0 0 3.6 | -23.705 |
| GEOI | 315 | + 0 0 3.8 | - 0 0 3.4 | -23.720 |
| GEOI | 316 | + 0 0 4.1 | - 0 0 3.5 | -23.651 |
| GEOI | 317 | + 0 0 4.0 | - 0 0 3.7 | -23.609 |
| GEOI | 318 | + 0 0 4.0 | - 0 0 3.8 | -23.384 |
| GEOI | 319 | + 0 0 4.1 | - 0 0 3.9 | -23.543 |
| GEOI | 32 | + 0 0 4.3 | + 0 0 0.1 | -24.386 |
| GEOI | 320 | + 0 0 4.0 | - 0 0 3.9 | -23.256 |
| GEOI | 321 | + 0 0 3.8 | - 0 0 3.9 | -23.310 |
| GEOI | 322 | + 0 0 3.9 | - 0 0 3.8 | -23.353 |
| GEOI | 323 | + 0 0 4.1 | - 0 0 3.7 | -23.420 |
| GEOI | 324 | + 0 0 4.2 | - 0 0 3.7 | -23.526 |

Geoid Values:

| CODE | NAME | N/S DEFLECTION | E/W DEFLECTION | UNDULATION |
|---|---|---|---|---|
| GEOI | 325 | + 0 0 4.2 | - 0 0 3.4 | -23.604 |
| GEOI | 33 | + 0 0 4.5 | + 0 0 0.1 | -24.416 |
| GEOI | 34 | + 0 0 4.5 | + 0 0 0.4 | -24.359 |
| GEOI | 35 | + 0 0 3.9 | + 0 0 0.3 | -24.241 |
| GEOI | 36 | + 0 0 2.9 | + 0 0 0.2 | -24.168 |
| GEOI | 37 | + 0 0 2.1 | + 0 0 0.5 | -24.117 |
| GEOI | 38 | + 0 0 4.4 | - 0 0 0.1 | -24.372 |
| GEOI | 39 | + 0 0 4.3 | - 0 0 0.7 | -24.320 |
| GEOI | 4 | + 0 0 2.3 | - 0 0 0.9 | -24.095 |
| GEOI | 40 | + 0 0 4.5 | - 0 0 1.5 | -24.204 |
| GEOI | 41 | + 0 0 4.4 | - 0 0 1.5 | -24.269 |
| GEOI | 42 | + 0 0 4.3 | - 0 0 1.7 | -24.327 |
| GEOI | 43 | + 0 0 4.4 | - 0 0 1.7 | -24.412 |
| GEOI | 44 | + 0 0 4.6 | - 0 0 1.6 | -24.495 |
| GEOI | 45 | + 0 0 4.6 | - 0 0 1.8 | -24.563 |
| GEOI | 46 | + 0 0 4.5 | - 0 0 1.7 | -24.642 |
| GEOI | 47 | + 0 0 1.8 | - 0 0 2.3 | -23.813 |
| GEOI | 48 | + 0 0 1.8 | - 0 0 2.3 | -23.838 |
| GEOI | 48B | + 0 0 1.8 | - 0 0 2.3 | -23.838 |
| GEOI | 49 | + 0 0 1.7 | - 0 0 2.2 | -23.861 |
| GEOI | 49B | + 0 0 1.7 | - 0 0 2.2 | -23.861 |
| GEOI | 5 | + 0 0 2.3 | - 0 0 1.7 | -24.041 |
| GEOI | 50 | + 0 0 1.7 | - 0 0 2.2 | -23.877 |
| GEOI | 51 | + 0 0 1.6 | - 0 0 2.2 | -23.895 |
| GEOI | 52 | + 0 0 1.6 | - 0 0 2.2 | -23.910 |
| GEOI | 53 | + 0 0 1.5 | - 0 0 2.3 | -23.919 |
| GEOI | 54 | + 0 0 1.4 | - 0 0 1.2 | -23.973 |
| GEOI | 57 | + 0 0 1.6 | - 0 0 2.4 | -23.901 |
| GEOI | 58 | + 0 0 1.6 | - 0 0 2.4 | -23.884 |
| GEOI | 59 | + 0 0 1.7 | - 0 0 2.8 | -23.795 |
| GEOI | 6 | + 0 0 2.9 | - 0 0 2.2 | -23.879 |
| GEOI | 60 | + 0 0 1.8 | - 0 0 2.7 | -23.778 |
| GEOI | 61 | + 0 0 1.9 | - 0 0 2.8 | -23.736 |
| GEOI | 62 | + 0 0 1.8 | - 0 0 3.3 | -23.706 |
| GEOI | 63 | + 0 0 1.7 | - 0 0 2.5 | -23.816 |
| GEOI | 64 | + 0 0 1.7 | - 0 0 2.5 | -23.816 |
| GEOI | 65 | + 0 0 2.5 | - 0 0 1.9 | -23.945 |
| GEOI | 66 | + 0 0 1.6 | - 0 0 1.7 | -23.891 |
| GEOI | 67 | + 0 0 1.6 | - 0 0 1.7 | -23.895 |
| GEOI | 68 | + 0 0 1.7 | - 0 0 1.6 | -23.905 |
| GEOI | 69 | + 0 0 1.5 | - 0 0 1.6 | -23.928 |
| GEOI | 7 | + 0 0 3.6 | - 0 0 2.3 | -23.817 |
| GEOI | 70 | + 0 0 1.5 | - 0 0 1.4 | -23.933 |
| GEOI | 71 | + 0 0 1.5 | - 0 0 1.9 | -23.913 |
| GEOI | 72 | + 0 0 1.6 | - 0 0 2.4 | -23.905 |
| GEOI | 73 | + 0 0 1.5 | - 0 0 2.5 | -23.879 |
| GEOI | 74 | + 0 0 1.6 | - 0 0 2.4 | -23.867 |
| GEOI | 75 | + 0 0 1.6 | - 0 0 2.4 | -23.868 |
| GEOI | 76 | + 0 0 1.7 | - 0 0 1.8 | -23.900 |
| GEOI | 77 | + 0 0 1.6 | - 0 0 1.9 | -23.902 |
| GEOI | 78 | + 0 0 1.4 | - 0 0 1.2 | -23.981 |
| GEOI | 79 | + 0 0 1.6 | - 0 0 0.3 | -23.999 |
| GEOI | 8 | + 0 0 3.8 | - 0 0 2.3 | -23.901 |

Geoid Values:

| CODE | NAME | N/S DEFLECTION | E/W DEFLECTION | UNDULATION |
|---|---|---|---|---|
| GEOI | 80 | + 0 0 1.1 | + 0 0 0.4 | -24.012 |
| GEOI | 9 | + 0 0 2.3 | - 0 0 3.3 | -23.724 |
| GEOI | B 1408 | + 0 0 3.9 | - 0 0 3.8 | -23.595 |
| GEOI | E 630 RESET | + 0 0 4.4 | + 0 0 0.2 | -24.449 |
| GEOI | KVTX | + 0 0 3.4 | - 0 0 0.5 | -26.206 |
| GEOI | N 1408 | + 0 0 3.9 | - 0 0 4.0 | -23.119 |
| GEOI | R 630 RESET | + 0 0 4.2 | - 0 0 1.1 | -24.298 |
| GEOI | TXLR | + 0 0 1.4 | + 0 0 3.5 | -24.053 |
| GEOI | TXPR | + 0 0 1.8 | - 0 0 2.4 | -23.802 |
| GEOI | U 630 RESET | + 0 0 4.4 | - 0 0 1.5 | -24.230 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C012911.ASC ,obs#: | | 1 | | | | |
| DXCT | | KVTX | 1001 | 4154.87360 | 0.007 | 0.059 |
| | | | | 0.119 | 0.119 | 0.05 |
| DYCT | | KVTX | 1001 | -63997.30300 | -0.026 | -0.217 |
| | | | | 0.119 | 0.119 | 0.18 |
| DZCT | | KVTX | 1001 | -123771.21540 | 0.038 | 0.317 |
| | | | | 0.119 | 0.119 | 0.27 |
| GROUP: C012911.ASC ,obs#: | | 2 | | | | |
| DXCT | | TXPR | 1001 | 42685.35560 | 0.004 | 0.100 |
| | | | | 0.037 | 0.037 | 0.08 |
| DYCT | | TXPR | 1001 | -1765.62610 | 0.014 | 0.376 |
| | | | | 0.037 | 0.037 | 0.32 |
| DZCT | | TXPR | 1001 | 8403.04910 | 0.003 | 0.072 |
| | | | | 0.037 | 0.037 | 0.06 |
| GROUP: C012911.ASC ,obs#: | | 3 | | | | |
| DXCT | | KVTX | 1002 | 5539.84220 | 0.001 | 0.011 |
| | | | | 0.102 | 0.102 | 0.01 |
| DYCT | | KVTX | 1002 | -55320.26370 | -0.032 | -0.312 |
| | | | | 0.102 | 0.102 | 0.27 |
| DZCT | | KVTX | 1002 | -106068.30410 | 0.033 | 0.324 |
| | | | | 0.102 | 0.102 | 0.28 |
| GROUP: C012911.ASC ,obs#: | | 4 | | | | |
| DXCT | | TXPR | 1002 | 44070.32330 | -0.001 | -0.030 |
| | | | | 0.044 | 0.044 | 0.03 |
| DYCT | | TXPR | 1002 | 6911.40790 | 0.013 | 0.298 |
| | | | | 0.044 | 0.044 | 0.25 |
| DZCT | | TXPR | 1002 | 26105.96330 | -0.005 | -0.112 |
| | | | | 0.044 | 0.044 | 0.09 |
| GROUP: C012911.ASC ,obs#: | | 5 | | | | |
| DXCT | | 1001 | 101 | -50539.47600 | -0.011 | -0.229 |
| | | | | 0.048 | 0.047 | 0.19 |
| DYCT | | 1001 | 101 | 16079.80280 | -0.003 | -0.056 |
| | | | | 0.048 | 0.047 | 0.05 |
| DZCT | | 1001 | 101 | 17971.49890 | -0.005 | -0.096 |
| | | | | 0.048 | 0.047 | 0.08 |
| GROUP: C012911.ASC ,obs#: | | 6 | | | | |
| DXCT | | 1002 | 101 | -51924.44330 | -0.006 | -0.142 |
| | | | | 0.045 | 0.044 | 0.12 |
| DYCT | | 1002 | 101 | 7402.76990 | -0.003 | -0.067 |
| | | | | 0.045 | 0.044 | 0.06 |
| DZCT | | 1002 | 101 | 268.58440 | 0.003 | 0.074 |
| | | | | 0.045 | 0.044 | 0.06 |
| GROUP: C012911.ASC ,obs#: | | 7 | | | | |
| DXCT | | 1001 | 102 | -34383.14820 | -0.002 | -0.073 |
| | | | | 0.034 | 0.033 | 0.06 |
| DYCT | | 1001 | 102 | 12522.81100 | 0.006 | 0.170 |
| | | | | 0.034 | 0.034 | 0.14 |
| DZCT | | 1001 | 102 | 15455.55140 | -0.008 | -0.252 |
| | | | | 0.034 | 0.033 | 0.21 |
| GROUP: C012911.ASC ,obs#: | | 8 | | | | |
| DXCT | | 1002 | 102 | -35768.11560 | 0.002 | 0.073 |
| | | | | 0.031 | 0.030 | 0.06 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1002 | 102 | 3845.77440 | 0.009 | 0.299 |
| | | | | 0.031 | 0.030 | 0.25 |
| DZCT | | 1002 | 102 | -2247.36280 | -0.001 | -0.030 |
| | | | | 0.031 | 0.030 | 0.03 |
| GROUP: C012911.ASC ,obs#: 9 | | | | | | |
| DXCT | | 1001 | 201 | 34887.90690 | -0.006 | -0.192 |
| | | | | 0.039 | 0.032 | 0.13 |
| DYCT | | 1001 | 201 | 9100.20780 | -0.010 | -0.308 |
| | | | | 0.039 | 0.032 | 0.22 |
| DZCT | | 1001 | 201 | 27399.86560 | 0.003 | 0.103 |
| | | | | 0.039 | 0.032 | 0.07 |
| GROUP: C012911.ASC ,obs#: 10 | | | | | | |
| DXCT | | 1002 | 201 | 33502.93400 | 0.004 | 0.203 |
| | | | | 0.030 | 0.020 | 0.12 |
| DYCT | | 1002 | 201 | 423.16200 | 0.003 | 0.138 |
| | | | | 0.030 | 0.020 | 0.08 |
| DZCT | | 1002 | 201 | 9696.96170 | 0.000 | 0.024 |
| | | | | 0.030 | 0.020 | 0.01 |
| GROUP: C012911.ASC ,obs#: 11 | | | | | | |
| DXCT | | 102 | 201 | 69271.05340 | -0.002 | -0.035 |
| | | | | 0.060 | 0.056 | 0.03 |
| DYCT | | 102 | 201 | -3422.63100 | 0.012 | 0.221 |
| | | | | 0.060 | 0.056 | 0.17 |
| DZCT | | 102 | 201 | 11944.33570 | -0.010 | -0.176 |
| | | | | 0.060 | 0.056 | 0.14 |
| GROUP: C012911.ASC ,obs#: 12 | | | | | | |
| DXCT | | 1001 | 202 | 35525.09840 | -0.005 | -0.156 |
| | | | | 0.037 | 0.030 | 0.11 |
| DYCT | | 1001 | 202 | 7437.69650 | -0.004 | -0.146 |
| | | | | 0.037 | 0.030 | 0.10 |
| DZCT | | 1001 | 202 | 24266.66490 | -0.004 | -0.141 |
| | | | | 0.037 | 0.030 | 0.10 |
| GROUP: C012911.ASC ,obs#: 13 | | | | | | |
| DXCT | | 1002 | 202 | 34140.12820 | 0.003 | 0.136 |
| | | | | 0.030 | 0.020 | 0.08 |
| DYCT | | 1002 | 202 | -1239.34490 | 0.004 | 0.185 |
| | | | | 0.030 | 0.020 | 0.11 |
| DZCT | | 1002 | 202 | 6563.75140 | 0.003 | 0.126 |
| | | | | 0.030 | 0.020 | 0.07 |
| GROUP: C012911.ASC ,obs#: 14 | | | | | | |
| DXCT | | 102 | 202 | 69908.24330 | 0.001 | 0.018 |
| | | | | 0.060 | 0.056 | 0.01 |
| DYCT | | 102 | 202 | -5085.12080 | -0.004 | -0.069 |
| | | | | 0.060 | 0.056 | 0.05 |
| DZCT | | 102 | 202 | 8811.11710 | 0.001 | 0.010 |
| | | | | 0.060 | 0.056 | 0.01 |
| GROUP: C012911.ASC ,obs#: 15 | | | | | | |
| DXCT | | 1001 | 203 | 31764.84330 | 0.000 | 0.001 |
| | | | | 0.033 | 0.027 | 0.00 |
| DYCT | | 1001 | 203 | 6775.86090 | -0.001 | -0.051 |
| | | | | 0.033 | 0.027 | 0.04 |
| DZCT | | 1001 | 203 | 21981.05000 | -0.006 | -0.209 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.033 | 0.027 | 0.14 |
| GROUP: C012911.ASC ,obs#: | | 16 | | | | |
| DXCT | | 1002 | 203 | 30379.88040 | 0.000 | 0.011 |
| | | | | 0.026 | 0.018 | 0.01 |
| DYCT | | 1002 | 203 | -1901.17600 | 0.002 | 0.129 |
| | | | | 0.026 | 0.018 | 0.07 |
| DZCT | | 1002 | 203 | 4278.13500 | 0.003 | 0.149 |
| | | | | 0.026 | 0.018 | 0.09 |
| GROUP: C012911.ASC ,obs#: | | 17 | | | | |
| DXCT | | 102 | 203 | 66147.99500 | -0.001 | -0.019 |
| | | | | 0.057 | 0.053 | 0.02 |
| DYCT | | 102 | 203 | -5746.95060 | -0.007 | -0.124 |
| | | | | 0.057 | 0.053 | 0.10 |
| DZCT | | 102 | 203 | 6525.49730 | 0.004 | 0.076 |
| | | | | 0.057 | 0.053 | 0.06 |
| GROUP: C012911.ASC ,obs#: | | 18 | | | | |
| DXCT | | 1001 | 204 | 28515.70570 | -0.002 | -0.081 |
| | | | | 0.031 | 0.025 | 0.06 |
| DYCT | | 1001 | 204 | 6670.56970 | -0.001 | -0.049 |
| | | | | 0.031 | 0.025 | 0.03 |
| DZCT | | 1001 | 204 | 20924.30880 | -0.007 | -0.283 |
| | | | | 0.031 | 0.025 | 0.20 |
| GROUP: C012911.ASC ,obs#: | | 19 | | | | |
| DXCT | | 1002 | 204 | 27130.73960 | 0.001 | 0.086 |
| | | | | 0.023 | 0.015 | 0.05 |
| DYCT | | 1002 | 204 | -2006.46620 | 0.001 | 0.093 |
| | | | | 0.023 | 0.015 | 0.05 |
| DZCT | | 1002 | 204 | 3221.39090 | 0.004 | 0.266 |
| | | | | 0.023 | 0.015 | 0.15 |
| GROUP: C012911.ASC ,obs#: | | 20 | | | | |
| DXCT | | 102 | 204 | 62898.85500 | -0.001 | -0.014 |
| | | | | 0.054 | 0.051 | 0.01 |
| DYCT | | 102 | 204 | -5852.24440 | -0.004 | -0.076 |
| | | | | 0.054 | 0.051 | 0.06 |
| DZCT | | 102 | 204 | 5468.75860 | 0.000 | 0.002 |
| | | | | 0.054 | 0.051 | 0.00 |
| GROUP: C012911.ASC ,obs#: | | 21 | | | | |
| DXCT | | 1001 | 205 | 25213.81460 | -0.004 | -0.168 |
| | | | | 0.028 | 0.023 | 0.12 |
| DYCT | | 1001 | 205 | 6696.71430 | 0.006 | 0.267 |
| | | | | 0.028 | 0.023 | 0.19 |
| DZCT | | 1001 | 205 | 20113.54560 | -0.008 | -0.346 |
| | | | | 0.028 | 0.023 | 0.24 |
| GROUP: C012911.ASC ,obs#: | | 22 | | | | |
| DXCT | | 1002 | 205 | 23828.84580 | 0.002 | 0.165 |
| | | | | 0.020 | 0.013 | 0.09 |
| DYCT | | 1002 | 205 | -1980.31000 | -0.003 | -0.208 |
| | | | | 0.021 | 0.013 | 0.11 |
| DZCT | | 1002 | 205 | 2410.62660 | 0.004 | 0.327 |
| | | | | 0.020 | 0.013 | 0.18 |
| GROUP: C012911.ASC ,obs#: | | 23 | | | | |
| DXCT | | 102 | 205 | 59596.96180 | -0.000 | -0.009 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.051 | 0.048 | 0.01 |
| DYCT | | 102 | 205 | -5826.09260 | -0.004 | -0.074 |
| | | | | 0.051 | 0.049 | 0.06 |
| DZCT | | 102 | 205 | 4657.99460 | -0.000 | -0.000 |
| | | | | 0.051 | 0.048 | 0.00 |
| GROUP: C012911.ASC ,obs#: | | 24 | | | | |
| DXCT | | 1001 | 206 | 20389.22480 | -0.006 | -0.294 |
| | | | | 0.025 | 0.021 | 0.21 |
| DYCT | | 1001 | 206 | 7019.06490 | -0.003 | -0.129 |
| | | | | 0.025 | 0.021 | 0.09 |
| DZCT | | 1001 | 206 | 19486.71750 | -0.003 | -0.139 |
| | | | | 0.025 | 0.021 | 0.10 |
| GROUP: C012911.ASC ,obs#: | | 25 | | | | |
| DXCT | | 1002 | 206 | 19004.25310 | 0.003 | 0.285 |
| | | | | 0.016 | 0.010 | 0.15 |
| DYCT | | 1002 | 206 | -1657.97380 | 0.003 | 0.279 |
| | | | | 0.016 | 0.010 | 0.14 |
| DZCT | | 1002 | 206 | 1783.80760 | 0.000 | 0.029 |
| | | | | 0.016 | 0.010 | 0.01 |
| GROUP: C012911.ASC ,obs#: | | 26 | | | | |
| DXCT | | 102 | 206 | 54772.37000 | -0.001 | -0.016 |
| | | | | 0.047 | 0.045 | 0.01 |
| DYCT | | 102 | 206 | -5503.74190 | -0.013 | -0.281 |
| | | | | 0.047 | 0.045 | 0.23 |
| DZCT | | 102 | 206 | 4031.16350 | 0.008 | 0.181 |
| | | | | 0.047 | 0.045 | 0.15 |
| GROUP: C012911.ASC ,obs#: | | 27 | | | | |
| DXCT | | 1001 | 207 | 17802.58940 | -0.004 | -0.190 |
| | | | | 0.024 | 0.020 | 0.14 |
| DYCT | | 1001 | 207 | 7570.59600 | 0.002 | 0.090 |
| | | | | 0.024 | 0.021 | 0.07 |
| DZCT | | 1001 | 207 | 19900.04110 | -0.010 | -0.469 |
| | | | | 0.024 | 0.021 | 0.35 |
| GROUP: C012911.ASC ,obs#: | | 28 | | | | |
| DXCT | | 1002 | 207 | 16417.62220 | 0.001 | 0.070 |
| | | | | 0.014 | 0.008 | 0.03 |
| DYCT | | 1002 | 207 | -1106.43610 | 0.001 | 0.091 |
| | | | | 0.014 | 0.008 | 0.04 |
| DZCT | | 1002 | 207 | 2197.12110 | 0.004 | 0.464 |
| | | | | 0.014 | 0.008 | 0.22 |
| GROUP: C012911.ASC ,obs#: | | 29 | | | | |
| DXCT | | 102 | 207 | 52185.72770 | 0.008 | 0.197 |
| | | | | 0.045 | 0.043 | 0.16 |
| DYCT | | 102 | 207 | -4952.20490 | -0.014 | -0.324 |
| | | | | 0.045 | 0.043 | 0.27 |
| DZCT | | 102 | 207 | 4444.49080 | -0.002 | -0.054 |
| | | | | 0.045 | 0.043 | 0.04 |
| GROUP: C013011.ASC ,obs#: | | 30 | | | | |
| DXCT | | TXPR | 1001 | 42685.35180 | 0.007 | 0.204 |
| | | | | 0.037 | 0.037 | 0.17 |
| DYCT | | TXPR | 1001 | -1765.61570 | 0.003 | 0.093 |
| | | | | 0.037 | 0.037 | 0.08 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | TXPR | 1001 | 8403.04880 | 0.003 | 0.080 |
| | | | | 0.037 | 0.037 | 0.07 |
| GROUP: C013011.ASC ,obs#: 31 | | | | | | |
| DXCT | | TXPR | 1002 | 44070.32510 | -0.003 | -0.071 |
| | | | | 0.044 | 0.044 | 0.06 |
| DYCT | | TXPR | 1002 | 6911.40050 | 0.020 | 0.467 |
| | | | | 0.044 | 0.044 | 0.40 |
| DZCT | | TXPR | 1002 | 26105.96890 | -0.010 | -0.240 |
| | | | | 0.044 | 0.044 | 0.20 |
| GROUP: C013011.ASC ,obs#: 32 | | | | | | |
| DXCT | | 1002 | 101 | -51924.45990 | 0.010 | 0.234 |
| | | | | 0.045 | 0.044 | 0.20 |
| DYCT | | 1002 | 101 | 7402.75280 | 0.014 | 0.318 |
| | | | | 0.045 | 0.044 | 0.27 |
| DZCT | | 1002 | 101 | 268.58600 | 0.002 | 0.037 |
| | | | | 0.045 | 0.044 | 0.03 |
| GROUP: C013011.ASC ,obs#: 33 | | | | | | |
| DXCT | | 1001 | 101 | -50539.48880 | 0.002 | 0.042 |
| | | | | 0.048 | 0.047 | 0.04 |
| DYCT | | 1001 | 101 | 16079.77200 | 0.028 | 0.593 |
| | | | | 0.048 | 0.047 | 0.50 |
| DZCT | | 1001 | 101 | 17971.50040 | -0.006 | -0.128 |
| | | | | 0.048 | 0.047 | 0.11 |
| GROUP: C013011.ASC ,obs#: 34 | | | | | | |
| DXCT | | 1002 | 103 | -53675.71580 | 0.011 | 0.223 |
| | | | | 0.049 | 0.049 | 0.19 |
| DYCT | | 1002 | 103 | 15112.19250 | 0.017 | 0.354 |
| | | | | 0.049 | 0.049 | 0.30 |
| DZCT | | 1002 | 103 | 15031.68610 | 0.004 | 0.087 |
| | | | | 0.049 | 0.049 | 0.07 |
| GROUP: C013011.ASC ,obs#: 35 | | | | | | |
| DXCT | | 1001 | 103 | -52290.74150 | -0.001 | -0.013 |
| | | | | 0.056 | 0.056 | 0.01 |
| DYCT | | 1001 | 103 | 23789.20700 | 0.036 | 0.643 |
| | | | | 0.056 | 0.056 | 0.54 |
| DZCT | | 1001 | 103 | 32734.60570 | -0.009 | -0.155 |
| | | | | 0.056 | 0.056 | 0.13 |
| GROUP: C013011.ASC ,obs#: 36 | | | | | | |
| DXCT | | 1002 | 208 | 291.52100 | 0.000 | 0.092 |
| | | | | 0.012 | 0.004 | 0.03 |
| DYCT | | 1002 | 208 | 6133.93450 | -0.004 | -0.941 |
| | | | | 0.012 | 0.004 | 0.31 |
| DZCT | | 1002 | 208 | 12249.69600 | 0.004 | 0.898 |
| | | | | 0.012 | 0.004 | 0.29 |
| GROUP: C013011.ASC ,obs#: 37 | | | | | | |
| DXCT | | 1001 | 208 | 1676.48660 | -0.002 | -0.093 |
| | | | | 0.029 | 0.026 | 0.07 |
| DYCT | | 1001 | 208 | 14810.93880 | 0.025 | 0.937 |
| | | | | 0.029 | 0.026 | 0.74 |
| DZCT | | 1001 | 208 | 29952.63030 | -0.024 | -0.894 |
| | | | | 0.029 | 0.026 | 0.71 |
| GROUP: C013011.ASC ,obs#: 38 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1002 | 209 | -264.20830 | 0.001 | 0.409 |
| | | | | 0.009 | 0.003 | 0.12 |
| DYCT | | 1002 | 209 | 4861.91970 | -0.003 | -1.024 |
| | | | | 0.009 | 0.003 | 0.29 |
| DZCT | | 1002 | 209 | 9588.01470 | -0.000 | -0.046 |
| | | | | 0.009 | 0.003 | 0.01 |
| GROUP: C013011.ASC ,obs#: | | 39 | | | | |
| DXCT | | 1001 | 209 | 1120.76570 | -0.010 | -0.409 |
| | | | | 0.026 | 0.024 | 0.33 |
| DYCT | | 1001 | 209 | 13538.92470 | 0.025 | 1.024 |
| | | | | 0.026 | 0.025 | 0.82 |
| DZCT | | 1001 | 209 | 27290.92010 | 0.001 | 0.047 |
| | | | | 0.026 | 0.024 | 0.04 |
| GROUP: C013011.ASC ,obs#: | | 40 | | | | |
| DXCT | | 1001 | 210 | 507.47030 | -0.004 | -0.178 |
| | | | | 0.023 | 0.022 | 0.15 |
| DYCT | | 1001 | 210 | 12108.95010 | 0.047 | 2.102 |
| | | | | 0.023 | 0.022 | 1.73 |
| DZCT | | 1001 | 210 | 24289.39060 | 0.004 | 0.160 |
| | | | | 0.023 | 0.022 | 0.13 |
| GROUP: C013011.ASC ,obs#: | | 41 | | | | |
| DXCT | | 1002 | 210 | -877.49670 | 0.000 | 0.174 |
| | | | | 0.006 | 0.002 | 0.04 |
| DYCT | | 1002 | 210 | 3431.96760 | -0.004 | -2.100 |
| | | | | 0.007 | 0.002 | 0.49 |
| DZCT | | 1002 | 210 | 6586.48770 | -0.000 | -0.143 |
| | | | | 0.006 | 0.002 | 0.03 |
| GROUP: C013011.ASC ,obs#: | | 42 | | | | |
| DXCT | | 1002 | 211 | -8104.47990 | -0.001 | -0.255 |
| | | | | 0.009 | 0.004 | 0.09 |
| DYCT | | 1002 | 211 | 4265.31690 | -0.003 | -0.712 |
| | | | | 0.010 | 0.004 | 0.26 |
| DZCT | | 1002 | 211 | 6266.61120 | 0.002 | 0.582 |
| | | | | 0.009 | 0.004 | 0.21 |
| GROUP: C013011.ASC ,obs#: | | 43 | | | | |
| DXCT | | 1001 | 211 | -6719.52210 | 0.004 | 0.176 |
| | | | | 0.024 | 0.022 | 0.14 |
| DYCT | | 1001 | 211 | 12942.32510 | 0.022 | 0.988 |
| | | | | 0.024 | 0.022 | 0.79 |
| DZCT | | 1001 | 211 | 23969.53140 | -0.011 | -0.501 |
| | | | | 0.024 | 0.022 | 0.40 |
| GROUP: C013011.ASC ,obs#: | | 44 | | | | |
| DXCT | | 101 | 211 | 43819.96220 | 0.006 | 0.178 |
| | | | | 0.038 | 0.036 | 0.15 |
| DYCT | | 101 | 211 | -3137.44340 | -0.009 | -0.259 |
| | | | | 0.038 | 0.037 | 0.21 |
| DZCT | | 101 | 211 | 5998.03510 | -0.009 | -0.254 |
| | | | | 0.038 | 0.036 | 0.21 |
| GROUP: C013011.ASC ,obs#: | | 45 | | | | |
| DXCT | | 1002 | 212 | -9464.25590 | 0.004 | 0.843 |
| | | | | 0.009 | 0.004 | 0.34 |
| DYCT | | 1002 | 212 | 3623.59930 | 0.000 | 0.022 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.010 | 0.005 | 0.01 |
| DZCT | | 1002 | 212 | 4623.96520 | -0.001 | -0.132 |
| | | | | 0.010 | 0.005 | 0.05 |
| GROUP: C013011.ASC ,obs#: | | 46 | | | | |
| DXCT | | 1001 | 212 | -8079.28110 | -0.008 | -0.390 |
| | | | | 0.023 | 0.021 | 0.31 |
| DYCT | | 1001 | 212 | 12300.61680 | 0.016 | 0.744 |
| | | | | 0.023 | 0.021 | 0.59 |
| DZCT | | 1001 | 212 | 22326.87570 | -0.004 | -0.207 |
| | | | | 0.023 | 0.021 | 0.16 |
| GROUP: C013011.ASC ,obs#: | | 47 | | | | |
| DXCT | | 101 | 212 | 42460.21700 | -0.020 | -0.557 |
| | | | | 0.036 | 0.035 | 0.46 |
| DYCT | | 101 | 212 | -3779.13690 | -0.031 | -0.867 |
| | | | | 0.037 | 0.035 | 0.71 |
| DZCT | | 101 | 212 | 4355.36650 | 0.010 | 0.297 |
| | | | | 0.037 | 0.035 | 0.24 |
| GROUP: C013011.ASC ,obs#: | | 48 | | | | |
| DXCT | | 103 | 212 | 44211.47110 | -0.018 | -0.474 |
| | | | | 0.040 | 0.038 | 0.39 |
| DYCT | | 103 | 212 | -11488.59720 | -0.013 | -0.340 |
| | | | | 0.040 | 0.039 | 0.28 |
| DZCT | | 103 | 212 | -10407.73680 | 0.011 | 0.287 |
| | | | | 0.040 | 0.039 | 0.24 |
| GROUP: C013011.ASC ,obs#: | | 49 | | | | |
| DXCT | | 1002 | 213 | -11536.11690 | 0.001 | 0.193 |
| | | | | 0.011 | 0.006 | 0.09 |
| DYCT | | 1002 | 213 | 3361.73950 | -0.008 | -1.394 |
| | | | | 0.011 | 0.006 | 0.63 |
| DZCT | | 1002 | 213 | 3537.86980 | 0.004 | 0.658 |
| | | | | 0.011 | 0.006 | 0.30 |
| GROUP: C013011.ASC ,obs#: | | 50 | | | | |
| DXCT | | 1001 | 213 | -10151.15220 | -0.001 | -0.042 |
| | | | | 0.023 | 0.021 | 0.03 |
| DYCT | | 1001 | 213 | 12038.72960 | 0.035 | 1.703 |
| | | | | 0.023 | 0.021 | 1.33 |
| DZCT | | 1001 | 213 | 21240.79630 | -0.016 | -0.781 |
| | | | | 0.023 | 0.021 | 0.61 |
| GROUP: C013011.ASC ,obs#: | | 51 | | | | |
| DXCT | | 101 | 213 | 40388.34060 | -0.007 | -0.207 |
| | | | | 0.035 | 0.033 | 0.17 |
| DYCT | | 101 | 213 | -4041.04080 | 0.005 | 0.164 |
| | | | | 0.035 | 0.033 | 0.13 |
| DZCT | | 101 | 213 | 3269.29330 | -0.007 | -0.225 |
| | | | | 0.035 | 0.033 | 0.18 |
| GROUP: C013011.ASC ,obs#: | | 52 | | | | |
| DXCT | | 103 | 213 | 42139.59230 | -0.003 | -0.085 |
| | | | | 0.039 | 0.037 | 0.07 |
| DYCT | | 103 | 213 | -11750.47140 | -0.007 | -0.182 |
| | | | | 0.039 | 0.037 | 0.15 |
| DZCT | | 103 | 213 | -11493.82480 | 0.008 | 0.215 |
| | | | | 0.039 | 0.037 | 0.18 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C013011.ASC ,obs#: | | 53 | | | | |
| DXCT | | 1002 | 214 | -18061.37480 | 0.005 | 0.405 |
| | | | | 0.017 | 0.012 | 0.24 |
| DYCT | | 1002 | 214 | 5469.05100 | -0.003 | -0.222 |
| | | | | 0.017 | 0.012 | 0.13 |
| DZCT | | 1002 | 214 | 5923.47240 | 0.002 | 0.204 |
| | | | | 0.017 | 0.012 | 0.12 |
| GROUP: C013011.ASC ,obs#: | | 54 | | | | |
| DXCT | | 1001 | 214 | -16676.40830 | 0.001 | 0.040 |
| | | | | 0.027 | 0.025 | 0.03 |
| DYCT | | 1001 | 214 | 14146.06320 | 0.018 | 0.744 |
| | | | | 0.028 | 0.025 | 0.57 |
| DZCT | | 1001 | 214 | 23626.38140 | 0.000 | 0.003 |
| | | | | 0.027 | 0.025 | 0.00 |
| GROUP: C013011.ASC ,obs#: | | 55 | | | | |
| DXCT | | 101 | 214 | 33863.09280 | -0.013 | -0.505 |
| | | | | 0.029 | 0.026 | 0.39 |
| DYCT | | 101 | 214 | -1933.70960 | -0.009 | -0.336 |
| | | | | 0.029 | 0.027 | 0.26 |
| DZCT | | 101 | 214 | 5654.89200 | -0.005 | -0.185 |
| | | | | 0.029 | 0.026 | 0.14 |
| GROUP: C013011.ASC ,obs#: | | 56 | | | | |
| DXCT | | 103 | 214 | 35614.33750 | -0.003 | -0.088 |
| | | | | 0.032 | 0.030 | 0.07 |
| DYCT | | 103 | 214 | -9643.15640 | -0.005 | -0.168 |
| | | | | 0.032 | 0.030 | 0.13 |
| DZCT | | 103 | 214 | -9108.21260 | -0.003 | -0.100 |
| | | | | 0.032 | 0.030 | 0.08 |
| GROUP: C013011.ASC ,obs#: | | 57 | | | | |
| DXCT | | 1002 | 215 | -20717.42910 | 0.004 | 0.314 |
| | | | | 0.018 | 0.013 | 0.20 |
| DYCT | | 1002 | 215 | 3706.02570 | 0.000 | 0.020 |
| | | | | 0.018 | 0.013 | 0.01 |
| DZCT | | 1002 | 215 | 1688.67570 | 0.004 | 0.319 |
| | | | | 0.018 | 0.013 | 0.20 |
| GROUP: C013011.ASC ,obs#: | | 58 | | | | |
| DXCT | | 1001 | 215 | -19332.45310 | -0.009 | -0.404 |
| | | | | 0.026 | 0.023 | 0.30 |
| DYCT | | 1001 | 215 | 12383.03570 | 0.023 | 1.039 |
| | | | | 0.026 | 0.023 | 0.78 |
| DZCT | | 1001 | 215 | 19391.59950 | -0.013 | -0.570 |
| | | | | 0.026 | 0.023 | 0.43 |
| GROUP: C013011.ASC ,obs#: | | 59 | | | | |
| DXCT | | 101 | 215 | 31207.01770 | 0.007 | 0.294 |
| | | | | 0.027 | 0.024 | 0.22 |
| DYCT | | 101 | 215 | -3696.73700 | -0.004 | -0.166 |
| | | | | 0.027 | 0.024 | 0.13 |
| DZCT | | 101 | 215 | 1420.09330 | -0.001 | -0.043 |
| | | | | 0.027 | 0.024 | 0.03 |
| GROUP: C013011.ASC ,obs#: | | 60 | | | | |
| DXCT | | 103 | 215 | 32958.28880 | -0.009 | -0.302 |
| | | | | 0.032 | 0.029 | 0.23 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 103 | 215 | -11406.15230 | -0.031 | -1.079 |
| | | | | 0.032 | 0.029 | 0.84 |
| DZCT | | 103 | 215 | -13343.01840 | 0.008 | 0.275 |
| | | | | 0.032 | 0.029 | 0.21 |
| GROUP: C013011.ASC ,obs#: | | 61 | | | | |
| DXCT | | 1001 | B 1408 | 232.86540 | -0.002 | -0.085 |
| | | | | 0.022 | 0.021 | 0.07 |
| DYCT | | 1001 | B 1408 | 11494.23420 | 0.025 | 1.131 |
| | | | | 0.022 | 0.022 | 0.96 |
| DZCT | | 1001 | B 1408 | 22991.89180 | -0.017 | -0.798 |
| | | | | 0.022 | 0.021 | 0.66 |
| GROUP: C013011.ASC ,obs#: | | 62 | | | | |
| DXCT | | 1002 | B 1408 | -1152.10190 | 0.003 | 2.107 |
| | | | | 0.005 | 0.001 | 0.45 |
| DYCT | | 1002 | B 1408 | 2817.20710 | 0.019 | 4.724 |
| | | | | 0.005 | 0.004 | 3.06 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1002 | B 1408 | 5288.97700 | -0.009 | -4.050 |
| | | | | 0.005 | 0.002 | 1.47 |
| GROUP: C020211.ASC ,obs#: | | 63 | | | | |
| DXCT | | 1001 | 1002 | 1384.96080 | 0.002 | 0.116 |
| | | | | 0.017 | 0.017 | 0.10 |
| DYCT | | 1001 | 1002 | 8677.04600 | -0.013 | -0.761 |
| | | | | 0.017 | 0.017 | 0.65 |
| DZCT | | 1001 | 1002 | 17702.89850 | 0.008 | 0.489 |
| | | | | 0.017 | 0.017 | 0.41 |
| GROUP: C020211.ASC ,obs#: | | 64 | | | | |
| DXCT | | 1002 | 102 | -35768.10720 | -0.006 | -0.206 |
| | | | | 0.031 | 0.030 | 0.17 |
| DYCT | | 1002 | 102 | 3845.79390 | -0.010 | -0.342 |
| | | | | 0.031 | 0.030 | 0.29 |
| DZCT | | 1002 | 102 | -2247.37070 | 0.007 | 0.232 |
| | | | | 0.031 | 0.030 | 0.19 |
| GROUP: C020211.ASC ,obs#: | | 65 | | | | |
| DXCT | | 1001 | 102 | -34383.14680 | -0.004 | -0.116 |
| | | | | 0.034 | 0.033 | 0.10 |
| DYCT | | 1001 | 102 | 12522.84180 | -0.025 | -0.747 |
| | | | | 0.034 | 0.034 | 0.63 |
| DZCT | | 1001 | 102 | 15455.52720 | 0.016 | 0.473 |
| | | | | 0.034 | 0.033 | 0.40 |
| GROUP: C020211.ASC ,obs#: | | 66 | | | | |
| DXCT | | 1001 | 216 | -1681.88390 | -0.000 | -0.021 |
| | | | | 0.005 | 0.002 | 0.01 |
| DYCT | | 1001 | 216 | 2466.28570 | -0.006 | -3.185 |
| | | | | 0.005 | 0.002 | 1.02 |
| DZCT | | 1001 | 216 | 4481.92820 | -0.001 | -0.347 |
| | | | | 0.005 | 0.002 | 0.11 |
| GROUP: C020211.ASC ,obs#: | | 67 | | | | |
| DXCT | | 1002 | 216 | -3066.84560 | -0.001 | -0.091 |
| | | | | 0.013 | 0.012 | 0.07 |
| DYCT | | 1002 | 216 | -6210.78970 | 0.037 | 3.070 |
| | | | | 0.013 | 0.012 | 2.46 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1002 | 216 | -13220.98380 | 0.005 | 0.397 |
| | | | | 0.013 | 0.012 | 0.32 |
| GROUP: C020211.ASC ,obs#: | | 68 | | | | |
| DXCT | | 102 | 216 | 32701.26010 | 0.007 | 0.222 |
| | | | | 0.031 | 0.030 | 0.18 |
| DYCT | | 102 | 216 | -10056.56010 | 0.024 | 0.780 |
| | | | | 0.031 | 0.030 | 0.66 |
| DZCT | | 102 | 216 | -10973.61620 | 0.001 | 0.028 |
| | | | | 0.031 | 0.030 | 0.02 |
| GROUP: C020211.ASC ,obs#: | | 69 | | | | |
| DXCT | | 1001 | 217 | -8781.96590 | 0.000 | 0.085 |
| | | | | 0.009 | 0.006 | 0.04 |
| DYCT | | 1001 | 217 | 3890.88760 | -0.002 | -0.329 |
| | | | | 0.009 | 0.006 | 0.17 |
| DZCT | | 1001 | 217 | 5383.15140 | -0.001 | -0.126 |
| | | | | 0.009 | 0.006 | 0.06 |
| GROUP: C020211.ASC ,obs#: | | 70 | | | | |
| DXCT | | 1002 | 217 | -10166.92550 | -0.003 | -0.221 |
| | | | | 0.014 | 0.012 | 0.16 |
| DYCT | | 1002 | 217 | -4786.14720 | -0.000 | -0.024 |
| | | | | 0.014 | 0.012 | 0.02 |
| DZCT | | 1002 | 217 | -12319.75880 | 0.003 | 0.231 |
| | | | | 0.014 | 0.012 | 0.17 |
| GROUP: C020211.ASC ,obs#: | | 71 | | | | |
| DXCT | | 102 | 217 | 25601.18060 | 0.005 | 0.203 |
| | | | | 0.025 | 0.023 | 0.16 |
| DYCT | | 102 | 217 | -8631.94450 | 0.014 | 0.583 |
| | | | | 0.025 | 0.023 | 0.47 |
| DZCT | | 102 | 217 | -10072.38890 | -0.003 | -0.148 |
| | | | | 0.025 | 0.023 | 0.12 |
| GROUP: C020211.ASC ,obs#: | | 72 | | | | |
| DXCT | | 1001 | 218 | -6113.80480 | 0.006 | 1.658 |
| | | | | 0.007 | 0.004 | 0.74 |
| DYCT | | 1001 | 218 | 3377.40000 | -0.008 | -2.008 |
| | | | | 0.007 | 0.004 | 0.90 |
| DZCT | | 1001 | 218 | 5088.77810 | -0.001 | -0.260 |
| | | | | 0.007 | 0.004 | 0.12 |
| GROUP: C020211.ASC ,obs#: | | 73 | | | | |
| DXCT | | 1002 | 218 | -7498.74330 | -0.018 | -1.529 |
| | | | | 0.013 | 0.012 | 1.15 |
| DYCT | | 1002 | 218 | -5299.66130 | 0.020 | 1.715 |
| | | | | 0.013 | 0.012 | 1.30 |
| DZCT | | 1002 | 218 | -12614.13200 | 0.002 | 0.204 |
| | | | | 0.013 | 0.012 | 0.15 |
| GROUP: C020211.ASC ,obs#: | | 74 | | | | |
| DXCT | | 102 | 218 | 28269.36400 | -0.012 | -0.463 |
| | | | | 0.027 | 0.025 | 0.37 |
| DYCT | | 102 | 218 | -9145.44540 | 0.021 | 0.809 |
| | | | | 0.027 | 0.026 | 0.66 |
| DZCT | | 102 | 218 | -10366.76930 | 0.003 | 0.134 |
| | | | | 0.027 | 0.026 | 0.11 |
| GROUP: C020211.ASC ,obs#: | | 75 | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1001 | 219 | 1510.91350 | -0.002 | -0.861 |
| | | | | 0.005 | 0.002 | 0.28 |
| DYCT | | 1001 | 219 | 2259.71290 | -0.004 | -2.277 |
| | | | | 0.005 | 0.002 | 0.77 |
| DZCT | | 1001 | 219 | 4937.16170 | 0.004 | 1.900 |
| | | | | 0.005 | 0.002 | 0.63 |
| GROUP: C020211.ASC ,obs#: 76 | | | | | | |
| DXCT | | 1002 | 219 | 125.94030 | 0.009 | 0.787 |
| | | | | 0.012 | 0.011 | 0.62 |
| DYCT | | 1002 | 219 | -6417.34660 | 0.022 | 1.944 |
| | | | | 0.012 | 0.011 | 1.53 |
| DZCT | | 1002 | 219 | -12765.72120 | -0.020 | -1.794 |
| | | | | 0.012 | 0.011 | 1.41 |
| GROUP: C020211.ASC ,obs#: 77 | | | | | | |
| DXCT | | 102 | 219 | 35894.05410 | 0.008 | 0.262 |
| | | | | 0.033 | 0.032 | 0.22 |
| DYCT | | 102 | 219 | -10263.14280 | 0.035 | 1.062 |
| | | | | 0.033 | 0.033 | 0.89 |
| DZCT | | 102 | 219 | -10518.36420 | -0.014 | -0.418 |
| | | | | 0.033 | 0.032 | 0.35 |
| GROUP: C020211.ASC ,obs#: 78 | | | | | | |
| DXCT | | 1001 | 220 | 4795.48440 | -0.009 | -2.209 |
| | | | | 0.007 | 0.004 | 1.03 |
| DYCT | | 1001 | 220 | 2529.75890 | -0.019 | -4.808 |
| | | | | 0.007 | 0.004 | 2.29 |
| | | | | | ^^^^^^^^^^^^^^^^^ | |
| DZCT | | 1001 | 220 | 6367.79360 | -0.002 | -0.415 |
| | | | | 0.007 | 0.004 | 0.19 |
| GROUP: C020211.ASC ,obs#: 79 | | | | | | |
| DXCT | | 1002 | 220 | 3410.49280 | 0.020 | 2.104 |
| | | | | 0.011 | 0.010 | 1.52 |
| DYCT | | 1002 | 220 | -6147.33570 | 0.042 | 4.377 |
| | | | | 0.011 | 0.010 | 3.16 |
| | | | | | ^^^^^^^^^^^^^^^^^ | |
| DZCT | | 1002 | 220 | -11335.11990 | 0.005 | 0.539 |
| | | | | 0.011 | 0.010 | 0.39 |
| GROUP: C020211.ASC ,obs#: 80 | | | | | | |
| DXCT | | 102 | 220 | 39178.61160 | 0.015 | 0.432 |
| | | | | 0.035 | 0.034 | 0.36 |
| DYCT | | 102 | 220 | -9993.12980 | 0.053 | 1.523 |
| | | | | 0.035 | 0.035 | 1.27 |
| DZCT | | 102 | 220 | -9087.74370 | -0.007 | -0.212 |
| | | | | 0.035 | 0.034 | 0.18 |
| GROUP: C020211.ASC ,obs#: 81 | | | | | | |
| DXCT | | 1001 | 221 | 9802.64510 | -0.003 | -0.659 |
| | | | | 0.009 | 0.005 | 0.29 |
| DYCT | | 1001 | 221 | 378.81350 | -0.005 | -1.123 |
| | | | | 0.009 | 0.005 | 0.50 |
| DZCT | | 1001 | 221 | 3414.12240 | 0.001 | 0.113 |
| | | | | 0.009 | 0.005 | 0.05 |
| GROUP: C020211.ASC ,obs#: 82 | | | | | | |
| DXCT | | 1002 | 221 | 8417.67330 | 0.006 | 0.439 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.016 | 0.014 | 0.33 |
| DYCT | | 1002 | 221 | -8298.23810 | 0.013 | 0.949 |
| | | | | 0.016 | 0.014 | 0.71 |
| DZCT | | 1002 | 221 | -14288.78340 | -0.000 | -0.028 |
| | | | | 0.016 | 0.014 | 0.02 |
| GROUP: C020211.ASC ,obs#: | | 83 | | | | |
| DXCT | | 102 | 221 | 44185.77020 | 0.023 | 0.575 |
| | | | | 0.040 | 0.039 | 0.48 |
| DYCT | | 102 | 221 | -12144.02890 | 0.021 | 0.519 |
| | | | | 0.040 | 0.040 | 0.43 |
| DZCT | | 102 | 221 | -12041.41200 | -0.008 | -0.205 |
| | | | | 0.040 | 0.039 | 0.17 |
| GROUP: C020211.ASC ,obs#: | | 84 | | | | |
| DXCT | | 1001 | 222 | 9498.41350 | 0.003 | 0.410 |
| | | | | 0.011 | 0.007 | 0.24 |
| DYCT | | 1001 | 222 | 2661.96820 | -0.023 | -2.988 |
| | | | | 0.011 | 0.008 | 1.79 |
| DZCT | | 1001 | 222 | 7897.78750 | -0.001 | -0.073 |
| | | | | 0.011 | 0.007 | 0.04 |
| GROUP: C020211.ASC ,obs#: | | 85 | | | | |
| DXCT | | 1002 | 222 | 8113.45830 | -0.005 | -0.502 |
| | | | | 0.012 | 0.009 | 0.32 |
| DYCT | | 1002 | 222 | -6015.11450 | 0.027 | 2.984 |
| | | | | 0.012 | 0.009 | 1.91 |
| DZCT | | 1002 | 222 | -9805.12230 | 0.003 | 0.284 |
| | | | | 0.012 | 0.009 | 0.18 |
| GROUP: C020211.ASC ,obs#: | | 86 | | | | |
| DXCT | | 102 | 222 | 43881.56050 | 0.007 | 0.177 |
| | | | | 0.039 | 0.038 | 0.15 |
| DYCT | | 102 | 222 | -9860.87380 | 0.003 | 0.071 |
| | | | | 0.039 | 0.038 | 0.06 |
| DZCT | | 102 | 222 | -7557.73890 | -0.017 | -0.455 |
| | | | | 0.039 | 0.038 | 0.38 |
| GROUP: C020211.ASC ,obs#: | | 87 | | | | |
| DXCT | | 1001 | 223 | 6254.37240 | 0.011 | 1.170 |
| | | | | 0.011 | 0.009 | 0.81 |
| DYCT | | 1001 | 223 | 4504.48440 | -0.041 | -4.417 |
| | | | | 0.011 | 0.009 | 3.08 |
| | | | | | ^^^^^^^^^^^^^^^^^ | |
| DZCT | | 1001 | 223 | 10705.00970 | 0.019 | 2.112 |
| | | | | 0.011 | 0.009 | 1.47 |
| GROUP: C020211.ASC ,obs#: | | 88 | | | | |
| DXCT | | 1002 | 223 | 4869.42610 | -0.006 | -1.188 |
| | | | | 0.008 | 0.005 | 0.61 |
| DYCT | | 1002 | 223 | -4172.61000 | 0.021 | 4.216 |
| | | | | 0.008 | 0.005 | 2.17 |
| DZCT | | 1002 | 223 | -6997.86870 | -0.009 | -1.835 |
| | | | | 0.008 | 0.005 | 0.94 |
| GROUP: C020211.ASC ,obs#: | | 89 | | | | |
| DXCT | | 102 | 223 | 40637.52920 | 0.005 | 0.132 |
| | | | | 0.036 | 0.034 | 0.11 |
| DYCT | | 102 | 223 | -8018.38250 | 0.010 | 0.276 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.036 | 0.035 | 0.23 |
| DZCT | | 102 | 223 | -4750.49190 | -0.022 | -0.638 |
| | | | | 0.036 | 0.035 | 0.53 |
| GROUP: C020211.ASC ,obs#: | | 90 | | | | |
| DXCT | | 1001 | 224 | -1012.44680 | -0.009 | -1.039 |
| | | | | 0.010 | 0.009 | 0.74 |
| DYCT | | 1001 | 224 | 5488.12160 | -0.030 | -3.449 |
| | | | | 0.010 | 0.009 | 2.45 |
| DZCT | | 1001 | 224 | 10698.52390 | 0.000 | 0.053 |
| | | | | 0.010 | 0.009 | 0.04 |
| GROUP: C020211.ASC ,obs#: | | 91 | | | | |
| DXCT | | 1002 | 224 | -2397.42270 | 0.004 | 1.087 |
| | | | | 0.007 | 0.004 | 0.53 |
| DYCT | | 1002 | 224 | -3188.95370 | 0.012 | 3.131 |
| | | | | 0.007 | 0.004 | 1.54 |
| DZCT | | 1002 | 224 | -7004.38310 | 0.001 | 0.192 |
| | | | | 0.007 | 0.004 | 0.09 |
| GROUP: C020211.ASC ,obs#: | | 92 | | | | |
| DXCT | | 102 | 224 | 33370.70040 | -0.005 | -0.193 |
| | | | | 0.029 | 0.028 | 0.16 |
| DYCT | | 102 | 224 | -7034.74000 | 0.015 | 0.534 |
| | | | | 0.029 | 0.029 | 0.44 |
| DZCT | | 102 | 224 | -4757.00040 | -0.018 | -0.644 |
| | | | | 0.029 | 0.028 | 0.53 |
| GROUP: C020211.ASC ,obs#: | | 93 | | | | |
| DXCT | | 1001 | N 1408 | -874.28380 | -0.001 | -2.999 |
| | | | | 0.002 | 0.000 | 0.48 |
| DYCT | | 1001 | N 1408 | 973.00840 | -0.016 | -4.736 |
| | | | | 0.004 | 0.003 | 7.28 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1001 | N 1408 | 1714.89860 | 0.008 | 4.405 |
| | | | | 0.003 | 0.002 | 3.74 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: C020211.ASC ,obs#: | | 94 | | | | |
| DXCT | | 1002 | N 1408 | -2259.24980 | 0.002 | 0.148 |
| | | | | 0.015 | 0.015 | 0.12 |
| DYCT | | 1002 | N 1408 | -7704.08090 | 0.040 | 2.578 |
| | | | | 0.016 | 0.016 | 2.26 |
| DZCT | | 1002 | N 1408 | -15988.00830 | 0.008 | 0.546 |
| | | | | 0.015 | 0.015 | 0.46 |
| GROUP: C020211.ASC ,obs#: | | 95 | | | | |
| DXCT | | 1002 | TXPR | -44070.31360 | -0.008 | -0.193 |
| | | | | 0.044 | 0.044 | 0.16 |
| DYCT | | 1002 | TXPR | -6911.40330 | -0.018 | -0.403 |
| | | | | 0.044 | 0.044 | 0.34 |
| DZCT | | 1002 | TXPR | -26105.95600 | -0.002 | -0.056 |
| | | | | 0.044 | 0.044 | 0.05 |
| GROUP: C020211.ASC ,obs#: | | 96 | | | | |
| DXCT | | 1001 | TXPR | -42685.35340 | -0.006 | -0.160 |
| | | | | 0.037 | 0.037 | 0.13 |
| DYCT | | 1001 | TXPR | 1765.64250 | -0.030 | -0.821 |
| | | | | 0.037 | 0.037 | 0.69 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1001 | TXPR | -8403.05800 | 0.006 | 0.171 |
| | | | | 0.037 | 0.037 | 0.14 |
| GROUP: C020311.ASC ,obs#: 97 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95440 | 0.008 | 0.498 |
| | | | | 0.017 | 0.017 | 0.42 |
| DYCT | | 1001 | 1002 | 8677.02410 | 0.009 | 0.545 |
| | | | | 0.017 | 0.017 | 0.46 |
| DZCT | | 1001 | 1002 | 17702.91090 | -0.004 | -0.251 |
| | | | | 0.017 | 0.017 | 0.21 |
| GROUP: C020311.ASC ,obs#: 98 | | | | | | |
| DXCT | | 1001 | 1003 | 35497.58830 | 0.017 | 0.511 |
| | | | | 0.037 | 0.034 | 0.40 |
| DYCT | | 1001 | 1003 | 7455.98810 | -0.003 | -0.080 |
| | | | | 0.037 | 0.034 | 0.06 |
| DZCT | | 1001 | 1003 | 24297.11910 | -0.011 | -0.328 |
| | | | | 0.037 | 0.034 | 0.26 |
| GROUP: C020311.ASC ,obs#: 99 | | | | | | |
| DXCT | | 1002 | 1003 | 34112.64370 | -0.001 | -0.032 |
| | | | | 0.030 | 0.025 | 0.02 |
| DYCT | | 1002 | 1003 | -1221.03700 | -0.011 | -0.426 |
| | | | | 0.030 | 0.025 | 0.31 |
| DZCT | | 1002 | 1003 | 6594.20550 | -0.004 | -0.167 |
| | | | | 0.030 | 0.025 | 0.12 |
| GROUP: C020311.ASC ,obs#: 100 | | | | | | |
| DXCT | | 1001 | 1004 | 34121.11100 | -0.002 | -0.060 |
| | | | | 0.037 | 0.034 | 0.05 |
| DYCT | | 1001 | 1004 | 8562.20180 | 0.014 | 0.403 |
| | | | | 0.037 | 0.034 | 0.31 |
| DZCT | | 1001 | 1004 | 26138.42740 | 0.001 | 0.020 |
| | | | | 0.037 | 0.034 | 0.02 |
| GROUP: C020311.ASC ,obs#: 101 | | | | | | |
| DXCT | | 1002 | 1004 | 32736.16070 | -0.014 | -0.593 |
| | | | | 0.029 | 0.024 | 0.43 |
| DYCT | | 1002 | 1004 | -114.80590 | -0.012 | -0.479 |
| | | | | 0.029 | 0.025 | 0.35 |
| DZCT | | 1002 | 1004 | 8435.51340 | 0.008 | 0.327 |
| | | | | 0.029 | 0.024 | 0.24 |
| GROUP: C020311.ASC ,obs#: 102 | | | | | | |
| DXCT | | 1001 | 225 | 13663.92150 | 0.021 | 1.021 |
| | | | | 0.023 | 0.020 | 0.78 |
| DYCT | | 1001 | 225 | 8685.76320 | 0.022 | 1.078 |
| | | | | 0.023 | 0.020 | 0.83 |
| DZCT | | 1001 | 225 | 21014.79250 | -0.009 | -0.443 |
| | | | | 0.023 | 0.020 | 0.34 |
| GROUP: C020311.ASC ,obs#: 103 | | | | | | |
| DXCT | | 1002 | 225 | 12278.98430 | -0.005 | -1.021 |
| | | | | 0.011 | 0.005 | 0.38 |
| DYCT | | 1002 | 225 | 8.75700 | -0.005 | -1.077 |
| | | | | 0.011 | 0.005 | 0.40 |
| DZCT | | 1002 | 225 | 3311.87470 | 0.002 | 0.442 |
| | | | | 0.011 | 0.005 | 0.16 |
| GROUP: C020311.ASC ,obs#: 104 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1001 | 226 | 7451.17170 | 0.025 | 1.120 |
| | | | | 0.023 | 0.022 | 0.91 |
| DYCT | | 1001 | 226 | 10938.04550 | 0.001 | 0.050 |
| | | | | 0.023 | 0.022 | 0.04 |
| DZCT | | 1001 | 226 | 23831.37280 | 0.002 | 0.089 |
| | | | | 0.023 | 0.022 | 0.07 |
| GROUP: C020311.ASC ,obs#: 105 | | | | | | |
| DXCT | | 1002 | 226 | 6066.23630 | -0.003 | -1.120 |
| | | | | 0.008 | 0.002 | 0.30 |
| DYCT | | 1002 | 226 | 2261.01350 | -0.000 | -0.050 |
| | | | | 0.008 | 0.002 | 0.01 |
| DZCT | | 1002 | 226 | 6128.46830 | -0.000 | -0.089 |
| | | | | 0.008 | 0.002 | 0.02 |
| GROUP: C020311.ASC ,obs#: 106 | | | | | | |
| DXCT | | 1001 | 227 | 2525.43660 | 0.010 | 0.509 |
| | | | | 0.021 | 0.020 | 0.43 |
| DYCT | | 1001 | 227 | 10496.86820 | 0.012 | 0.571 |
| | | | | 0.021 | 0.020 | 0.48 |
| DZCT | | 1001 | 227 | 21629.65600 | 0.008 | 0.378 |
| | | | | 0.021 | 0.020 | 0.32 |
| GROUP: C020311.ASC ,obs#: 107 | | | | | | |
| DXCT | | 1002 | 227 | 1140.48450 | -0.000 | -0.511 |
| | | | | 0.004 | 0.001 | 0.08 |
| DYCT | | 1002 | 227 | 1819.84700 | -0.000 | -0.568 |
| | | | | 0.004 | 0.001 | 0.09 |
| DZCT | | 1002 | 227 | 3926.75720 | -0.000 | -0.370 |
| | | | | 0.004 | 0.001 | 0.06 |
| GROUP: C020311.ASC ,obs#: 108 | | | | | | |
| DXCT | | 1001 | 228 | -1208.18770 | -0.010 | -0.485 |
| | | | | 0.022 | 0.021 | 0.40 |
| DYCT | | 1001 | 228 | 11751.56560 | 0.013 | 0.609 |
| | | | | 0.022 | 0.021 | 0.50 |
| DZCT | | 1001 | 228 | 23109.60610 | 0.027 | 1.254 |
| | | | | 0.022 | 0.021 | 1.03 |
| GROUP: C020311.ASC ,obs#: 109 | | | | | | |
| DXCT | | 1002 | 228 | -2593.16150 | 0.001 | 0.483 |
| | | | | 0.006 | 0.001 | 0.10 |
| DYCT | | 1002 | 228 | 3074.54630 | -0.001 | -0.601 |
| | | | | 0.006 | 0.001 | 0.13 |
| DZCT | | 1002 | 228 | 5406.72800 | -0.002 | -1.251 |
| | | | | 0.006 | 0.001 | 0.27 |
| GROUP: C020311.ASC ,obs#: 110 | | | | | | |
| DXCT | | 1001 | 229 | -1715.47400 | 0.000 | 0.019 |
| | | | | 0.018 | 0.018 | 0.02 |
| DYCT | | 1001 | 229 | 9614.86370 | 0.014 | 0.806 |
| | | | | 0.018 | 0.018 | 0.68 |
| DZCT | | 1001 | 229 | 18726.68610 | -0.008 | -0.433 |
| | | | | 0.018 | 0.018 | 0.36 |
| GROUP: C020311.ASC ,obs#: 111 | | | | | | |
| DXCT | | 1002 | 229 | -3100.43640 | -0.000 | -0.027 |
| | | | | 0.003 | 0.000 | 0.00 |
| DYCT | | 1002 | 229 | 937.84520 | -0.000 | -0.816 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.003 | 0.000 | 0.12 |
| DZCT | | 1002 | 229 | 1023.77150 | 0.000 | 0.452 |
| | | | | 0.003 | 0.000 | 0.06 |
| GROUP: C020311.ASC ,obs#: 112 | | | | | | |
| DXCT | | 1001 | 230 | -2280.70540 | -0.010 | -0.649 |
| | | | | 0.015 | 0.015 | 0.54 |
| DYCT | | 1001 | 230 | 8218.74260 | 0.003 | 0.172 |
| | | | | 0.016 | 0.015 | 0.14 |
| DZCT | | 1001 | 230 | 15794.83830 | -0.005 | -0.356 |
| | | | | 0.015 | 0.015 | 0.30 |
| GROUP: C020311.ASC ,obs#: 113 | | | | | | |
| DXCT | | 1002 | 230 | -3665.67830 | 0.001 | 0.647 |
| | | | | 0.004 | 0.001 | 0.12 |
| DYCT | | 1002 | 230 | -458.28790 | -0.000 | -0.176 |
| | | | | 0.004 | 0.001 | 0.04 |
| DZCT | | 1002 | 230 | -1908.07400 | 0.000 | 0.357 |
| | | | | 0.004 | 0.001 | 0.07 |
| GROUP: C020411.ASC ,obs#: 114 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95790 | 0.005 | 0.289 |
| | | | | 0.017 | 0.017 | 0.25 |
| DYCT | | 1001 | 1002 | 8677.02640 | 0.007 | 0.407 |
| | | | | 0.017 | 0.017 | 0.35 |
| DZCT | | 1001 | 1002 | 17702.91470 | -0.008 | -0.478 |
| | | | | 0.017 | 0.017 | 0.41 |
| GROUP: C020411.ASC ,obs#: 115 | | | | | | |
| DXCT | | 1001 | 231 | -7125.55230 | -0.001 | -0.069 |
| | | | | 0.017 | 0.015 | 0.05 |
| DYCT | | 1001 | 231 | 8852.61650 | 0.017 | 1.138 |
| | | | | 0.017 | 0.015 | 0.90 |
| DZCT | | 1001 | 231 | 15737.20600 | -0.012 | -0.777 |
| | | | | 0.017 | 0.015 | 0.60 |
| GROUP: C020411.ASC ,obs#: 116 | | | | | | |
| DXCT | | 1002 | 231 | -8510.51630 | 0.000 | 0.069 |
| | | | | 0.007 | 0.003 | 0.02 |
| DYCT | | 1002 | 231 | 175.60430 | -0.004 | -1.138 |
| | | | | 0.008 | 0.003 | 0.41 |
| DZCT | | 1002 | 231 | -1965.71480 | 0.002 | 0.777 |
| | | | | 0.007 | 0.003 | 0.27 |
| GROUP: C020411.ASC ,obs#: 117 | | | | | | |
| DXCT | | 1001 | 232 | -13781.06830 | 0.001 | 0.055 |
| | | | | 0.020 | 0.016 | 0.04 |
| DYCT | | 1001 | 232 | 9707.78030 | 0.012 | 0.732 |
| | | | | 0.020 | 0.016 | 0.52 |
| DZCT | | 1001 | 232 | 15609.46620 | -0.018 | -1.095 |
| | | | | 0.020 | 0.016 | 0.77 |
| GROUP: C020411.ASC ,obs#: 118 | | | | | | |
| DXCT | | 1002 | 232 | -15166.02970 | -0.000 | -0.062 |
| | | | | 0.013 | 0.007 | 0.03 |
| DYCT | | 1002 | 232 | 1030.76490 | -0.006 | -0.751 |
| | | | | 0.014 | 0.008 | 0.38 |
| DZCT | | 1002 | 232 | -2093.46640 | 0.008 | 1.108 |
| | | | | 0.013 | 0.007 | 0.53 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C020411.ASC ,obs#: 119 | | | | | | |
| DXCT | | 1001 | 233 | -17718.40930 | 0.004 | 0.204 |
| | | | | 0.022 | 0.018 | 0.14 |
| DYCT | | 1001 | 233 | 10549.43180 | -0.006 | -0.307 |
| | | | | 0.023 | 0.018 | 0.21 |
| DZCT | | 1001 | 233 | 16193.80160 | -0.005 | -0.296 |
| | | | | 0.022 | 0.018 | 0.20 |
| GROUP: C020411.ASC ,obs#: 120 | | | | | | |
| DXCT | | 1002 | 233 | -19103.36640 | -0.002 | -0.204 |
| | | | | 0.016 | 0.010 | 0.10 |
| DYCT | | 1002 | 233 | 1872.39000 | 0.003 | 0.306 |
| | | | | 0.017 | 0.010 | 0.16 |
| DZCT | | 1002 | 233 | -1509.11330 | 0.003 | 0.295 |
| | | | | 0.016 | 0.010 | 0.15 |
| GROUP: C020411.ASC ,obs#: 121 | | | | | | |
| DXCT | | 1001 | 234 | -20467.13660 | 0.006 | 0.299 |
| | | | | 0.025 | 0.020 | 0.20 |
| DYCT | | 1001 | 234 | 11880.10170 | 0.005 | 0.238 |
| | | | | 0.025 | 0.020 | 0.16 |
| DZCT | | 1001 | 234 | 18078.62270 | -0.004 | -0.193 |
| | | | | 0.025 | 0.020 | 0.13 |
| GROUP: C020411.ASC ,obs#: 122 | | | | | | |
| DXCT | | 1002 | 234 | -21852.08990 | -0.003 | -0.300 |
| | | | | 0.019 | 0.011 | 0.15 |
| DYCT | | 1002 | 234 | 3203.07600 | -0.003 | -0.238 |
| | | | | 0.019 | 0.011 | 0.12 |
| DZCT | | 1002 | 234 | 375.70990 | 0.002 | 0.193 |
| | | | | 0.019 | 0.011 | 0.10 |
| GROUP: C020411.ASC ,obs#: 123 | | | | | | |
| DXCT | | 1001 | 235 | -13498.98260 | 0.002 | 0.120 |
| | | | | 0.023 | 0.020 | 0.09 |
| DYCT | | 1001 | 235 | 11767.28580 | 0.009 | 0.442 |
| | | | | 0.023 | 0.020 | 0.33 |
| DZCT | | 1001 | 235 | 19779.25710 | -0.005 | -0.278 |
| | | | | 0.023 | 0.020 | 0.21 |
| GROUP: C020411.ASC ,obs#: 124 | | | | | | |
| DXCT | | 1002 | 235 | -14883.94220 | -0.001 | -0.120 |
| | | | | 0.013 | 0.007 | 0.05 |
| DYCT | | 1002 | 235 | 3090.26420 | -0.003 | -0.443 |
| | | | | 0.013 | 0.007 | 0.19 |
| DZCT | | 1002 | 235 | 2076.34310 | 0.002 | 0.280 |
| | | | | 0.013 | 0.007 | 0.12 |
| GROUP: C020411.ASC ,obs#: 125 | | | | | | |
| DXCT | | 1001 | 236 | -8745.60060 | 0.008 | 0.688 |
| | | | | 0.015 | 0.012 | 0.49 |
| DYCT | | 1001 | 236 | 7593.24650 | 0.006 | 0.486 |
| | | | | 0.015 | 0.012 | 0.35 |
| DZCT | | 1001 | 236 | 12782.61950 | 0.002 | 0.159 |
| | | | | 0.015 | 0.012 | 0.11 |
| GROUP: C020411.ASC ,obs#: 126 | | | | | | |
| DXCT | | 1002 | 236 | -10130.55130 | -0.004 | -0.686 |
| | | | | 0.010 | 0.005 | 0.32 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1002 | 236 | -1083.77810 | -0.003 | -0.484 |
| | | | | 0.010 | 0.005 | 0.23 |
| DZCT | | 1002 | 236 | -4920.28440 | -0.001 | -0.161 |
| | | | | 0.010 | 0.005 | 0.07 |
| GROUP: C020411.ASC ,obs#: 127 | | | | | | |
| DXCT | | 1001 | 237 | -5860.62370 | 0.001 | 0.087 |
| | | | | 0.010 | 0.007 | 0.05 |
| DYCT | | 1001 | 237 | 5408.41770 | -0.018 | -2.411 |
| | | | | 0.010 | 0.008 | 1.49 |
| DZCT | | 1001 | 237 | 9215.54360 | -0.003 | -0.413 |
| | | | | 0.010 | 0.007 | 0.25 |
| GROUP: C020411.ASC ,obs#: 128 | | | | | | |
| DXCT | | 1002 | 237 | -7245.58520 | -0.001 | -0.088 |
| | | | | 0.010 | 0.007 | 0.05 |
| DYCT | | 1002 | 237 | -3268.65010 | 0.016 | 2.411 |
| | | | | 0.010 | 0.007 | 1.42 |
| DZCT | | 1002 | 237 | -8487.36900 | 0.003 | 0.414 |
| | | | | 0.010 | 0.007 | 0.24 |
| GROUP: C020411.ASC ,obs#: 129 | | | | | | |
| DXCT | | 1002 | 238 | -3618.48110 | -0.007 | -0.901 |
| | | | | 0.010 | 0.008 | 0.59 |
| DYCT | | 1002 | 238 | -4469.27790 | 0.021 | 2.730 |
| | | | | 0.010 | 0.008 | 1.80 |
| DZCT | | 1002 | 238 | -9890.18460 | 0.007 | 0.900 |
| | | | | 0.010 | 0.008 | 0.59 |
| GROUP: C020411.ASC ,obs#: 130 | | | | | | |
| DXCT | | 1001 | 238 | -2233.52950 | 0.004 | 0.897 |
| | | | | 0.008 | 0.005 | 0.47 |
| DYCT | | 1001 | 238 | 4207.78930 | -0.013 | -2.722 |
| | | | | 0.008 | 0.005 | 1.46 |
| DZCT | | 1001 | 238 | 7812.73320 | -0.004 | -0.882 |
| | | | | 0.008 | 0.005 | 0.47 |
| GROUP: C020411.ASC ,obs#: 131 | | | | | | |
| DXCT | | 1001 | 239 | -1139.92720 | -0.005 | -0.406 |
| | | | | 0.013 | 0.012 | 0.33 |
| DYCT | | 1001 | 239 | 6949.46470 | 0.005 | 0.404 |
| | | | | 0.013 | 0.013 | 0.33 |
| DZCT | | 1001 | 239 | 13577.18050 | -0.022 | -1.798 |
| | | | | 0.013 | 0.012 | 1.46 |
| GROUP: C020411.ASC ,obs#: 132 | | | | | | |
| DXCT | | 1002 | 239 | -2524.89550 | 0.001 | 0.405 |
| | | | | 0.004 | 0.001 | 0.11 |
| DYCT | | 1002 | 239 | -1727.56290 | -0.001 | -0.406 |
| | | | | 0.004 | 0.001 | 0.11 |
| DZCT | | 1002 | 239 | -4125.75100 | 0.003 | 1.798 |
| | | | | 0.004 | 0.001 | 0.49 |
| GROUP: C020511.ASC ,obs#: 133 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95560 | 0.007 | 0.426 |
| | | | | 0.017 | 0.017 | 0.36 |
| DYCT | | 1001 | 1002 | 8677.03170 | 0.002 | 0.091 |
| | | | | 0.017 | 0.017 | 0.08 |
| DZCT | | 1001 | 1002 | 17702.90810 | -0.001 | -0.084 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.017 | 0.017 | 0.07 |
| GROUP: C020511.ASC ,obs#: 134 | | | | | | |
| DXCT | | 1001 | 240 | 5154.95690 | 0.009 | 0.524 |
| | | | | 0.018 | 0.018 | 0.44 |
| DYCT | | 1001 | 240 | 8704.68660 | 0.002 | 0.120 |
| | | | | 0.018 | 0.018 | 0.10 |
| DZCT | | 1001 | 240 | 18775.70910 | 0.001 | 0.070 |
| | | | | 0.018 | 0.018 | 0.06 |
| GROUP: C020511.ASC ,obs#: 135 | | | | | | |
| DXCT | | 1002 | 240 | 3770.00380 | -0.000 | -0.524 |
| | | | | 0.003 | 0.001 | 0.08 |
| DYCT | | 1002 | 240 | 27.65560 | -0.000 | -0.121 |
| | | | | 0.003 | 0.001 | 0.02 |
| DZCT | | 1002 | 240 | 1072.80370 | -0.000 | -0.069 |
| | | | | 0.003 | 0.001 | 0.01 |
| GROUP: C020511.ASC ,obs#: 136 | | | | | | |
| DXCT | | 1001 | 241 | 8919.07140 | 0.014 | 0.680 |
| | | | | 0.022 | 0.021 | 0.55 |
| DYCT | | 1001 | 241 | 9715.95950 | 0.002 | 0.097 |
| | | | | 0.022 | 0.021 | 0.08 |
| DZCT | | 1001 | 241 | 21795.05170 | 0.006 | 0.283 |
| | | | | 0.022 | 0.021 | 0.23 |
| GROUP: C020511.ASC ,obs#: 137 | | | | | | |
| DXCT | | 1002 | 241 | 7534.12420 | -0.002 | -0.680 |
| | | | | 0.007 | 0.002 | 0.19 |
| DYCT | | 1002 | 241 | 1038.92850 | -0.000 | -0.096 |
| | | | | 0.007 | 0.002 | 0.03 |
| DZCT | | 1002 | 241 | 4092.15150 | -0.001 | -0.283 |
| | | | | 0.007 | 0.002 | 0.08 |
| GROUP: C020511.ASC ,obs#: 138 | | | | | | |
| DXCT | | 1001 | 242 | 15068.81440 | -0.002 | -0.073 |
| | | | | 0.025 | 0.022 | 0.06 |
| DYCT | | 1001 | 242 | 9578.53000 | -0.028 | -1.260 |
| | | | | 0.025 | 0.022 | 0.96 |
| DZCT | | 1001 | 242 | 23163.09410 | 0.029 | 1.312 |
| | | | | 0.025 | 0.022 | 1.00 |
| GROUP: C020511.ASC ,obs#: 139 | | | | | | |
| DXCT | | 1002 | 242 | 13683.84960 | 0.000 | 0.077 |
| | | | | 0.013 | 0.006 | 0.03 |
| DYCT | | 1002 | 242 | 901.46150 | 0.007 | 1.267 |
| | | | | 0.013 | 0.006 | 0.49 |
| DZCT | | 1002 | 242 | 5460.22420 | -0.008 | -1.319 |
| | | | | 0.013 | 0.006 | 0.51 |
| GROUP: C020511.ASC ,obs#: 140 | | | | | | |
| DXCT | | 1001 | 243 | 16466.71550 | 0.007 | 0.412 |
| | | | | 0.020 | 0.017 | 0.29 |
| DYCT | | 1001 | 243 | 5853.81770 | 0.004 | 0.215 |
| | | | | 0.020 | 0.017 | 0.15 |
| DZCT | | 1001 | 243 | 16126.92420 | -0.004 | -0.240 |
| | | | | 0.020 | 0.017 | 0.17 |
| GROUP: C020511.ASC ,obs#: 141 | | | | | | |
| DXCT | | 1002 | 243 | 15081.76270 | -0.003 | -0.413 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.013 | 0.007 | 0.19 |
| DYCT | | 1002 | 243 | -2823.21030 | -0.002 | -0.217 |
| | | | | 0.013 | 0.007 | 0.10 |
| DZCT | | 1002 | 243 | -1575.98830 | 0.002 | 0.241 |
| | | | | 0.013 | 0.007 | 0.11 |
| GROUP: C020511.ASC ,obs#: 142 | | | | | | |
| DXCT | | 1001 | 244 | 22258.76110 | 0.000 | 0.029 |
| | | | | 0.022 | 0.017 | 0.02 |
| DYCT | | 1001 | 244 | 3258.24950 | 0.006 | 0.358 |
| | | | | 0.022 | 0.017 | 0.23 |
| DZCT | | 1001 | 244 | 12485.48700 | 0.000 | 0.028 |
| | | | | 0.022 | 0.017 | 0.02 |
| GROUP: C020511.ASC ,obs#: 143 | | | | | | |
| DXCT | | 1002 | 244 | 20873.79920 | -0.000 | -0.029 |
| | | | | 0.019 | 0.012 | 0.02 |
| DYCT | | 1002 | 244 | -5418.77330 | -0.004 | -0.358 |
| | | | | 0.019 | 0.012 | 0.20 |
| DZCT | | 1002 | 244 | -5217.41890 | -0.000 | -0.027 |
| | | | | 0.019 | 0.012 | 0.02 |
| GROUP: C020511.ASC ,obs#: 144 | | | | | | |
| DXCT | | 1001 | 245 | 20762.49480 | 0.006 | 0.437 |
| | | | | 0.020 | 0.014 | 0.27 |
| DYCT | | 1001 | 245 | 2042.95380 | 0.006 | 0.394 |
| | | | | 0.020 | 0.014 | 0.24 |
| DZCT | | 1001 | 245 | 9664.44410 | -0.006 | -0.390 |
| | | | | 0.020 | 0.014 | 0.24 |
| GROUP: C020511.ASC ,obs#: 145 | | | | | | |
| DXCT | | 1002 | 245 | 19377.54390 | -0.006 | -0.437 |
| | | | | 0.019 | 0.013 | 0.26 |
| DYCT | | 1002 | 245 | -6634.06870 | -0.005 | -0.395 |
| | | | | 0.019 | 0.013 | 0.23 |
| DZCT | | 1002 | 245 | -8038.47320 | 0.005 | 0.391 |
| | | | | 0.019 | 0.013 | 0.23 |
| GROUP: C020511.ASC ,obs#: 146 | | | | | | |
| DXCT | | 1001 | 246 | 24962.03890 | 0.006 | 0.356 |
| | | | | 0.022 | 0.016 | 0.21 |
| DYCT | | 1001 | 246 | 762.10520 | 0.003 | 0.194 |
| | | | | 0.023 | 0.016 | 0.12 |
| DZCT | | 1001 | 246 | 8219.24300 | -0.009 | -0.559 |
| | | | | 0.023 | 0.016 | 0.34 |
| GROUP: C020511.ASC ,obs#: 147 | | | | | | |
| DXCT | | 1002 | 246 | 23577.08750 | -0.006 | -0.356 |
| | | | | 0.023 | 0.016 | 0.22 |
| DYCT | | 1002 | 246 | -7914.92180 | -0.003 | -0.195 |
| | | | | 0.023 | 0.016 | 0.12 |
| DZCT | | 1002 | 246 | -9483.68160 | 0.009 | 0.559 |
| | | | | 0.023 | 0.016 | 0.34 |
| GROUP: C020511.ASC ,obs#: 148 | | | | | | |
| DXCT | | 1001 | 247 | 18725.03670 | -0.000 | -0.010 |
| | | | | 0.016 | 0.010 | 0.00 |
| DYCT | | 1001 | 247 | -1657.17090 | -0.003 | -0.317 |
| | | | | 0.016 | 0.010 | 0.16 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1001 | 247 | 1721.03690 | 0.001 | 0.085 |
| | | | | 0.016 | 0.010 | 0.04 |
| GROUP: C020511.ASC ,obs#: 149 | | | | | | |
| DXCT | | 1002 | 247 | 17340.07370 | 0.000 | 0.009 |
| | | | | 0.022 | 0.018 | 0.01 |
| DYCT | | 1002 | 247 | -10334.21280 | 0.006 | 0.317 |
| | | | | 0.022 | 0.018 | 0.22 |
| DZCT | | 1002 | 247 | -15981.86750 | -0.001 | -0.084 |
| | | | | 0.022 | 0.018 | 0.06 |
| GROUP: C020511.ASC ,obs#: 150 | | | | | | |
| DXCT | | 1001 | 248 | 18876.10970 | 0.004 | 0.383 |
| | | | | 0.017 | 0.011 | 0.21 |
| DYCT | | 1001 | 248 | -141.61430 | 0.001 | 0.063 |
| | | | | 0.017 | 0.011 | 0.03 |
| DZCT | | 1001 | 248 | 4796.92780 | -0.001 | -0.062 |
| | | | | 0.017 | 0.011 | 0.03 |
| GROUP: C020511.ASC ,obs#: 151 | | | | | | |
| DXCT | | 1002 | 248 | 17491.15690 | -0.006 | -0.383 |
| | | | | 0.020 | 0.015 | 0.25 |
| DYCT | | 1002 | 248 | -8818.64590 | -0.001 | -0.062 |
| | | | | 0.020 | 0.015 | 0.04 |
| DZCT | | 1002 | 248 | -12905.98050 | 0.001 | 0.062 |
| | | | | 0.020 | 0.015 | 0.04 |
| GROUP: C020611.ASC ,obs#: 152 | | | | | | |
| DXCT | | 1003 | 1004 | -1376.49730 | 0.001 | 0.808 |
| | | | | 0.002 | 0.001 | 0.24 |
| DYCT | | 1003 | 1004 | 1106.23090 | -0.001 | -0.950 |
| | | | | 0.002 | 0.001 | 0.28 |
| DZCT | | 1003 | 1004 | 1841.32030 | -0.000 | -0.202 |
| | | | | 0.002 | 0.001 | 0.06 |
| GROUP: C020611.ASC ,obs#: 153 | | | | | | |
| DXCT | | 1003 | 249 | 7455.51950 | -0.000 | -0.066 |
| | | | | 0.007 | 0.005 | 0.04 |
| DYCT | | 1003 | 249 | 935.78780 | 0.002 | 0.456 |
| | | | | 0.007 | 0.005 | 0.27 |
| DZCT | | 1003 | 249 | 3769.83050 | -0.001 | -0.267 |
| | | | | 0.007 | 0.005 | 0.15 |
| GROUP: C020611.ASC ,obs#: 154 | | | | | | |
| DXCT | | 1004 | 249 | 8832.01550 | 0.000 | 0.067 |
| | | | | 0.008 | 0.006 | 0.04 |
| DYCT | | 1004 | 249 | -170.43760 | -0.003 | -0.456 |
| | | | | 0.008 | 0.006 | 0.28 |
| DZCT | | 1004 | 249 | 1928.50760 | 0.001 | 0.265 |
| | | | | 0.008 | 0.006 | 0.16 |
| GROUP: C020611.ASC ,obs#: 155 | | | | | | |
| DXCT | | 1003 | 250 | 7991.74500 | 0.000 | 0.105 |
| | | | | 0.007 | 0.005 | 0.06 |
| DYCT | | 1003 | 250 | 195.42490 | 0.000 | 0.100 |
| | | | | 0.007 | 0.005 | 0.06 |
| DZCT | | 1003 | 250 | 2438.67330 | -0.000 | -0.005 |
| | | | | 0.007 | 0.005 | 0.00 |
| GROUP: C020611.ASC ,obs#: 156 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1004 | 250 | 9368.24280 | -0.001 | -0.105 |
| | | | | 0.008 | 0.006 | 0.07 |
| DYCT | | 1004 | 250 | -910.80420 | -0.001 | -0.100 |
| | | | | 0.008 | 0.006 | 0.06 |
| DZCT | | 1004 | 250 | 597.35310 | 0.000 | 0.005 |
| | | | | 0.008 | 0.006 | 0.00 |
| GROUP: C020611.ASC ,obs#: 157 | | | | | | |
| DXCT | | 1003 | 251 | 8091.12120 | -0.006 | -1.191 |
| | | | | 0.008 | 0.005 | 0.63 |
| DYCT | | 1003 | 251 | -2589.07160 | 0.006 | 1.347 |
| | | | | 0.008 | 0.005 | 0.72 |
| DZCT | | 1003 | 251 | -3065.97820 | -0.000 | -0.097 |
| | | | | 0.008 | 0.005 | 0.05 |
| GROUP: C020611.ASC ,obs#: 158 | | | | | | |
| DXCT | | 1004 | 251 | 9467.60340 | 0.009 | 1.193 |
| | | | | 0.010 | 0.007 | 0.78 |
| DYCT | | 1004 | 251 | -3695.28530 | -0.010 | -1.348 |
| | | | | 0.010 | 0.007 | 0.89 |
| DZCT | | 1004 | 251 | -4907.29950 | 0.001 | 0.093 |
| | | | | 0.010 | 0.007 | 0.06 |
| GROUP: C020611.ASC ,obs#: 159 | | | | | | |
| DXCT | | 1003 | 252 | 9280.70940 | -0.002 | -0.359 |
| | | | | 0.010 | 0.006 | 0.19 |
| DYCT | | 1003 | 252 | -4335.28300 | -0.001 | -0.222 |
| | | | | 0.010 | 0.007 | 0.12 |
| DZCT | | 1003 | 252 | -6236.47360 | 0.006 | 0.851 |
| | | | | 0.010 | 0.007 | 0.46 |
| GROUP: C020611.ASC ,obs#: 160 | | | | | | |
| DXCT | | 1004 | 252 | 10657.20040 | 0.003 | 0.358 |
| | | | | 0.012 | 0.009 | 0.23 |
| DYCT | | 1004 | 252 | -5441.51670 | 0.002 | 0.220 |
| | | | | 0.012 | 0.009 | 0.14 |
| DZCT | | 1004 | 252 | -8077.78020 | -0.008 | -0.851 |
| | | | | 0.012 | 0.009 | 0.55 |
| GROUP: C020611.ASC ,obs#: 161 | | | | | | |
| DXCT | | 1003 | KVTX | -39652.46750 | -0.019 | -0.183 |
| | | | | 0.103 | 0.102 | 0.15 |
| DYCT | | 1003 | KVTX | 56541.35260 | -0.009 | -0.091 |
| | | | | 0.103 | 0.102 | 0.08 |
| DZCT | | 1003 | KVTX | 99474.09010 | -0.020 | -0.199 |
| | | | | 0.103 | 0.102 | 0.17 |
| GROUP: C020611.ASC ,obs#: 162 | | | | | | |
| DXCT | | 1004 | KVTX | -38275.97020 | -0.019 | -0.194 |
| | | | | 0.101 | 0.100 | 0.16 |
| DYCT | | 1004 | KVTX | 55435.12800 | -0.015 | -0.149 |
| | | | | 0.101 | 0.100 | 0.13 |
| DZCT | | 1004 | KVTX | 97632.77210 | -0.022 | -0.224 |
| | | | | 0.101 | 0.100 | 0.19 |
| GROUP: C020611.ASC ,obs#: 163 | | | | | | |
| DXCT | | 1003 | TXPR | -78182.95560 | -0.009 | -0.132 |
| | | | | 0.072 | 0.070 | 0.11 |
| DYCT | | 1003 | TXPR | -5690.33420 | -0.039 | -0.551 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.072 | 0.071 | 0.46 |
| DZCT | | 1003 | TXPR | -32700.16450 | 0.005 | 0.068 |
| | | | | 0.072 | 0.071 | 0.06 |
| GROUP: C020611.ASC ,obs#: 164 | | | | | | |
| DXCT | | 1004 | TXPR | -76806.45840 | -0.010 | -0.140 |
| | | | | 0.072 | 0.070 | 0.12 |
| DYCT | | 1004 | TXPR | -6796.55810 | -0.045 | -0.644 |
| | | | | 0.072 | 0.070 | 0.54 |
| DZCT | | 1004 | TXPR | -34541.48190 | 0.002 | 0.029 |
| | | | | 0.072 | 0.070 | 0.02 |
| GROUP: C020711.ASC ,obs#: 165 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.97700 | -0.014 | -0.851 |
| | | | | 0.017 | 0.017 | 0.72 |
| DYCT | | 1001 | 1002 | 8677.03510 | -0.002 | -0.111 |
| | | | | 0.017 | 0.017 | 0.09 |
| DZCT | | 1001 | 1002 | 17702.89890 | 0.008 | 0.465 |
| | | | | 0.017 | 0.017 | 0.39 |
| GROUP: C020711.ASC ,obs#: 166 | | | | | | |
| DXCT | | 1001 | 253 | 10033.95880 | -0.006 | -0.370 |
| | | | | 0.018 | 0.017 | 0.29 |
| DYCT | | 1001 | 253 | 7344.52320 | 0.016 | 0.971 |
| | | | | 0.018 | 0.017 | 0.77 |
| DZCT | | 1001 | 253 | 17380.54680 | 0.000 | 0.015 |
| | | | | 0.018 | 0.017 | 0.01 |
| GROUP: C020711.ASC ,obs#: 167 | | | | | | |
| DXCT | | 1002 | 253 | 8648.98880 | 0.001 | 0.370 |
| | | | | 0.007 | 0.003 | 0.12 |
| DYCT | | 1002 | 253 | -1332.49090 | -0.003 | -0.971 |
| | | | | 0.007 | 0.003 | 0.31 |
| DZCT | | 1002 | 253 | -322.35960 | -0.000 | -0.016 |
| | | | | 0.007 | 0.003 | 0.01 |
| GROUP: C020711.ASC ,obs#: 168 | | | | | | |
| DXCT | | 1001 | 254 | 6683.55130 | -0.014 | -0.956 |
| | | | | 0.016 | 0.015 | 0.77 |
| DYCT | | 1001 | 254 | 7055.07340 | 0.010 | 0.645 |
| | | | | 0.016 | 0.015 | 0.53 |
| DZCT | | 1001 | 254 | 15906.89780 | 0.007 | 0.487 |
| | | | | 0.016 | 0.015 | 0.40 |
| GROUP: C020711.ASC ,obs#: 169 | | | | | | |
| DXCT | | 1002 | 254 | 5298.57270 | 0.001 | 0.956 |
| | | | | 0.005 | 0.001 | 0.24 |
| DYCT | | 1002 | 254 | -1621.94900 | -0.001 | -0.635 |
| | | | | 0.005 | 0.002 | 0.17 |
| DZCT | | 1002 | 254 | -1796.00070 | -0.001 | -0.480 |
| | | | | 0.005 | 0.002 | 0.13 |
| GROUP: C020711.ASC ,obs#: 170 | | | | | | |
| DXCT | | 1001 | 255 | 5290.12660 | -0.012 | -1.157 |
| | | | | 0.012 | 0.011 | 0.87 |
| DYCT | | 1001 | 255 | 5356.58690 | 0.003 | 0.246 |
| | | | | 0.012 | 0.011 | 0.18 |
| DZCT | | 1001 | 255 | 12145.85730 | 0.021 | 1.995 |
| | | | | 0.012 | 0.011 | 1.49 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C020711.ASC ,obs#: 171 | | | | | | |
| DXCT | | 1002 | 255 | 3905.14800 | 0.003 | 1.162 |
| | | | | 0.006 | 0.003 | 0.46 |
| DYCT | | 1002 | 255 | -3320.44300 | -0.001 | -0.230 |
| | | | | 0.006 | 0.003 | 0.09 |
| DZCT | | 1002 | 255 | -5557.02200 | -0.006 | -1.996 |
| | | | | 0.006 | 0.003 | 0.80 |
| GROUP: C020711.ASC ,obs#: 172 | | | | | | |
| DXCT | | 1001 | 256 | 4836.70160 | -0.006 | -1.308 |
| | | | | 0.008 | 0.004 | 0.65 |
| DYCT | | 1001 | 256 | 2885.09580 | 0.003 | 0.630 |
| | | | | 0.008 | 0.005 | 0.31 |
| DZCT | | 1001 | 256 | 7088.59490 | 0.002 | 0.456 |
| | | | | 0.008 | 0.004 | 0.23 |
| GROUP: C020711.ASC ,obs#: 173 | | | | | | |
| DXCT | | 1002 | 256 | 3451.72170 | 0.011 | 1.308 |
| | | | | 0.011 | 0.009 | 0.90 |
| DYCT | | 1002 | 256 | -5791.92910 | -0.005 | -0.631 |
| | | | | 0.011 | 0.009 | 0.44 |
| DZCT | | 1002 | 256 | -10614.30580 | -0.004 | -0.457 |
| | | | | 0.011 | 0.009 | 0.31 |
| GROUP: C020711.ASC ,obs#: 174 | | | | | | |
| DXCT | | 1001 | 257 | 11183.68860 | -0.003 | -0.285 |
| | | | | 0.013 | 0.009 | 0.18 |
| DYCT | | 1001 | 257 | 3146.17600 | 0.000 | 0.048 |
| | | | | 0.013 | 0.009 | 0.03 |
| DZCT | | 1001 | 257 | 9316.67550 | 0.015 | 1.644 |
| | | | | 0.013 | 0.009 | 1.02 |
| GROUP: C020711.ASC ,obs#: 175 | | | | | | |
| DXCT | | 1002 | 257 | 9798.72090 | 0.002 | 0.285 |
| | | | | 0.012 | 0.008 | 0.17 |
| DYCT | | 1002 | 257 | -5530.85640 | -0.000 | -0.045 |
| | | | | 0.012 | 0.008 | 0.03 |
| DZCT | | 1002 | 257 | -8386.20260 | -0.013 | -1.643 |
| | | | | 0.012 | 0.008 | 0.96 |
| GROUP: C020711.ASC ,obs#: 176 | | | | | | |
| DXCT | | 1001 | 258 | 15426.46040 | -0.008 | -0.595 |
| | | | | 0.018 | 0.014 | 0.41 |
| DYCT | | 1001 | 258 | 4429.09680 | -0.000 | -0.026 |
| | | | | 0.018 | 0.014 | 0.02 |
| DZCT | | 1001 | 258 | 13011.58350 | 0.008 | 0.596 |
| | | | | 0.018 | 0.014 | 0.41 |
| GROUP: C020711.ASC ,obs#: 177 | | | | | | |
| DXCT | | 1002 | 258 | 14041.48460 | 0.005 | 0.596 |
| | | | | 0.013 | 0.008 | 0.30 |
| DYCT | | 1002 | 258 | -4247.93700 | 0.000 | 0.026 |
| | | | | 0.013 | 0.008 | 0.01 |
| DZCT | | 1002 | 258 | -4691.31010 | -0.005 | -0.597 |
| | | | | 0.013 | 0.008 | 0.30 |
| GROUP: C020711.ASC ,obs#: 178 | | | | | | |
| DXCT | | 1001 | 259 | 19670.02980 | -0.008 | -0.526 |
| | | | | 0.019 | 0.015 | 0.33 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1001 | 259 | 2923.49120 | -0.008 | -0.549 |
| | | | | 0.020 | 0.015 | 0.35 |
| DZCT | | 1001 | 259 | 11133.65050 | 0.007 | 0.512 |
| | | | | 0.020 | 0.015 | 0.33 |
| GROUP: C020711.ASC ,obs#: 179 | | | | | | |
| DXCT | | 1002 | 259 | 18285.05340 | 0.006 | 0.526 |
| | | | | 0.017 | 0.011 | 0.30 |
| DYCT | | 1002 | 259 | -5753.55640 | 0.006 | 0.549 |
| | | | | 0.017 | 0.012 | 0.31 |
| DZCT | | 1002 | 259 | -6569.24280 | -0.006 | -0.513 |
| | | | | 0.017 | 0.012 | 0.29 |
| GROUP: C020711.ASC ,obs#: 180 | | | | | | |
| DXCT | | 1001 | 260 | 18189.18790 | -0.002 | -0.142 |
| | | | | 0.017 | 0.013 | 0.09 |
| DYCT | | 1001 | 260 | 2159.97920 | 0.005 | 0.434 |
| | | | | 0.018 | 0.013 | 0.27 |
| DZCT | | 1001 | 260 | 9215.13530 | -0.011 | -0.872 |
| | | | | 0.018 | 0.013 | 0.53 |
| GROUP: C020711.ASC ,obs#: 181 | | | | | | |
| DXCT | | 1002 | 260 | 16804.22170 | 0.002 | 0.142 |
| | | | | 0.017 | 0.012 | 0.08 |
| DYCT | | 1002 | 260 | -6517.04340 | -0.005 | -0.434 |
| | | | | 0.017 | 0.012 | 0.26 |
| DZCT | | 1002 | 260 | -8487.79270 | 0.010 | 0.872 |
| | | | | 0.017 | 0.012 | 0.52 |
| GROUP: C020711.ASC ,obs#: 182 | | | | | | |
| DXCT | | 1001 | 261 | 18025.29580 | -0.006 | -0.531 |
| | | | | 0.017 | 0.011 | 0.31 |
| DYCT | | 1001 | 261 | 1202.54680 | 0.004 | 0.351 |
| | | | | 0.017 | 0.011 | 0.21 |
| DZCT | | 1001 | 261 | 7258.37170 | 0.000 | 0.020 |
| | | | | 0.017 | 0.011 | 0.01 |
| GROUP: C020711.ASC ,obs#: 183 | | | | | | |
| DXCT | | 1002 | 261 | 16640.32010 | 0.007 | 0.531 |
| | | | | 0.018 | 0.013 | 0.33 |
| DYCT | | 1002 | 261 | -7474.47780 | -0.005 | -0.352 |
| | | | | 0.018 | 0.013 | 0.22 |
| DZCT | | 1002 | 261 | -10444.53450 | -0.000 | -0.021 |
| | | | | 0.018 | 0.013 | 0.01 |
| GROUP: C020711.ASC ,obs#: 184 | | | | | | |
| DXCT | | 1001 | 262 | 14033.50470 | -0.004 | -0.498 |
| | | | | 0.013 | 0.008 | 0.25 |
| DYCT | | 1001 | 262 | 557.01660 | -0.013 | -1.745 |
| | | | | 0.013 | 0.008 | 0.89 |
| DZCT | | 1001 | 262 | 4903.16040 | 0.003 | 0.356 |
| | | | | 0.013 | 0.008 | 0.18 |
| GROUP: C020711.ASC ,obs#: 185 | | | | | | |
| DXCT | | 1002 | 262 | 12648.53140 | 0.007 | 0.504 |
| | | | | 0.017 | 0.013 | 0.34 |
| DYCT | | 1002 | 262 | -8120.05380 | 0.024 | 1.748 |
| | | | | 0.017 | 0.014 | 1.21 |
| DZCT | | 1002 | 262 | -12799.73870 | -0.005 | -0.364 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.017 | 0.013 | 0.25 |
| GROUP: C012511.ASC ,obs#: 186 | | | | | | |
| DXCT | | 101 | 102 | 16156.33120 | 0.005 | 0.356 |
| | | | | 0.014 | 0.014 | 0.30 |
| DYCT | | 101 | 102 | -3556.99420 | 0.011 | 0.770 |
| | | | | 0.014 | 0.014 | 0.64 |
| DZCT | | 101 | 102 | -2515.94890 | -0.002 | -0.177 |
| | | | | 0.014 | 0.014 | 0.15 |
| GROUP: C012511.ASC ,obs#: 187 | | | | | | |
| DXCT | | 101 | 103 | -1751.26880 | 0.013 | 0.983 |
| | | | | 0.014 | 0.014 | 0.80 |
| DYCT | | 101 | 103 | 7709.43090 | 0.012 | 0.870 |
| | | | | 0.014 | 0.014 | 0.71 |
| DZCT | | 101 | 103 | 14763.10620 | -0.004 | -0.257 |
| | | | | 0.014 | 0.014 | 0.21 |
| GROUP: C012511.ASC ,obs#: 188 | | | | | | |
| DXCT | | 102 | 103 | -17907.60100 | 0.009 | 0.413 |
| | | | | 0.023 | 0.023 | 0.34 |
| DYCT | | 102 | 103 | 11266.42640 | -0.000 | -0.005 |
| | | | | 0.023 | 0.023 | 0.00 |
| DZCT | | 102 | 103 | 17279.05940 | -0.005 | -0.234 |
| | | | | 0.023 | 0.023 | 0.20 |
| GROUP: C012511.ASC ,obs#: 189 | | | | | | |
| DXCT | | 101 | 25R B | 15931.81990 | 0.005 | 0.328 |
| | | | | 0.014 | 0.014 | 0.27 |
| DYCT | | 101 | 25R B | -3829.38500 | -0.001 | -0.068 |
| | | | | 0.014 | 0.014 | 0.06 |
| DZCT | | 101 | 25R B | -3126.83510 | -0.013 | -0.962 |
| | | | | 0.014 | 0.014 | 0.81 |
| GROUP: C012511.ASC ,obs#: 190 | | | | | | |
| DXCT | | 102 | 25R B | -224.51170 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.02 |
| DYCT | | 102 | 25R B | -272.40250 | -0.000 | -0.038 |
| | | | | 0.001 | 0.000 | 0.01 |
| DZCT | | 102 | 25R B | -610.89720 | 0.000 | 0.228 |
| | | | | 0.001 | 0.000 | 0.06 |
| GROUP: C012511.ASC ,obs#: 191 | | | | | | |
| DXCT | | 101 | U 630 RESET | 12246.16230 | 0.003 | 0.341 |
| | | | | 0.014 | 0.010 | 0.21 |
| DYCT | | 101 | U 630 RESET | 3406.47360 | 0.007 | 0.650 |
| | | | | 0.014 | 0.010 | 0.41 |
| DZCT | | 101 | U 630 RESET | 10199.79420 | -0.002 | -0.222 |
| | | | | 0.014 | 0.010 | 0.14 |
| GROUP: C012511.ASC ,obs#: 192 | | | | | | |
| DXCT | | 102 | U 630 RESET | -3910.16750 | -0.003 | -0.340 |
| | | | | 0.013 | 0.009 | 0.19 |
| DYCT | | 102 | U 630 RESET | 6963.46940 | -0.006 | -0.649 |
| | | | | 0.013 | 0.009 | 0.38 |
| DZCT | | 102 | U 630 RESET | 12715.74140 | 0.002 | 0.218 |
| | | | | 0.013 | 0.009 | 0.13 |
| GROUP: C012611.ASC ,obs#: 193 | | | | | | |
| DXCT | | 101 | 1 | 11398.23140 | 0.006 | 0.619 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.014 | 0.010 | 0.37 |
| DYCT | | 101 | 1 | 3619.47420 | 0.014 | 1.444 |
| | | | | 0.014 | 0.010 | 0.88 |
| DZCT | | 101 | 1 | 10382.66300 | -0.009 | -0.916 |
| | | | | 0.014 | 0.010 | 0.56 |
| GROUP: C012611.ASC ,obs#: 194 | | | | | | |
| DXCT | | 102 | 1 | -4758.09320 | -0.006 | -0.619 |
| | | | | 0.013 | 0.009 | 0.37 |
| DYCT | | 102 | 1 | 7176.48500 | -0.013 | -1.445 |
| | | | | 0.013 | 0.009 | 0.86 |
| DZCT | | 102 | 1 | 12898.59710 | 0.008 | 0.918 |
| | | | | 0.013 | 0.009 | 0.55 |
| GROUP: C012611.ASC ,obs#: 195 | | | | | | |
| DXCT | | 101 | 102 | 16156.32920 | 0.007 | 0.500 |
| | | | | 0.014 | 0.014 | 0.42 |
| DYCT | | 101 | 102 | -3557.00130 | 0.018 | 1.279 |
| | | | | 0.014 | 0.014 | 1.07 |
| DZCT | | 101 | 102 | -2515.94700 | -0.004 | -0.313 |
| | | | | 0.014 | 0.014 | 0.26 |
| GROUP: C012611.ASC ,obs#: 196 | | | | | | |
| DXCT | | 101 | 2 | 15870.40200 | 0.000 | 0.020 |
| | | | | 0.016 | 0.013 | 0.01 |
| DYCT | | 101 | 2 | 2170.77870 | 0.006 | 0.485 |
| | | | | 0.016 | 0.013 | 0.34 |
| DZCT | | 101 | 2 | 8768.37950 | 0.003 | 0.251 |
| | | | | 0.016 | 0.013 | 0.17 |
| GROUP: C012611.ASC ,obs#: 197 | | | | | | |
| DXCT | | 102 | 2 | -285.93380 | -0.000 | -0.019 |
| | | | | 0.011 | 0.006 | 0.01 |
| DYCT | | 102 | 2 | 5727.77130 | -0.003 | -0.487 |
| | | | | 0.011 | 0.006 | 0.23 |
| DZCT | | 102 | 2 | 11284.33560 | -0.002 | -0.254 |
| | | | | 0.011 | 0.006 | 0.12 |
| GROUP: C012611.ASC ,obs#: 198 | | | | | | |
| DXCT | | 101 | 3 | 15921.39610 | 0.008 | 0.599 |
| | | | | 0.014 | 0.013 | 0.45 |
| DYCT | | 101 | 3 | -43.91310 | 0.010 | 0.751 |
| | | | | 0.014 | 0.013 | 0.58 |
| DZCT | | 101 | 3 | 4406.66000 | 0.017 | 1.353 |
| | | | | 0.014 | 0.013 | 1.03 |
| GROUP: C012611.ASC ,obs#: 199 | | | | | | |
| DXCT | | 102 | 3 | -234.93090 | -0.002 | -0.599 |
| | | | | 0.007 | 0.003 | 0.21 |
| DYCT | | 102 | 3 | 3513.08200 | -0.002 | -0.753 |
| | | | | 0.007 | 0.003 | 0.27 |
| DZCT | | 102 | 3 | 6922.63210 | -0.004 | -1.355 |
| | | | | 0.007 | 0.003 | 0.48 |
| GROUP: C012611.ASC ,obs#: 200 | | | | | | |
| DXCT | | 101 | E 630 RESET | -5381.00540 | 0.000 | 0.024 |
| | | | | 0.018 | 0.010 | 0.01 |
| DYCT | | 101 | E 630 RESET | 9642.33980 | 0.002 | 0.225 |
| | | | | 0.018 | 0.010 | 0.10 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 101 | E 630 RESET | 17549.95180 | -0.000 | -0.046 |
| | | | | 0.018 | 0.010 | 0.02 |
| GROUP: C012611.ASC ,obs#: 201 | | | | | | |
| DXCT | | 102 | E 630 RESET | -21537.34080 | -0.001 | -0.024 |
| | | | | 0.027 | 0.023 | 0.02 |
| DYCT | | 102 | E 630 RESET | 13199.33060 | -0.005 | -0.225 |
| | | | | 0.028 | 0.023 | 0.16 |
| DZCT | | 102 | E 630 RESET | 20065.90170 | 0.001 | 0.045 |
| | | | | 0.027 | 0.023 | 0.03 |
| GROUP: C012611.ASC ,obs#: 202 | | | | | | |
| DXCT | | 101 | R 630 RESET | 8465.47460 | 0.005 | 0.582 |
| | | | | 0.013 | 0.008 | 0.32 |
| DYCT | | 101 | R 630 RESET | 4822.56540 | 0.010 | 1.179 |
| | | | | 0.013 | 0.008 | 0.64 |
| DZCT | | 101 | R 630 RESET | 11934.09700 | -0.003 | -0.316 |
| | | | | 0.013 | 0.008 | 0.17 |
| GROUP: C012611.ASC ,obs#: 203 | | | | | | |
| DXCT | | 102 | R 630 RESET | -7690.84980 | -0.007 | -0.581 |
| | | | | 0.016 | 0.012 | 0.38 |
| DYCT | | 102 | R 630 RESET | 8379.57280 | -0.014 | -1.177 |
| | | | | 0.016 | 0.012 | 0.76 |
| DZCT | | 102 | R 630 RESET | 14450.04200 | 0.004 | 0.313 |
| | | | | 0.016 | 0.012 | 0.20 |
| GROUP: C012711.ASC ,obs#: 204 | | | | | | |
| DXCT | | 101 | 10 | 17336.03830 | 0.004 | 0.254 |
| | | | | 0.018 | 0.017 | 0.20 |
| DYCT | | 101 | 10 | -7135.50600 | -0.030 | -1.829 |
| | | | | 0.018 | 0.017 | 1.45 |
| DZCT | | 101 | 10 | -9297.33280 | -0.021 | -1.262 |
| | | | | 0.018 | 0.017 | 1.00 |
| GROUP: C012711.ASC ,obs#: 205 | | | | | | |
| DXCT | | 102 | 10 | 1179.70690 | -0.001 | -0.253 |
| | | | | 0.007 | 0.002 | 0.07 |
| DYCT | | 102 | 10 | -3578.55710 | 0.004 | 1.821 |
| | | | | 0.007 | 0.002 | 0.54 |
| DZCT | | 102 | 10 | -6781.40520 | 0.003 | 1.251 |
| | | | | 0.007 | 0.002 | 0.37 |
| GROUP: C012711.ASC ,obs#: 206 | | | | | | |
| DXCT | | 101 | 102 | 16156.33450 | 0.002 | 0.120 |
| | | | | 0.014 | 0.014 | 0.10 |
| DYCT | | 101 | 102 | -3556.96930 | -0.014 | -1.013 |
| | | | | 0.014 | 0.014 | 0.84 |
| DZCT | | 101 | 102 | -2515.95730 | 0.006 | 0.425 |
| | | | | 0.014 | 0.014 | 0.35 |
| GROUP: C012711.ASC ,obs#: 207 | | | | | | |
| DXCT | | 101 | 11 | 14028.88620 | -0.004 | -0.325 |
| | | | | 0.015 | 0.013 | 0.26 |
| DYCT | | 101 | 11 | -5840.00740 | -0.049 | -3.570 |
| | | | | 0.015 | 0.014 | 2.86 |
| DZCT | | 101 | 11 | -7663.00550 | -0.005 | -0.396 |
| | | | | 0.015 | 0.014 | 0.31 |
| GROUP: C012711.ASC ,obs#: 208 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 102 | 11 | -2127.45490 | 0.001 | 0.331 |
| | | | | 0.005 | 0.002 | 0.09 |
| DYCT | | 102 | 11 | -2283.07880 | 0.006 | 3.567 |
| | | | | 0.005 | 0.002 | 1.03 |
| DZCT | | 102 | 11 | -5147.06010 | 0.001 | 0.370 |
| | | | | 0.005 | 0.002 | 0.10 |
| GROUP: C012711.ASC ,obs#: 209 | | | | | | |
| DXCT | | 101 | 12 | 15182.71310 | 0.010 | 0.755 |
| | | | | 0.014 | 0.013 | 0.63 |
| DYCT | | 101 | 12 | -3525.03480 | -0.039 | -2.883 |
| | | | | 0.014 | 0.013 | 2.44 |
| DZCT | | 101 | 12 | -2723.34870 | 0.017 | 1.314 |
| | | | | 0.014 | 0.013 | 1.10 |
| GROUP: C012711.ASC ,obs#: 210 | | | | | | |
| DXCT | | 102 | 12 | -973.61310 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.03 |
| DYCT | | 102 | 12 | 31.90980 | 0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.28 |
| DZCT | | 102 | 12 | -207.37990 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.10 |
| GROUP: C012711.ASC ,obs#: 211 | | | | | | |
| DXCT | | 101 | 13 | 15525.52580 | 0.010 | 0.844 |
| | | | | 0.014 | 0.012 | 0.66 |
| DYCT | | 101 | 13 | -747.88620 | -0.019 | -1.499 |
| | | | | 0.014 | 0.013 | 1.23 |
| DZCT | | 101 | 13 | 2889.08430 | 0.024 | 1.929 |
| | | | | 0.014 | 0.012 | 1.51 |
| GROUP: C012711.ASC ,obs#: 212 | | | | | | |
| DXCT | | 102 | 13 | -630.79840 | -0.002 | -0.839 |
| | | | | 0.005 | 0.002 | 0.25 |
| DYCT | | 102 | 13 | 2809.07470 | 0.003 | 1.511 |
| | | | | 0.006 | 0.002 | 0.50 |
| DZCT | | 102 | 13 | 5405.06310 | -0.004 | -1.941 |
| | | | | 0.005 | 0.002 | 0.59 |
| GROUP: C012711.ASC ,obs#: 213 | | | | | | |
| DXCT | | 101 | 4 | 2159.30050 | -0.000 | -0.737 |
| | | | | 0.002 | 0.000 | 0.10 |
| DYCT | | 101 | 4 | -470.13050 | -0.000 | -0.676 |
| | | | | 0.002 | 0.000 | 0.11 |
| DZCT | | 101 | 4 | -321.58260 | 0.000 | 0.372 |
| | | | | 0.002 | 0.000 | 0.05 |
| GROUP: C012711.ASC ,obs#: 214 | | | | | | |
| DXCT | | 102 | 4 | -13997.04430 | 0.008 | 0.708 |
| | | | | 0.012 | 0.012 | 0.58 |
| DYCT | | 102 | 4 | 3086.84510 | 0.008 | 0.636 |
| | | | | 0.012 | 0.012 | 0.52 |
| DZCT | | 102 | 4 | 2194.37260 | -0.004 | -0.313 |
| | | | | 0.012 | 0.012 | 0.26 |
| GROUP: C012711.ASC ,obs#: 215 | | | | | | |
| DXCT | | 101 | 5 | 8415.23560 | -0.017 | -3.187 |
| | | | | 0.007 | 0.005 | 1.92 |
| DYCT | | 101 | 5 | -1823.72950 | 0.013 | 2.382 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.008 | 0.005 | 1.46 |
| DZCT | | 101 | 5 | -1251.65800 | -0.004 | -0.833 |
| | | | | 0.007 | 0.005 | 0.50 |
| GROUP: C012711.ASC ,obs#: 216 | | | | | | |
| DXCT | | 102 | 5 | -7741.13150 | 0.014 | 3.193 |
| | | | | 0.007 | 0.004 | 1.77 |
| DYCT | | 102 | 5 | 1733.27740 | -0.011 | -2.386 |
| | | | | 0.007 | 0.005 | 1.34 |
| DZCT | | 102 | 5 | 1264.28530 | 0.004 | 0.827 |
| | | | | 0.007 | 0.004 | 0.46 |
| GROUP: C012711.ASC ,obs#: 217 | | | | | | |
| DXCT | | 101 | 6 | 21590.51540 | 0.008 | 0.453 |
| | | | | 0.019 | 0.018 | 0.37 |
| DYCT | | 101 | 6 | -4668.29360 | -0.036 | -1.987 |
| | | | | 0.019 | 0.018 | 1.63 |
| DZCT | | 101 | 6 | -3188.41830 | 0.018 | 1.002 |
| | | | | 0.019 | 0.018 | 0.82 |
| GROUP: C012711.ASC ,obs#: 218 | | | | | | |
| DXCT | | 102 | 6 | 5434.18800 | -0.001 | -0.438 |
| | | | | 0.005 | 0.001 | 0.09 |
| DYCT | | 102 | 6 | -1111.34890 | 0.002 | 1.999 |
| | | | | 0.005 | 0.001 | 0.42 |
| DZCT | | 102 | 6 | -672.44740 | -0.001 | -1.029 |
| | | | | 0.005 | 0.001 | 0.22 |
| GROUP: C012711.ASC ,obs#: 219 | | | | | | |
| DXCT | | 101 | 7 | 27016.83680 | 0.004 | 0.173 |
| | | | | 0.024 | 0.022 | 0.14 |
| DYCT | | 101 | 7 | -5273.43330 | -0.018 | -0.819 |
| | | | | 0.024 | 0.022 | 0.65 |
| DZCT | | 101 | 7 | -2876.00740 | 0.005 | 0.211 |
| | | | | 0.024 | 0.022 | 0.17 |
| GROUP: C012711.ASC ,obs#: 220 | | | | | | |
| DXCT | | 102 | 7 | 10860.50500 | -0.001 | -0.174 |
| | | | | 0.009 | 0.003 | 0.05 |
| DYCT | | 102 | 7 | -1716.47060 | 0.003 | 0.819 |
| | | | | 0.009 | 0.003 | 0.26 |
| DZCT | | 102 | 7 | -360.05070 | -0.001 | -0.210 |
| | | | | 0.009 | 0.003 | 0.07 |
| GROUP: C012711.ASC ,obs#: 221 | | | | | | |
| DXCT | | 101 | 8 | 28037.61900 | -0.006 | -0.295 |
| | | | | 0.024 | 0.022 | 0.23 |
| DYCT | | 101 | 8 | -3101.09330 | -0.012 | -0.537 |
| | | | | 0.024 | 0.022 | 0.42 |
| DZCT | | 101 | 8 | 1720.70260 | 0.007 | 0.321 |
| | | | | 0.024 | 0.022 | 0.25 |
| GROUP: C012711.ASC ,obs#: 222 | | | | | | |
| DXCT | | 102 | 8 | 11881.27510 | 0.001 | 0.295 |
| | | | | 0.011 | 0.004 | 0.10 |
| DYCT | | 102 | 8 | 455.87600 | 0.002 | 0.537 |
| | | | | 0.011 | 0.004 | 0.19 |
| DZCT | | 102 | 8 | 4236.66240 | -0.001 | -0.321 |
| | | | | 0.011 | 0.004 | 0.11 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C012711.ASC ,obs#: 223 | | | | | | |
| DXCT | | 101 | 9 | 24496.16690 | 0.001 | 0.064 |
| | | | | 0.024 | 0.022 | 0.05 |
| DYCT | | 101 | 9 | -8943.17840 | -0.012 | -0.538 |
| | | | | 0.024 | 0.022 | 0.41 |
| DZCT | | 101 | 9 | -10903.37880 | 0.023 | 1.071 |
| | | | | 0.024 | 0.022 | 0.82 |
| GROUP: C012711.ASC ,obs#: 224 | | | | | | |
| DXCT | | 102 | 9 | 8339.83240 | -0.000 | -0.062 |
| | | | | 0.011 | 0.005 | 0.02 |
| DYCT | | 102 | 9 | -5386.20920 | 0.003 | 0.542 |
| | | | | 0.011 | 0.005 | 0.19 |
| DZCT | | 102 | 9 | -8387.39920 | -0.005 | -1.072 |
| | | | | 0.011 | 0.005 | 0.38 |
| GROUP: C012711.ASC ,obs#: 225 | | | | | | |
| DXCT | | 102 | KVTX | 30228.28730 | -0.017 | -0.163 |
| | | | | 0.105 | 0.105 | 0.14 |
| DYCT | | 102 | KVTX | 51474.64600 | -0.134 | -1.272 |
| | | | | 0.105 | 0.105 | 1.08 |
| DZCT | | 102 | KVTX | 108315.59020 | 0.045 | 0.424 |
| | | | | 0.105 | 0.105 | 0.36 |
| GROUP: C012711.ASC ,obs#: 226 | | | | | | |
| DXCT | | 101 | KVTX | 46384.62330 | -0.017 | -0.160 |
| | | | | 0.106 | 0.106 | 0.14 |
| DYCT | | 101 | KVTX | 47917.69040 | -0.162 | -1.520 |
| | | | | 0.107 | 0.106 | 1.29 |
| DZCT | | 101 | KVTX | 105799.63120 | 0.052 | 0.491 |
| | | | | 0.106 | 0.106 | 0.42 |
| GROUP: C012711.ASC ,obs#: 227 | | | | | | |
| DXCT | | 101 | TXLR | -105735.59720 | 0.001 | 0.010 |
| | | | | 0.139 | 0.139 | 0.01 |
| DYCT | | 101 | TXLR | 69348.52760 | -0.025 | -0.183 |
| | | | | 0.139 | 0.139 | 0.16 |
| DZCT | | 101 | TXLR | 102700.88210 | -0.003 | -0.024 |
| | | | | 0.139 | 0.139 | 0.02 |
| GROUP: C012711.ASC ,obs#: 228 | | | | | | |
| DXCT | | 102 | TXLR | -121891.93130 | -0.001 | -0.005 |
| | | | | 0.151 | 0.150 | 0.00 |
| DYCT | | 102 | TXLR | 72905.49660 | -0.011 | -0.073 |
| | | | | 0.151 | 0.151 | 0.06 |
| DZCT | | 102 | TXLR | 105216.83960 | -0.010 | -0.063 |
| | | | | 0.151 | 0.150 | 0.05 |
| GROUP: C012711.ASC ,obs#: 229 | | | | | | |
| DXCT | | 101 | TXPR | 7854.11940 | 0.008 | 0.313 |
| | | | | 0.026 | 0.026 | 0.26 |
| DYCT | | 101 | TXPR | -14314.18710 | -0.001 | -0.031 |
| | | | | 0.026 | 0.026 | 0.03 |
| DZCT | | 101 | TXPR | -26374.54090 | -0.005 | -0.198 |
| | | | | 0.026 | 0.026 | 0.17 |
| GROUP: C012711.ASC ,obs#: 230 | | | | | | |
| DXCT | | 102 | TXPR | -8302.21500 | 0.006 | 0.275 |
| | | | | 0.023 | 0.023 | 0.23 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 102 | TXPR | -10757.21900 | 0.015 | 0.623 |
| | | | | 0.023 | 0.023 | 0.53 |
| DZCT | | 102 | TXPR | -23858.58320 | -0.012 | -0.495 |
| | | | | 0.023 | 0.023 | 0.42 |
| GROUP: C012811.ASC ,obs#: 231 | | | | | | |
| DXCT | | 102 | 14 | 9331.75700 | -0.001 | -0.192 |
| | | | | 0.011 | 0.005 | 0.08 |
| DYCT | | 102 | 14 | -5221.15730 | -0.004 | -0.689 |
| | | | | 0.011 | 0.005 | 0.28 |
| DZCT | | 102 | 14 | -7775.98920 | 0.000 | 0.073 |
| | | | | 0.011 | 0.005 | 0.03 |
| GROUP: C012811.ASC ,obs#: 232 | | | | | | |
| DXCT | | TXPR | 14 | 17633.96110 | 0.003 | 0.191 |
| | | | | 0.021 | 0.018 | 0.14 |
| DYCT | | TXPR | 14 | 5536.03080 | 0.013 | 0.689 |
| | | | | 0.021 | 0.018 | 0.52 |
| DZCT | | TXPR | 14 | 16082.60720 | -0.001 | -0.071 |
| | | | | 0.021 | 0.018 | 0.05 |
| GROUP: C012811.ASC ,obs#: 233 | | | | | | |
| DXCT | | 102 | 15 | 14910.48560 | 0.001 | 0.153 |
| | | | | 0.015 | 0.007 | 0.07 |
| DYCT | | 102 | 15 | -5325.18460 | 0.003 | 0.425 |
| | | | | 0.015 | 0.008 | 0.19 |
| DZCT | | 102 | 15 | -6421.37740 | -0.001 | -0.142 |
| | | | | 0.015 | 0.007 | 0.06 |
| GROUP: C012811.ASC ,obs#: 234 | | | | | | |
| DXCT | | TXPR | 15 | 23212.69860 | -0.003 | -0.151 |
| | | | | 0.025 | 0.022 | 0.11 |
| DYCT | | TXPR | 15 | 5432.03230 | -0.009 | -0.424 |
| | | | | 0.025 | 0.022 | 0.31 |
| DZCT | | TXPR | 15 | 17437.21330 | 0.003 | 0.137 |
| | | | | 0.025 | 0.022 | 0.10 |
| GROUP: C012811.ASC ,obs#: 235 | | | | | | |
| DXCT | | 102 | 16 | 16158.99270 | 0.001 | 0.166 |
| | | | | 0.014 | 0.007 | 0.06 |
| DYCT | | 102 | 16 | -3722.82830 | 0.001 | 0.172 |
| | | | | 0.015 | 0.007 | 0.07 |
| DZCT | | 102 | 16 | -2881.29450 | -0.000 | -0.020 |
| | | | | 0.014 | 0.007 | 0.01 |
| GROUP: C012811.ASC ,obs#: 236 | | | | | | |
| DXCT | | TXPR | 16 | 24461.20650 | -0.004 | -0.165 |
| | | | | 0.028 | 0.025 | 0.12 |
| DYCT | | TXPR | 16 | 7034.38160 | -0.004 | -0.172 |
| | | | | 0.028 | 0.025 | 0.13 |
| DZCT | | TXPR | 16 | 20977.29960 | 0.000 | 0.019 |
| | | | | 0.028 | 0.025 | 0.01 |
| GROUP: C012811.ASC ,obs#: 237 | | | | | | |
| DXCT | | 102 | 17 | 23779.71350 | 0.002 | 0.147 |
| | | | | 0.022 | 0.012 | 0.07 |
| DYCT | | 102 | 17 | -6470.16840 | -0.000 | -0.009 |
| | | | | 0.022 | 0.012 | 0.00 |
| DZCT | | 102 | 17 | -6253.27590 | -0.003 | -0.265 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.022 | 0.012 | 0.13 |
| GROUP: C012811.ASC ,obs#: 238 | | | | | | |
| DXCT | | TXPR | 17 | 32081.92770 | -0.004 | -0.147 |
| | | | | 0.031 | 0.026 | 0.10 |
| DYCT | | TXPR | 17 | 4287.03570 | 0.000 | 0.010 |
| | | | | 0.031 | 0.026 | 0.01 |
| DZCT | | TXPR | 17 | 17605.30870 | 0.007 | 0.265 |
| | | | | 0.031 | 0.026 | 0.19 |
| GROUP: C012811.ASC ,obs#: 239 | | | | | | |
| DXCT | | 102 | 18 | 13856.10180 | -0.000 | -0.033 |
| | | | | 0.015 | 0.009 | 0.02 |
| DYCT | | 102 | 18 | -6769.19910 | -0.001 | -0.070 |
| | | | | 0.016 | 0.009 | 0.03 |
| DZCT | | 102 | 18 | -9598.96990 | -0.003 | -0.362 |
| | | | | 0.016 | 0.009 | 0.17 |
| GROUP: C012811.ASC ,obs#: 240 | | | | | | |
| DXCT | | TXPR | 18 | 22158.30950 | 0.001 | 0.033 |
| | | | | 0.023 | 0.019 | 0.02 |
| DYCT | | TXPR | 18 | 3988.00340 | 0.001 | 0.072 |
| | | | | 0.023 | 0.019 | 0.05 |
| DZCT | | TXPR | 18 | 14259.61490 | 0.007 | 0.362 |
| | | | | 0.023 | 0.019 | 0.25 |
| GROUP: C012811.ASC ,obs#: 241 | | | | | | |
| DXCT | | 102 | 19 | 8374.14770 | 0.004 | 0.450 |
| | | | | 0.015 | 0.009 | 0.25 |
| DYCT | | 102 | 19 | -7668.11250 | 0.005 | 0.522 |
| | | | | 0.015 | 0.010 | 0.29 |
| DZCT | | 102 | 19 | -12927.96940 | 0.001 | 0.154 |
| | | | | 0.015 | 0.009 | 0.08 |
| GROUP: C012811.ASC ,obs#: 242 | | | | | | |
| DXCT | | TXPR | 19 | 16676.36640 | -0.006 | -0.449 |
| | | | | 0.017 | 0.013 | 0.29 |
| DYCT | | TXPR | 19 | 3089.10390 | -0.007 | -0.521 |
| | | | | 0.017 | 0.013 | 0.34 |
| DZCT | | TXPR | 19 | 10930.62880 | -0.002 | -0.156 |
| | | | | 0.017 | 0.013 | 0.10 |
| GROUP: C012811.ASC ,obs#: 243 | | | | | | |
| DXCT | | 102 | 20 | 6574.41410 | -0.002 | -0.187 |
| | | | | 0.013 | 0.008 | 0.10 |
| DYCT | | 102 | 20 | -6948.29140 | 0.000 | 0.021 |
| | | | | 0.013 | 0.008 | 0.01 |
| DZCT | | 102 | 20 | -11999.95690 | 0.002 | 0.209 |
| | | | | 0.013 | 0.008 | 0.11 |
| GROUP: C012811.ASC ,obs#: 244 | | | | | | |
| DXCT | | TXPR | 20 | 14876.61880 | 0.002 | 0.187 |
| | | | | 0.017 | 0.013 | 0.12 |
| DYCT | | TXPR | 20 | 3808.91350 | -0.000 | -0.020 |
| | | | | 0.017 | 0.013 | 0.01 |
| DZCT | | TXPR | 20 | 11858.64220 | -0.003 | -0.209 |
| | | | | 0.017 | 0.013 | 0.14 |
| GROUP: C012811.ASC ,obs#: 245 | | | | | | |
| DXCT | | 102 | 21 | 9830.76880 | -0.001 | -0.170 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.010 | 0.004 | 0.05 |
| DYCT | | 102 | 21 | -3480.18870 | 0.001 | 0.228 |
| | | | | 0.010 | 0.004 | 0.07 |
| DZCT | | 102 | 21 | -4158.84650 | 0.001 | 0.294 |
| | | | | 0.010 | 0.004 | 0.09 |
| GROUP: C012811.ASC ,obs#: 246 | | | | | | |
| DXCT | | TXPR | 21 | 18132.97310 | 0.004 | 0.170 |
| | | | | 0.024 | 0.022 | 0.13 |
| DYCT | | TXPR | 21 | 7277.02160 | -0.005 | -0.229 |
| | | | | 0.024 | 0.022 | 0.18 |
| DZCT | | TXPR | 21 | 19699.75570 | -0.006 | -0.295 |
| | | | | 0.024 | 0.022 | 0.23 |
| GROUP: C012811.ASC ,obs#: 247 | | | | | | |
| DXCT | | 102 | TXPR | -8302.21080 | 0.002 | 0.095 |
| | | | | 0.023 | 0.023 | 0.08 |
| DYCT | | 102 | TXPR | -10757.20000 | -0.004 | -0.191 |
| | | | | 0.023 | 0.023 | 0.16 |
| DZCT | | 102 | TXPR | -23858.59460 | -0.000 | -0.005 |
| | | | | 0.023 | 0.023 | 0.00 |
| GROUP: C012911.ASC ,obs#: 248 | | | | | | |
| DXCT | | 102 | 101 | -16156.32840 | -0.008 | -0.557 |
| | | | | 0.014 | 0.014 | 0.46 |
| DYCT | | 102 | 101 | 3556.99510 | -0.012 | -0.835 |
| | | | | 0.014 | 0.014 | 0.70 |
| DZCT | | 102 | 101 | 2515.94750 | 0.004 | 0.278 |
| | | | | 0.014 | 0.014 | 0.23 |
| GROUP: C012911.ASC ,obs#: 249 | | | | | | |
| DXCT | | 102 | 22 | -18764.15790 | -0.010 | -0.608 |
| | | | | 0.017 | 0.016 | 0.51 |
| DYCT | | 102 | 22 | 4164.16660 | -0.021 | -1.276 |
| | | | | 0.017 | 0.016 | 1.07 |
| DZCT | | 102 | 22 | 2990.31990 | 0.040 | 2.430 |
| | | | | 0.017 | 0.016 | 2.05 |
| GROUP: C012911.ASC ,obs#: 250 | | | | | | |
| DXCT | | 101 | 22 | -2607.83180 | 0.000 | 0.722 |
| | | | | 0.002 | 0.000 | 0.09 |
| DYCT | | 101 | 22 | 607.16170 | 0.001 | 1.580 |
| | | | | 0.003 | 0.000 | 0.22 |
| DZCT | | 101 | 22 | 474.40940 | -0.001 | -2.574 |
| | | | | 0.003 | 0.000 | 0.36 |
| GROUP: C012911.ASC ,obs#: 251 | | | | | | |
| DXCT | | 102 | 23 | -22838.45500 | -0.003 | -0.154 |
| | | | | 0.020 | 0.019 | 0.12 |
| DYCT | | 102 | 23 | 4642.12170 | 0.015 | 0.766 |
| | | | | 0.020 | 0.019 | 0.62 |
| DZCT | | 102 | 23 | 2788.38860 | -0.008 | -0.427 |
| | | | | 0.020 | 0.019 | 0.35 |
| GROUP: C012911.ASC ,obs#: 252 | | | | | | |
| DXCT | | 101 | 23 | -6682.12200 | 0.000 | 0.152 |
| | | | | 0.006 | 0.002 | 0.04 |
| DYCT | | 101 | 23 | 1085.15410 | -0.001 | -0.769 |
| | | | | 0.006 | 0.002 | 0.18 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 101 | 23 | 272.42840 | 0.001 | 0.433 |
| | | | | 0.006 | 0.002 | 0.10 |
| GROUP: C012911.ASC ,obs#: 253 | | | | | | |
| DXCT | | 102 | 24 | -23705.13390 | -0.007 | -0.364 |
| | | | | 0.020 | 0.019 | 0.29 |
| DYCT | | 102 | 24 | 2966.85250 | -0.007 | -0.342 |
| | | | | 0.021 | 0.019 | 0.27 |
| DZCT | | 102 | 24 | -795.33310 | -0.006 | -0.296 |
| | | | | 0.020 | 0.019 | 0.24 |
| GROUP: C012911.ASC ,obs#: 254 | | | | | | |
| DXCT | | 101 | 24 | -7548.80550 | 0.001 | 0.364 |
| | | | | 0.007 | 0.002 | 0.10 |
| DYCT | | 101 | 24 | -590.13830 | 0.001 | 0.341 |
| | | | | 0.007 | 0.002 | 0.10 |
| DZCT | | 101 | 24 | -3311.29080 | 0.001 | 0.294 |
| | | | | 0.007 | 0.002 | 0.08 |
| GROUP: C012911.ASC ,obs#: 255 | | | | | | |
| DXCT | | 102 | 25 | -20063.28010 | -0.001 | -0.071 |
| | | | | 0.017 | 0.016 | 0.06 |
| DYCT | | 102 | 25 | 1256.42350 | 0.037 | 2.244 |
| | | | | 0.018 | 0.016 | 1.80 |
| DZCT | | 102 | 25 | -3180.46790 | -0.033 | -2.025 |
| | | | | 0.017 | 0.016 | 1.61 |
| GROUP: C012911.ASC ,obs#: 256 | | | | | | |
| DXCT | | 101 | 25 | -3906.94520 | 0.000 | 0.063 |
| | | | | 0.006 | 0.002 | 0.02 |
| DYCT | | 101 | 25 | -2300.51840 | -0.005 | -2.254 |
| | | | | 0.006 | 0.002 | 0.66 |
| DZCT | | 101 | 25 | -5696.45620 | 0.004 | 2.036 |
| | | | | 0.006 | 0.002 | 0.58 |
| GROUP: C012911.ASC ,obs#: 257 | | | | | | |
| DXCT | | 102 | 26 | -21002.49400 | -0.007 | -0.424 |
| | | | | 0.019 | 0.017 | 0.32 |
| DYCT | | 102 | 26 | -438.87050 | -0.013 | -0.801 |
| | | | | 0.019 | 0.017 | 0.61 |
| DZCT | | 102 | 26 | -6843.09350 | 0.011 | 0.685 |
| | | | | 0.019 | 0.017 | 0.52 |
| GROUP: C012911.ASC ,obs#: 258 | | | | | | |
| DXCT | | 101 | 26 | -4846.16670 | 0.002 | 0.423 |
| | | | | 0.010 | 0.004 | 0.16 |
| DYCT | | 101 | 26 | -3995.87080 | 0.003 | 0.800 |
| | | | | 0.010 | 0.004 | 0.31 |
| DZCT | | 101 | 26 | -9359.03050 | -0.003 | -0.685 |
| | | | | 0.010 | 0.004 | 0.26 |
| GROUP: C012911.ASC ,obs#: 259 | | | | | | |
| DXCT | | 102 | 27 | -21493.75070 | 0.002 | 0.117 |
| | | | | 0.020 | 0.017 | 0.09 |
| DYCT | | 102 | 27 | -1639.22480 | -0.028 | -1.620 |
| | | | | 0.020 | 0.017 | 1.19 |
| DZCT | | 102 | 27 | -9386.88090 | -0.003 | -0.175 |
| | | | | 0.020 | 0.017 | 0.13 |
| GROUP: C012911.ASC ,obs#: 260 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 101 | 27 | -5337.41180 | -0.001 | -0.119 |
| | | | | 0.012 | 0.006 | 0.05 |
| DYCT | | 101 | 27 | -5196.24600 | 0.010 | 1.621 |
| | | | | 0.012 | 0.006 | 0.70 |
| DZCT | | 101 | 27 | -11902.83640 | 0.001 | 0.183 |
| | | | | 0.012 | 0.006 | 0.08 |
| GROUP: C012911.ASC ,obs#: 261 | | | | | | |
| DXCT | | 102 | 28 | -22460.44660 | -0.007 | -0.384 |
| | | | | 0.022 | 0.018 | 0.27 |
| DYCT | | 102 | 28 | -3166.35440 | -0.003 | -0.162 |
| | | | | 0.022 | 0.018 | 0.11 |
| DZCT | | 102 | 28 | -12729.74350 | -0.003 | -0.147 |
| | | | | 0.022 | 0.018 | 0.10 |
| GROUP: C012911.ASC ,obs#: 262 | | | | | | |
| DXCT | | 101 | 28 | -6304.12070 | 0.003 | 0.384 |
| | | | | 0.015 | 0.009 | 0.18 |
| DYCT | | 101 | 28 | -6723.34220 | 0.001 | 0.162 |
| | | | | 0.015 | 0.009 | 0.08 |
| DZCT | | 101 | 28 | -15245.69880 | 0.001 | 0.146 |
| | | | | 0.015 | 0.009 | 0.07 |
| GROUP: C012911.ASC ,obs#: 263 | | | | | | |
| DXCT | | 102 | 29 | -23894.35050 | -0.002 | -0.097 |
| | | | | 0.025 | 0.020 | 0.07 |
| DYCT | | 102 | 29 | -4547.50310 | -0.005 | -0.245 |
| | | | | 0.025 | 0.020 | 0.17 |
| DZCT | | 102 | 29 | -15915.55240 | 0.003 | 0.146 |
| | | | | 0.025 | 0.020 | 0.10 |
| GROUP: C012911.ASC ,obs#: 264 | | | | | | |
| DXCT | | 101 | 29 | -7738.01730 | 0.001 | 0.097 |
| | | | | 0.018 | 0.011 | 0.05 |
| DYCT | | 101 | 29 | -8104.49410 | 0.003 | 0.245 |
| | | | | 0.019 | 0.011 | 0.13 |
| DZCT | | 101 | 29 | -18431.49930 | -0.002 | -0.146 |
| | | | | 0.018 | 0.011 | 0.07 |
| GROUP: C012911.ASC ,obs#: 265 | | | | | | |
| DXCT | | 102 | 30 | -19550.79440 | -0.001 | -0.037 |
| | | | | 0.021 | 0.016 | 0.03 |
| DYCT | | 102 | 30 | -4220.83610 | -0.000 | -0.010 |
| | | | | 0.021 | 0.016 | 0.01 |
| DZCT | | 102 | 30 | -13999.38340 | 0.000 | 0.026 |
| | | | | 0.021 | 0.016 | 0.02 |
| GROUP: C012911.ASC ,obs#: 266 | | | | | | |
| DXCT | | 101 | 30 | -3394.45920 | 0.000 | 0.037 |
| | | | | 0.016 | 0.010 | 0.02 |
| DYCT | | 101 | 30 | -7777.81980 | 0.000 | 0.010 |
| | | | | 0.016 | 0.010 | 0.01 |
| DZCT | | 101 | 30 | -16515.33410 | -0.000 | -0.026 |
| | | | | 0.016 | 0.010 | 0.01 |
| GROUP: C012911.ASC ,obs#: 267 | | | | | | |
| DXCT | | 102 | 31 | -19604.37870 | 0.005 | 0.294 |
| | | | | 0.018 | 0.016 | 0.21 |
| DYCT | | 102 | 31 | -1579.40420 | -0.005 | -0.300 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.018 | 0.016 | 0.22 |
| DZCT | | 102 | 31 | -8726.49580 | -0.010 | -0.671 |
| | | | | 0.018 | 0.016 | 0.49 |
| GROUP: C012911.ASC ,obs#: 268 | | | | | | |
| DXCT | | 101 | 31 | -3448.03630 | -0.002 | -0.295 |
| | | | | 0.011 | 0.006 | 0.13 |
| DYCT | | 101 | 31 | -5136.39400 | 0.002 | 0.298 |
| | | | | 0.011 | 0.006 | 0.13 |
| DZCT | | 101 | 31 | -11242.46140 | 0.004 | 0.670 |
| | | | | 0.011 | 0.006 | 0.29 |
| GROUP: C013011.ASC ,obs#: 269 | | | | | | |
| DXCT | | 101 | 103 | -1751.25350 | -0.002 | -0.140 |
| | | | | 0.014 | 0.014 | 0.11 |
| DYCT | | 101 | 103 | 7709.43750 | 0.005 | 0.392 |
| | | | | 0.014 | 0.014 | 0.32 |
| DZCT | | 101 | 103 | 14763.10200 | 0.001 | 0.051 |
| | | | | 0.014 | 0.014 | 0.04 |
| GROUP: C013011.ASC ,obs#: 270 | | | | | | |
| DXCT | | 101 | 32 | -1710.47940 | 0.007 | 0.490 |
| | | | | 0.014 | 0.014 | 0.40 |
| DYCT | | 101 | 32 | 7709.57420 | -0.004 | -0.268 |
| | | | | 0.014 | 0.014 | 0.22 |
| DZCT | | 101 | 32 | 14774.26810 | -0.009 | -0.685 |
| | | | | 0.014 | 0.014 | 0.56 |
| GROUP: C013011.ASC ,obs#: 271 | | | | | | |
| DXCT | | 103 | 32 | 40.78270 | -0.000 | 0.000* |
| | | | | 0.000 | 0.000 | 0.15 |
| DYCT | | 103 | 32 | 0.12770 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.32 |
| DZCT | | 103 | 32 | 11.15600 | 0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.52 |
| GROUP: C013011.ASC ,obs#: 272 | | | | | | |
| DXCT | | 101 | 33 | -3785.04910 | 0.002 | 0.158 |
| | | | | 0.016 | 0.015 | 0.13 |
| DYCT | | 101 | 33 | 8673.69910 | 0.019 | 1.209 |
| | | | | 0.016 | 0.015 | 1.00 |
| DZCT | | 101 | 33 | 16092.77540 | -0.014 | -0.898 |
| | | | | 0.016 | 0.015 | 0.74 |
| GROUP: C013011.ASC ,obs#: 273 | | | | | | |
| DXCT | | 103 | 33 | -2033.79120 | -0.000 | -0.260 |
| | | | | 0.002 | 0.000 | 0.03 |
| DYCT | | 103 | 33 | 964.27550 | -0.001 | -1.326 |
| | | | | 0.003 | 0.000 | 0.21 |
| DZCT | | 103 | 33 | 1329.65850 | 0.000 | 1.079 |
| | | | | 0.003 | 0.000 | 0.15 |
| GROUP: C013011.ASC ,obs#: 274 | | | | | | |
| DXCT | | 101 | 34 | -6305.92210 | -0.016 | -1.156 |
| | | | | 0.015 | 0.014 | 0.92 |
| DYCT | | 101 | 34 | 7926.22440 | 0.010 | 0.725 |
| | | | | 0.015 | 0.014 | 0.59 |
| DZCT | | 101 | 34 | 13910.72570 | -0.006 | -0.463 |
| | | | | 0.015 | 0.014 | 0.37 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C013011.ASC ,obs#: 275 | | | | | | |
| DXCT | | 103 | 34 | -4554.68360 | 0.001 | 1.149 |
| | | | | 0.004 | 0.001 | 0.25 |
| DYCT | | 103 | 34 | 216.79250 | -0.001 | -0.727 |
| | | | | 0.004 | 0.001 | 0.17 |
| DZCT | | 103 | 34 | -852.38380 | 0.000 | 0.480 |
| | | | | 0.004 | 0.001 | 0.11 |
| GROUP: C013011.ASC ,obs#: 276 | | | | | | |
| DXCT | | 101 | 35 | -7539.35960 | -0.019 | -2.255 |
| | | | | 0.011 | 0.008 | 1.50 |
| DYCT | | 101 | 35 | 5436.32640 | -0.013 | -1.472 |
| | | | | 0.011 | 0.009 | 1.00 |
| DZCT | | 101 | 35 | 8657.06630 | -0.007 | -0.821 |
| | | | | 0.011 | 0.008 | 0.55 |
| GROUP: C013011.ASC ,obs#: 277 | | | | | | |
| DXCT | | 103 | 35 | -5788.13230 | 0.009 | 2.259 |
| | | | | 0.007 | 0.004 | 1.03 |
| DYCT | | 103 | 35 | -2273.13530 | 0.006 | 1.475 |
| | | | | 0.008 | 0.004 | 0.70 |
| DZCT | | 103 | 35 | -6106.04660 | 0.003 | 0.816 |
| | | | | 0.007 | 0.004 | 0.37 |
| GROUP: C013011.ASC ,obs#: 278 | | | | | | |
| DXCT | | 101 | 36 | -9302.08480 | 0.002 | 0.412 |
| | | | | 0.009 | 0.006 | 0.21 |
| DYCT | | 101 | 36 | 3572.46150 | 0.010 | 1.747 |
| | | | | 0.009 | 0.006 | 0.92 |
| DZCT | | 101 | 36 | 4476.88290 | 0.009 | 1.668 |
| | | | | 0.009 | 0.006 | 0.86 |
| GROUP: C013011.ASC ,obs#: 279 | | | | | | |
| DXCT | | 103 | 36 | -7550.82360 | -0.003 | -0.408 |
| | | | | 0.011 | 0.008 | 0.26 |
| DYCT | | 103 | 36 | -4136.95630 | -0.015 | -1.752 |
| | | | | 0.012 | 0.009 | 1.12 |
| DZCT | | 103 | 36 | -10286.19610 | -0.014 | -1.676 |
| | | | | 0.011 | 0.008 | 1.06 |
| GROUP: C013011.ASC ,obs#: 280 | | | | | | |
| DXCT | | 101 | 37 | -11933.11970 | 0.003 | 0.470 |
| | | | | 0.010 | 0.006 | 0.22 |
| DYCT | | 101 | 37 | 2221.56280 | 0.008 | 1.321 |
| | | | | 0.011 | 0.006 | 0.62 |
| DZCT | | 101 | 37 | 1034.58290 | -0.003 | -0.600 |
| | | | | 0.010 | 0.006 | 0.28 |
| GROUP: C013011.ASC ,obs#: 281 | | | | | | |
| DXCT | | 103 | 37 | -10181.85580 | -0.006 | -0.472 |
| | | | | 0.015 | 0.012 | 0.32 |
| DYCT | | 103 | 37 | -5487.85580 | -0.017 | -1.324 |
| | | | | 0.016 | 0.013 | 0.93 |
| DZCT | | 103 | 37 | -13728.53080 | 0.008 | 0.606 |
| | | | | 0.015 | 0.012 | 0.42 |
| GROUP: C013111.ASC ,obs#: 282 | | | | | | |
| DXCT | | TXLR | 102 | 121891.92620 | 0.006 | 0.039 |
| | | | | 0.151 | 0.150 | 0.03 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | TXLR | 102 | -72905.53390 | 0.048 | 0.320 |
| | | | | 0.151 | 0.151 | 0.27 |
| DZCT | | TXLR | 102 | -105216.82170 | -0.008 | -0.056 |
| | | | | 0.151 | 0.150 | 0.05 |
| GROUP: C013111.ASC ,obs#: 283 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20380 | 0.005 | 0.207 |
| | | | | 0.023 | 0.023 | 0.18 |
| DYCT | | TXPR | 102 | 10757.17200 | 0.032 | 1.390 |
| | | | | 0.023 | 0.023 | 1.18 |
| DZCT | | TXPR | 102 | 23858.60850 | -0.014 | -0.593 |
| | | | | 0.023 | 0.023 | 0.50 |
| GROUP: C013111.ASC ,obs#: 284 | | | | | | |
| DXCT | | KVTX | 102 | -30228.27760 | 0.007 | 0.071 |
| | | | | 0.105 | 0.105 | 0.06 |
| DYCT | | KVTX | 102 | -51474.52240 | 0.010 | 0.098 |
| | | | | 0.105 | 0.105 | 0.08 |
| DZCT | | KVTX | 102 | -108315.64740 | 0.013 | 0.119 |
| | | | | 0.105 | 0.105 | 0.10 |
| GROUP: C013111.ASC ,obs#: 285 | | | | | | |
| DXCT | | TXLR | 103 | 103984.34130 | -0.001 | -0.007 |
| | | | | 0.127 | 0.127 | 0.01 |
| DYCT | | TXLR | 103 | -61639.09990 | 0.041 | 0.318 |
| | | | | 0.127 | 0.127 | 0.27 |
| DZCT | | TXLR | 103 | -87937.77230 | -0.004 | -0.029 |
| | | | | 0.127 | 0.127 | 0.02 |
| GROUP: C013111.ASC ,obs#: 286 | | | | | | |
| DXCT | | TXPR | 103 | -9605.38190 | -0.001 | -0.027 |
| | | | | 0.041 | 0.040 | 0.02 |
| DYCT | | TXPR | 103 | 22023.61150 | 0.019 | 0.477 |
| | | | | 0.041 | 0.040 | 0.40 |
| DZCT | | TXPR | 103 | 41137.65540 | -0.007 | -0.165 |
| | | | | 0.041 | 0.040 | 0.14 |
| GROUP: C013111.ASC ,obs#: 287 | | | | | | |
| DXCT | | KVTX | 103 | -48135.86190 | 0.000 | 0.002 |
| | | | | 0.094 | 0.094 | 0.00 |
| DYCT | | KVTX | 103 | -40208.07670 | -0.009 | -0.096 |
| | | | | 0.094 | 0.094 | 0.08 |
| DZCT | | KVTX | 103 | -91036.60500 | 0.024 | 0.258 |
| | | | | 0.094 | 0.094 | 0.22 |
| GROUP: C013111.ASC ,obs#: 288 | | | | | | |
| DXCT | | 102 | 38 | -15836.22360 | 0.005 | 0.226 |
| | | | | 0.022 | 0.021 | 0.19 |
| DYCT | | 102 | 38 | 10685.94720 | -0.039 | -1.823 |
| | | | | 0.022 | 0.021 | 1.52 |
| DZCT | | 102 | 38 | 16713.28210 | 0.007 | 0.309 |
| | | | | 0.022 | 0.021 | 0.26 |
| GROUP: C013111.ASC ,obs#: 289 | | | | | | |
| DXCT | | 103 | 38 | 2071.37280 | -0.000 | -0.276 |
| | | | | 0.002 | 0.000 | 0.02 |
| DYCT | | 103 | 38 | -580.51810 | 0.000 | 1.559 |
| | | | | 0.002 | 0.000 | 0.16 |
| DZCT | | 103 | 38 | -565.76540 | -0.000 | -0.255 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.002 | 0.000 | 0.02 |
| GROUP: C013111.ASC ,obs#: 290 | | | | | | |
| DXCT | | TXPR | 38 | -7534.02070 | 0.010 | 0.267 |
| | | | | 0.040 | 0.039 | 0.23 |
| DYCT | | TXPR | 38 | 21443.10900 | 0.004 | 0.101 |
| | | | | 0.040 | 0.040 | 0.09 |
| DZCT | | TXPR | 38 | 40571.89250 | -0.009 | -0.233 |
| | | | | 0.040 | 0.039 | 0.20 |
| GROUP: C013111.ASC ,obs#: 291 | | | | | | |
| DXCT | | 102 | 39 | -9636.64740 | 0.020 | 1.306 |
| | | | | 0.017 | 0.015 | 0.99 |
| DYCT | | 102 | 39 | 8940.11110 | -0.007 | -0.476 |
| | | | | 0.017 | 0.015 | 0.36 |
| DZCT | | 102 | 39 | 15006.50370 | 0.004 | 0.248 |
| | | | | 0.017 | 0.015 | 0.19 |
| GROUP: C013111.ASC ,obs#: 292 | | | | | | |
| DXCT | | 103 | 39 | 8270.96870 | -0.005 | -1.464 |
| | | | | 0.008 | 0.003 | 0.53 |
| DYCT | | 103 | 39 | -2326.32330 | 0.001 | 0.263 |
| | | | | 0.008 | 0.003 | 0.10 |
| DZCT | | 103 | 39 | -2272.54580 | -0.001 | -0.246 |
| | | | | 0.008 | 0.003 | 0.09 |
| GROUP: C013111.ASC ,obs#: 293 | | | | | | |
| DXCT | | TXPR | 39 | -1334.43770 | 0.019 | 0.516 |
| | | | | 0.037 | 0.036 | 0.43 |
| DYCT | | TXPR | 39 | 19697.29420 | 0.014 | 0.386 |
| | | | | 0.037 | 0.036 | 0.32 |
| DZCT | | TXPR | 39 | 38865.10100 | 0.001 | 0.033 |
| | | | | 0.037 | 0.036 | 0.03 |
| GROUP: C013111.ASC ,obs#: 294 | | | | | | |
| DXCT | | 102 | 40 | 1079.72320 | -0.004 | -0.545 |
| | | | | 0.013 | 0.008 | 0.29 |
| DYCT | | 102 | 40 | 6546.88540 | -0.008 | -0.994 |
| | | | | 0.013 | 0.008 | 0.53 |
| DZCT | | 102 | 40 | 13293.90650 | 0.006 | 0.727 |
| | | | | 0.013 | 0.008 | 0.39 |
| GROUP: C013111.ASC ,obs#: 295 | | | | | | |
| DXCT | | 103 | 40 | 18987.30410 | 0.006 | 0.467 |
| | | | | 0.017 | 0.014 | 0.32 |
| DYCT | | 103 | 40 | -4719.56150 | 0.013 | 0.905 |
| | | | | 0.018 | 0.014 | 0.64 |
| DZCT | | 103 | 40 | -3985.12980 | -0.012 | -0.855 |
| | | | | 0.017 | 0.014 | 0.60 |
| GROUP: C013111.ASC ,obs#: 296 | | | | | | |
| DXCT | | TXPR | 40 | 9381.92040 | 0.007 | 0.206 |
| | | | | 0.036 | 0.034 | 0.17 |
| DYCT | | TXPR | 40 | 17304.07150 | 0.010 | 0.301 |
| | | | | 0.036 | 0.035 | 0.25 |
| DZCT | | TXPR | 40 | 37152.50360 | 0.003 | 0.097 |
| | | | | 0.036 | 0.035 | 0.08 |
| GROUP: C013111.ASC ,obs#: 297 | | | | | | |
| DXCT | | TXPR | 41 | 10150.06590 | 0.001 | 0.024 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.039 | 0.037 | 0.02 |
| DYCT | | TXPR | 41 | 18702.93310 | 0.014 | 0.371 |
| | | | | 0.039 | 0.037 | 0.30 |
| DZCT | | TXPR | 41 | 40133.80210 | -0.002 | -0.067 |
| | | | | 0.039 | 0.037 | 0.05 |
| GROUP: C013111.ASC ,obs#: 298 | | | | | | |
| DXCT | | 102 | 41 | 1847.85910 | -0.001 | -0.086 |
| | | | | 0.016 | 0.011 | 0.05 |
| DYCT | | 102 | 41 | 7945.74850 | -0.006 | -0.558 |
| | | | | 0.016 | 0.011 | 0.33 |
| DZCT | | 102 | 41 | 16275.20160 | 0.003 | 0.308 |
| | | | | 0.016 | 0.011 | 0.18 |
| GROUP: C013111.ASC ,obs#: 299 | | | | | | |
| DXCT | | 103 | 41 | 19755.44880 | 0.001 | 0.074 |
| | | | | 0.017 | 0.013 | 0.05 |
| DYCT | | 103 | 41 | -3320.68850 | 0.005 | 0.360 |
| | | | | 0.017 | 0.013 | 0.23 |
| DZCT | | 103 | 41 | -1003.84560 | -0.004 | -0.276 |
| | | | | 0.017 | 0.013 | 0.18 |
| GROUP: C013111.ASC ,obs#: 300 | | | | | | |
| DXCT | | 102 | 42 | 2521.37080 | -0.002 | -0.166 |
| | | | | 0.018 | 0.013 | 0.10 |
| DYCT | | 102 | 42 | 9167.07120 | -0.016 | -1.218 |
| | | | | 0.018 | 0.013 | 0.77 |
| DZCT | | 102 | 42 | 18873.26030 | 0.007 | 0.529 |
| | | | | 0.018 | 0.013 | 0.33 |
| GROUP: C013111.ASC ,obs#: 301 | | | | | | |
| DXCT | | 103 | 42 | 20428.95790 | 0.002 | 0.182 |
| | | | | 0.018 | 0.013 | 0.11 |
| DYCT | | 103 | 42 | -2099.38540 | 0.014 | 1.107 |
| | | | | 0.018 | 0.013 | 0.68 |
| DZCT | | 103 | 42 | 1594.21910 | -0.006 | -0.466 |
| | | | | 0.018 | 0.013 | 0.28 |
| GROUP: C013111.ASC ,obs#: 302 | | | | | | |
| DXCT | | TXPR | 42 | 10823.57830 | -0.001 | -0.028 |
| | | | | 0.041 | 0.039 | 0.02 |
| DYCT | | TXPR | 42 | 19924.25160 | 0.008 | 0.196 |
| | | | | 0.041 | 0.040 | 0.16 |
| DZCT | | TXPR | 42 | 42731.86640 | -0.004 | -0.111 |
| | | | | 0.041 | 0.039 | 0.09 |
| GROUP: C013111.ASC ,obs#: 303 | | | | | | |
| DXCT | | 102 | 43 | 2113.67060 | -0.006 | -0.367 |
| | | | | 0.021 | 0.016 | 0.24 |
| DYCT | | 102 | 43 | 10919.67320 | -0.027 | -1.678 |
| | | | | 0.021 | 0.016 | 1.09 |
| DZCT | | 102 | 43 | 22224.17890 | 0.012 | 0.744 |
| | | | | 0.021 | 0.016 | 0.48 |
| GROUP: C013111.ASC ,obs#: 304 | | | | | | |
| DXCT | | 103 | 43 | 20021.25220 | 0.004 | 0.369 |
| | | | | 0.018 | 0.011 | 0.20 |
| DYCT | | 103 | 43 | -346.79890 | 0.019 | 1.680 |
| | | | | 0.018 | 0.011 | 0.91 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION STD DEV | RESIDUAL STD DEV | STD RES PPM |
|---|---|---|---|---|---|---|
| DZCT | | 103 | 43 | 4945.14510 | -0.008 | -0.748 |
| | | | | 0.018 | 0.011 | 0.40 |
| GROUP: C013111.ASC ,obs#: 305 | | | | | | |
| DXCT | | 102 | 44 | 3097.47590 | -0.007 | -0.344 |
| | | | | 0.025 | 0.020 | 0.23 |
| DYCT | | 102 | 44 | 12631.08410 | -0.019 | -0.958 |
| | | | | 0.025 | 0.020 | 0.66 |
| DZCT | | 102 | 44 | 25869.80210 | 0.021 | 1.036 |
| | | | | 0.025 | 0.020 | 0.71 |
| GROUP: C013111.ASC ,obs#: 306 | | | | | | |
| DXCT | | 103 | 44 | 21005.05660 | 0.004 | 0.322 |
| | | | | 0.019 | 0.013 | 0.18 |
| DYCT | | 103 | 44 | 1364.63280 | 0.006 | 0.473 |
| | | | | 0.019 | 0.013 | 0.27 |
| DZCT | | 103 | 44 | 8590.77880 | -0.010 | -0.804 |
| | | | | 0.019 | 0.013 | 0.45 |
| GROUP: C013111.ASC ,obs#: 307 | | | | | | |
| DXCT | | TXPR | 44 | 11399.67690 | 0.001 | 0.018 |
| | | | | 0.048 | 0.045 | 0.01 |
| DYCT | | TXPR | 44 | 23388.23450 | 0.035 | 0.769 |
| | | | | 0.048 | 0.046 | 0.62 |
| DZCT | | TXPR | 44 | 49728.43250 | -0.015 | -0.333 |
| | | | | 0.048 | 0.046 | 0.27 |
| GROUP: C013111.ASC ,obs#: 308 | | | | | | |
| DXCT | | 102 | 45 | 3791.21880 | -0.004 | -0.180 |
| | | | | 0.027 | 0.022 | 0.12 |
| DYCT | | 102 | 45 | 14000.93460 | -0.005 | -0.217 |
| | | | | 0.027 | 0.022 | 0.15 |
| DZCT | | 102 | 45 | 28754.76720 | 0.004 | 0.176 |
| | | | | 0.027 | 0.022 | 0.12 |
| GROUP: C013111.ASC ,obs#: 309 | | | | | | |
| DXCT | | 103 | 45 | 21698.80510 | 0.001 | 0.093 |
| | | | | 0.021 | 0.014 | 0.05 |
| DYCT | | 103 | 45 | 2734.50570 | -0.002 | -0.160 |
| | | | | 0.021 | 0.014 | 0.09 |
| DZCT | | 103 | 45 | 11475.71680 | 0.000 | 0.019 |
| | | | | 0.021 | 0.014 | 0.01 |
| GROUP: C013111.ASC ,obs#: 310 | | | | | | |
| DXCT | | TXPR | 45 | 12093.41710 | 0.006 | 0.131 |
| | | | | 0.051 | 0.048 | 0.11 |
| DYCT | | TXPR | 45 | 24758.10510 | 0.029 | 0.606 |
| | | | | 0.051 | 0.048 | 0.49 |
| DZCT | | TXPR | 45 | 52613.38060 | -0.015 | -0.308 |
| | | | | 0.051 | 0.048 | 0.25 |
| GROUP: C013111.ASC ,obs#: 311 | | | | | | |
| DXCT | | 102 | 46 | 4642.98030 | -0.006 | -0.240 |
| | | | | 0.031 | 0.025 | 0.17 |
| DYCT | | 102 | 46 | 15634.75900 | -0.070 | -2.645 |
| | | | | 0.032 | 0.027 | 1.95 |
| DZCT | | 102 | 46 | 32191.78290 | 0.007 | 0.270 |
| | | | | 0.031 | 0.025 | 0.19 |
| GROUP: C013111.ASC ,obs#: 312 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 103 | 46 | 22550.56570 | 0.000 | 0.011 |
| | | | | 0.023 | 0.015 | 0.01 |
| DYCT | | 103 | 46 | 4368.22190 | 0.041 | 2.684 |
| | | | | 0.024 | 0.015 | 1.48 |
| DZCT | | 103 | 46 | 14912.73930 | -0.004 | -0.241 |
| | | | | 0.023 | 0.015 | 0.13 |
| GROUP: C013111.ASC ,obs#: 313 | | | | | | |
| DXCT | | TXPR | 46 | 12945.16510 | 0.018 | 0.350 |
| | | | | 0.054 | 0.051 | 0.28 |
| DYCT | | TXPR | 46 | 26391.90920 | -0.016 | -0.313 |
| | | | | 0.054 | 0.051 | 0.25 |
| DZCT | | TXPR | 46 | 56050.38320 | 0.001 | 0.024 |
| | | | | 0.054 | 0.051 | 0.02 |
| GROUP: C020111.ASC ,obs#: 314 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20700 | 0.002 | 0.069 |
| | | | | 0.023 | 0.023 | 0.06 |
| DYCT | | TXPR | 102 | 10757.18690 | 0.018 | 0.753 |
| | | | | 0.023 | 0.023 | 0.64 |
| DZCT | | TXPR | 102 | 23858.59800 | -0.003 | -0.141 |
| | | | | 0.023 | 0.023 | 0.12 |
| GROUP: C020111.ASC ,obs#: 315 | | | | | | |
| DXCT | | TXPR | 47 | 1059.89480 | -0.000 | -0.207 |
| | | | | 0.002 | 0.000 | 0.02 |
| DYCT | | TXPR | 47 | 1010.78270 | -0.000 | -0.349 |
| | | | | 0.002 | 0.000 | 0.04 |
| DZCT | | TXPR | 47 | 2319.10530 | -0.000 | -0.017 |
| | | | | 0.002 | 0.000 | 0.00 |
| GROUP: C020111.ASC ,obs#: 316 | | | | | | |
| DXCT | | 102 | 47 | -7242.31810 | 0.004 | 0.204 |
| | | | | 0.021 | 0.021 | 0.17 |
| DYCT | | 102 | 47 | -9746.42920 | 0.007 | 0.350 |
| | | | | 0.021 | 0.021 | 0.30 |
| DZCT | | 102 | 47 | -21539.49030 | 0.001 | 0.042 |
| | | | | 0.021 | 0.021 | 0.04 |
| GROUP: C020111.ASC ,obs#: 317 | | | | | | |
| DXCT | | TXPR | 48 | -343.02270 | -0.000 | -0.100 |
| | | | | 0.003 | 0.000 | 0.01 |
| DYCT | | TXPR | 48 | 1579.93460 | -0.000 | -0.597 |
| | | | | 0.003 | 0.000 | 0.08 |
| DZCT | | TXPR | 48 | 3058.60750 | 0.000 | 0.074 |
| | | | | 0.003 | 0.000 | 0.01 |
| GROUP: C020111.ASC ,obs#: 318 | | | | | | |
| DXCT | | 102 | 48 | -8645.23330 | 0.002 | 0.096 |
| | | | | 0.021 | 0.020 | 0.08 |
| DYCT | | 102 | 48 | -9177.28240 | 0.012 | 0.595 |
| | | | | 0.021 | 0.021 | 0.50 |
| DZCT | | 102 | 48 | -20799.98590 | -0.001 | -0.063 |
| | | | | 0.021 | 0.020 | 0.05 |
| GROUP: C020111.ASC ,obs#: 319 | | | | | | |
| DXCT | | TXPR | 48B | -329.71040 | 0.000 | 0.096 |
| | | | | 0.003 | 0.000 | 0.01 |
| DYCT | | TXPR | 48B | 1581.81730 | -0.001 | -1.553 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.003 | 0.000 | 0.21 |
| DZCT | | TXPR | 48B | 3066.39820 | 0.000 | 0.445 |
| | | | | 0.003 | 0.000 | 0.05 |
| GROUP: C020111.ASC ,obs#: 320 | | | | | | |
| DXCT | | 102 | 48B | -8631.91650 | -0.002 | -0.121 |
| | | | | 0.021 | 0.020 | 0.10 |
| DYCT | | 102 | 48B | -9175.41990 | 0.032 | 1.544 |
| | | | | 0.021 | 0.021 | 1.32 |
| DZCT | | 102 | 48B | -20792.18840 | -0.008 | -0.389 |
| | | | | 0.021 | 0.020 | 0.33 |
| GROUP: C020111.ASC ,obs#: 321 | | | | | | |
| DXCT | | TXPR | 49 | -689.88210 | -0.000 | -0.350 |
| | | | | 0.005 | 0.001 | 0.07 |
| DYCT | | TXPR | 49 | 2511.90970 | -0.001 | -0.785 |
| | | | | 0.005 | 0.001 | 0.16 |
| DZCT | | TXPR | 49 | 4828.89730 | 0.000 | 0.226 |
| | | | | 0.005 | 0.001 | 0.05 |
| GROUP: C020111.ASC ,obs#: 322 | | | | | | |
| DXCT | | 102 | 49 | -8992.09750 | 0.006 | 0.346 |
| | | | | 0.019 | 0.019 | 0.28 |
| DYCT | | 102 | 49 | -8245.31030 | 0.015 | 0.782 |
| | | | | 0.019 | 0.019 | 0.65 |
| DZCT | | 102 | 49 | -19029.69310 | -0.004 | -0.219 |
| | | | | 0.019 | 0.019 | 0.18 |
| GROUP: C020111.ASC ,obs#: 323 | | | | | | |
| DXCT | | TXPR | 49B | -707.61850 | -0.000 | -0.110 |
| | | | | 0.005 | 0.001 | 0.02 |
| DYCT | | TXPR | 49B | 2515.66550 | -0.001 | -0.719 |
| | | | | 0.005 | 0.001 | 0.15 |
| DZCT | | TXPR | 49B | 4831.25660 | 0.000 | 0.240 |
| | | | | 0.005 | 0.001 | 0.05 |
| GROUP: C020111.ASC ,obs#: 324 | | | | | | |
| DXCT | | 102 | 49B | -9009.82920 | 0.002 | 0.106 |
| | | | | 0.019 | 0.019 | 0.09 |
| DYCT | | 102 | 49B | -8241.55320 | 0.013 | 0.716 |
| | | | | 0.019 | 0.019 | 0.59 |
| DZCT | | 102 | 49B | -19027.33350 | -0.004 | -0.234 |
| | | | | 0.019 | 0.019 | 0.19 |
| GROUP: C020111.ASC ,obs#: 325 | | | | | | |
| DXCT | | TXPR | 50 | -704.62910 | -0.000 | -0.102 |
| | | | | 0.006 | 0.002 | 0.03 |
| DYCT | | TXPR | 50 | 3316.04990 | -0.000 | -0.234 |
| | | | | 0.006 | 0.002 | 0.07 |
| DZCT | | TXPR | 50 | 6437.32660 | 0.000 | 0.004 |
| | | | | 0.006 | 0.002 | 0.00 |
| GROUP: C020111.ASC ,obs#: 326 | | | | | | |
| DXCT | | 102 | 50 | -9006.83960 | 0.002 | 0.101 |
| | | | | 0.018 | 0.017 | 0.08 |
| DYCT | | 102 | 50 | -7441.15900 | 0.004 | 0.234 |
| | | | | 0.018 | 0.017 | 0.19 |
| DZCT | | 102 | 50 | -17421.26810 | -0.000 | -0.000 |
| | | | | 0.018 | 0.017 | 0.00 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C020111.ASC ,obs#: 327 | | | | | | |
| DXCT | | TXPR | 51 | -52.52030 | 0.002 | 0.532 |
| | | | | 0.009 | 0.004 | 0.22 |
| DYCT | | TXPR | 51 | 4491.24100 | 0.001 | 0.201 |
| | | | | 0.009 | 0.004 | 0.08 |
| DZCT | | TXPR | 51 | 8974.27500 | 0.001 | 0.360 |
| | | | | 0.009 | 0.004 | 0.15 |
| GROUP: C020111.ASC ,obs#: 328 | | | | | | |
| DXCT | | 102 | 51 | -8354.71960 | -0.007 | -0.532 |
| | | | | 0.016 | 0.013 | 0.39 |
| DYCT | | 102 | 51 | -6265.95990 | -0.003 | -0.201 |
| | | | | 0.016 | 0.014 | 0.15 |
| DZCT | | 102 | 51 | -14884.31340 | -0.005 | -0.359 |
| | | | | 0.016 | 0.013 | 0.27 |
| GROUP: C020111.ASC ,obs#: 329 | | | | | | |
| DXCT | | TXPR | 52 | 377.96880 | -0.002 | -0.266 |
| | | | | 0.011 | 0.006 | 0.14 |
| DYCT | | TXPR | 52 | 5496.59580 | 0.007 | 1.155 |
| | | | | 0.011 | 0.006 | 0.60 |
| DZCT | | TXPR | 52 | 11108.53890 | 0.001 | 0.138 |
| | | | | 0.011 | 0.006 | 0.07 |
| GROUP: C020111.ASC ,obs#: 330 | | | | | | |
| DXCT | | 102 | 52 | -7924.24430 | 0.003 | 0.264 |
| | | | | 0.014 | 0.011 | 0.18 |
| DYCT | | 102 | 52 | -5260.58870 | -0.012 | -1.154 |
| | | | | 0.014 | 0.011 | 0.78 |
| DZCT | | 102 | 52 | -12750.05350 | -0.001 | -0.135 |
| | | | | 0.014 | 0.011 | 0.09 |
| GROUP: C020111.ASC ,obs#: 331 | | | | | | |
| DXCT | | 102 | 53 | -7366.22580 | -0.010 | -1.218 |
| | | | | 0.012 | 0.008 | 0.72 |
| DYCT | | 102 | 53 | -4508.14810 | -0.018 | -2.125 |
| | | | | 0.012 | 0.008 | 1.27 |
| DZCT | | 102 | 53 | -11087.59440 | -0.012 | -1.477 |
| | | | | 0.012 | 0.008 | 0.87 |
| GROUP: C020111.ASC ,obs#: 332 | | | | | | |
| DXCT | | TXPR | 53 | 935.96230 | 0.010 | 1.219 |
| | | | | 0.012 | 0.009 | 0.73 |
| DYCT | | TXPR | 53 | 6249.02010 | 0.018 | 2.125 |
| | | | | 0.012 | 0.009 | 1.29 |
| DZCT | | TXPR | 53 | 12770.97540 | 0.013 | 1.475 |
| | | | | 0.012 | 0.009 | 0.89 |
| GROUP: C020111.ASC ,obs#: 333 | | | | | | |
| DXCT | | TXPR | 54 | -4463.46030 | 0.001 | 0.149 |
| | | | | 0.013 | 0.009 | 0.09 |
| DYCT | | TXPR | 54 | 7290.58650 | 0.005 | 0.574 |
| | | | | 0.014 | 0.009 | 0.34 |
| DZCT | | TXPR | 54 | 13316.87660 | -0.003 | -0.341 |
| | | | | 0.014 | 0.009 | 0.20 |
| GROUP: C020111.ASC ,obs#: 334 | | | | | | |
| DXCT | | 102 | 54 | -12765.66600 | -0.002 | -0.148 |
| | | | | 0.014 | 0.010 | 0.09 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 102 | 54 | -3466.60660 | -0.006 | -0.572 |
| | | | | 0.015 | 0.011 | 0.36 |
| DZCT | | 102 | 54 | -10541.72480 | 0.004 | 0.339 |
| | | | | 0.014 | 0.010 | 0.21 |
| GROUP: C020211.ASC ,obs#: 335 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20600 | 0.003 | 0.112 |
| | | | | 0.023 | 0.023 | 0.09 |
| DYCT | | TXPR | 102 | 10757.19710 | 0.007 | 0.316 |
| | | | | 0.023 | 0.023 | 0.27 |
| DZCT | | TXPR | 102 | 23858.58540 | 0.009 | 0.401 |
| | | | | 0.023 | 0.023 | 0.34 |
| GROUP: C020211.ASC ,obs#: 336 | | | | | | |
| DXCT | | TXPR | 57 | 4935.90090 | -0.000 | -0.006 |
| | | | | 0.016 | 0.014 | 0.00 |
| DYCT | | TXPR | 57 | 7425.14210 | -0.004 | -0.253 |
| | | | | 0.016 | 0.014 | 0.20 |
| DZCT | | TXPR | 57 | 16264.10620 | 0.016 | 1.096 |
| | | | | 0.016 | 0.014 | 0.84 |
| GROUP: C020211.ASC ,obs#: 337 | | | | | | |
| DXCT | | 102 | 57 | -3366.30780 | 0.000 | 0.004 |
| | | | | 0.008 | 0.003 | 0.00 |
| DYCT | | 102 | 57 | -3332.06680 | 0.001 | 0.247 |
| | | | | 0.008 | 0.003 | 0.09 |
| DZCT | | 102 | 57 | -7594.46940 | -0.004 | -1.095 |
| | | | | 0.008 | 0.003 | 0.40 |
| GROUP: C020211.ASC ,obs#: 338 | | | | | | |
| DXCT | | 102 | 58 | -3101.46120 | -0.005 | -1.024 |
| | | | | 0.009 | 0.005 | 0.45 |
| DYCT | | 102 | 58 | -4087.18190 | 0.002 | 0.504 |
| | | | | 0.009 | 0.005 | 0.22 |
| DZCT | | 102 | 58 | -9024.26910 | -0.003 | -0.721 |
| | | | | 0.009 | 0.005 | 0.32 |
| GROUP: C020211.ASC ,obs#: 339 | | | | | | |
| DXCT | | TXPR | 58 | 5200.73020 | 0.013 | 1.023 |
| | | | | 0.015 | 0.012 | 0.74 |
| DYCT | | TXPR | 58 | 6670.03130 | -0.006 | -0.507 |
| | | | | 0.015 | 0.013 | 0.38 |
| DZCT | | TXPR | 58 | 14834.31340 | 0.009 | 0.724 |
| | | | | 0.015 | 0.012 | 0.52 |
| GROUP: C020211.ASC ,obs#: 340 | | | | | | |
| DXCT | | TXPR | 59 | 9666.72450 | -0.006 | -0.537 |
| | | | | 0.014 | 0.010 | 0.35 |
| DYCT | | TXPR | 59 | 4598.58030 | -0.025 | -2.205 |
| | | | | 0.014 | 0.011 | 1.54 |
| DZCT | | TXPR | 59 | 11961.69810 | 0.003 | 0.273 |
| | | | | 0.014 | 0.010 | 0.18 |
| GROUP: C020211.ASC ,obs#: 341 | | | | | | |
| DXCT | | 102 | 59 | 1364.50660 | 0.004 | 0.510 |
| | | | | 0.011 | 0.007 | 0.28 |
| DYCT | | 102 | 59 | -6158.66470 | 0.016 | 2.194 |
| | | | | 0.012 | 0.007 | 1.17 |
| DZCT | | 102 | 59 | -11896.89220 | -0.002 | -0.213 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.011 | 0.007 | 0.12 |
| GROUP: C020211.ASC ,obs#: 342 | | | | | | |
| DXCT | | TXPR | 60 | 9186.78140 | -0.000 | -0.017 |
| | | | | 0.012 | 0.008 | 0.01 |
| DYCT | | TXPR | 60 | 3525.93320 | -0.001 | -0.097 |
| | | | | 0.012 | 0.008 | 0.05 |
| DZCT | | TXPR | 60 | 9679.41330 | -0.001 | -0.190 |
| | | | | 0.012 | 0.008 | 0.11 |
| GROUP: C020211.ASC ,obs#: 343 | | | | | | |
| DXCT | | 102 | 60 | 884.57250 | 0.000 | 0.017 |
| | | | | 0.014 | 0.010 | 0.01 |
| DYCT | | 102 | 60 | -7231.27300 | 0.001 | 0.096 |
| | | | | 0.014 | 0.010 | 0.06 |
| DZCT | | 102 | 60 | -14179.18480 | 0.002 | 0.190 |
| | | | | 0.014 | 0.010 | 0.12 |
| GROUP: C020211.ASC ,obs#: 344 | | | | | | |
| DXCT | | TXPR | 61 | 9142.66160 | 0.000 | 0.108 |
| | | | | 0.009 | 0.004 | 0.04 |
| DYCT | | TXPR | 61 | 1583.06490 | 0.002 | 0.471 |
| | | | | 0.009 | 0.004 | 0.19 |
| DZCT | | TXPR | 61 | 5777.95500 | 0.000 | 0.078 |
| | | | | 0.009 | 0.004 | 0.03 |
| GROUP: C020211.ASC ,obs#: 345 | | | | | | |
| DXCT | | 102 | 61 | 840.45510 | -0.002 | -0.108 |
| | | | | 0.017 | 0.015 | 0.08 |
| DYCT | | 102 | 61 | -9174.13030 | -0.007 | -0.471 |
| | | | | 0.017 | 0.015 | 0.35 |
| DZCT | | 102 | 61 | -18080.63820 | -0.001 | -0.077 |
| | | | | 0.017 | 0.015 | 0.06 |
| GROUP: C020211.ASC ,obs#: 346 | | | | | | |
| DXCT | | TXPR | 62 | 13086.03140 | 0.001 | 0.128 |
| | | | | 0.014 | 0.009 | 0.07 |
| DYCT | | TXPR | 62 | 2452.65900 | -0.002 | -0.243 |
| | | | | 0.014 | 0.009 | 0.14 |
| DZCT | | TXPR | 62 | 8633.05750 | 0.009 | 0.992 |
| | | | | 0.014 | 0.009 | 0.56 |
| GROUP: C020211.ASC ,obs#: 347 | | | | | | |
| DXCT | | 102 | 62 | 4783.82540 | -0.001 | -0.129 |
| | | | | 0.015 | 0.011 | 0.08 |
| DYCT | | 102 | 62 | -8304.55040 | 0.003 | 0.236 |
| | | | | 0.015 | 0.012 | 0.15 |
| DZCT | | 102 | 62 | -15225.51700 | -0.011 | -0.991 |
| | | | | 0.015 | 0.011 | 0.63 |
| GROUP: C020211.ASC ,obs#: 348 | | | | | | |
| DXCT | | TXPR | 63 | 4954.10570 | -0.007 | -1.810 |
| | | | | 0.008 | 0.004 | 0.70 |
| DYCT | | TXPR | 63 | 3036.98310 | -0.003 | -0.901 |
| | | | | 0.008 | 0.004 | 0.35 |
| DZCT | | TXPR | 63 | 7498.35680 | -0.004 | -1.150 |
| | | | | 0.008 | 0.004 | 0.44 |
| GROUP: C020211.ASC ,obs#: 349 | | | | | | |
| DXCT | | 102 | 63 | -3348.13450 | 0.025 | 1.811 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.016 | 0.014 | 1.36 |
| DYCT | | 102 | 63 | -7720.23750 | 0.013 | 0.902 |
| | | | | 0.016 | 0.014 | 0.69 |
| DZCT | | 102 | 63 | -16360.25800 | 0.016 | 1.148 |
| | | | | 0.016 | 0.014 | 0.86 |
| GROUP: C020211.ASC ,obs#: 350 | | | | | | |
| DXCT | | TXPR | 64 | 4268.00140 | -0.001 | -0.424 |
| | | | | 0.007 | 0.003 | 0.14 |
| DYCT | | TXPR | 64 | 2677.38970 | 0.001 | 0.482 |
| | | | | 0.007 | 0.003 | 0.16 |
| DZCT | | TXPR | 64 | 6582.09730 | -0.003 | -1.129 |
| | | | | 0.007 | 0.003 | 0.37 |
| GROUP: C020211.ASC ,obs#: 351 | | | | | | |
| DXCT | | 102 | 64 | -4034.21480 | 0.006 | 0.426 |
| | | | | 0.017 | 0.015 | 0.33 |
| DYCT | | 102 | 64 | -8079.80610 | -0.007 | -0.479 |
| | | | | 0.017 | 0.015 | 0.38 |
| DZCT | | 102 | 64 | -17276.51760 | 0.017 | 1.128 |
| | | | | 0.017 | 0.015 | 0.88 |
| GROUP: C020211.ASC ,obs#: 352 | | | | | | |
| DXCT | | TXPR | 65 | 8614.66880 | -0.000 | -0.017 |
| | | | | 0.023 | 0.023 | 0.01 |
| DYCT | | TXPR | 65 | 10695.88980 | 0.021 | 0.894 |
| | | | | 0.023 | 0.023 | 0.76 |
| DZCT | | TXPR | 65 | 23819.79510 | -0.007 | -0.287 |
| | | | | 0.023 | 0.023 | 0.24 |
| GROUP: C020211.ASC ,obs#: 353 | | | | | | |
| DXCT | | 102 | 65 | 312.45980 | -0.000 | 0.000* |
| | | | | 0.000 | 0.000 | 0.00 |
| DYCT | | 102 | 65 | -61.29370 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.04 |
| DZCT | | 102 | 65 | -38.80630 | 0.000 | 0.000* |
| | | | | 0.000 | 0.000 | 0.02 |
| GROUP: C020311.ASC ,obs#: 354 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20580 | 0.003 | 0.121 |
| | | | | 0.023 | 0.023 | 0.10 |
| DYCT | | TXPR | 102 | 10757.18440 | 0.020 | 0.859 |
| | | | | 0.023 | 0.023 | 0.73 |
| DZCT | | TXPR | 102 | 23858.60090 | -0.006 | -0.266 |
| | | | | 0.023 | 0.023 | 0.23 |
| GROUP: C020311.ASC ,obs#: 355 | | | | | | |
| DXCT | | 102 | 66 | -12708.18580 | -0.005 | -0.237 |
| | | | | 0.021 | 0.020 | 0.19 |
| DYCT | | 102 | 66 | -8033.43160 | 0.026 | 1.252 |
| | | | | 0.021 | 0.020 | 1.03 |
| DZCT | | 102 | 66 | -19674.04880 | -0.003 | -0.172 |
| | | | | 0.021 | 0.020 | 0.14 |
| GROUP: C020311.ASC ,obs#: 356 | | | | | | |
| DXCT | | TXPR | 66 | -4405.98230 | 0.000 | 0.218 |
| | | | | 0.006 | 0.001 | 0.05 |
| DYCT | | TXPR | 66 | 2723.80060 | -0.002 | -1.253 |
| | | | | 0.006 | 0.002 | 0.32 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | TXPR | 66 | 4184.54210 | 0.000 | 0.219 |
| | | | | 0.006 | 0.001 | 0.05 |
| GROUP: C020311.ASC ,obs#: 357 | | | | | | |
| DXCT | | 102 | 67 | -12663.54240 | -0.007 | -0.360 |
| | | | | 0.021 | 0.020 | 0.29 |
| DYCT | | 102 | 67 | -7815.30940 | 0.010 | 0.494 |
| | | | | 0.021 | 0.020 | 0.41 |
| DZCT | | 102 | 67 | -19224.45840 | 0.014 | 0.713 |
| | | | | 0.021 | 0.020 | 0.58 |
| GROUP: C020311.ASC ,obs#: 358 | | | | | | |
| DXCT | | TXPR | 67 | -4361.34150 | 0.001 | 0.356 |
| | | | | 0.006 | 0.002 | 0.08 |
| DYCT | | TXPR | 67 | 2941.90580 | -0.001 | -0.465 |
| | | | | 0.006 | 0.002 | 0.12 |
| DZCT | | TXPR | 67 | 4634.15160 | -0.001 | -0.698 |
| | | | | 0.006 | 0.002 | 0.17 |
| GROUP: C020311.ASC ,obs#: 359 | | | | | | |
| DXCT | | 102 | 68 | -12180.27580 | -0.003 | -0.157 |
| | | | | 0.019 | 0.018 | 0.12 |
| DYCT | | 102 | 68 | -7107.36060 | -0.009 | -0.502 |
| | | | | 0.019 | 0.018 | 0.40 |
| DZCT | | 102 | 68 | -17668.14110 | 0.019 | 1.066 |
| | | | | 0.019 | 0.018 | 0.85 |
| GROUP: C020311.ASC ,obs#: 360 | | | | | | |
| DXCT | | TXPR | 68 | -3878.07040 | 0.000 | 0.166 |
| | | | | 0.007 | 0.002 | 0.05 |
| DYCT | | TXPR | 68 | 3649.83350 | 0.001 | 0.520 |
| | | | | 0.007 | 0.002 | 0.16 |
| DZCT | | TXPR | 68 | 6190.47540 | -0.003 | -1.075 |
| | | | | 0.007 | 0.002 | 0.32 |
| GROUP: C020311.ASC ,obs#: 361 | | | | | | |
| DXCT | | 102 | 69 | -12571.44010 | 0.001 | 0.084 |
| | | | | 0.018 | 0.016 | 0.06 |
| DYCT | | 102 | 69 | -6063.18330 | 0.006 | 0.375 |
| | | | | 0.018 | 0.016 | 0.29 |
| DZCT | | 102 | 69 | -15689.38470 | -0.015 | -0.961 |
| | | | | 0.018 | 0.016 | 0.73 |
| GROUP: C020311.ASC ,obs#: 362 | | | | | | |
| DXCT | | TXPR | 69 | -4269.22980 | -0.000 | -0.093 |
| | | | | 0.009 | 0.004 | 0.03 |
| DYCT | | TXPR | 69 | 4694.02880 | -0.002 | -0.401 |
| | | | | 0.009 | 0.004 | 0.16 |
| DZCT | | TXPR | 69 | 8169.19080 | 0.004 | 0.971 |
| | | | | 0.009 | 0.004 | 0.37 |
| GROUP: C020311.ASC ,obs#: 363 | | | | | | |
| DXCT | | 102 | 70 | -11144.29630 | 0.000 | 0.038 |
| | | | | 0.016 | 0.013 | 0.03 |
| DYCT | | 102 | 70 | -5297.06430 | -0.006 | -0.476 |
| | | | | 0.016 | 0.013 | 0.34 |
| DZCT | | 102 | 70 | -13747.49840 | 0.005 | 0.354 |
| | | | | 0.016 | 0.013 | 0.25 |
| GROUP: C020311.ASC ,obs#: 364 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | TXPR | 70 | -2842.08700 | -0.000 | -0.037 |
| | | | | 0.010 | 0.005 | 0.02 |
| DYCT | | TXPR | 70 | 5460.13120 | 0.003 | 0.478 |
| | | | | 0.010 | 0.006 | 0.23 |
| DZCT | | TXPR | 70 | 10111.10290 | -0.002 | -0.357 |
| | | | | 0.010 | 0.005 | 0.16 |
| GROUP: C020311.ASC ,obs#: 365 | | | | | | |
| DXCT | | 102 | 71 | -10400.15180 | 0.008 | 0.561 |
| | | | | 0.017 | 0.015 | 0.42 |
| DYCT | | 102 | 71 | -6194.52170 | 0.016 | 1.070 |
| | | | | 0.017 | 0.015 | 0.81 |
| DZCT | | 102 | 71 | -15328.61610 | 0.009 | 0.639 |
| | | | | 0.017 | 0.015 | 0.48 |
| GROUP: C020311.ASC ,obs#: 366 | | | | | | |
| DXCT | | TXPR | 71 | -2097.93280 | -0.002 | -0.570 |
| | | | | 0.008 | 0.004 | 0.22 |
| DYCT | | TXPR | 71 | 4562.70290 | -0.004 | -1.069 |
| | | | | 0.009 | 0.004 | 0.43 |
| DZCT | | TXPR | 71 | 8529.99040 | -0.002 | -0.628 |
| | | | | 0.008 | 0.004 | 0.24 |
| GROUP: C020411.ASC ,obs#: 367 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20650 | 0.002 | 0.091 |
| | | | | 0.023 | 0.023 | 0.08 |
| DYCT | | TXPR | 102 | 10757.17900 | 0.025 | 1.090 |
| | | | | 0.023 | 0.023 | 0.93 |
| DZCT | | TXPR | 102 | 23858.60450 | -0.010 | -0.421 |
| | | | | 0.023 | 0.023 | 0.36 |
| GROUP: C020411.ASC ,obs#: 368 | | | | | | |
| DXCT | | 102 | 72 | -3638.86610 | -0.000 | -0.005 |
| | | | | 0.008 | 0.003 | 0.00 |
| DYCT | | 102 | 72 | -3278.71510 | -0.011 | -3.205 |
| | | | | 0.008 | 0.003 | 1.18 |
| DZCT | | 102 | 72 | -7565.48830 | 0.008 | 2.314 |
| | | | | 0.008 | 0.003 | 0.85 |
| GROUP: C020411.ASC ,obs#: 369 | | | | | | |
| DXCT | | TXPR | 72 | 4663.34160 | 0.001 | 0.063 |
| | | | | 0.016 | 0.014 | 0.05 |
| DYCT | | TXPR | 72 | 7478.43040 | 0.048 | 3.280 |
| | | | | 0.016 | 0.015 | 2.61 |
| DZCT | | TXPR | 72 | 16293.14930 | -0.035 | -2.420 |
| | | | | 0.016 | 0.015 | 1.90 |
| GROUP: C020411.ASC ,obs#: 370 | | | | | | |
| DXCT | | 102 | 73 | -4263.92110 | -0.003 | -0.412 |
| | | | | 0.011 | 0.007 | 0.23 |
| DYCT | | 102 | 73 | -5027.25040 | 0.005 | 0.670 |
| | | | | 0.011 | 0.007 | 0.38 |
| DZCT | | 102 | 73 | -11234.49750 | -0.005 | -0.707 |
| | | | | 0.011 | 0.007 | 0.40 |
| GROUP: C020411.ASC ,obs#: 371 | | | | | | |
| DXCT | | TXPR | 73 | 4038.28080 | 0.004 | 0.408 |
| | | | | 0.012 | 0.009 | 0.26 |
| DYCT | | TXPR | 73 | 5729.96530 | -0.006 | -0.677 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.012 | 0.009 | 0.44 |
| DZCT | | TXPR | 73 | 12624.08550 | 0.007 | 0.714 |
| | | | | 0.012 | 0.009 | 0.45 |
| GROUP: C020411.ASC ,obs#: 372 | | | | | | |
| DXCT | | TXPR | 74 | 3232.29270 | -0.004 | -0.665 |
| | | | | 0.010 | 0.006 | 0.33 |
| DYCT | | TXPR | 74 | 4670.82850 | 0.002 | 0.320 |
| | | | | 0.010 | 0.006 | 0.16 |
| DZCT | | TXPR | 74 | 10278.25640 | -0.003 | -0.546 |
| | | | | 0.010 | 0.006 | 0.28 |
| GROUP: C020411.ASC ,obs#: 373 | | | | | | |
| DXCT | | 102 | 74 | -5069.92690 | 0.007 | 0.665 |
| | | | | 0.013 | 0.011 | 0.45 |
| DYCT | | 102 | 74 | -6086.37050 | -0.004 | -0.321 |
| | | | | 0.014 | 0.011 | 0.22 |
| DZCT | | 102 | 74 | -13580.34740 | 0.006 | 0.547 |
| | | | | 0.013 | 0.011 | 0.37 |
| GROUP: C020411.ASC ,obs#: 374 | | | | | | |
| DXCT | | TXPR | 75 | 2419.53120 | -0.001 | -0.249 |
| | | | | 0.009 | 0.005 | 0.11 |
| DYCT | | TXPR | 75 | 4341.39120 | 0.000 | 0.010 |
| | | | | 0.009 | 0.005 | 0.00 |
| DZCT | | TXPR | 75 | 9383.35380 | -0.002 | -0.409 |
| | | | | 0.009 | 0.005 | 0.18 |
| GROUP: C020411.ASC ,obs#: 375 | | | | | | |
| DXCT | | 102 | 75 | -5882.68160 | 0.003 | 0.250 |
| | | | | 0.014 | 0.012 | 0.18 |
| DYCT | | 102 | 75 | -6415.81310 | -0.000 | -0.009 |
| | | | | 0.015 | 0.012 | 0.01 |
| DZCT | | 102 | 75 | -14475.24780 | 0.005 | 0.409 |
| | | | | 0.014 | 0.012 | 0.29 |
| GROUP: C020411.ASC ,obs#: 376 | | | | | | |
| DXCT | | 102 | 76 | -10805.16170 | -0.002 | -0.110 |
| | | | | 0.018 | 0.017 | 0.09 |
| DYCT | | 102 | 76 | -6958.05710 | 0.021 | 1.243 |
| | | | | 0.018 | 0.017 | 0.98 |
| DZCT | | 102 | 76 | -16974.07730 | 0.008 | 0.478 |
| | | | | 0.018 | 0.017 | 0.38 |
| GROUP: C020411.ASC ,obs#: 377 | | | | | | |
| DXCT | | TXPR | 76 | -2502.95520 | 0.000 | 0.103 |
| | | | | 0.007 | 0.003 | 0.03 |
| DYCT | | TXPR | 76 | 3799.17160 | -0.003 | -1.234 |
| | | | | 0.007 | 0.003 | 0.40 |
| DZCT | | TXPR | 76 | 6884.52660 | -0.001 | -0.458 |
| | | | | 0.007 | 0.003 | 0.14 |
| GROUP: C020411.ASC ,obs#: 378 | | | | | | |
| DXCT | | 102 | 77 | -11317.53410 | -0.007 | -0.423 |
| | | | | 0.019 | 0.017 | 0.33 |
| DYCT | | 102 | 77 | -7036.99790 | 0.018 | 1.015 |
| | | | | 0.019 | 0.017 | 0.81 |
| DZCT | | 102 | 77 | -17280.17580 | 0.003 | 0.164 |
| | | | | 0.019 | 0.017 | 0.13 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C020411.ASC ,obs#: 379 | | | | | | |
| DXCT | | TXPR | 77 | -3015.33380 | 0.001 | 0.416 |
| | | | | 0.007 | 0.002 | 0.12 |
| DYCT | | TXPR | 77 | 3720.22680 | -0.003 | -1.007 |
| | | | | 0.007 | 0.003 | 0.31 |
| DZCT | | TXPR | 77 | 6578.42210 | -0.000 | -0.140 |
| | | | | 0.007 | 0.002 | 0.04 |
| GROUP: C020511.ASC ,obs#: 380 | | | | | | |
| DXCT | | TXPR | 102 | 8302.20820 | 0.000 | 0.017 |
| | | | | 0.023 | 0.023 | 0.01 |
| DYCT | | TXPR | 102 | 10757.20530 | -0.001 | -0.036 |
| | | | | 0.023 | 0.023 | 0.03 |
| DZCT | | TXPR | 102 | 23858.58670 | 0.008 | 0.345 |
| | | | | 0.023 | 0.023 | 0.29 |
| GROUP: C020511.ASC ,obs#: 381 | | | | | | |
| DXCT | | 102 | 78 | -12977.78390 | 0.001 | 0.089 |
| | | | | 0.014 | 0.010 | 0.05 |
| DYCT | | 102 | 78 | -3037.49720 | -0.000 | -0.040 |
| | | | | 0.016 | 0.010 | 0.02 |
| DZCT | | 102 | 78 | -9741.78890 | -0.009 | -0.901 |
| | | | | 0.015 | 0.010 | 0.55 |
| GROUP: C020511.ASC ,obs#: 382 | | | | | | |
| DXCT | | TXPR | 78 | -4675.57300 | -0.001 | -0.134 |
| | | | | 0.015 | 0.011 | 0.08 |
| DYCT | | TXPR | 78 | 7719.70790 | -0.001 | -0.077 |
| | | | | 0.018 | 0.014 | 0.06 |
| DZCT | | TXPR | 78 | 14116.78640 | 0.010 | 0.880 |
| | | | | 0.016 | 0.012 | 0.62 |
| GROUP: C020511.ASC ,obs#: 383 | | | | | | |
| DXCT | | 102 | 79 | -25504.05190 | -0.003 | -0.179 |
| | | | | 0.024 | 0.019 | 0.12 |
| DYCT | | 102 | 79 | -2579.46730 | -0.003 | -0.139 |
| | | | | 0.024 | 0.019 | 0.09 |
| DZCT | | 102 | 79 | -12432.16350 | -0.003 | -0.171 |
| | | | | 0.024 | 0.019 | 0.11 |
| GROUP: C020511.ASC ,obs#: 384 | | | | | | |
| DXCT | | TXPR | 79 | -17201.84880 | 0.002 | 0.179 |
| | | | | 0.019 | 0.012 | 0.09 |
| DYCT | | TXPR | 79 | 8177.73290 | 0.002 | 0.133 |
| | | | | 0.020 | 0.012 | 0.07 |
| DZCT | | TXPR | 79 | 11426.42600 | 0.002 | 0.163 |
| | | | | 0.019 | 0.012 | 0.09 |
| GROUP: C020511.ASC ,obs#: 385 | | | | | | |
| DXCT | | 102 | 80 | -33027.27390 | 0.002 | 0.084 |
| | | | | 0.030 | 0.022 | 0.05 |
| DYCT | | 102 | 80 | -613.81480 | 0.010 | 0.427 |
| | | | | 0.030 | 0.022 | 0.28 |
| DZCT | | 102 | 80 | -10706.23990 | -0.006 | -0.252 |
| | | | | 0.030 | 0.022 | 0.16 |
| GROUP: C020511.ASC ,obs#: 386 | | | | | | |
| DXCT | | TXPR | 80 | -24725.06200 | -0.001 | -0.085 |
| | | | | 0.025 | 0.017 | 0.05 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | TXPR | 80 | 10143.40640 | -0.007 | -0.428 |
| | | | | 0.026 | 0.017 | 0.24 |
| DZCT | | TXPR | 80 | 13152.34500 | 0.004 | 0.253 |
| | | | | 0.025 | 0.017 | 0.14 |
| GROUP: C021011.ASC ,obs#: 387 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95450 | 0.008 | 0.492 |
| | | | | 0.017 | 0.017 | 0.42 |
| DYCT | | 1001 | 1002 | 8677.02960 | 0.004 | 0.217 |
| | | | | 0.017 | 0.017 | 0.18 |
| DZCT | | 1001 | 1002 | 17702.89290 | 0.014 | 0.823 |
| | | | | 0.017 | 0.017 | 0.70 |
| GROUP: C021011.ASC ,obs#: 388 | | | | | | |
| DXCT | | 1001 | 263 | 737.07650 | 0.021 | 1.240 |
| | | | | 0.017 | 0.017 | 1.05 |
| DYCT | | 1001 | 263 | 8896.61300 | 0.039 | 2.271 |
| | | | | 0.017 | 0.017 | 1.94 |
| DZCT | | 1001 | 263 | 17963.45410 | -0.015 | -0.847 |
| | | | | 0.017 | 0.017 | 0.72 |
| GROUP: C021011.ASC ,obs#: 389 | | | | | | |
| DXCT | | 1002 | 263 | -647.86510 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.07 |
| DYCT | | 1002 | 263 | 219.61880 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.20 |
| DZCT | | 1002 | 263 | 260.53280 | 0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.14 |
| GROUP: C021011.ASC ,obs#: 390 | | | | | | |
| DXCT | | 1001 | 264 | 706.21360 | 0.009 | 0.483 |
| | | | | 0.020 | 0.019 | 0.41 |
| DYCT | | 1001 | 264 | 10317.32040 | 0.023 | 1.174 |
| | | | | 0.020 | 0.020 | 0.99 |
| DZCT | | 1001 | 264 | 20782.94440 | 0.001 | 0.035 |
| | | | | 0.020 | 0.020 | 0.03 |
| GROUP: C021011.ASC ,obs#: 391 | | | | | | |
| DXCT | | 1002 | 264 | -678.73950 | -0.000 | -0.486 |
| | | | | 0.003 | 0.000 | 0.06 |
| DYCT | | 1002 | 264 | 1640.31070 | -0.001 | -1.175 |
| | | | | 0.003 | 0.000 | 0.16 |
| DZCT | | 1002 | 264 | 3080.03840 | -0.000 | -0.023 |
| | | | | 0.003 | 0.000 | 0.00 |
| GROUP: C021011.ASC ,obs#: 392 | | | | | | |
| DXCT | | 1001 | 265 | -1981.78470 | 0.003 | 0.163 |
| | | | | 0.020 | 0.020 | 0.14 |
| DYCT | | 1001 | 265 | 10747.51170 | 0.001 | 0.036 |
| | | | | 0.020 | 0.020 | 0.03 |
| DZCT | | 1001 | 265 | 20906.68110 | 0.019 | 0.965 |
| | | | | 0.020 | 0.020 | 0.80 |
| GROUP: C021011.ASC ,obs#: 393 | | | | | | |
| DXCT | | 1002 | 265 | -3366.74410 | -0.000 | -0.163 |
| | | | | 0.004 | 0.001 | 0.03 |
| DYCT | | 1002 | 265 | 2070.47920 | -0.000 | -0.033 |
| | | | | 0.004 | 0.001 | 0.01 |
| DZCT | | 1002 | 265 | 3203.79420 | -0.001 | -0.965 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.004 | 0.001 | 0.17 |
| GROUP: C021011.ASC ,obs#: 394 | | | | | | |
| DXCT | | 1001 | 266 | -2476.39830 | 0.005 | 0.466 |
| | | | | 0.013 | 0.011 | 0.36 |
| DYCT | | 1001 | 266 | 6776.05630 | -0.018 | -1.604 |
| | | | | 0.013 | 0.011 | 1.25 |
| DZCT | | 1001 | 266 | 12869.47560 | 0.016 | 1.370 |
| | | | | 0.013 | 0.011 | 1.06 |
| GROUP: C021011.ASC ,obs#: 395 | | | | | | |
| DXCT | | 1002 | 266 | -3861.35470 | -0.001 | -0.463 |
| | | | | 0.006 | 0.002 | 0.16 |
| DYCT | | 1002 | 266 | -1900.99890 | 0.004 | 1.606 |
| | | | | 0.006 | 0.002 | 0.55 |
| DZCT | | 1002 | 266 | -4833.41240 | -0.003 | -1.373 |
| | | | | 0.006 | 0.002 | 0.47 |
| GROUP: C021011.ASC ,obs#: 396 | | | | | | |
| DXCT | | 1001 | 267 | -5720.88980 | 0.002 | 0.242 |
| | | | | 0.012 | 0.010 | 0.17 |
| DYCT | | 1001 | 267 | 6473.53000 | -0.004 | -0.440 |
| | | | | 0.012 | 0.010 | 0.31 |
| DZCT | | 1001 | 267 | 11379.38050 | 0.010 | 0.953 |
| | | | | 0.012 | 0.010 | 0.67 |
| GROUP: C021011.ASC ,obs#: 397 | | | | | | |
| DXCT | | 1002 | 267 | -7105.84900 | -0.001 | -0.242 |
| | | | | 0.008 | 0.005 | 0.12 |
| DYCT | | 1002 | 267 | -2203.50970 | 0.002 | 0.441 |
| | | | | 0.008 | 0.005 | 0.21 |
| DZCT | | 1002 | 267 | -6323.51220 | -0.004 | -0.953 |
| | | | | 0.008 | 0.005 | 0.46 |
| GROUP: C021011.ASC ,obs#: 398 | | | | | | |
| DXCT | | 1001 | 268 | -5578.10740 | 0.005 | 0.412 |
| | | | | 0.015 | 0.013 | 0.32 |
| DYCT | | 1001 | 268 | 7903.14140 | -0.010 | -0.713 |
| | | | | 0.015 | 0.014 | 0.56 |
| DZCT | | 1001 | 268 | 14268.80560 | 0.028 | 2.043 |
| | | | | 0.015 | 0.013 | 1.60 |
| GROUP: C021011.ASC ,obs#: 399 | | | | | | |
| DXCT | | 1002 | 268 | -6963.06350 | -0.001 | -0.420 |
| | | | | 0.007 | 0.003 | 0.15 |
| DYCT | | 1002 | 268 | -773.90340 | 0.002 | 0.691 |
| | | | | 0.007 | 0.003 | 0.24 |
| DZCT | | 1002 | 268 | -3434.06800 | -0.006 | -2.037 |
| | | | | 0.007 | 0.003 | 0.71 |
| GROUP: C021011.ASC ,obs#: 400 | | | | | | |
| DXCT | | 1001 | 269 | -5418.05350 | 0.012 | 0.737 |
| | | | | 0.017 | 0.016 | 0.59 |
| DYCT | | 1001 | 269 | 9368.98980 | 0.012 | 0.749 |
| | | | | 0.017 | 0.016 | 0.61 |
| DZCT | | 1001 | 269 | 17230.74340 | 0.011 | 0.646 |
| | | | | 0.017 | 0.016 | 0.52 |
| GROUP: C021011.ASC ,obs#: 401 | | | | | | |
| DXCT | | 1002 | 269 | -6803.00280 | -0.001 | -0.738 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.002 | 0.20 |
| DYCT | | 1002 | 269 | 691.97030 | -0.001 | -0.749 |
| | | | | 0.006 | 0.002 | 0.20 |
| DZCT | | 1002 | 269 | -472.15150 | -0.001 | -0.646 |
| | | | | 0.006 | 0.002 | 0.18 |
| GROUP: C021011.ASC ,obs#: 402 | | | | | | |
| DXCT | | 1001 | 270 | -5227.02540 | 0.005 | 0.266 |
| | | | | 0.020 | 0.019 | 0.22 |
| DYCT | | 1001 | 270 | 10599.18510 | 0.033 | 1.740 |
| | | | | 0.020 | 0.019 | 1.43 |
| DZCT | | 1001 | 270 | 19730.20150 | 0.004 | 0.195 |
| | | | | 0.020 | 0.019 | 0.16 |
| GROUP: C021011.ASC ,obs#: 403 | | | | | | |
| DXCT | | 1002 | 270 | -6611.98270 | -0.000 | -0.267 |
| | | | | 0.006 | 0.002 | 0.07 |
| DYCT | | 1002 | 270 | 1922.18790 | -0.003 | -1.740 |
| | | | | 0.006 | 0.002 | 0.45 |
| DZCT | | 1002 | 270 | 2027.29880 | -0.000 | -0.192 |
| | | | | 0.006 | 0.002 | 0.05 |
| GROUP: C021111.ASC ,obs#: 404 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95450 | 0.008 | 0.492 |
| | | | | 0.017 | 0.017 | 0.42 |
| DYCT | | 1001 | 1002 | 8677.03660 | -0.003 | -0.201 |
| | | | | 0.017 | 0.017 | 0.17 |
| DZCT | | 1001 | 1002 | 17702.88670 | 0.020 | 1.193 |
| | | | | 0.017 | 0.017 | 1.01 |
| GROUP: C021111.ASC ,obs#: 405 | | | | | | |
| DXCT | | 1002 | 271 | 5255.63640 | -0.000 | -0.230 |
| | | | | 0.005 | 0.001 | 0.05 |
| DYCT | | 1002 | 271 | -924.12810 | -0.001 | -1.066 |
| | | | | 0.005 | 0.001 | 0.24 |
| DZCT | | 1002 | 271 | -419.54300 | -0.000 | -0.282 |
| | | | | 0.005 | 0.001 | 0.06 |
| GROUP: C021111.ASC ,obs#: 406 | | | | | | |
| DXCT | | 1001 | 271 | 6640.59510 | 0.004 | 0.229 |
| | | | | 0.017 | 0.016 | 0.19 |
| DYCT | | 1001 | 271 | 7752.88620 | 0.018 | 1.066 |
| | | | | 0.017 | 0.017 | 0.88 |
| DZCT | | 1001 | 271 | 17283.35870 | 0.005 | 0.283 |
| | | | | 0.017 | 0.016 | 0.23 |
| GROUP: C021111.ASC ,obs#: 407 | | | | | | |
| DXCT | | 1002 | 272 | 8612.05940 | -0.003 | -0.726 |
| | | | | 0.008 | 0.004 | 0.29 |
| DYCT | | 1002 | 272 | -2980.96070 | -0.004 | -1.068 |
| | | | | 0.008 | 0.004 | 0.43 |
| DZCT | | 1002 | 272 | -3616.10580 | -0.003 | -0.834 |
| | | | | 0.008 | 0.004 | 0.34 |
| GROUP: C021111.ASC ,obs#: 408 | | | | | | |
| DXCT | | 1001 | 272 | 9997.00940 | 0.010 | 0.726 |
| | | | | 0.016 | 0.014 | 0.54 |
| DYCT | | 1001 | 272 | 5696.05370 | 0.015 | 1.059 |
| | | | | 0.016 | 0.014 | 0.80 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1001 | 272 | 14086.78630 | 0.011 | 0.820 |
| | | | | 0.016 | 0.014 | 0.62 |
| GROUP: C021111.ASC ,obs#: 409 | | | | | | |
| DXCT | | 1002 | 273 | 8300.53460 | -0.003 | -0.480 |
| | | | | 0.010 | 0.006 | 0.25 |
| DYCT | | 1002 | 273 | -4465.66190 | -0.007 | -1.164 |
| | | | | 0.010 | 0.006 | 0.59 |
| DZCT | | 1002 | 273 | -6660.79510 | -0.004 | -0.663 |
| | | | | 0.010 | 0.006 | 0.34 |
| GROUP: C021111.ASC ,obs#: 410 | | | | | | |
| DXCT | | 1001 | 273 | 9685.48950 | 0.005 | 0.482 |
| | | | | 0.013 | 0.010 | 0.33 |
| DYCT | | 1001 | 273 | 4211.35230 | 0.012 | 1.141 |
| | | | | 0.013 | 0.011 | 0.80 |
| DZCT | | 1001 | 273 | 11042.10110 | 0.007 | 0.607 |
| | | | | 0.014 | 0.011 | 0.43 |
| GROUP: C021111.ASC ,obs#: 411 | | | | | | |
| DXCT | | 1002 | 274 | 6604.70660 | -0.002 | -0.294 |
| | | | | 0.010 | 0.007 | 0.17 |
| DYCT | | 1002 | 274 | -5104.56900 | 0.007 | 1.043 |
| | | | | 0.010 | 0.007 | 0.60 |
| DZCT | | 1002 | 274 | -8392.20130 | -0.010 | -1.473 |
| | | | | 0.010 | 0.007 | 0.85 |
| GROUP: C021111.ASC ,obs#: 412 | | | | | | |
| DXCT | | 1001 | 274 | 7989.66500 | 0.002 | 0.294 |
| | | | | 0.011 | 0.008 | 0.18 |
| DYCT | | 1001 | 274 | 3572.47970 | -0.008 | -1.044 |
| | | | | 0.011 | 0.008 | 0.65 |
| DZCT | | 1001 | 274 | 9310.68360 | 0.012 | 1.473 |
| | | | | 0.011 | 0.008 | 0.92 |
| GROUP: C021111.ASC ,obs#: 413 | | | | | | |
| DXCT | | 1002 | 275 | 6412.01170 | -0.005 | -0.539 |
| | | | | 0.012 | 0.010 | 0.37 |
| DYCT | | 1002 | 275 | -6534.30200 | 0.012 | 1.169 |
| | | | | 0.013 | 0.010 | 0.82 |
| DZCT | | 1002 | 275 | -11300.05110 | -0.007 | -0.725 |
| | | | | 0.012 | 0.010 | 0.50 |
| GROUP: C021111.ASC ,obs#: 414 | | | | | | |
| DXCT | | 1001 | 275 | 7796.96630 | 0.003 | 0.538 |
| | | | | 0.009 | 0.005 | 0.26 |
| DYCT | | 1001 | 275 | 2142.74910 | -0.006 | -1.170 |
| | | | | 0.009 | 0.005 | 0.58 |
| DZCT | | 1001 | 275 | 6402.84460 | 0.004 | 0.728 |
| | | | | 0.009 | 0.005 | 0.36 |
| GROUP: C021111.ASC ,obs#: 415 | | | | | | |
| DXCT | | 1002 | 276 | 3206.59410 | -0.005 | -0.346 |
| | | | | 0.014 | 0.013 | 0.28 |
| DYCT | | 1002 | 276 | -7607.72040 | -0.005 | -0.367 |
| | | | | 0.015 | 0.014 | 0.30 |
| DZCT | | 1002 | 276 | -14313.70400 | -0.012 | -0.926 |
| | | | | 0.014 | 0.013 | 0.74 |
| GROUP: C021111.ASC ,obs#: 416 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1001 | 276 | 4591.55170 | 0.001 | 0.346 |
| | | | | 0.005 | 0.002 | 0.10 |
| DYCT | | 1001 | 276 | 1069.30720 | 0.001 | 0.369 |
| | | | | 0.005 | 0.002 | 0.11 |
| DZCT | | 1001 | 276 | 3389.18890 | 0.002 | 0.927 |
| | | | | 0.005 | 0.002 | 0.26 |
| GROUP: C021111.ASC ,obs#: 417 | | | | | | |
| DXCT | | 1002 | 277 | 317.19700 | 0.001 | 0.182 |
| | | | | 0.009 | 0.007 | 0.12 |
| DYCT | | 1002 | 277 | -5000.65190 | 0.023 | 3.188 |
| | | | | 0.010 | 0.007 | 2.12 |
| DZCT | | 1002 | 277 | -9881.04530 | -0.005 | -0.664 |
| | | | | 0.009 | 0.007 | 0.44 |
| GROUP: C021111.ASC ,obs#: 418 | | | | | | |
| DXCT | | 1001 | 277 | 1702.16200 | -0.001 | -0.198 |
| | | | | 0.008 | 0.005 | 0.10 |
| DYCT | | 1001 | 277 | 3676.42000 | -0.015 | -3.194 |
| | | | | 0.008 | 0.005 | 1.73 |
| DZCT | | 1001 | 277 | 7821.85330 | 0.003 | 0.692 |
| | | | | 0.008 | 0.005 | 0.37 |
| GROUP: C021111.ASC ,obs#: 419 | | | | | | |
| DXCT | | 1002 | 278 | -2869.15320 | -0.006 | -0.784 |
| | | | | 0.010 | 0.007 | 0.52 |
| DYCT | | 1002 | 278 | -4573.72970 | 0.003 | 0.375 |
| | | | | 0.010 | 0.007 | 0.25 |
| DZCT | | 1002 | 278 | -9891.52640 | 0.008 | 1.090 |
| | | | | 0.010 | 0.007 | 0.72 |
| GROUP: C021111.ASC ,obs#: 420 | | | | | | |
| DXCT | | 1001 | 278 | -1484.20000 | 0.004 | 0.785 |
| | | | | 0.008 | 0.005 | 0.41 |
| DYCT | | 1001 | 278 | 4103.30810 | -0.002 | -0.371 |
| | | | | 0.008 | 0.005 | 0.20 |
| DZCT | | 1001 | 278 | 7811.39360 | -0.005 | -1.090 |
| | | | | 0.008 | 0.005 | 0.58 |
| GROUP: C021111.ASC ,obs#: 421 | | | | | | |
| DXCT | | 1002 | 279 | -10453.64170 | -0.005 | -0.499 |
| | | | | 0.013 | 0.009 | 0.32 |
| DYCT | | 1002 | 279 | -3486.58200 | 0.003 | 0.278 |
| | | | | 0.013 | 0.010 | 0.18 |
| DZCT | | 1002 | 279 | -9802.86770 | -0.024 | -2.563 |
| | | | | 0.013 | 0.010 | 1.65 |
| GROUP: C021111.ASC ,obs#: 422 | | | | | | |
| DXCT | | 1001 | 279 | -9068.68730 | 0.004 | 0.497 |
| | | | | 0.011 | 0.007 | 0.28 |
| DYCT | | 1001 | 279 | 5190.45600 | -0.002 | -0.283 |
| | | | | 0.011 | 0.008 | 0.16 |
| DZCT | | 1001 | 279 | 7899.99540 | 0.019 | 2.563 |
| | | | | 0.011 | 0.008 | 1.47 |
| GROUP: C021111.ASC ,obs#: 423 | | | | | | |
| DXCT | | 1002 | 280 | -10216.62570 | -0.004 | -0.693 |
| | | | | 0.010 | 0.006 | 0.35 |
| DYCT | | 1002 | 280 | -1691.91520 | -0.002 | -0.247 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.010 | 0.006 | 0.13 |
| DZCT | | 1002 | 280 | -6156.78100 | -0.004 | -0.654 |
| | | | | 0.010 | 0.006 | 0.33 |
| GROUP: C021111.ASC ,obs#: 424 | | | | | | |
| DXCT | | 1001 | 280 | -8831.67480 | 0.008 | 0.693 |
| | | | | 0.014 | 0.011 | 0.47 |
| DYCT | | 1001 | 280 | 6985.11380 | 0.003 | 0.245 |
| | | | | 0.014 | 0.011 | 0.17 |
| DZCT | | 1001 | 280 | 11546.11450 | 0.007 | 0.652 |
| | | | | 0.014 | 0.011 | 0.45 |
| GROUP: C021111.ASC ,obs#: 425 | | | | | | |
| DXCT | | 1002 | 281 | -10053.50250 | -0.000 | -0.053 |
| | | | | 0.009 | 0.004 | 0.02 |
| DYCT | | 1002 | 281 | -365.13490 | 0.005 | 1.104 |
| | | | | 0.009 | 0.004 | 0.47 |
| DZCT | | 1002 | 281 | -3466.53200 | -0.005 | -1.116 |
| | | | | 0.009 | 0.004 | 0.47 |
| GROUP: C021111.ASC ,obs#: 426 | | | | | | |
| DXCT | | 1001 | 281 | -8668.54070 | 0.001 | 0.051 |
| | | | | 0.016 | 0.014 | 0.04 |
| DYCT | | 1001 | 281 | 8311.91870 | -0.015 | -1.107 |
| | | | | 0.016 | 0.014 | 0.83 |
| DZCT | | 1001 | 281 | 14236.35430 | 0.015 | 1.119 |
| | | | | 0.016 | 0.014 | 0.83 |
| GROUP: C021111.ASC ,obs#: 427 | | | | | | |
| DXCT | | 1002 | 282 | -1249.22310 | -0.001 | -1.226 |
| | | | | 0.003 | 0.001 | 0.25 |
| DYCT | | 1002 | 282 | -1538.69820 | -0.002 | -2.150 |
| | | | | 0.003 | 0.001 | 0.46 |
| DZCT | | 1002 | 282 | -3403.88050 | -0.000 | -0.033 |
| | | | | 0.003 | 0.001 | 0.01 |
| GROUP: C021111.ASC ,obs#: 428 | | | | | | |
| DXCT | | 1001 | 282 | 135.72260 | 0.016 | 1.219 |
| | | | | 0.014 | 0.013 | 1.00 |
| DYCT | | 1001 | 282 | 7138.30430 | 0.029 | 2.147 |
| | | | | 0.014 | 0.013 | 1.81 |
| DZCT | | 1001 | 282 | 14299.02560 | 0.001 | 0.043 |
| | | | | 0.014 | 0.013 | 0.04 |
| GROUP: C021111.ASC ,obs#: 429 | | | | | | |
| DXCT | | 1002 | 283 | 605.31330 | -0.002 | -0.990 |
| | | | | 0.005 | 0.002 | 0.35 |
| DYCT | | 1002 | 283 | -2865.66760 | 0.004 | 1.701 |
| | | | | 0.005 | 0.002 | 0.62 |
| DZCT | | 1002 | 283 | -5542.19360 | -0.002 | -1.001 |
| | | | | 0.005 | 0.002 | 0.36 |
| GROUP: C021111.ASC ,obs#: 430 | | | | | | |
| DXCT | | 1001 | 283 | 1990.26340 | 0.010 | 0.998 |
| | | | | 0.012 | 0.010 | 0.77 |
| DYCT | | 1001 | 283 | 5811.38730 | -0.018 | -1.695 |
| | | | | 0.012 | 0.011 | 1.31 |
| DZCT | | 1001 | 283 | 12160.70050 | 0.010 | 0.987 |
| | | | | 0.012 | 0.010 | 0.76 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: C021111.ASC ,obs#: 431 | | | | | | |
| DXCT | | 1002 | 284 | 1211.72710 | -0.000 | -0.652 |
| | | | | 0.002 | 0.000 | 0.08 |
| DYCT | | 1002 | 284 | -1093.77770 | -0.000 | -0.337 |
| | | | | 0.002 | 0.000 | 0.05 |
| DZCT | | 1002 | 284 | -1850.17700 | -0.000 | -1.294 |
| | | | | 0.002 | 0.000 | 0.17 |
| GROUP: C021111.ASC ,obs#: 432 | | | | | | |
| DXCT | | 1001 | 284 | 2596.67970 | 0.010 | 0.667 |
| | | | | 0.015 | 0.015 | 0.56 |
| DYCT | | 1001 | 284 | 7583.24910 | 0.006 | 0.421 |
| | | | | 0.015 | 0.015 | 0.36 |
| DZCT | | 1001 | 284 | 15852.70920 | 0.020 | 1.341 |
| | | | | 0.015 | 0.015 | 1.13 |
| GROUP: C021111.ASC ,obs#: 433 | | | | | | |
| DXCT | | 1002 | 285 | -1113.96190 | -0.000 | -0.812 |
| | | | | 0.002 | 0.000 | 0.09 |
| DYCT | | 1002 | 285 | -794.73020 | 0.000 | 0.201 |
| | | | | 0.002 | 0.000 | 0.03 |
| DZCT | | 1002 | 285 | -1883.89810 | -0.000 | -1.073 |
| | | | | 0.002 | 0.000 | 0.12 |
| GROUP: C021111.ASC ,obs#: 434 | | | | | | |
| DXCT | | 1001 | 285 | 270.98840 | 0.012 | 0.823 |
| | | | | 0.015 | 0.015 | 0.69 |
| DYCT | | 1001 | 285 | 7882.30560 | -0.003 | -0.167 |
| | | | | 0.015 | 0.015 | 0.14 |
| DZCT | | 1001 | 285 | 15818.99230 | 0.016 | 1.074 |
| | | | | 0.015 | 0.015 | 0.91 |
| GROUP: 052511.ASC ,obs#: 435 | | | | | | |
| DXCT | | 1001 | 1002 | 1384.95800 | 0.005 | 0.283 |
| | | | | 0.017 | 0.017 | 0.24 |
| DYCT | | 1001 | 1002 | 8677.03770 | -0.004 | -0.266 |
| | | | | 0.017 | 0.017 | 0.23 |
| DZCT | | 1001 | 1002 | 17702.89150 | 0.015 | 0.907 |
| | | | | 0.017 | 0.017 | 0.77 |
| GROUP: 052511.ASC ,obs#: 436 | | | | | | |
| DXCT | | 1001 | 286 | 1090.73060 | 0.001 | 0.056 |
| | | | | 0.017 | 0.017 | 0.05 |
| DYCT | | 1001 | 286 | 8684.34080 | 0.013 | 0.742 |
| | | | | 0.017 | 0.017 | 0.64 |
| DZCT | | 1001 | 286 | 17635.57770 | 0.007 | 0.421 |
| | | | | 0.017 | 0.017 | 0.36 |
| GROUP: 052511.ASC ,obs#: 437 | | | | | | |
| DXCT | | 1002 | 286 | -294.23120 | -0.000 | 0.000* |
| | | | | 0.000 | 0.000 | 0.01 |
| DYCT | | 1002 | 286 | 7.32010 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.06 |
| DZCT | | 1002 | 286 | -67.32190 | 0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.02 |
| GROUP: 052511.ASC ,obs#: 438 | | | | | | |
| DXCT | | 1001 | 287 | 525.95290 | -0.001 | -0.062 |
| | | | | 0.017 | 0.017 | 0.05 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1001 | 287 | 9016.08750 | -0.014 | -0.801 |
| | | | | 0.017 | 0.017 | 0.68 |
| DZCT | | 1001 | 287 | 18144.64150 | 0.031 | 1.773 |
| | | | | 0.017 | 0.017 | 1.51 |
| GROUP: 052511.ASC ,obs#: 439 | | | | | | |
| DXCT | | 1002 | 287 | -859.01090 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.01 |
| DYCT | | 1002 | 287 | 339.04030 | 0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.10 |
| DZCT | | 1002 | 287 | 441.76550 | -0.000 | 0.000* |
| | | | | 0.001 | 0.000 | 0.13 |
| GROUP: 052511.ASC ,obs#: 440 | | | | | | |
| DXCT | | 1001 | 288 | -602.86190 | 0.007 | 0.465 |
| | | | | 0.015 | 0.015 | 0.39 |
| DYCT | | 1001 | 288 | 8021.14430 | 0.035 | 2.301 |
| | | | | 0.015 | 0.015 | 1.96 |
| DZCT | | 1001 | 288 | 15858.50130 | 0.001 | 0.085 |
| | | | | 0.015 | 0.015 | 0.07 |
| GROUP: 052511.ASC ,obs#: 441 | | | | | | |
| DXCT | | 1002 | 288 | -1987.81750 | -0.000 | -0.528 |
| | | | | 0.002 | 0.000 | 0.07 |
| DYCT | | 1002 | 288 | -655.85300 | -0.001 | -2.292 |
| | | | | 0.003 | 0.001 | 0.41 |
| DZCT | | 1002 | 288 | -1844.40420 | 0.000 | 0.168 |
| | | | | 0.002 | 0.000 | 0.02 |
| GROUP: 052511.ASC ,obs#: 442 | | | | | | |
| DXCT | | 1001 | 289 | -1601.00060 | 0.002 | 0.148 |
| | | | | 0.013 | 0.012 | 0.12 |
| DYCT | | 1001 | 289 | 7018.67070 | 0.002 | 0.136 |
| | | | | 0.013 | 0.013 | 0.11 |
| DZCT | | 1001 | 289 | 13588.62150 | 0.002 | 0.166 |
| | | | | 0.013 | 0.012 | 0.13 |
| GROUP: 052511.ASC ,obs#: 443 | | | | | | |
| DXCT | | 1002 | 289 | -2985.96130 | -0.000 | -0.149 |
| | | | | 0.005 | 0.002 | 0.04 |
| DYCT | | 1002 | 289 | -1658.36060 | -0.000 | -0.134 |
| | | | | 0.005 | 0.002 | 0.04 |
| DZCT | | 1002 | 289 | -4114.28290 | -0.000 | -0.163 |
| | | | | 0.005 | 0.002 | 0.05 |
| GROUP: 052511.ASC ,obs#: 444 | | | | | | |
| DXCT | | 1001 | 290 | -1745.11410 | -0.008 | -0.832 |
| | | | | 0.011 | 0.010 | 0.62 |
| DYCT | | 1001 | 290 | 6145.17090 | 0.031 | 3.074 |
| | | | | 0.012 | 0.010 | 2.33 |
| DZCT | | 1001 | 290 | 11810.18610 | -0.053 | -5.244 |
| | | | | 0.011 | 0.010 | 3.93 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: 052511.ASC ,obs#: 445 | | | | | | |
| DXCT | | 1002 | 290 | -3130.08750 | 0.002 | 0.803 |
| | | | | 0.006 | 0.003 | 0.32 |
| DYCT | | 1002 | 290 | -2531.82170 | -0.009 | -3.116 |
| | | | | 0.006 | 0.003 | 1.30 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1002 | 290 | -5892.78840 | 0.015 | 5.271 |
| | | | | 0.006 | 0.003 | 2.11 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: 052511.ASC ,obs#: 446 | | | | | | |
| DXCT | | 1001 | 291 | -1980.39970 | 0.000 | 0.011 |
| | | | | 0.010 | 0.008 | 0.01 |
| DYCT | | 1001 | 291 | 5362.42300 | 0.009 | 1.153 |
| | | | | 0.010 | 0.008 | 0.79 |
| DZCT | | 1001 | 291 | 10185.76750 | -0.028 | -3.493 |
| | | | | 0.010 | 0.008 | 2.36 |
| GROUP: 052511.ASC ,obs#: 447 | | | | | | |
| DXCT | | 1002 | 291 | -3365.36230 | -0.000 | -0.013 |
| | | | | 0.008 | 0.005 | 0.01 |
| DYCT | | 1002 | 291 | -3314.59570 | -0.005 | -1.156 |
| | | | | 0.008 | 0.005 | 0.60 |
| DZCT | | 1002 | 291 | -7517.18280 | 0.016 | 3.494 |
| | | | | 0.008 | 0.005 | 1.80 |
| GROUP: 052511.ASC ,obs#: 448 | | | | | | |
| DXCT | | 1001 | 292 | -2300.40780 | -0.001 | -0.290 |
| | | | | 0.007 | 0.004 | 0.13 |
| DYCT | | 1001 | 292 | 3686.66990 | -0.002 | -0.453 |
| | | | | 0.007 | 0.004 | 0.21 |
| DZCT | | 1001 | 292 | 6752.42840 | -0.008 | -2.054 |
| | | | | 0.007 | 0.004 | 0.96 |
| GROUP: 052511.ASC ,obs#: 449 | | | | | | |
| DXCT | | 1002 | 292 | -3685.37420 | 0.003 | 0.289 |
| | | | | 0.011 | 0.009 | 0.21 |
| DYCT | | 1002 | 292 | -4990.36950 | 0.004 | 0.496 |
| | | | | 0.011 | 0.009 | 0.35 |
| DZCT | | 1002 | 292 | -10950.50460 | 0.019 | 2.065 |
| | | | | 0.011 | 0.009 | 1.47 |
| GROUP: 052511.ASC ,obs#: 450 | | | | | | |
| DXCT | | 1001 | 293 | -2272.16150 | -0.002 | -0.933 |
| | | | | 0.006 | 0.003 | 0.35 |
| DYCT | | 1001 | 293 | 3131.58730 | -0.004 | -1.383 |
| | | | | 0.006 | 0.003 | 0.54 |
| DZCT | | 1001 | 293 | 5648.55930 | -0.007 | -2.452 |
| | | | | 0.006 | 0.003 | 0.96 |
| GROUP: 052511.ASC ,obs#: 451 | | | | | | |
| DXCT | | 1002 | 293 | -3657.13640 | 0.010 | 0.931 |
| | | | | 0.012 | 0.010 | 0.71 |
| DYCT | | 1002 | 293 | -5545.46490 | 0.015 | 1.447 |
| | | | | 0.012 | 0.011 | 1.11 |
| DZCT | | 1002 | 293 | -12054.38020 | 0.026 | 2.492 |
| | | | | 0.012 | 0.011 | 1.90 |
| GROUP: 052611.ASC ,obs#: 452 | | | | | | |
| DXCT | | 1001 | 300 | 6523.85840 | 0.010 | 0.745 |
| | | | | 0.014 | 0.013 | 0.59 |
| DYCT | | 1001 | 300 | 6220.78890 | 0.041 | 3.080 |
| | | | | 0.015 | 0.013 | 2.46 |
| DZCT | | 1001 | 300 | 14199.85700 | -0.007 | -0.556 |
| | | | | 0.015 | 0.013 | 0.44 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: 052611.ASC ,obs#: 453 | | | | | | |
| DXCT | | 1002 | 300 | 5138.90710 | -0.002 | -0.740 |
| | | | | 0.006 | 0.002 | 0.23 |
| DYCT | | 1002 | 300 | -2456.19640 | -0.006 | -3.077 |
| | | | | 0.006 | 0.002 | 0.97 |
| DZCT | | 1002 | 300 | -3503.05830 | 0.001 | 0.541 |
| | | | | 0.006 | 0.002 | 0.17 |
| GROUP: 052611.ASC ,obs#: 454 | | | | | | |
| DXCT | | 1002 | 1001 | -1384.96620 | 0.003 | 0.206 |
| | | | | 0.017 | 0.017 | 0.17 |
| DYCT | | 1002 | 1001 | -8677.00320 | -0.030 | -1.791 |
| | | | | 0.017 | 0.017 | 1.52 |
| DZCT | | 1002 | 1001 | -17702.90860 | 0.002 | 0.114 |
| | | | | 0.017 | 0.017 | 0.10 |
| GROUP: 052611.ASC ,obs#: 455 | | | | | | |
| DXCT | | 1001 | 301 | 6995.36660 | 0.007 | 0.438 |
| | | | | 0.016 | 0.015 | 0.35 |
| DYCT | | 1001 | 301 | 7015.38460 | 0.015 | 0.980 |
| | | | | 0.016 | 0.015 | 0.80 |
| DZCT | | 1001 | 301 | 15911.68290 | -0.010 | -0.644 |
| | | | | 0.016 | 0.015 | 0.52 |
| GROUP: 052611.ASC ,obs#: 456 | | | | | | |
| DXCT | | 1002 | 301 | 5610.41120 | -0.001 | -0.441 |
| | | | | 0.005 | 0.002 | 0.12 |
| DYCT | | 1002 | 301 | -1661.63200 | -0.002 | -0.984 |
| | | | | 0.005 | 0.002 | 0.27 |
| DZCT | | 1002 | 301 | -1791.23460 | 0.001 | 0.647 |
| | | | | 0.005 | 0.002 | 0.17 |
| GROUP: 052611.ASC ,obs#: 457 | | | | | | |
| DXCT | | 1001 | 302 | 6686.83100 | 0.004 | 0.255 |
| | | | | 0.018 | 0.017 | 0.21 |
| DYCT | | 1001 | 302 | 8066.50890 | -0.003 | -0.150 |
| | | | | 0.018 | 0.017 | 0.12 |
| DZCT | | 1001 | 302 | 17918.32120 | 0.004 | 0.241 |
| | | | | 0.018 | 0.017 | 0.20 |
| GROUP: 052611.ASC ,obs#: 458 | | | | | | |
| DXCT | | 1002 | 302 | 5301.87290 | -0.000 | -0.253 |
| | | | | 0.005 | 0.001 | 0.05 |
| DYCT | | 1002 | 302 | -610.52710 | 0.000 | 0.150 |
| | | | | 0.005 | 0.001 | 0.03 |
| DZCT | | 1002 | 302 | 215.41890 | -0.000 | -0.242 |
| | | | | 0.005 | 0.001 | 0.05 |
| GROUP: 052611.ASC ,obs#: 459 | | | | | | |
| DXCT | | 1001 | 303 | 10143.67680 | 0.016 | 0.881 |
| | | | | 0.019 | 0.018 | 0.70 |
| DYCT | | 1001 | 303 | 7960.54210 | 0.017 | 0.944 |
| | | | | 0.019 | 0.018 | 0.75 |
| DZCT | | 1001 | 303 | 18634.37950 | -0.000 | -0.028 |
| | | | | 0.019 | 0.018 | 0.02 |
| GROUP: 052611.ASC ,obs#: 460 | | | | | | |
| DXCT | | 1002 | 303 | 8758.73230 | -0.002 | -0.884 |
| | | | | 0.008 | 0.003 | 0.27 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1002 | 303 | -716.47140 | -0.003 | -0.948 |
| | | | | 0.008 | 0.003 | 0.30 |
| DZCT | | 1002 | 303 | 931.47220 | 0.000 | 0.039 |
| | | | | 0.008 | 0.003 | 0.01 |
| GROUP: 052611.ASC ,obs#: 461 | | | | | | |
| DXCT | | 1001 | 304 | 3288.40710 | 0.014 | 0.779 |
| | | | | 0.018 | 0.018 | 0.66 |
| DYCT | | 1001 | 304 | 8955.17780 | 0.064 | 3.283 |
| | | | | 0.020 | 0.020 | 3.04 |
| DZCT | | 1001 | 304 | 18771.66210 | -0.054 | -2.664 |
| | | | | 0.021 | 0.020 | 2.57 |
| GROUP: 052611.ASC ,obs#: 462 | | | | | | |
| DXCT | | 1002 | 304 | 1903.45840 | -0.000 | -0.694 |
| | | | | 0.002 | 0.000 | 0.07 |
| DYCT | | 1002 | 304 | 278.20980 | -0.001 | -3.563 |
| | | | | 0.003 | 0.000 | 0.54 |
| DZCT | | 1002 | 304 | 1068.70030 | 0.001 | 3.099 |
| | | | | 0.003 | 0.000 | 0.46 |
| GROUP: 052611.ASC ,obs#: 463 | | | | | | |
| DXCT | | 1001 | 305 | 714.00310 | -0.004 | -0.171 |
| | | | | 0.024 | 0.024 | 0.15 |
| DYCT | | 1001 | 305 | 12527.38110 | 0.038 | 1.526 |
| | | | | 0.025 | 0.025 | 1.34 |
| DZCT | | 1001 | 305 | 25173.95570 | -0.010 | -0.413 |
| | | | | 0.024 | 0.024 | 0.36 |
| GROUP: 052611.ASC ,obs#: 464 | | | | | | |
| DXCT | | 1002 | 305 | -670.97060 | 0.007 | 0.984 |
| | | | | 0.007 | 0.007 | 0.81 |
| DYCT | | 1002 | 305 | 3850.35590 | 0.030 | 4.184 |
| | | | | 0.007 | 0.007 | 3.53 |
| DZCT | | 1002 | 305 | 7471.08790 | -0.049 | -7.026 |
| | | | | 0.007 | 0.007 | 5.80 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: 052611.ASC ,obs#: 465 | | | | | | |
| DXCT | | 1001 | 306 | 569.76900 | -0.000 | -0.019 |
| | | | | 0.018 | 0.018 | 0.02 |
| DYCT | | 1001 | 306 | 9354.06010 | 0.044 | 2.424 |
| | | | | 0.018 | 0.018 | 2.09 |
| DZCT | | 1001 | 306 | 18827.58700 | -0.008 | -0.465 |
| | | | | 0.018 | 0.018 | 0.39 |
| GROUP: 052611.ASC ,obs#: 466 | | | | | | |
| DXCT | | 1002 | 306 | -815.19400 | -0.000 | -0.625 |
| | | | | 0.001 | 0.000 | 0.05 |
| DYCT | | 1002 | 306 | 677.07160 | -0.001 | -2.447 |
| | | | | 0.002 | 0.000 | 0.49 |
| DZCT | | 1002 | 306 | 1124.67180 | 0.000 | 1.415 |
| | | | | 0.002 | 0.000 | 0.13 |
| GROUP: 052611.ASC ,obs#: 467 | | | | | | |
| DXCT | | 1001 | 294 | -1551.32390 | -0.004 | -1.137 |
| | | | | 0.006 | 0.003 | 0.48 |
| DYCT | | 1001 | 294 | 3383.67170 | 0.001 | 0.216 |
| | | | | 0.006 | 0.003 | 0.09 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION STD DEV | RESIDUAL STD DEV | STD RES PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1001 | 294 | 6350.66650 | 0.002 | 0.780 |
| | | | | 0.006 | 0.003 | 0.33 |
| GROUP: 052611.ASC ,obs#: 468 | | | | | | |
| DXCT | | 1002 | 294 | -2936.30090 | 0.011 | 1.136 |
| | | | | 0.011 | 0.009 | 0.83 |
| DYCT | | 1002 | 294 | -5293.35870 | -0.002 | -0.227 |
| | | | | 0.011 | 0.009 | 0.17 |
| DZCT | | 1002 | 294 | -11352.23040 | -0.007 | -0.780 |
| | | | | 0.011 | 0.009 | 0.57 |
| GROUP: 052611.ASC ,obs#: 469 | | | | | | |
| DXCT | | 1001 | 295 | 882.68190 | -0.003 | -1.033 |
| | | | | 0.006 | 0.003 | 0.43 |
| DYCT | | 1001 | 295 | 3060.49930 | -0.006 | -2.068 |
| | | | | 0.006 | 0.003 | 0.88 |
| DZCT | | 1001 | 295 | 6367.78510 | 0.006 | 1.943 |
| | | | | 0.006 | 0.003 | 0.81 |
| GROUP: 052611.ASC ,obs#: 470 | | | | | | |
| DXCT | | 1002 | 295 | -502.29350 | 0.010 | 1.029 |
| | | | | 0.011 | 0.009 | 0.76 |
| DYCT | | 1002 | 295 | -5616.55950 | 0.019 | 2.059 |
| | | | | 0.011 | 0.009 | 1.53 |
| DZCT | | 1002 | 295 | -11335.09780 | -0.018 | -1.935 |
| | | | | 0.011 | 0.009 | 1.43 |
| GROUP: 052611.ASC ,obs#: 471 | | | | | | |
| DXCT | | 1001 | 296 | 4808.02890 | -0.004 | -1.034 |
| | | | | 0.007 | 0.004 | 0.49 |
| DYCT | | 1001 | 296 | 2693.79160 | -0.010 | -2.297 |
| | | | | 0.008 | 0.004 | 1.18 |
| DZCT | | 1001 | 296 | 6699.29130 | 0.007 | 1.595 |
| | | | | 0.007 | 0.004 | 0.75 |
| GROUP: 052611.ASC ,obs#: 472 | | | | | | |
| DXCT | | 1002 | 296 | 3423.05250 | 0.009 | 1.031 |
| | | | | 0.011 | 0.009 | 0.73 |
| DYCT | | 1002 | 296 | -5983.27330 | 0.021 | 2.282 |
| | | | | 0.011 | 0.009 | 1.65 |
| DZCT | | 1002 | 296 | -11003.59450 | -0.014 | -1.571 |
| | | | | 0.011 | 0.009 | 1.11 |
| GROUP: 052611.ASC ,obs#: 473 | | | | | | |
| DXCT | | 1001 | 297 | 4927.28290 | 0.001 | 0.112 |
| | | | | 0.009 | 0.006 | 0.06 |
| DYCT | | 1001 | 297 | 3452.42120 | 0.013 | 2.080 |
| | | | | 0.009 | 0.006 | 1.23 |
| DZCT | | 1001 | 297 | 8246.77650 | -0.002 | -0.351 |
| | | | | 0.009 | 0.006 | 0.20 |
| GROUP: 052611.ASC ,obs#: 474 | | | | | | |
| DXCT | | 1002 | 297 | 3542.32170 | -0.001 | -0.125 |
| | | | | 0.010 | 0.007 | 0.08 |
| DYCT | | 1002 | 297 | -5224.58440 | -0.015 | -2.078 |
| | | | | 0.010 | 0.007 | 1.32 |
| DZCT | | 1002 | 297 | -9456.13460 | 0.002 | 0.330 |
| | | | | 0.010 | 0.007 | 0.21 |
| GROUP: 052611.ASC ,obs#: 475 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1001 | 298 | 5055.41530 | 0.005 | 0.577 |
| | | | | 0.010 | 0.008 | 0.39 |
| DYCT | | 1001 | 298 | 4398.81430 | 0.037 | 4.545 |
| | | | | 0.010 | 0.008 | 3.07 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1001 | 298 | 10170.03350 | -0.025 | -2.999 |
| | | | | 0.010 | 0.008 | 2.02 |
| GROUP: 052611.ASC ,obs#: 476 | | | | | | |
| DXCT | | 1002 | 298 | 3670.46010 | -0.003 | -0.581 |
| | | | | 0.008 | 0.005 | 0.30 |
| DYCT | | 1002 | 298 | -4278.15930 | -0.022 | -4.542 |
| | | | | 0.008 | 0.005 | 2.36 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1002 | 298 | -7532.91240 | 0.015 | 2.994 |
| | | | | 0.008 | 0.005 | 1.56 |
| GROUP: 052611.ASC ,obs#: 477 | | | | | | |
| DXCT | | 1001 | 299 | 6380.91430 | 0.001 | 0.099 |
| | | | | 0.012 | 0.011 | 0.07 |
| DYCT | | 1001 | 299 | 5160.41290 | 0.051 | 4.752 |
| | | | | 0.012 | 0.011 | 3.50 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1001 | 299 | 12048.74230 | -0.061 | -5.694 |
| | | | | 0.012 | 0.011 | 4.20 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: 052611.ASC ,obs#: 478 | | | | | | |
| DXCT | | 1002 | 299 | 4995.95300 | -0.000 | -0.110 |
| | | | | 0.007 | 0.004 | 0.05 |
| DYCT | | 1002 | 299 | -3516.55200 | -0.017 | -4.824 |
| | | | | 0.007 | 0.004 | 2.07 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| DZCT | | 1002 | 299 | -5654.24630 | 0.021 | 5.754 |
| | | | | 0.007 | 0.004 | 2.48 |
| | | | | | ^^^^^^^^^^^^^^^^ | |
| GROUP: 052711.ASC ,obs#: 479 | | | | | | |
| DXCT | | 1002 | 305 | -670.96400 | 0.000 | 0.033 |
| | | | | 0.007 | 0.007 | 0.03 |
| DYCT | | 1002 | 305 | 3850.39070 | -0.005 | -0.741 |
| | | | | 0.007 | 0.007 | 0.60 |
| DZCT | | 1002 | 305 | 7471.03330 | 0.006 | 0.831 |
| | | | | 0.007 | 0.007 | 0.68 |
| GROUP: 052711.ASC ,obs#: 480 | | | | | | |
| DXCT | | 305 | 307 | 1009.45440 | 0.001 | 0.312 |
| | | | | 0.005 | 0.002 | 0.10 |
| DYCT | | 305 | 307 | 2370.96750 | 0.002 | 1.251 |
| | | | | 0.005 | 0.002 | 0.40 |
| DZCT | | 305 | 307 | 4964.57150 | -0.003 | -1.831 |
| | | | | 0.005 | 0.002 | 0.59 |
| GROUP: 052711.ASC ,obs#: 481 | | | | | | |
| DXCT | | 1002 | 307 | 338.49440 | -0.003 | -0.297 |
| | | | | 0.012 | 0.011 | 0.23 |
| DYCT | | 1002 | 307 | 6221.36860 | -0.013 | -1.219 |
| | | | | 0.012 | 0.011 | 0.95 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DZCT | | 1002 | 307 | 12435.58760 | 0.020 | 1.809 |
| | | | | 0.012 | 0.011 | 1.41 |
| GROUP: 052711.ASC ,obs#: 482 | | | | | | |
| DXCT | | 305 | 308 | 810.40960 | 0.000 | 0.261 |
| | | | | 0.004 | 0.001 | 0.07 |
| DYCT | | 305 | 308 | 1849.17580 | 0.000 | 0.344 |
| | | | | 0.004 | 0.001 | 0.10 |
| DZCT | | 305 | 308 | 3881.83080 | -0.001 | -0.904 |
| | | | | 0.004 | 0.001 | 0.25 |
| GROUP: 052711.ASC ,obs#: 483 | | | | | | |
| DXCT | | 1002 | 308 | 139.44870 | -0.003 | -0.254 |
| | | | | 0.011 | 0.010 | 0.20 |
| DYCT | | 1002 | 308 | 5699.56510 | -0.003 | -0.323 |
| | | | | 0.011 | 0.010 | 0.26 |
| DZCT | | 1002 | 308 | 11352.85970 | 0.009 | 0.895 |
| | | | | 0.011 | 0.010 | 0.71 |
| GROUP: 052711.ASC ,obs#: 484 | | | | | | |
| DXCT | | 305 | 309 | 436.40690 | -0.000 | -0.095 |
| | | | | 0.002 | 0.000 | 0.02 |
| DYCT | | 305 | 309 | 984.82660 | 0.001 | 1.421 |
| | | | | 0.002 | 0.001 | 0.32 |
| DZCT | | 305 | 309 | 2072.34460 | -0.000 | -0.822 |
| | | | | 0.002 | 0.000 | 0.15 |
| GROUP: 052711.ASC ,obs#: 485 | | | | | | |
| DXCT | | 1002 | 309 | -234.55810 | 0.001 | 0.136 |
| | | | | 0.009 | 0.009 | 0.11 |
| DYCT | | 1002 | 309 | 4835.22510 | -0.012 | -1.389 |
| | | | | 0.009 | 0.009 | 1.13 |
| DZCT | | 1002 | 309 | 9543.37680 | 0.006 | 0.743 |
| | | | | 0.009 | 0.009 | 0.60 |
| GROUP: 052711.ASC ,obs#: 486 | | | | | | |
| DXCT | | 305 | 310 | 277.33430 | 0.000 | 0.119 |
| | | | | 0.001 | 0.000 | 0.02 |
| DYCT | | 305 | 310 | 620.52780 | 0.001 | 3.526 |
| | | | | 0.002 | 0.000 | 0.98 |
| DZCT | | 305 | 310 | 1305.41350 | -0.000 | -1.867 |
| | | | | 0.001 | 0.000 | 0.26 |
| GROUP: 052711.ASC ,obs#: 487 | | | | | | |
| DXCT | | 1002 | 310 | -393.63110 | 0.002 | 0.204 |
| | | | | 0.008 | 0.008 | 0.17 |
| DYCT | | 1002 | 310 | 4470.94310 | -0.028 | -3.439 |
| | | | | 0.009 | 0.008 | 2.86 |
| DZCT | | 1002 | 310 | 8776.44210 | 0.010 | 1.244 |
| | | | | 0.008 | 0.008 | 1.02 |
| GROUP: 052711.ASC ,obs#: 488 | | | | | | |
| DXCT | | 305 | 311 | -123.78840 | 0.000 | 1.486 |
| | | | | 0.001 | 0.000 | 0.28 |
| DYCT | | 305 | 311 | -296.18910 | -0.004 | -2.372 |
| | | | | 0.004 | 0.002 | 5.43 |
| DZCT | | 305 | 311 | -620.40430 | 0.001 | 2.105 |
| | | | | 0.001 | 0.000 | 0.99 |
| GROUP: 052711.ASC ,obs#: 489 | | | | | | |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DXCT | | 1002 | 311 | -794.74960 | -0.002 | -0.379 |
| | | | | 0.007 | 0.006 | 0.31 |
| DYCT | | 1002 | 311 | 3554.17610 | 0.017 | 2.444 |
| | | | | 0.008 | 0.007 | 2.14 |
| DZCT | | 1002 | 311 | 6850.63410 | 0.001 | 0.208 |
| | | | | 0.007 | 0.006 | 0.17 |
| GROUP: 052711.ASC ,obs#: 490 | | | | | | |
| DXCT | | 305 | 312 | -574.22610 | 0.001 | 0.930 |
| | | | | 0.003 | 0.001 | 0.38 |
| DYCT | | 305 | 312 | -1325.81180 | -0.000 | -0.246 |
| | | | | 0.003 | 0.001 | 0.12 |
| DZCT | | 305 | 312 | -2790.15880 | -0.002 | -1.606 |
| | | | | 0.003 | 0.001 | 0.67 |
| GROUP: 052711.ASC ,obs#: 491 | | | | | | |
| DXCT | | 1002 | 312 | -1245.18520 | -0.003 | -0.932 |
| | | | | 0.005 | 0.004 | 0.64 |
| DYCT | | 1002 | 312 | 2524.57220 | 0.001 | 0.331 |
| | | | | 0.005 | 0.004 | 0.23 |
| DZCT | | 1002 | 312 | 4680.87200 | 0.006 | 1.632 |
| | | | | 0.005 | 0.004 | 1.12 |
| GROUP: 052711.ASC ,obs#: 492 | | | | | | |
| DXCT | | 305 | 313 | -2826.61690 | 0.002 | 0.938 |
| | | | | 0.004 | 0.002 | 0.41 |
| DYCT | | 305 | 313 | -1015.89830 | 0.004 | 2.140 |
| | | | | 0.004 | 0.002 | 0.97 |
| DZCT | | 305 | 313 | -2785.34000 | -0.003 | -1.455 |
| | | | | 0.004 | 0.002 | 0.66 |
| GROUP: 052711.ASC ,obs#: 493 | | | | | | |
| DXCT | | 1002 | 313 | -3497.57480 | -0.004 | -0.935 |
| | | | | 0.006 | 0.004 | 0.65 |
| DYCT | | 1002 | 313 | 2834.50100 | -0.010 | -2.120 |
| | | | | 0.006 | 0.005 | 1.49 |
| DZCT | | 1002 | 313 | 4685.68980 | 0.007 | 1.428 |
| | | | | 0.006 | 0.005 | 1.00 |
| GROUP: 052711.ASC ,obs#: 494 | | | | | | |
| DXCT | | 105 | 314 | -5715.04040 | -0.000 | 0.000* |
| | | | | 0.005 | 0.000 | 0.00 |
| DYCT | | 105 | 314 | -266.39250 | 0.000 | 0.000* |
| | | | | 0.005 | 0.000 | 0.00 |
| DZCT | | 105 | 314 | -2087.17260 | -0.000 | 0.000* |
| | | | | 0.005 | 0.000 | 0.00 |
| GROUP: 052711.ASC ,obs#: 495 | | | | | | |
| DXCT | | 1002 | 314 | -6386.01020 | -0.000 | 0.000* |
| | | | | 0.008 | 0.000 | 0.00 |
| DYCT | | 1002 | 314 | 3583.99140 | -0.000 | 0.000* |
| | | | | 0.008 | 0.000 | 0.00 |
| DZCT | | 1002 | 314 | 5383.86010 | 0.000 | 0.000* |
| | | | | 0.008 | 0.000 | 0.00 |
| GROUP: 052711.ASC ,obs#: 496 | | | | | | |
| DXCT | | 305 | 315 | -7395.77520 | 0.001 | 0.330 |
| | | | | 0.007 | 0.004 | 0.17 |
| DYCT | | 305 | 315 | -406.64150 | 0.006 | 1.463 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| | | | | 0.007 | 0.004 | 0.79 |
| DZCT | | 305 | 315 | -2822.15690 | 0.001 | 0.231 |
| | | | | 0.007 | 0.004 | 0.12 |
| GROUP: 052711.ASC ,obs#: 497 | | | | | | |
| DXCT | | 1002 | 315 | -8066.73550 | -0.002 | -0.324 |
| | | | | 0.008 | 0.006 | 0.21 |
| DYCT | | 1002 | 315 | 3443.75990 | -0.010 | -1.464 |
| | | | | 0.009 | 0.007 | 0.96 |
| DZCT | | 1002 | 315 | 4648.88470 | -0.002 | -0.247 |
| | | | | 0.009 | 0.007 | 0.16 |
| GROUP: 052711.ASC ,obs#: 498 | | | | | | |
| DXCT | | 305 | 316 | -7317.47330 | 0.003 | 0.531 |
| | | | | 0.008 | 0.006 | 0.33 |
| DYCT | | 305 | 316 | -1902.76140 | 0.011 | 1.786 |
| | | | | 0.008 | 0.006 | 1.16 |
| DZCT | | 305 | 316 | -5769.33550 | -0.005 | -0.860 |
| | | | | 0.008 | 0.006 | 0.54 |
| GROUP: 052711.ASC ,obs#: 499 | | | | | | |
| DXCT | | 1002 | 316 | -7988.43140 | -0.002 | -0.533 |
| | | | | 0.007 | 0.005 | 0.30 |
| DYCT | | 1002 | 316 | 1947.64390 | -0.009 | -1.788 |
| | | | | 0.007 | 0.005 | 1.03 |
| DZCT | | 1002 | 316 | 1701.69430 | 0.004 | 0.862 |
| | | | | 0.007 | 0.005 | 0.48 |
| GROUP: 052711.ASC ,obs#: 500 | | | | | | |
| DXCT | | 305 | 317 | -4323.50510 | -0.002 | -0.365 |
| | | | | 0.006 | 0.004 | 0.23 |
| DYCT | | 305 | 317 | -1950.67920 | -0.016 | -3.475 |
| | | | | 0.006 | 0.005 | 2.34 |
| DZCT | | 305 | 317 | -5049.91100 | 0.010 | 2.201 |
| | | | | 0.006 | 0.004 | 1.39 |
| GROUP: 052711.ASC ,obs#: 501 | | | | | | |
| DXCT | | 1002 | 317 | -4994.47170 | 0.001 | 0.387 |
| | | | | 0.005 | 0.003 | 0.21 |
| DYCT | | 1002 | 317 | 1899.67810 | 0.012 | 3.489 |
| | | | | 0.005 | 0.003 | 2.06 |
| DZCT | | 1002 | 317 | 2421.14470 | -0.007 | -2.227 |
| | | | | 0.005 | 0.003 | 1.20 |
| GROUP: 052711.ASC ,obs#: 502 | | | | | | |
| DXCT | | 305 | 318 | 7183.83790 | -0.009 | -1.590 |
| | | | | 0.008 | 0.006 | 1.03 |
| DYCT | | 305 | 318 | -3101.52020 | 0.006 | 1.022 |
| | | | | 0.008 | 0.006 | 0.68 |
| DZCT | | 305 | 318 | -4226.62910 | -0.007 | -1.255 |
| | | | | 0.008 | 0.006 | 0.82 |
| GROUP: 052711.ASC ,obs#: 503 | | | | | | |
| DXCT | | 1002 | 318 | 6512.85870 | 0.006 | 1.583 |
| | | | | 0.006 | 0.004 | 0.85 |
| DYCT | | 1002 | 318 | 748.87580 | -0.004 | -1.034 |
| | | | | 0.007 | 0.004 | 0.59 |
| DZCT | | 1002 | 318 | 3244.39750 | 0.005 | 1.269 |
| | | | | 0.006 | 0.004 | 0.70 |

Residuals (critical value = 4.295):

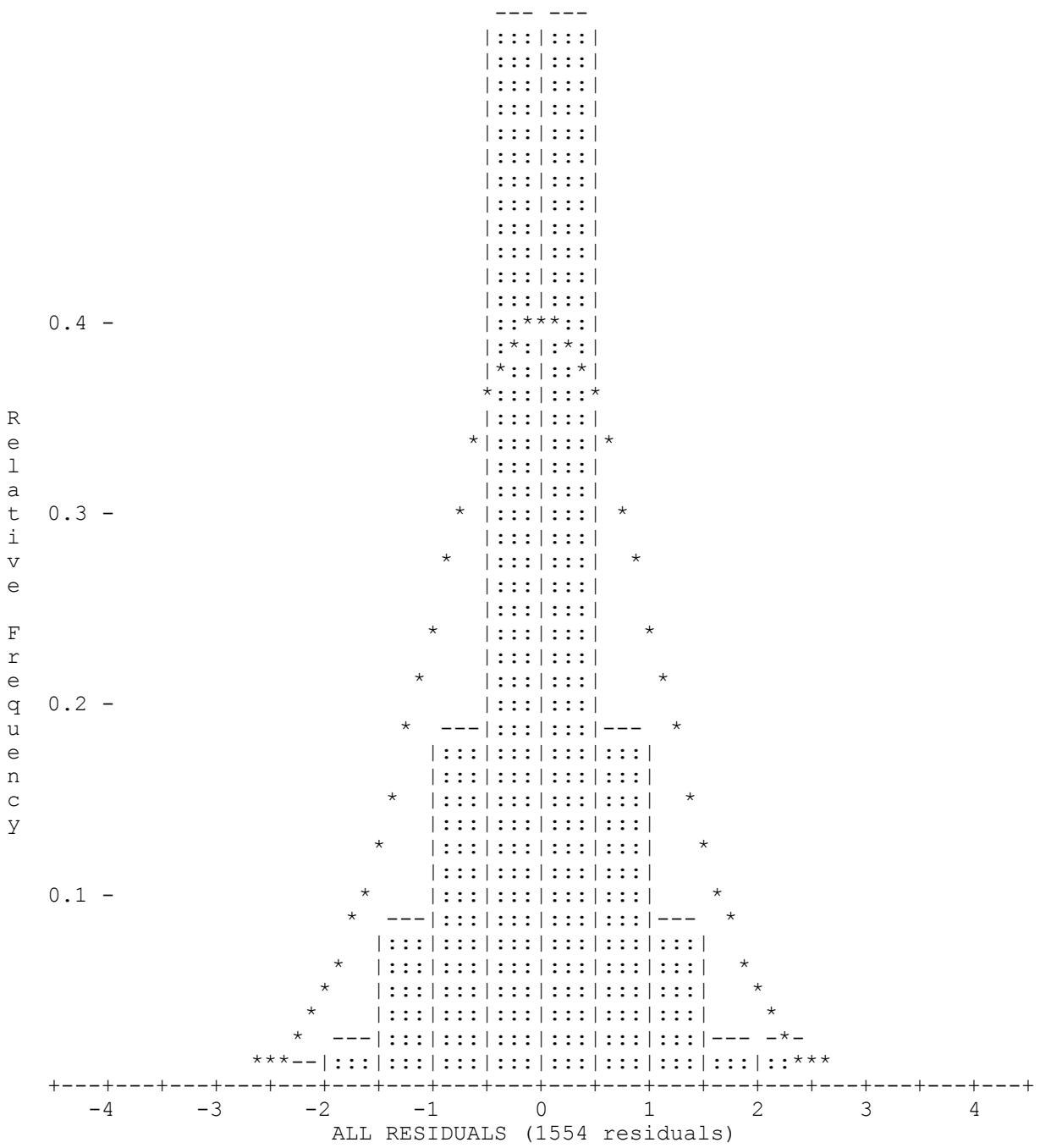
| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| GROUP: 052711.ASC ,obs#: 504 | | | | | | |
| DXCT | | 305 | 319 | 211.39990 | -0.002 | -0.620 |
| | | | | 0.004 | 0.002 | 0.36 |
| DYCT | | 305 | 319 | -1911.93730 | -0.002 | -0.714 |
| | | | | 0.004 | 0.003 | 0.48 |
| DZCT | | 305 | 319 | -3740.50340 | 0.001 | 0.438 |
| | | | | 0.004 | 0.003 | 0.30 |
| GROUP: 052711.ASC ,obs#: 505 | | | | | | |
| DXCT | | 1002 | 319 | -459.56690 | 0.002 | 0.615 |
| | | | | 0.004 | 0.002 | 0.36 |
| DYCT | | 1002 | 319 | 1938.44440 | 0.002 | 0.704 |
| | | | | 0.004 | 0.003 | 0.45 |
| DZCT | | 1002 | 319 | 3730.53800 | -0.001 | -0.418 |
| | | | | 0.004 | 0.003 | 0.27 |
| GROUP: 052811.ASC ,obs#: 506 | | | | | | |
| DXCT | | 1002 | 1001 | -1384.96270 | -0.000 | -0.003 |
| | | | | 0.017 | 0.017 | 0.00 |
| DYCT | | 1002 | 1001 | -8677.01420 | -0.019 | -1.135 |
| | | | | 0.017 | 0.017 | 0.96 |
| DZCT | | 1002 | 1001 | -17702.90510 | -0.002 | -0.095 |
| | | | | 0.017 | 0.017 | 0.08 |
| GROUP: 052811.ASC ,obs#: 507 | | | | | | |
| DXCT | | 1001 | 320 | -3888.73910 | -0.003 | -1.038 |
| | | | | 0.006 | 0.002 | 0.37 |
| DYCT | | 1001 | 320 | 2984.66680 | 0.004 | 1.733 |
| | | | | 0.006 | 0.003 | 0.63 |
| DZCT | | 1001 | 320 | 4914.23790 | -0.001 | -0.232 |
| | | | | 0.006 | 0.002 | 0.08 |
| GROUP: 052811.ASC ,obs#: 508 | | | | | | |
| DXCT | | 1002 | 320 | -5273.71640 | 0.012 | 1.043 |
| | | | | 0.013 | 0.011 | 0.80 |
| DYCT | | 1002 | 320 | -5692.34210 | -0.020 | -1.734 |
| | | | | 0.013 | 0.012 | 1.33 |
| DZCT | | 1002 | 320 | -12788.67190 | 0.003 | 0.220 |
| | | | | 0.013 | 0.011 | 0.17 |
| GROUP: 052811.ASC ,obs#: 509 | | | | | | |
| DXCT | | 1001 | 321 | -6123.55460 | -0.003 | -0.890 |
| | | | | 0.007 | 0.004 | 0.37 |
| DYCT | | 1001 | 321 | 3414.40700 | 0.004 | 1.058 |
| | | | | 0.008 | 0.004 | 0.44 |
| DZCT | | 1001 | 321 | 5159.72110 | -0.001 | -0.165 |
| | | | | 0.007 | 0.004 | 0.07 |
| GROUP: 052811.ASC ,obs#: 510 | | | | | | |
| DXCT | | 1002 | 321 | -7508.53080 | 0.010 | 0.890 |
| | | | | 0.013 | 0.012 | 0.66 |
| DYCT | | 1002 | 321 | -5262.61000 | -0.012 | -1.058 |
| | | | | 0.013 | 0.012 | 0.80 |
| DZCT | | 1002 | 321 | -12543.18810 | 0.002 | 0.166 |
| | | | | 0.013 | 0.012 | 0.12 |
| GROUP: 052811.ASC ,obs#: 511 | | | | | | |
| DXCT | | 1001 | 322 | -5987.41970 | -0.007 | -1.271 |
| | | | | 0.009 | 0.005 | 0.66 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION / STD DEV | RESIDUAL / STD DEV | STD RES / PPM |
|---|---|---|---|---|---|---|
| DYCT | | 1001 | 322 | 4426.99070 | 0.012 | 2.053 |
| | | | | 0.009 | 0.006 | 1.12 |
| DZCT | | 1001 | 322 | 7224.40480 | -0.001 | -0.263 |
| | | | | 0.009 | 0.005 | 0.14 |
| GROUP: 052811.ASC ,obs#: 512 | | | | | | |
| DXCT | | 1002 | 322 | -7372.40080 | 0.012 | 1.271 |
| | | | | 0.012 | 0.009 | 0.85 |
| DYCT | | 1002 | 322 | -4250.01170 | -0.019 | -2.052 |
| | | | | 0.012 | 0.009 | 1.42 |
| DZCT | | 1002 | 322 | -10478.50560 | 0.002 | 0.252 |
| | | | | 0.012 | 0.009 | 0.17 |
| GROUP: 052811.ASC ,obs#: 513 | | | | | | |
| DXCT | | 1001 | 323 | -6430.55360 | -0.006 | -0.690 |
| | | | | 0.011 | 0.008 | 0.44 |
| DYCT | | 1001 | 323 | 5789.67510 | 0.002 | 0.186 |
| | | | | 0.012 | 0.009 | 0.13 |
| DZCT | | 1001 | 323 | 9821.14340 | -0.009 | -1.040 |
| | | | | 0.011 | 0.008 | 0.67 |
| GROUP: 052811.ASC ,obs#: 514 | | | | | | |
| DXCT | | 1002 | 323 | -7815.52650 | 0.004 | 0.682 |
| | | | | 0.010 | 0.006 | 0.38 |
| DYCT | | 1002 | 323 | -2887.35550 | -0.001 | -0.152 |
| | | | | 0.010 | 0.006 | 0.08 |
| DZCT | | 1002 | 323 | -7881.77870 | 0.007 | 1.034 |
| | | | | 0.010 | 0.006 | 0.58 |
| GROUP: 052811.ASC ,obs#: 515 | | | | | | |
| DXCT | | 1001 | 324 | -5539.22570 | -0.007 | -0.481 |
| | | | | 0.015 | 0.014 | 0.38 |
| DYCT | | 1001 | 324 | 8257.64580 | 0.034 | 2.363 |
| | | | | 0.015 | 0.014 | 1.87 |
| DZCT | | 1001 | 324 | 14986.70790 | -0.012 | -0.834 |
| | | | | 0.015 | 0.014 | 0.66 |
| GROUP: 052811.ASC ,obs#: 516 | | | | | | |
| DXCT | | 1002 | 324 | -6924.19640 | 0.001 | 0.479 |
| | | | | 0.006 | 0.002 | 0.16 |
| DYCT | | 1002 | 324 | -419.34800 | -0.006 | -2.364 |
| | | | | 0.006 | 0.002 | 0.78 |
| DZCT | | 1002 | 324 | -2716.21270 | 0.002 | 0.837 |
| | | | | 0.006 | 0.002 | 0.28 |
| GROUP: 052811.ASC ,obs#: 517 | | | | | | |
| DXCT | | 1001 | 325 | -8724.00540 | -0.008 | -0.522 |
| | | | | 0.017 | 0.015 | 0.40 |
| DYCT | | 1001 | 325 | 9080.98000 | 0.041 | 2.671 |
| | | | | 0.017 | 0.015 | 2.03 |
| DZCT | | 1001 | 325 | 15750.73530 | -0.006 | -0.418 |
| | | | | 0.017 | 0.015 | 0.32 |
| GROUP: 052811.ASC ,obs#: 518 | | | | | | |
| DXCT | | 1002 | 325 | -10108.97820 | 0.002 | 0.522 |
| | | | | 0.009 | 0.004 | 0.20 |
| DYCT | | 1002 | 325 | 403.99850 | -0.011 | -2.671 |
| | | | | 0.009 | 0.004 | 1.04 |
| DZCT | | 1002 | 325 | -1952.17950 | 0.002 | 0.421 |

Residuals (critical value = 4.295):

| TYPE | AT | FROM | TO | OBSERVATION STD DEV | RESIDUAL STD DEV | STD RES PPM |
|---|---|---|---|---|---|---|
| | | | | 0.009 | 0.004 | 0.16 |


0.4
0.3
0.2
0.1
Relative Frequency
-4
-3
-2
-1
0
1
2
3
4
ALL RESIDUALS (1554 residuals)

## S T A T I S T I C S S U M M A R Y

| | |
|---|---|
| Residual Critical Value Type | Tau Max |
| Residual Critical Value | 4.2946 |
| Number of Flagged Residuals | 15 |
| Convergence Criterion | 0.0010 |
| Final Iteration Counter Value | 2 |
| Confidence Level Used | 95.0000 |
| Estimated Variance Factor | 1.0000 |
| Number of Degrees of Freedom | 900 |

Chi-Square Test on the Variance Factor:

9.1368e-01 < 1.0000 < 1.0992e+00 ?

THE TEST PASSES

NOTE: All confidence regions were computed using the following factors:

Variance factor used = 1.0000
3-D expansion factor = 2.7955

Note that, for relative confidence regions, precisions are computed from the ratio of the major semi-axis and the spatial distance between the two stations.

3D Station Confidence Regions (95.000 percent):

| STATION | MAJ-SEMI | (AZ,VANG) | MED-SEMI | (AZ,VANG) | MIN-SEMI | (AZ,VANG) |
|---|---|---|---|---|---|---|
| 1 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.027 | ( 0, 90) |
| 10 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.018 | ( 0, 90) |
| 1001 | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) | 0.009 | ( 0, 90) |
| 1002 | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) | 0.009 | ( 0, 90) |
| 1003 | 0.045 | ( 0, 0) | 0.045 | ( 90, 0) | 0.043 | ( 0, 90) |
| 1004 | 0.045 | ( 0, 0) | 0.045 | ( 90, 0) | 0.043 | ( 0, 90) |
| 101 | 0.011 | ( 0, 0) | 0.011 | ( 90, 0) | 0.008 | ( 0, 90) |
| 102 | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) | 0.002 | ( 0, 90) |
| 103 | 0.015 | ( 0, 0) | 0.014 | ( 90, 0) | 0.013 | ( 0, 90) |
| 105 | 0.032 | ( 0, 3) | 0.032 | ( 90, 0) | 0.028 | (180, 87) |
| 11 | 0.016 | ( 0, 0) | 0.016 | ( 90, 0) | 0.014 | ( 0, 90) |
| 12 | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) | 0.004 | ( 0, 90) |
| 13 | 0.016 | (180, 14) | 0.016 | ( 90, 0) | 0.015 | ( 0, 76) |
| 14 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.028 | ( 0, 90) |
| 15 | 0.036 | ( 0, 90) | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) |
| 16 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.036 | ( 0, 90) |
| 17 | 0.050 | ( 0, 0) | 0.050 | ( 90, 0) | 0.050 | ( 0, 90) |
| 18 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.036 | ( 0, 90) |
| 19 | 0.032 | ( 0, 90) | 0.032 | ( 0, 0) | 0.032 | ( 90, 0) |
| 2 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.025 | ( 0, 90) |
| 20 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.029 | ( 0, 90) |
| 201 | 0.063 | ( 0, 0) | 0.063 | ( 90, 0) | 0.062 | ( 0, 90) |
| 202 | 0.063 | ( 0, 0) | 0.063 | ( 90, 0) | 0.061 | ( 0, 90) |
| 203 | 0.057 | ( 0, 0) | 0.057 | ( 90, 0) | 0.055 | ( 0, 90) |
| 204 | 0.052 | ( 0, 0) | 0.052 | ( 90, 0) | 0.050 | ( 0, 90) |
| 205 | 0.047 | ( 0, 0) | 0.047 | ( 90, 0) | 0.045 | ( 0, 90) |
| 206 | 0.040 | ( 0, 0) | 0.040 | ( 90, 0) | 0.038 | ( 0, 90) |
| 207 | 0.037 | ( 0, 0) | 0.037 | ( 90, 0) | 0.034 | ( 0, 90) |
| 208 | 0.035 | ( 0, 0) | 0.035 | ( 90, 0) | 0.032 | ( 0, 90) |
| 209 | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.026 | ( 0, 90) |
| 21 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.025 | ( 0, 90) |
| 210 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 211 | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.025 | ( 0, 90) |
| 212 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.025 | ( 0, 90) |
| 213 | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.027 | ( 0, 90) |
| 214 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.034 | ( 0, 90) |
| 215 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.034 | ( 0, 90) |
| 216 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.015 | ( 0, 90) |
| 217 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 218 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 219 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 22 | 0.013 | ( 0, 0) | 0.013 | ( 90, 0) | 0.011 | ( 0, 90) |
| 220 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.019 | ( 0, 90) |
| 221 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.023 | ( 0, 90) |
| 222 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.024 | ( 0, 90) |
| 223 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 224 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 225 | 0.033 | ( 0, 0) | 0.033 | ( 90, 0) | 0.029 | ( 0, 90) |
| 226 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 227 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.014 | ( 0, 90) |
| 228 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 229 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.012 | ( 0, 90) |
| 23 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.018 | ( 0, 90) |

3D Station Confidence Regions (95.000 percent):

| STATION | MAJ-SEMI | (AZ,VANG) | MED-SEMI | (AZ,VANG) | MIN-SEMI | (AZ,VANG) |
|---|---|---|---|---|---|---|
| 230 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.013 | ( 0, 90) |
| 231 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.021 | ( 0, 90) |
| 232 | 0.035 | (180, 4) | 0.035 | ( 90, 0) | 0.033 | ( 0, 86) |
| 233 | 0.041 | ( 0, 0) | 0.041 | ( 90, 0) | 0.038 | ( 0, 90) |
| 234 | 0.046 | ( 0, 0) | 0.046 | ( 90, 0) | 0.043 | ( 0, 90) |
| 235 | 0.037 | ( 0, 0) | 0.036 | ( 90, 0) | 0.033 | ( 0, 90) |
| 236 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.024 | ( 0, 90) |
| 237 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 238 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.019 | ( 0, 90) |
| 239 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 24 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.020 | ( 0, 90) |
| 240 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.013 | ( 0, 90) |
| 241 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 242 | 0.036 | ( 0, 2) | 0.036 | ( 90, 0) | 0.033 | (180, 88) |
| 243 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.032 | ( 0, 90) |
| 244 | 0.044 | ( 0, 0) | 0.044 | ( 90, 0) | 0.041 | ( 0, 90) |
| 245 | 0.042 | ( 0, 0) | 0.042 | ( 90, 0) | 0.039 | ( 0, 90) |
| 246 | 0.048 | ( 0, 3) | 0.048 | ( 90, 0) | 0.046 | (180, 87) |
| 247 | 0.041 | ( 0, 0) | 0.041 | ( 90, 0) | 0.038 | ( 0, 90) |
| 248 | 0.040 | ( 0, 0) | 0.040 | ( 90, 0) | 0.037 | ( 0, 90) |
| 249 | 0.047 | ( 0, 0) | 0.047 | ( 90, 0) | 0.046 | ( 0, 90) |
| 25 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.018 | ( 0, 90) |
| 250 | 0.048 | ( 0, 0) | 0.048 | ( 90, 0) | 0.046 | ( 0, 90) |
| 251 | 0.048 | ( 0, 0) | 0.048 | ( 90, 0) | 0.046 | ( 0, 90) |
| 252 | 0.050 | ( 0, 0) | 0.050 | ( 90, 0) | 0.048 | ( 0, 90) |
| 253 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.021 | ( 0, 90) |
| 254 | 0.023 | ( 0, 0) | 0.022 | ( 90, 0) | 0.016 | ( 0, 90) |
| 255 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 256 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 257 | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.026 | ( 0, 90) |
| 258 | 0.035 | ( 0, 0) | 0.035 | ( 90, 0) | 0.031 | ( 0, 90) |
| 259 | 0.040 | ( 0, 0) | 0.040 | ( 90, 0) | 0.038 | ( 0, 90) |
| 25R B | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) | 0.000 | ( 0, 90) |
| 26 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.025 | ( 0, 90) |
| 260 | 0.039 | ( 0, 0) | 0.039 | ( 90, 0) | 0.035 | ( 0, 90) |
| 261 | 0.039 | ( 0, 0) | 0.039 | ( 90, 0) | 0.035 | ( 0, 90) |
| 262 | 0.034 | ( 0, 0) | 0.034 | ( 90, 0) | 0.030 | ( 0, 90) |
| 263 | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) | 0.009 | ( 0, 90) |
| 264 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.012 | ( 0, 90) |
| 265 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 266 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.017 | ( 0, 90) |
| 267 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.021 | ( 0, 90) |
| 268 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.019 | ( 0, 90) |
| 269 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 27 | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.030 | ( 0, 90) |
| 270 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.019 | ( 0, 90) |
| 271 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 272 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.023 | ( 0, 90) |
| 273 | 0.029 | ( 0, 3) | 0.028 | ( 90, 0) | 0.024 | (180, 87) |
| 274 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 275 | 0.027 | ( 0, 0) | 0.027 | ( 90, 0) | 0.022 | ( 0, 90) |
| 276 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.016 | ( 0, 90) |
| 277 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.019 | ( 0, 90) |

3D Station Confidence Regions (95.000 percent):

| STATION | MAJ-SEMI | (AZ,VANG) | MED-SEMI | (AZ,VANG) | MIN-SEMI | (AZ,VANG) |
|---|---|---|---|---|---|---|
| 278 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.019 | ( 0, 90) |
| 279 | 0.030 | ( 0, 3) | 0.030 | ( 90, 0) | 0.025 | (180, 87) |
| 28 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.036 | ( 0, 90) |
| 280 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.025 | ( 0, 90) |
| 281 | 0.029 | ( 0, 0) | 0.028 | ( 90, 0) | 0.024 | ( 0, 90) |
| 282 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.013 | ( 0, 90) |
| 283 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.016 | ( 0, 90) |
| 284 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.011 | ( 0, 90) |
| 285 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.011 | ( 0, 90) |
| 286 | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) | 0.009 | ( 0, 90) |
| 287 | 0.018 | ( 90, 0) | 0.018 | ( 0, 0) | 0.010 | ( 0, 90) |
| 288 | 0.019 | ( 90, 0) | 0.019 | ( 0, 0) | 0.012 | ( 0, 90) |
| 289 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 29 | 0.042 | ( 0, 0) | 0.042 | ( 90, 0) | 0.042 | ( 0, 90) |
| 290 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 291 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.019 | ( 0, 90) |
| 292 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.019 | ( 0, 90) |
| 293 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.017 | ( 0, 90) |
| 294 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 295 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.017 | ( 0, 90) |
| 296 | 0.025 | (180, 2) | 0.025 | ( 90, 0) | 0.020 | ( 0, 88) |
| 297 | 0.026 | ( 90, 0) | 0.026 | ( 0, 0) | 0.020 | ( 0, 90) |
| 298 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 299 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.020 | ( 0, 90) |
| 3 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.017 | ( 0, 90) |
| 30 | 0.036 | ( 0, 0) | 0.036 | ( 90, 0) | 0.036 | ( 0, 90) |
| 300 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.017 | ( 0, 90) |
| 301 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.017 | ( 0, 90) |
| 302 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.015 | ( 0, 90) |
| 303 | 0.027 | ( 90, 0) | 0.027 | ( 0, 0) | 0.022 | ( 0, 90) |
| 304 | 0.019 | ( 0, 3) | 0.019 | ( 90, 0) | 0.012 | (180, 87) |
| 305 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.011 | ( 0, 90) |
| 306 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.011 | ( 0, 90) |
| 307 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.016 | ( 0, 90) |
| 308 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.015 | ( 0, 90) |
| 309 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.012 | ( 0, 90) |
| 31 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.027 | ( 0, 90) |
| 310 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.012 | ( 0, 90) |
| 311 | 0.019 | (180, 6) | 0.019 | ( 90, 4) | 0.014 | (325, 83) |
| 312 | 0.020 | ( 90, 0) | 0.020 | ( 0, 0) | 0.012 | ( 0, 90) |
| 313 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.013 | ( 0, 90) |
| 314 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.024 | ( 0, 90) |
| 315 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 316 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.018 | ( 0, 90) |
| 317 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.015 | ( 0, 90) |
| 318 | 0.023 | ( 90, 0) | 0.023 | ( 0, 0) | 0.017 | ( 0, 90) |
| 319 | 0.020 | ( 0, 2) | 0.020 | ( 90, 0) | 0.013 | (180, 88) |
| 32 | 0.015 | ( 0, 0) | 0.015 | ( 90, 0) | 0.013 | ( 0, 90) |
| 320 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.017 | ( 0, 90) |
| 321 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.020 | ( 0, 90) |
| 322 | 0.027 | (180, 2) | 0.027 | ( 90, 0) | 0.022 | ( 0, 88) |
| 323 | 0.027 | ( 90, 0) | 0.027 | ( 0, 0) | 0.023 | ( 0, 90) |
| 324 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.019 | ( 0, 90) |

3D Station Confidence Regions (95.000 percent):

| STATION | MAJ-SEMI | (AZ,VANG) | MED-SEMI | (AZ,VANG) | MIN-SEMI | (AZ,VANG) |
|---|---|---|---|---|---|---|
| 325 | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) | 0.024 | ( 0, 90) |
| 33 | 0.016 | ( 0, 0) | 0.016 | ( 90, 0) | 0.015 | ( 0, 90) |
| 34 | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) | 0.017 | ( 0, 90) |
| 35 | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) | 0.020 | ( 0, 90) |
| 36 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.022 | ( 0, 90) |
| 37 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.026 | ( 0, 90) |
| 38 | 0.015 | ( 0, 0) | 0.015 | ( 90, 0) | 0.014 | ( 0, 90) |
| 39 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.022 | ( 0, 90) |
| 4 | 0.012 | ( 0, 0) | 0.012 | ( 90, 0) | 0.010 | ( 0, 90) |
| 40 | 0.029 | ( 0, 34) | 0.029 | ( 90, 0) | 0.028 | (180, 56) |
| 41 | 0.032 | ( 0, 0) | 0.032 | ( 90, 0) | 0.032 | ( 0, 90) |
| 42 | 0.035 | ( 0, 0) | 0.035 | ( 90, 0) | 0.035 | ( 0, 90) |
| 43 | 0.039 | ( 0, 0) | 0.039 | ( 90, 0) | 0.039 | ( 0, 90) |
| 44 | 0.042 | ( 0, 0) | 0.042 | ( 90, 0) | 0.042 | ( 0, 90) |
| 45 | 0.045 | ( 0, 0) | 0.045 | ( 90, 0) | 0.045 | ( 0, 90) |
| 46 | 0.051 | (158, 62) | 0.050 | (265, 9) | 0.050 | ( 0, 27) |
| 47 | 0.007 | ( 0, 90) | 0.007 | ( 0, 0) | 0.007 | ( 90, 0) |
| 48 | 0.008 | ( 0, 90) | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) |
| 48B | 0.009 | ( 0, 90) | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) |
| 49 | 0.013 | ( 0, 90) | 0.013 | ( 0, 0) | 0.013 | ( 90, 0) |
| 49B | 0.013 | ( 0, 90) | 0.013 | ( 0, 0) | 0.013 | ( 90, 0) |
| 5 | 0.016 | ( 0, 0) | 0.016 | ( 90, 0) | 0.015 | ( 0, 90) |
| 50 | 0.017 | ( 0, 90) | 0.016 | ( 0, 0) | 0.016 | ( 90, 0) |
| 51 | 0.021 | ( 0, 90) | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) |
| 52 | 0.024 | ( 0, 90) | 0.024 | ( 0, 0) | 0.023 | ( 90, 0) |
| 53 | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) | 0.024 | ( 0, 90) |
| 54 | 0.028 | ( 0, 90) | 0.028 | ( 0, 0) | 0.028 | ( 90, 0) |
| 57 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.019 | ( 0, 90) |
| 58 | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) | 0.021 | ( 0, 90) |
| 59 | 0.025 | ( 0, 90) | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) |
| 6 | 0.015 | ( 0, 0) | 0.015 | ( 90, 0) | 0.013 | ( 0, 90) |
| 60 | 0.025 | ( 0, 0) | 0.025 | ( 90, 0) | 0.025 | ( 0, 90) |
| 61 | 0.023 | ( 0, 90) | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) |
| 62 | 0.029 | ( 0, 90) | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) |
| 63 | 0.020 | ( 0, 90) | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) |
| 64 | 0.018 | ( 0, 90) | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) |
| 65 | 0.008 | ( 0, 0) | 0.008 | ( 90, 0) | 0.003 | ( 0, 90) |
| 66 | 0.017 | ( 0, 90) | 0.015 | ( 0, 0) | 0.015 | ( 90, 0) |
| 67 | 0.017 | ( 0, 90) | 0.016 | ( 0, 0) | 0.016 | ( 90, 0) |
| 68 | 0.019 | ( 0, 90) | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) |
| 69 | 0.023 | ( 0, 74) | 0.022 | (180, 16) | 0.022 | ( 90, 0) |
| 7 | 0.026 | ( 0, 0) | 0.026 | ( 90, 0) | 0.025 | ( 0, 90) |
| 70 | 0.024 | ( 0, 90) | 0.024 | ( 0, 0) | 0.024 | ( 90, 0) |
| 71 | 0.022 | ( 0, 90) | 0.021 | ( 0, 0) | 0.021 | ( 90, 0) |
| 72 | 0.020 | ( 0, 0) | 0.020 | ( 90, 0) | 0.020 | ( 0, 90) |
| 73 | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) | 0.023 | ( 0, 90) |
| 74 | 0.023 | ( 0, 90) | 0.023 | ( 0, 0) | 0.023 | ( 90, 0) |
| 75 | 0.022 | ( 0, 90) | 0.022 | ( 0, 0) | 0.022 | ( 90, 0) |
| 76 | 0.019 | ( 0, 90) | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) |
| 77 | 0.019 | ( 0, 90) | 0.018 | ( 0, 0) | 0.018 | ( 90, 0) |
| 78 | 0.035 | (305, 79) | 0.029 | (181, 6) | 0.028 | ( 90, 9) |
| 79 | 0.043 | (344, 73) | 0.042 | (180, 16) | 0.042 | ( 89, 4) |
| 8 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.028 | ( 0, 90) |

3D Station Confidence Regions (95.000 percent):

| STATION | MAJ-SEMI | (AZ,VANG) | MED-SEMI | (AZ,VANG) | MIN-SEMI | (AZ,VANG) |
|---|---|---|---|---|---|---|
| 80 | 0.054 | ( 0, 90) | 0.054 | ( 0, 0) | 0.054 | ( 90, 0) |
| 9 | 0.029 | ( 0, 0) | 0.029 | ( 90, 0) | 0.029 | ( 0, 90) |
| B 1408 | 0.023 | ( 90, 0) | 0.023 | ( 0, 0) | 0.000 | ( 0, 90) |
| E 630 RESET | 0.043 | ( 0, 0) | 0.043 | ( 90, 0) | 0.042 | ( 0, 90) |
| N 1408 | 0.019 | ( 0, 0) | 0.019 | ( 90, 0) | 0.000 | ( 0, 90) |
| R 630 RESET | 0.030 | ( 0, 0) | 0.030 | ( 90, 0) | 0.029 | ( 0, 90) |
| U 630 RESET | 0.028 | ( 0, 24) | 0.028 | ( 90, 0) | 0.027 | (180, 66) |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1 | 101 | 0.027 ( 0, 90) | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 15837.298 | 1.72 |
| 1 | 102 | 0.027 ( 0, 90) | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 15508.555 | 1.76 |
| 10 | 101 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 20925.942 | 0.91 |
| 10 | 102 | 0.018 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 7757.910 | 2.27 |
| 1001 | 1002 | 0.004 ( 0, 0) | 0.004 ( 90, 0) | 0.004 ( 0, 90) | 19763.652 | 0.22 |
| 1001 | 1003 | 0.043 ( 0, 90) | 0.043 ( 0, 0) | 0.043 ( 90, 0) | 43658.002 | 0.98 |
| 1001 | 1004 | 0.043 ( 0, 90) | 0.043 ( 0, 0) | 0.043 ( 90, 0) | 43826.693 | 0.97 |
| 1001 | 101 | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.012 ( 0, 90) | 55997.985 | 0.32 |
| 1001 | 102 | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 0.009 ( 0, 90) | 39722.737 | 0.43 |
| 1001 | 103 | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.015 ( 0, 90) | 66119.616 | 0.30 |
| 1001 | 201 | 0.061 ( 0, 90) | 0.061 ( 0, 0) | 0.061 ( 90, 0) | 45285.009 | 1.36 |
| 1001 | 202 | 0.061 ( 0, 90) | 0.061 ( 0, 0) | 0.061 ( 90, 0) | 43660.307 | 1.39 |
| 1001 | 203 | 0.054 ( 0, 90) | 0.054 ( 0, 0) | 0.054 ( 90, 0) | 39218.412 | 1.38 |
| 1001 | 204 | 0.049 ( 0, 90) | 0.049 ( 0, 0) | 0.049 ( 90, 0) | 35992.614 | 1.37 |
| 1001 | 205 | 0.044 ( 0, 90) | 0.044 ( 0, 0) | 0.044 ( 90, 0) | 32941.413 | 1.34 |
| 1001 | 206 | 0.037 ( 0, 90) | 0.037 ( 0, 0) | 0.037 ( 90, 0) | 29064.059 | 1.27 |
| 1001 | 207 | 0.033 ( 0, 90) | 0.033 ( 0, 0) | 0.033 ( 90, 0) | 27753.509 | 1.19 |
| 1001 | 208 | 0.031 ( 0, 90) | 0.030 ( 0, 0) | 0.030 ( 90, 0) | 33456.448 | 0.92 |
| 1001 | 209 | 0.025 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 30485.302 | 0.81 |
| 1001 | 210 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 27145.165 | 0.66 |
| 1001 | 211 | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 28056.981 | 0.87 |
| 1001 | 212 | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 26740.786 | 0.89 |
| 1001 | 213 | 0.026 ( 0, 90) | 0.026 ( 0, 0) | 0.026 ( 90, 0) | 26441.417 | 0.97 |
| 1001 | 214 | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 0.034 ( 0, 90) | 32193.479 | 1.06 |
| 1001 | 215 | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 0.034 ( 0, 90) | 30051.920 | 1.13 |
| 1001 | 216 | 0.012 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5385.067 | 2.28 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1001 | 217 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 11010.914 | 1.91 |
| 1001 | 218 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8641.815 | 2.06 |
| 1001 | 219 | 0.013 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5636.022 | 2.25 |
| 1001 | 220 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 8363.309 | 2.02 |
| 1001 | 221 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 10387.084 | 2.06 |
| 1001 | 222 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 12636.491 | 1.77 |
| 1001 | 223 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 13191.094 | 1.40 |
| 1001 | 224 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 12066.592 | 1.33 |
| 1001 | 225 | 0.028 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 26528.613 | 1.04 |
| 1001 | 226 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 27259.780 | 0.77 |
| 1001 | 227 | 0.012 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 24174.464 | 0.48 |
| 1001 | 228 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 25954.084 | 0.63 |
| 1001 | 229 | 0.009 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 21120.540 | 0.44 |
| 1001 | 230 | 0.011 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 17950.660 | 0.61 |
| 1001 | 231 | 0.020 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 19411.386 | 1.02 |
| 1001 | 232 | 0.032 (180, 80) | 0.031 ( 90, 0) | 0.031 ( 0, 10) | 22974.201 | 1.39 |
| 1001 | 233 | 0.038 ( 0, 90) | 0.037 ( 0, 0) | 0.037 ( 90, 0) | 26219.674 | 1.43 |
| 1001 | 234 | 0.043 ( 0, 90) | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 29780.477 | 1.43 |
| 1001 | 235 | 0.032 ( 0, 90) | 0.032 ( 0, 0) | 0.032 ( 90, 0) | 26681.651 | 1.20 |
| 1001 | 236 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 17249.298 | 1.33 |
| 1001 | 237 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 12187.037 | 1.66 |
| 1001 | 238 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 9150.560 | 1.89 |
| 1001 | 239 | 0.013 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 15294.895 | 0.82 |
| 1001 | 240 | 0.010 ( 0, 90) | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 21327.742 | 0.48 |
| 1001 | 241 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 25474.978 | 0.79 |
| 1001 | 242 | 0.032 ( 0, 66) | 0.032 (180, 24) | 0.032 ( 90, 0) | 29246.318 | 1.09 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1001 | 243 | 0.031 | 0.031 | 0.031 | 23780.196 | 1.32 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 244 | 0.040 | 0.040 | 0.040 | 25728.507 | 1.57 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 245 | 0.038 | 0.038 | 0.038 | 22992.531 | 1.66 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 246 | 0.045 | 0.045 | 0.045 | 26291.449 | 1.72 |
| | | ( 0, 75) | (180, 15) | ( 90, 0) | | |
| 1001 | 247 | 0.037 | 0.036 | 0.036 | 18876.843 | 1.94 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 248 | 0.036 | 0.036 | 0.036 | 19476.607 | 1.85 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 253 | 0.020 | 0.020 | 0.020 | 21370.678 | 0.92 |
| | | ( 0, 90) | ( 90, 0) | ( 0, 0) | | |
| 1001 | 254 | 0.014 | 0.014 | 0.014 | 18640.641 | 0.77 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 255 | 0.016 | 0.016 | 0.016 | 14289.882 | 1.15 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 256 | 0.018 | 0.018 | 0.018 | 9053.487 | 1.96 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 257 | 0.025 | 0.024 | 0.024 | 14892.078 | 1.67 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 258 | 0.030 | 0.030 | 0.030 | 20661.409 | 1.45 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 259 | 0.037 | 0.036 | 0.036 | 22790.675 | 1.61 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 260 | 0.034 | 0.034 | 0.034 | 20504.403 | 1.68 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 261 | 0.034 | 0.034 | 0.034 | 19468.980 | 1.77 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 262 | 0.029 | 0.028 | 0.028 | 14875.833 | 1.93 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 263 | 0.005 | 0.005 | 0.005 | 20059.384 | 0.27 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 264 | 0.010 | 0.009 | 0.009 | 23213.727 | 0.41 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 265 | 0.013 | 0.013 | 0.013 | 23590.816 | 0.54 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 266 | 0.015 | 0.015 | 0.015 | 14753.678 | 1.00 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 267 | 0.020 | 0.019 | 0.019 | 14287.253 | 1.37 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 268 | 0.018 | 0.017 | 0.017 | 17238.744 | 1.02 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 269 | 0.016 | 0.016 | 0.016 | 20347.783 | 0.79 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 270 | 0.017 | 0.017 | 0.017 | 22998.829 | 0.74 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |
| 1001 | 271 | 0.013 | 0.013 | 0.013 | 20072.860 | 0.65 |
| | | ( 0, 90) | ( 90, 0) | ( 0, 0) | | |
| 1001 | 272 | 0.021 | 0.021 | 0.021 | 18188.553 | 1.16 |
| | | ( 0, 90) | ( 0, 0) | ( 90, 0) | | |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1001 | 273 | 0.023 ( 0, 65) | 0.022 ( 90, 0) | 0.022 (180, 25) | 15279.808 | 1.50 |
| 1001 | 274 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 12778.356 | 1.64 |
| 1001 | 275 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 10314.094 | 1.98 |
| 1001 | 276 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 5806.237 | 2.32 |
| 1001 | 277 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 8808.788 | 1.91 |
| 1001 | 278 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 8947.500 | 1.89 |
| 1001 | 279 | 0.024 ( 0, 72) | 0.023 (180, 18) | 0.023 ( 90, 0) | 13099.315 | 1.85 |
| 1001 | 280 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 16127.713 | 1.45 |
| 1001 | 281 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 18625.401 | 1.20 |
| 1001 | 282 | 0.010 ( 0, 90) | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 15982.377 | 0.64 |
| 1001 | 283 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 13624.100 | 1.05 |
| 1001 | 284 | 0.008 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 17763.941 | 0.43 |
| 1001 | 285 | 0.007 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 17676.119 | 0.41 |
| 1001 | 286 | 0.005 ( 0, 90) | 0.005 ( 0, 0) | 0.005 ( 90, 0) | 19688.107 | 0.27 |
| 1001 | 287 | 0.006 ( 0, 90) | 0.005 ( 90, 0) | 0.005 ( 0, 0) | 20268.087 | 0.28 |
| 1001 | 288 | 0.009 ( 0, 90) | 0.008 ( 90, 0) | 0.008 ( 0, 0) | 17781.869 | 0.50 |
| 1001 | 289 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 15377.765 | 0.87 |
| 1001 | 290 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 13427.145 | 1.19 |
| 1001 | 291 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 11680.195 | 1.49 |
| 1001 | 292 | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 8029.856 | 2.07 |
| 1001 | 293 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6846.583 | 2.23 |
| 1001 | 294 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 7361.172 | 2.11 |
| 1001 | 295 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 7120.007 | 2.11 |
| 1001 | 296 | 0.018 (180, 74) | 0.017 ( 90, 0) | 0.017 ( 0, 16) | 8674.915 | 2.10 |
| 1001 | 297 | 0.019 ( 0, 90) | 0.018 ( 90, 0) | 0.018 ( 0, 0) | 10208.169 | 1.84 |
| 1001 | 298 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 12179.337 | 1.49 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1001 | 299 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 14577.969 | 1.23 |
| 1001 | 300 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 16819.492 | 0.92 |
| 1001 | 301 | 0.015 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 18743.864 | 0.78 |
| 1001 | 302 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 20756.895 | 0.65 |
| 1001 | 303 | 0.020 ( 0, 90) | 0.020 ( 90, 0) | 0.020 ( 0, 0) | 22660.651 | 0.90 |
| 1001 | 304 | 0.009 ( 0, 70) | 0.007 ( 90, 0) | 0.007 (180, 20) | 21056.670 | 0.44 |
| 1001 | 305 | 0.008 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 28127.808 | 0.27 |
| 1001 | 306 | 0.008 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 21030.968 | 0.38 |
| 1001 | 320 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6941.203 | 2.19 |
| 1001 | 321 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8705.106 | 2.11 |
| 1001 | 322 | 0.021 (180, 75) | 0.020 ( 90, 0) | 0.020 ( 0, 15) | 10374.952 | 1.98 |
| 1001 | 323 | 0.021 ( 0, 90) | 0.021 ( 90, 0) | 0.021 ( 0, 0) | 13089.199 | 1.63 |
| 1001 | 324 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 17985.367 | 0.95 |
| 1001 | 325 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 20165.783 | 1.11 |
| 1001 | B 1408 | 0.015 ( 90, 0) | 0.015 ( 0, 0) | 0.009 ( 0, 90) | 25706.002 | 0.58 |
| 1001 | KVTX | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.009 ( 0, 90) | 139399.518 | 0.13 |
| 1001 | N 1408 | 0.009 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2156.848 | 4.05 |
| 1001 | TXPR | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.009 ( 0, 90) | 43540.424 | 0.42 |
| 1002 | 1003 | 0.043 ( 0, 90) | 0.043 ( 0, 0) | 0.043 ( 90, 0) | 34765.599 | 1.22 |
| 1002 | 1004 | 0.043 ( 0, 90) | 0.043 ( 0, 0) | 0.043 ( 90, 0) | 33805.717 | 1.26 |
| 1002 | 101 | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.012 ( 0, 90) | 52450.182 | 0.34 |
| 1002 | 102 | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 0.009 ( 0, 90) | 36044.398 | 0.47 |
| 1002 | 103 | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.015 ( 0, 90) | 57753.025 | 0.34 |
| 1002 | 201 | 0.061 ( 0, 90) | 0.061 ( 0, 0) | 0.061 ( 90, 0) | 34880.611 | 1.76 |
| 1002 | 202 | 0.061 ( 0, 90) | 0.061 ( 0, 0) | 0.061 ( 90, 0) | 34787.460 | 1.74 |
| 1002 | 203 | 0.054 ( 0, 90) | 0.054 ( 0, 0) | 0.054 ( 90, 0) | 30738.479 | 1.77 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1002 | 204 | 0.049 ( 0, 90) | 0.049 ( 0, 0) | 0.049 ( 90, 0) | 27394.897 | 1.80 |
| 1002 | 205 | 0.044 ( 0, 90) | 0.044 ( 0, 0) | 0.044 ( 90, 0) | 24032.203 | 1.84 |
| 1002 | 206 | 0.037 ( 0, 90) | 0.037 ( 0, 0) | 0.037 ( 90, 0) | 19159.660 | 1.92 |
| 1002 | 207 | 0.033 ( 0, 90) | 0.033 ( 0, 0) | 0.033 ( 90, 0) | 16600.900 | 1.99 |
| 1002 | 208 | 0.030 ( 0, 90) | 0.030 ( 0, 0) | 0.030 ( 90, 0) | 13702.746 | 2.23 |
| 1002 | 209 | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 10753.514 | 2.26 |
| 1002 | 210 | 0.018 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 7478.649 | 2.35 |
| 1002 | 211 | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 11097.115 | 2.17 |
| 1002 | 212 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 11139.281 | 2.11 |
| 1002 | 213 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 12525.963 | 2.03 |
| 1002 | 214 | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 0.034 ( 0, 90) | 19779.058 | 1.72 |
| 1002 | 215 | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 0.034 ( 0, 90) | 21113.928 | 1.61 |
| 1002 | 216 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 14925.592 | 0.86 |
| 1002 | 217 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 16674.832 | 1.27 |
| 1002 | 218 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 15602.368 | 1.16 |
| 1002 | 219 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 14288.529 | 0.92 |
| 1002 | 220 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 13338.127 | 1.29 |
| 1002 | 221 | 0.022 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 18544.196 | 1.17 |
| 1002 | 222 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 14076.569 | 1.59 |
| 1002 | 223 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 9491.683 | 1.93 |
| 1002 | 224 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 8060.914 | 1.97 |
| 1002 | 225 | 0.027 ( 0, 90) | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 12717.781 | 2.16 |
| 1002 | 226 | 0.021 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 8914.566 | 2.31 |
| 1002 | 227 | 0.011 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 4475.708 | 2.42 |
| 1002 | 228 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 6738.694 | 2.34 |
| 1002 | 229 | 0.008 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 3397.112 | 2.44 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1002 | 230 | 0.010 ( 0, 90) | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 4157.880 | 2.42 |
| 1002 | 231 | 0.019 ( 0, 90) | 0.019 ( 90, 0) | 0.019 ( 0, 0) | 8736.346 | 2.23 |
| 1002 | 232 | 0.032 (180, 80) | 0.030 ( 90, 0) | 0.030 ( 0, 10) | 15344.494 | 2.07 |
| 1002 | 233 | 0.037 ( 0, 90) | 0.037 ( 0, 0) | 0.037 ( 90, 0) | 19254.141 | 1.95 |
| 1002 | 234 | 0.043 ( 0, 90) | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 22088.794 | 1.93 |
| 1002 | 235 | 0.032 ( 0, 90) | 0.032 ( 0, 0) | 0.032 ( 90, 0) | 15342.512 | 2.08 |
| 1002 | 236 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 11314.236 | 2.02 |
| 1002 | 237 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 11628.322 | 1.74 |
| 1002 | 238 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 11440.425 | 1.52 |
| 1002 | 239 | 0.012 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5136.280 | 2.32 |
| 1002 | 240 | 0.009 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 3919.770 | 2.39 |
| 1002 | 241 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.019 ( 90, 0) | 8636.439 | 2.28 |
| 1002 | 242 | 0.032 ( 0, 66) | 0.031 (180, 24) | 0.031 ( 90, 0) | 14760.568 | 2.15 |
| 1002 | 243 | 0.031 ( 0, 90) | 0.031 ( 0, 0) | 0.031 ( 90, 0) | 15424.453 | 2.02 |
| 1002 | 244 | 0.040 ( 0, 90) | 0.040 ( 0, 0) | 0.040 ( 90, 0) | 22187.837 | 1.82 |
| 1002 | 245 | 0.038 ( 0, 90) | 0.038 ( 0, 0) | 0.038 ( 90, 0) | 22002.657 | 1.74 |
| 1002 | 246 | 0.045 ( 0, 75) | 0.045 (180, 15) | 0.045 ( 90, 0) | 26617.003 | 1.70 |
| 1002 | 247 | 0.037 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 25746.731 | 1.42 |
| 1002 | 248 | 0.036 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 23457.903 | 1.54 |
| 1002 | 253 | 0.019 ( 0, 90) | 0.019 ( 90, 0) | 0.019 ( 0, 0) | 8756.968 | 2.22 |
| 1002 | 254 | 0.014 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 5825.052 | 2.36 |
| 1002 | 255 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7560.166 | 2.13 |
| 1002 | 256 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 12574.758 | 1.42 |
| 1002 | 257 | 0.025 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 14033.317 | 1.77 |
| 1002 | 258 | 0.030 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 15401.845 | 1.93 |
| 1002 | 259 | 0.037 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 20263.311 | 1.81 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1002 | 260 | 0.034 ( 0, 90) | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 19922.256 | 1.73 |
| 1002 | 261 | 0.034 ( 0, 90) | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 21020.387 | 1.64 |
| 1002 | 262 | 0.029 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 19742.184 | 1.46 |
| 1002 | 263 | 0.003 ( 0, 90) | 0.002 ( 0, 0) | 0.002 ( 90, 0) | 732.010 | 4.25 |
| 1002 | 264 | 0.009 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 3554.988 | 2.40 |
| 1002 | 265 | 0.012 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5087.843 | 2.36 |
| 1002 | 266 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 6471.921 | 2.20 |
| 1002 | 267 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 9763.986 | 1.98 |
| 1002 | 268 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 7802.311 | 2.20 |
| 1002 | 269 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6854.387 | 2.28 |
| 1002 | 270 | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7177.956 | 2.31 |
| 1002 | 271 | 0.012 ( 0, 90) | 0.012 ( 90, 0) | 0.012 ( 0, 0) | 5352.732 | 2.33 |
| 1002 | 272 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 9804.586 | 2.13 |
| 1002 | 273 | 0.023 ( 0, 65) | 0.022 ( 90, 0) | 0.022 (180, 25) | 11541.545 | 1.97 |
| 1002 | 274 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 11836.718 | 1.77 |
| 1002 | 275 | 0.021 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 14543.112 | 1.41 |
| 1002 | 276 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 16523.988 | 0.85 |
| 1002 | 277 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 11078.901 | 1.53 |
| 1002 | 278 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 11269.125 | 1.51 |
| 1002 | 279 | 0.024 ( 0, 72) | 0.023 (180, 18) | 0.023 ( 90, 0) | 14748.954 | 1.64 |
| 1002 | 280 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 12047.743 | 1.93 |
| 1002 | 281 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 10640.635 | 2.09 |
| 1002 | 282 | 0.009 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 3938.853 | 2.40 |
| 1002 | 283 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 6268.522 | 2.21 |
| 1002 | 284 | 0.006 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2467.344 | 2.61 |
| 1002 | 285 | 0.006 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2328.429 | 2.55 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1002 | 286 | 0.003 ( 0, 90) | 0.002 ( 0, 0) | 0.001 ( 90, 0) | 301.924 | 10.17 |
| 1002 | 287 | 0.004 ( 0, 90) | 0.003 ( 90, 0) | 0.003 ( 0, 0) | 1023.721 | 3.59 |
| 1002 | 288 | 0.008 ( 0, 90) | 0.007 ( 90, 0) | 0.007 ( 0, 0) | 2789.873 | 2.82 |
| 1002 | 289 | 0.013 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5347.285 | 2.39 |
| 1002 | 290 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 7136.692 | 2.19 |
| 1002 | 291 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 8878.065 | 1.94 |
| 1002 | 292 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.016 ( 90, 0) | 12585.661 | 1.34 |
| 1002 | 293 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 13763.504 | 1.13 |
| 1002 | 294 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 12865.254 | 1.23 |
| 1002 | 295 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 12660.279 | 1.21 |
| 1002 | 296 | 0.018 (180, 74) | 0.017 ( 90, 0) | 0.017 ( 0, 16) | 12984.455 | 1.42 |
| 1002 | 297 | 0.019 ( 0, 90) | 0.018 ( 90, 0) | 0.018 ( 0, 0) | 11369.385 | 1.65 |
| 1002 | 298 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 9408.488 | 1.91 |
| 1002 | 299 | 0.018 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 8324.426 | 2.11 |
| 1002 | 300 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6686.755 | 2.25 |
| 1002 | 301 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 6119.334 | 2.31 |
| 1002 | 302 | 0.013 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5341.255 | 2.40 |
| 1002 | 303 | 0.020 ( 0, 90) | 0.020 ( 90, 0) | 0.020 ( 0, 0) | 8837.212 | 2.27 |
| 1002 | 304 | 0.008 ( 0, 71) | 0.006 ( 90, 0) | 0.006 (180, 19) | 2200.608 | 3.75 |
| 1002 | 305 | 0.006 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 8431.612 | 0.73 |
| 1002 | 306 | 0.007 ( 0, 90) | 0.004 ( 0, 0) | 0.004 ( 90, 0) | 1545.268 | 4.36 |
| 1002 | 307 | 0.014 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 13909.140 | 0.99 |
| 1002 | 308 | 0.012 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 12704.018 | 0.91 |
| 1002 | 309 | 0.008 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 10700.956 | 0.79 |
| 1002 | 310 | 0.008 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 9857.491 | 0.80 |
| 1002 | 311 | 0.011 (145, 73) | 0.006 (268, 9) | 0.006 ( 0, 14) | 7758.552 | 1.40 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1002 | 312 | 0.008 ( 0, 90) | 0.008 ( 90, 0) | 0.008 ( 0, 0) | 5462.105 | 1.56 |
| 1002 | 313 | 0.010 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 6497.934 | 1.51 |
| 1002 | 314 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 9089.118 | 2.44 |
| 1002 | 315 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 9926.922 | 1.57 |
| 1002 | 316 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 8396.674 | 1.89 |
| 1002 | 317 | 0.012 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 5866.470 | 2.04 |
| 1002 | 318 | 0.015 ( 0, 90) | 0.014 ( 90, 0) | 0.014 ( 0, 0) | 7314.668 | 2.01 |
| 1002 | 319 | 0.010 ( 0, 72) | 0.008 ( 90, 0) | 0.008 (180, 18) | 4229.146 | 2.28 |
| 1002 | 320 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 14958.777 | 1.04 |
| 1002 | 321 | 0.019 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 15537.200 | 1.20 |
| 1002 | 322 | 0.021 (180, 75) | 0.020 ( 90, 0) | 0.020 ( 0, 15) | 13498.664 | 1.53 |
| 1002 | 323 | 0.021 ( 0, 90) | 0.021 ( 90, 0) | 0.021 ( 0, 0) | 11469.156 | 1.86 |
| 1002 | 324 | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7449.707 | 2.24 |
| 1002 | 325 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 10303.669 | 2.15 |
| 1002 | B 1408 | 0.014 ( 90, 0) | 0.014 ( 0, 0) | 0.009 ( 0, 90) | 6102.235 | 2.33 |
| 1002 | KVTX | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.009 ( 0, 90) | 119756.015 | 0.15 |
| 1002 | N 1408 | 0.009 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 17890.573 | 0.49 |
| 1002 | TXPR | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.009 ( 0, 90) | 51686.382 | 0.35 |
| 1003 | 1004 | 0.006 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2551.264 | 2.25 |
| 1003 | 249 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 8406.669 | 1.81 |
| 1003 | 250 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 8357.830 | 1.86 |
| 1003 | 251 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 9031.591 | 1.89 |
| 1003 | 252 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 11992.487 | 1.86 |
| 1003 | KVTX | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 0.043 ( 0, 90) | 121096.382 | 0.37 |
| 1003 | TXPR | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 0.043 ( 0, 90) | 84936.781 | 0.53 |
| 1004 | 249 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 9041.720 | 1.69 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 1004 | 250 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 9431.350 | 1.66 |
| 1004 | 251 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 11285.941 | 1.53 |
| 1004 | 252 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 14437.338 | 1.55 |
| 1004 | KVTX | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 0.043 ( 0, 90) | 118618.114 | 0.38 |
| 1004 | TXPR | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 0.043 ( 0, 90) | 84489.888 | 0.54 |
| 101 | 102 | 0.008 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 16733.480 | 0.48 |
| 101 | 103 | 0.012 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 16746.689 | 0.72 |
| 101 | 11 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 17018.740 | 0.92 |
| 101 | 12 | 0.009 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 15822.697 | 0.55 |
| 101 | 13 | 0.016 (180, 73) | 0.015 ( 90, 0) | 0.015 ( 0, 17) | 15809.762 | 1.03 |
| 101 | 2 | 0.026 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 18261.065 | 1.40 |
| 101 | 211 | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 0.026 ( 0, 90) | 44339.707 | 0.66 |
| 101 | 212 | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 0.026 ( 0, 90) | 42849.968 | 0.66 |
| 101 | 213 | 0.030 ( 0, 0) | 0.030 ( 90, 0) | 0.027 ( 0, 90) | 40721.440 | 0.73 |
| 101 | 214 | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.035 ( 0, 90) | 34386.410 | 1.04 |
| 101 | 215 | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.035 ( 0, 90) | 31457.288 | 1.13 |
| 101 | 22 | 0.007 ( 0, 90) | 0.007 ( 0, 0) | 0.006 ( 90, 0) | 2719.282 | 2.73 |
| 101 | 23 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 6775.140 | 2.32 |
| 101 | 24 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 8264.221 | 2.29 |
| 101 | 25 | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7280.535 | 2.30 |
| 101 | 25R B | 0.008 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 16681.259 | 0.50 |
| 101 | 26 | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 11271.370 | 2.14 |
| 101 | 27 | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 14041.593 | 2.07 |
| 101 | 28 | 0.035 ( 0, 90) | 0.035 ( 0, 0) | 0.035 ( 90, 0) | 17815.064 | 1.99 |
| 101 | 29 | 0.042 ( 0, 90) | 0.041 ( 0, 0) | 0.041 ( 90, 0) | 21570.348 | 1.93 |
| 101 | 3 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 16520.043 | 1.10 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 101 | 30 | 0.036 ( 0, 90) | 0.035 ( 0, 0) | 0.035 ( 90, 0) | 18568.067 | 1.92 |
| 101 | 31 | 0.027 ( 0, 90) | 0.026 ( 0, 0) | 0.026 ( 90, 0) | 12832.161 | 2.07 |
| 101 | 32 | 0.012 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 16752.370 | 0.74 |
| 101 | 33 | 0.014 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 18669.144 | 0.75 |
| 101 | 34 | 0.016 ( 0, 90) | 0.016 ( 0, 0) | 0.015 ( 90, 0) | 17207.503 | 0.93 |
| 101 | 35 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 12701.985 | 1.53 |
| 101 | 36 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 10924.004 | 1.93 |
| 101 | 37 | 0.025 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 12182.160 | 2.04 |
| 101 | 4 | 0.006 ( 0, 90) | 0.005 ( 0, 0) | 0.005 ( 90, 0) | 2233.163 | 2.73 |
| 101 | 5 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 8701.064 | 1.72 |
| 101 | 6 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 22318.376 | 0.68 |
| 101 | 7 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 27676.531 | 0.92 |
| 101 | 8 | 0.028 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 28261.023 | 1.00 |
| 101 | 9 | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 28265.280 | 1.03 |
| 101 | E 630 RESET | 0.042 ( 0, 90) | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 20734.772 | 2.02 |
| 101 | KVTX | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 0.008 ( 0, 90) | 125064.760 | 0.09 |
| 101 | R 630 RESET | 0.029 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 15405.979 | 1.85 |
| 101 | TXLR | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 0.008 ( 0, 90) | 162900.895 | 0.07 |
| 101 | TXPR | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 0.008 ( 0, 90) | 31019.348 | 0.35 |
| 101 | U 630 RESET | 0.028 ( 0, 74) | 0.027 (180, 16) | 0.027 ( 90, 0) | 16297.498 | 1.69 |
| 102 | 103 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 27316.294 | 0.47 |
| 102 | 11 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 6019.195 | 2.31 |
| 102 | 12 | 0.003 ( 0, 90) | 0.003 ( 0, 0) | 0.003 ( 90, 0) | 995.965 | 3.20 |
| 102 | 13 | 0.015 (180, 73) | 0.014 ( 90, 0) | 0.014 ( 0, 17) | 6124.010 | 2.40 |
| 102 | 14 | 0.028 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 13221.505 | 2.11 |
| 102 | 15 | 0.036 ( 0, 90) | 0.035 ( 0, 0) | 0.035 ( 90, 0) | 17085.499 | 2.10 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 102 | 16 | 0.036 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 16830.757 | 2.15 |
| 102 | 17 | 0.050 ( 0, 90) | 0.050 ( 0, 0) | 0.050 ( 90, 0) | 25425.213 | 1.97 |
| 102 | 18 | 0.036 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 18164.633 | 1.99 |
| 102 | 19 | 0.032 ( 0, 90) | 0.031 ( 0, 0) | 0.031 ( 90, 0) | 17206.355 | 1.84 |
| 102 | 2 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 12658.013 | 1.98 |
| 102 | 20 | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 15346.028 | 1.89 |
| 102 | 201 | 0.063 ( 0, 0) | 0.063 ( 90, 0) | 0.062 ( 0, 90) | 70376.557 | 0.90 |
| 102 | 202 | 0.062 ( 0, 0) | 0.062 ( 90, 0) | 0.061 ( 0, 90) | 70644.582 | 0.88 |
| 102 | 203 | 0.056 ( 0, 0) | 0.056 ( 90, 0) | 0.055 ( 0, 90) | 66717.065 | 0.84 |
| 102 | 204 | 0.051 ( 0, 0) | 0.051 ( 90, 0) | 0.050 ( 0, 90) | 63406.798 | 0.81 |
| 102 | 205 | 0.047 ( 0, 0) | 0.047 ( 90, 0) | 0.045 ( 0, 90) | 60061.952 | 0.78 |
| 102 | 206 | 0.040 ( 0, 0) | 0.040 ( 90, 0) | 0.038 ( 0, 90) | 55195.599 | 0.72 |
| 102 | 207 | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.034 ( 0, 90) | 52608.260 | 0.69 |
| 102 | 21 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 11227.275 | 2.22 |
| 102 | 216 | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 0.015 ( 0, 90) | 35929.473 | 0.57 |
| 102 | 217 | 0.026 ( 0, 0) | 0.026 ( 90, 0) | 0.022 ( 0, 90) | 28833.730 | 0.90 |
| 102 | 218 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.020 ( 0, 90) | 31468.475 | 0.76 |
| 102 | 219 | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 0.015 ( 0, 90) | 38785.969 | 0.54 |
| 102 | 22 | 0.011 ( 0, 90) | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 19451.898 | 0.56 |
| 102 | 220 | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 0.019 ( 0, 90) | 41441.689 | 0.57 |
| 102 | 221 | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 0.023 ( 0, 90) | 47379.922 | 0.57 |
| 102 | 222 | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 0.024 ( 0, 90) | 45606.451 | 0.60 |
| 102 | 223 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.020 ( 0, 90) | 41692.575 | 0.58 |
| 102 | 224 | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 0.018 ( 0, 90) | 34434.283 | 0.66 |
| 102 | 23 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 23471.678 | 0.74 |
| 102 | 24 | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 23903.314 | 0.85 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 102 | 25 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 20352.630 | 0.89 |
| 102 | 25R B | 0.002 ( 0, 90) | 0.002 ( 0, 0) | 0.002 ( 90, 0) | 705.552 | 3.54 |
| 102 | 26 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 22093.561 | 1.13 |
| 102 | 27 | 0.030 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 23511.316 | 1.26 |
| 102 | 28 | 0.036 ( 0, 90) | 0.035 ( 0, 0) | 0.035 ( 90, 0) | 26010.464 | 1.38 |
| 102 | 29 | 0.042 ( 0, 90) | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 29067.587 | 1.44 |
| 102 | 3 | 0.017 ( 0, 90) | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 7766.576 | 2.19 |
| 102 | 30 | 0.036 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 24413.762 | 1.47 |
| 102 | 31 | 0.027 ( 0, 90) | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 21516.922 | 1.26 |
| 102 | 38 | 0.014 ( 0, 90) | 0.014 ( 0, 0) | 0.014 ( 90, 0) | 25383.232 | 0.55 |
| 102 | 39 | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 19949.569 | 1.09 |
| 102 | 4 | 0.010 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 14500.377 | 0.68 |
| 102 | 40 | 0.028 ( 0, 74) | 0.028 (180, 16) | 0.028 ( 90, 0) | 14857.843 | 1.91 |
| 102 | 41 | 0.032 ( 0, 90) | 0.031 ( 0, 0) | 0.031 ( 90, 0) | 18205.266 | 1.73 |
| 102 | 42 | 0.034 ( 0, 90) | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 21132.733 | 1.63 |
| 102 | 43 | 0.039 ( 0, 90) | 0.039 ( 0, 0) | 0.039 ( 90, 0) | 24851.980 | 1.56 |
| 102 | 44 | 0.041 ( 0, 90) | 0.041 ( 0, 0) | 0.041 ( 90, 0) | 28954.893 | 1.43 |
| 102 | 45 | 0.045 ( 0, 90) | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 32206.152 | 1.40 |
| 102 | 46 | 0.051 (158, 71) | 0.050 (268, 7) | 0.050 ( 0, 18) | 36087.561 | 1.40 |
| 102 | 47 | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 0.007 ( 0, 90) | 24726.372 | 0.41 |
| 102 | 48 | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 0.009 ( 0, 90) | 24322.865 | 0.46 |
| 102 | 48B | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 0.009 ( 0, 90) | 24310.763 | 0.46 |
| 102 | 49 | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 0.013 ( 0, 90) | 22604.689 | 0.65 |
| 102 | 49B | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 0.013 ( 0, 90) | 22608.396 | 0.65 |
| 102 | 5 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 8032.903 | 1.84 |
| 102 | 50 | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.017 ( 0, 90) | 20976.046 | 0.85 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 102 | 51 | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 0.021 ( 0, 90) | 18182.593 | 1.20 |
| 102 | 52 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.024 ( 0, 90) | 15906.962 | 1.50 |
| 102 | 53 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.024 ( 0, 90) | 14054.181 | 1.72 |
| 102 | 54 | 0.028 ( 0, 0) | 0.028 ( 0, 90) | 0.028 ( 90, 0) | 16914.714 | 1.65 |
| 102 | 57 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 8950.459 | 2.16 |
| 102 | 58 | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 10380.829 | 2.06 |
| 102 | 59 | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 13465.769 | 1.88 |
| 102 | 6 | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 5587.278 | 2.37 |
| 102 | 60 | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 0.025 ( 0, 90) | 15941.236 | 1.59 |
| 102 | 61 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.023 ( 0, 90) | 20292.380 | 1.17 |
| 102 | 62 | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 17990.753 | 1.60 |
| 102 | 63 | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 0.021 ( 0, 90) | 18397.533 | 1.14 |
| 102 | 64 | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 0.018 ( 0, 90) | 19494.504 | 0.99 |
| 102 | 65 | 0.002 ( 0, 90) | 0.001 ( 0, 0) | 0.001 ( 90, 0) | 320.771 | 5.57 |
| 102 | 66 | 0.017 ( 0, 0) | 0.017 ( 90, 0) | 0.017 ( 0, 90) | 24760.898 | 0.69 |
| 102 | 67 | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 0.017 ( 0, 90) | 24310.978 | 0.73 |
| 102 | 68 | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.019 ( 0, 90) | 22606.115 | 0.87 |
| 102 | 69 | 0.023 ( 0, 33) | 0.023 ( 90, 0) | 0.023 (180, 57) | 20999.059 | 1.10 |
| 102 | 7 | 0.025 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 11001.202 | 2.23 |
| 102 | 70 | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.024 ( 0, 90) | 18472.896 | 1.32 |
| 102 | 71 | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 0.022 ( 0, 90) | 19532.052 | 1.13 |
| 102 | 72 | 0.020 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 9012.651 | 2.19 |
| 102 | 73 | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 13025.678 | 1.79 |
| 102 | 74 | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 0.023 ( 0, 90) | 15721.759 | 1.47 |
| 102 | 75 | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 0.022 ( 0, 90) | 16890.862 | 1.31 |
| 102 | 76 | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.019 ( 0, 90) | 21290.487 | 0.92 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 102 | 77 | 0.020 ( 0, 0) | 0.019 ( 90, 0) | 0.019 ( 0, 90) | 21822.241 | 0.89 |
| 102 | 78 | 0.035 (305, 79) | 0.029 (181, 6) | 0.028 ( 90, 9) | 16509.145 | 2.13 |
| 102 | 79 | 0.043 (344, 71) | 0.042 (180, 18) | 0.042 ( 88, 5) | 28489.810 | 1.52 |
| 102 | 8 | 0.028 ( 0, 90) | 0.027 ( 0, 0) | 0.027 ( 90, 0) | 12622.276 | 2.19 |
| 102 | 80 | 0.054 ( 0, 90) | 0.054 ( 0, 0) | 0.054 ( 90, 0) | 34724.648 | 1.56 |
| 102 | 9 | 0.028 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 12996.637 | 2.19 |
| 102 | E 630 RESET | 0.042 ( 0, 90) | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 32260.188 | 1.31 |
| 102 | KVTX | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 0.002 ( 0, 90) | 123675.586 | 0.06 |
| 102 | R 630 RESET | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 18389.402 | 1.56 |
| 102 | TXLR | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 0.002 ( 0, 90) | 176758.124 | 0.04 |
| 102 | TXPR | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 0.002 ( 0, 90) | 27456.814 | 0.29 |
| 102 | U 630 RESET | 0.027 ( 0, 74) | 0.027 (180, 16) | 0.027 ( 90, 0) | 15015.638 | 1.83 |
| 103 | 212 | 0.030 ( 0, 0) | 0.030 ( 90, 0) | 0.027 ( 0, 90) | 46850.416 | 0.63 |
| 103 | 213 | 0.031 ( 0, 0) | 0.031 ( 90, 0) | 0.029 ( 0, 90) | 45231.919 | 0.68 |
| 103 | 214 | 0.037 ( 0, 0) | 0.037 ( 90, 0) | 0.036 ( 0, 90) | 38004.355 | 0.96 |
| 103 | 215 | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.036 ( 0, 90) | 37341.467 | 0.97 |
| 103 | 32 | 0.003 ( 0, 90) | 0.001 ( 0, 0) | 0.001 ( 90, 0) | 42.281 | 66.15 |
| 103 | 33 | 0.008 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2614.216 | 2.94 |
| 103 | 34 | 0.012 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 4638.824 | 2.49 |
| 103 | 35 | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8715.116 | 2.08 |
| 103 | 36 | 0.022 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 13414.009 | 1.62 |
| 103 | 37 | 0.026 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 17951.585 | 1.45 |
| 103 | 38 | 0.006 ( 0, 90) | 0.005 ( 0, 0) | 0.005 ( 90, 0) | 2224.337 | 2.67 |
| 103 | 39 | 0.019 ( 0, 90) | 0.019 ( 0, 0) | 0.019 ( 90, 0) | 8887.356 | 2.18 |
| 103 | 40 | 0.029 ( 0, 74) | 0.029 (180, 16) | 0.029 ( 90, 0) | 19966.809 | 1.48 |
| 103 | 41 | 0.032 ( 0, 90) | 0.032 ( 0, 0) | 0.032 ( 90, 0) | 20057.728 | 1.59 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 103 | 42 | 0.035 ( 0, 90) | 0.034 ( 0, 0) | 0.034 ( 90, 0) | 20598.332 | 1.68 |
| 103 | 43 | 0.038 ( 0, 90) | 0.038 ( 0, 0) | 0.038 ( 90, 0) | 20625.842 | 1.86 |
| 103 | 44 | 0.041 ( 0, 90) | 0.041 ( 0, 0) | 0.041 ( 90, 0) | 22734.910 | 1.81 |
| 103 | 45 | 0.045 ( 0, 90) | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 24698.336 | 1.82 |
| 103 | 46 | 0.050 (158, 71) | 0.049 (268, 6) | 0.049 ( 0, 17) | 27386.117 | 1.84 |
| 103 | KVTX | 0.015 ( 0, 0) | 0.014 ( 90, 0) | 0.013 ( 0, 90) | 110550.488 | 0.13 |
| 103 | TXLR | 0.015 ( 0, 0) | 0.014 ( 90, 0) | 0.013 ( 0, 90) | 149483.006 | 0.10 |
| 103 | TXPR | 0.015 ( 0, 0) | 0.014 ( 90, 0) | 0.013 ( 0, 90) | 47640.422 | 0.30 |
| 105 | 314 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6090.069 | 2.48 |
| 14 | TXPR | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 0.028 ( 0, 90) | 24500.096 | 1.16 |
| 15 | TXPR | 0.036 ( 0, 90) | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 29536.293 | 1.22 |
| 16 | TXPR | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.036 ( 0, 90) | 32983.026 | 1.10 |
| 17 | TXPR | 0.050 ( 0, 0) | 0.050 ( 90, 0) | 0.050 ( 0, 90) | 36845.294 | 1.36 |
| 18 | TXPR | 0.036 ( 0, 0) | 0.036 ( 90, 0) | 0.036 ( 0, 90) | 26650.173 | 1.36 |
| 19 | TXPR | 0.032 ( 0, 90) | 0.032 ( 0, 0) | 0.032 ( 90, 0) | 20177.268 | 1.57 |
| 20 | TXPR | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 0.029 ( 0, 90) | 19402.294 | 1.50 |
| 21 | TXPR | 0.026 ( 0, 0) | 0.026 ( 90, 0) | 0.025 ( 0, 90) | 27745.990 | 0.93 |
| 305 | 307 | 0.013 ( 0, 90) | 0.012 ( 0, 0) | 0.012 ( 90, 0) | 5593.517 | 2.27 |
| 305 | 308 | 0.010 ( 0, 90) | 0.010 ( 0, 0) | 0.010 ( 90, 0) | 4375.479 | 2.33 |
| 305 | 309 | 0.006 ( 0, 90) | 0.006 ( 0, 0) | 0.006 ( 90, 0) | 2335.583 | 2.65 |
| 305 | 310 | 0.005 ( 0, 90) | 0.004 ( 0, 0) | 0.004 ( 90, 0) | 1471.759 | 3.55 |
| 305 | 311 | 0.010 (146, 72) | 0.002 (267, 10) | 0.002 ( 0, 15) | 698.537 | 13.90 |
| 305 | 312 | 0.007 ( 0, 90) | 0.007 ( 90, 0) | 0.007 ( 0, 0) | 3142.055 | 2.38 |
| 305 | 313 | 0.009 ( 0, 90) | 0.009 ( 0, 0) | 0.009 ( 90, 0) | 4096.331 | 2.18 |
| 305 | 315 | 0.015 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 7926.373 | 1.93 |
| 305 | 316 | 0.016 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 9510.579 | 1.68 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 305 | 317 | 0.012 ( 0, 90) | 0.011 ( 0, 0) | 0.011 ( 90, 0) | 6928.162 | 1.76 |
| 305 | 318 | 0.015 ( 0, 90) | 0.014 ( 90, 0) | 0.014 ( 0, 0) | 8893.326 | 1.68 |
| 305 | 319 | 0.010 ( 0, 72) | 0.008 ( 90, 0) | 0.008 (180, 18) | 4206.133 | 2.31 |
| 38 | TXPR | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 0.014 ( 0, 90) | 46504.259 | 0.33 |
| 39 | TXPR | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 0.022 ( 0, 90) | 43591.981 | 0.52 |
| 40 | TXPR | 0.029 ( 0, 34) | 0.029 ( 90, 0) | 0.028 (180, 56) | 42044.745 | 0.68 |
| 41 | TXPR | 0.032 ( 0, 0) | 0.032 ( 90, 0) | 0.032 ( 0, 90) | 45426.269 | 0.70 |
| 42 | TXPR | 0.035 ( 0, 0) | 0.035 ( 90, 0) | 0.035 ( 0, 90) | 48374.973 | 0.72 |
| 44 | TXPR | 0.042 ( 0, 0) | 0.042 ( 90, 0) | 0.042 ( 0, 90) | 56123.785 | 0.74 |
| 45 | TXPR | 0.045 ( 0, 0) | 0.045 ( 90, 0) | 0.045 ( 0, 90) | 59391.770 | 0.76 |
| 46 | TXPR | 0.051 (158, 62) | 0.050 (265, 9) | 0.050 ( 0, 27) | 63291.037 | 0.80 |
| 47 | TXPR | 0.007 ( 0, 90) | 0.007 ( 0, 0) | 0.007 ( 90, 0) | 2742.865 | 2.56 |
| 48 | TXPR | 0.008 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 3459.615 | 2.45 |
| 48B | TXPR | 0.009 ( 0, 90) | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 3466.071 | 2.55 |
| 49 | TXPR | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 5486.700 | 2.36 |
| 49B | TXPR | 0.013 ( 0, 90) | 0.013 ( 0, 0) | 0.013 ( 90, 0) | 5492.753 | 2.35 |
| 50 | TXPR | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7275.429 | 2.30 |
| 51 | TXPR | 0.021 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 10035.519 | 2.10 |
| 52 | TXPR | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.023 ( 90, 0) | 12399.805 | 1.90 |
| 53 | TXPR | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 0.024 ( 0, 90) | 14248.672 | 1.70 |
| 54 | TXPR | 0.028 ( 0, 90) | 0.028 ( 0, 0) | 0.028 ( 90, 0) | 15824.485 | 1.76 |
| 57 | TXPR | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.019 ( 0, 90) | 18547.708 | 1.09 |
| 58 | TXPR | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 0.021 ( 0, 90) | 17076.126 | 1.28 |
| 59 | TXPR | 0.025 ( 0, 90) | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 16052.242 | 1.58 |
| 60 | TXPR | 0.025 ( 0, 0) | 0.025 ( 90, 0) | 0.025 ( 0, 90) | 13802.904 | 1.82 |
| 61 | TXPR | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 10930.651 | 2.11 |

3D Relative Confidence Regions (95.000 percent):

| FROM | TO | MAJ-SEMI (AZ,VANG) | MED-SEMI (AZ,VANG) | MIN-SEMI (AZ,VANG) | DISTANCE | PPM |
|---|---|---|---|---|---|---|
| 62 | TXPR | 0.029 ( 0, 90) | 0.029 ( 0, 0) | 0.029 ( 90, 0) | 15867.880 | 1.82 |
| 63 | TXPR | 0.020 ( 0, 90) | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 9486.392 | 2.15 |
| 64 | TXPR | 0.018 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8289.042 | 2.22 |
| 65 | TXPR | 0.008 ( 0, 0) | 0.008 ( 90, 0) | 0.003 ( 0, 90) | 27495.406 | 0.29 |
| 66 | TXPR | 0.017 ( 0, 90) | 0.015 ( 0, 0) | 0.015 ( 90, 0) | 6658.990 | 2.48 |
| 67 | TXPR | 0.017 ( 0, 90) | 0.016 ( 0, 0) | 0.016 ( 90, 0) | 7010.809 | 2.45 |
| 68 | TXPR | 0.019 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8165.946 | 2.30 |
| 69 | TXPR | 0.023 ( 0, 74) | 0.022 (180, 16) | 0.022 ( 90, 0) | 10343.885 | 2.21 |
| 70 | TXPR | 0.024 ( 0, 90) | 0.024 ( 0, 0) | 0.024 ( 90, 0) | 11837.436 | 2.04 |
| 71 | TXPR | 0.022 ( 0, 90) | 0.021 ( 0, 0) | 0.021 ( 90, 0) | 9898.497 | 2.18 |
| 72 | TXPR | 0.020 ( 0, 0) | 0.020 ( 90, 0) | 0.020 ( 0, 90) | 18524.038 | 1.10 |
| 73 | TXPR | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 0.023 ( 0, 90) | 14439.802 | 1.63 |
| 74 | TXPR | 0.023 ( 0, 90) | 0.023 ( 0, 0) | 0.023 ( 90, 0) | 11743.374 | 1.95 |
| 75 | TXPR | 0.022 ( 0, 90) | 0.022 ( 0, 0) | 0.022 ( 90, 0) | 10618.338 | 2.06 |
| 76 | TXPR | 0.019 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8251.979 | 2.28 |
| 77 | TXPR | 0.019 ( 0, 90) | 0.018 ( 0, 0) | 0.018 ( 90, 0) | 8136.826 | 2.31 |
| 78 | TXPR | 0.035 (305, 79) | 0.029 (181, 6) | 0.028 ( 90, 9) | 16755.263 | 2.10 |
| 79 | TXPR | 0.043 (344, 73) | 0.042 (180, 16) | 0.042 ( 89, 4) | 22211.306 | 1.95 |
| 80 | TXPR | 0.054 ( 0, 90) | 0.054 ( 0, 0) | 0.054 ( 90, 0) | 29785.930 | 1.82 |

1101205 USGS-HIDALGO-WILLACY COUNTY *** GROUND SURVEY FILE ***
HORIZONTAL - NAD 83/07 UTM ZONE 14
VERTICAL - NAVD88 METERS

| STATION | EASTING | NORTHING | ELEVATION |
|---|---|---|---|
| 1 | 581691.072 | 2940058.222 | 28.130 |
| 2 | 586333.845 | 2938287.905 | 21.096 |
| 3 | 586730.506 | 2933413.500 | 26.973 |
| 4 | 573207.515 | 2928035.320 | 51.418 |
| 5 | 579596.711 | 2927043.372 | 34.087 |
| 6 | 593052.026 | 2924976.614 | 23.383 |
| 7 | 598505.309 | 2925368.079 | 19.434 |
| 8 | 599173.643 | 2930509.010 | 15.310 |
| 9 | 596590.061 | 2916393.475 | 19.296 |
| 10 | 589236.537 | 2918127.351 | 29.723 |
| 11 | 585768.223 | 2919929.596 | 25.923 |
| 12 | 586545.553 | 2925449.334 | 25.474 |
| 13 | 586449.753 | 2931718.008 | 23.296 |
| 14 | 597543.778 | 2917082.401 | 20.304 |
| 15 | 603069.276 | 2918637.638 | 19.238 |
| 16 | 604051.650 | 2922598.011 | 17.160 |
| 17 | 612007.481 | 2918902.186 | 14.659 |
| 18 | 602253.864 | 2915084.897 | 20.200 |
| 19 | 596980.771 | 2911328.141 | 25.115 |
| 20 | 595090.939 | 2912350.048 | 23.391 |
| 21 | 597764.247 | 2921120.457 | 21.341 |
| 22 | 568331.748 | 2928889.433 | 67.316 |
| 23 | 564233.915 | 2928635.050 | 82.589 |
| 24 | 563640.160 | 2924630.494 | 82.500 |
| 25 | 567503.778 | 2921997.220 | 63.148 |
| 26 | 566841.569 | 2917908.178 | 59.100 |
| 27 | 566544.256 | 2915069.335 | 57.252 |
| 28 | 565828.592 | 2911338.521 | 53.893 |
| 29 | 564628.767 | 2907779.944 | 53.722 |
| 30 | 568866.550 | 2909941.022 | 48.666 |
| 31 | 568400.516 | 2915818.264 | 52.300 |
| 32 | 568107.178 | 2944874.005 | 56.853 |
| 33 | 565907.898 | 2946333.500 | 63.649 |
| 34 | 563535.589 | 2943876.127 | 74.089 |
| 35 | 562706.982 | 2937993.109 | 86.002 |
| 36 | 561257.895 | 2933309.375 | 97.529 |
| 37 | 558871.315 | 2929451.151 | 101.278 |
| 38 | 570203.077 | 2944243.822 | 49.765 |
| 39 | 576597.906 | 2942380.514 | 33.355 |
| 40 | 587554.273 | 2940541.986 | 22.194 |
| 41 | 588094.018 | 2943879.153 | 21.786 |
| 42 | 588568.103 | 2946788.641 | 20.377 |
| 43 | 587891.336 | 2950530.255 | 24.591 |
| 44 | 588595.160 | 2954614.572 | 24.453 |
| 45 | 589065.992 | 2957847.619 | 23.195 |
| 46 | 589651.627 | 2961701.919 | 19.164 |
| 47 | 581884.663 | 2901619.131 | 32.121 |
| 48 | 580410.326 | 2902433.677 | 32.949 |
| 48B | 580423.176 | 2902442.405 | 33.020 |
| 49 | 579922.063 | 2904403.895 | 32.922 |
| 49B | 579903.962 | 2904406.424 | 32.900 |
| 50 | 579781.738 | 2906196.136 | 32.853 |
| 51 | 580241.902 | 2909029.044 | 30.087 |
| 52 | 580509.763 | 2911411.418 | 29.032 |
| 53 | 580943.106 | 2913269.143 | 27.616 |
| 54 | 575448.472 | 2913839.837 | 37.570 |

| | | | |
|---|---|---|---|
| 55 | 580423.176 | 2902442.400 | 33.020 |
| 56 | 579903.963 | 2904406.414 | 32.900 |
| 57 | 584708.957 | 2917191.426 | 25.783 |
| 58 | 585088.565 | 2915598.037 | 26.909 |
| 59 | 589822.638 | 2912426.829 | 24.270 |
| 60 | 589516.458 | 2909878.891 | 24.892 |
| 61 | 589776.727 | 2905529.310 | 27.208 |
| 62 | 593534.858 | 2908741.778 | 22.299 |
| 63 | 585413.191 | 2907417.009 | 28.939 |
| 64 | 584791.920 | 2906391.002 | 29.623 |
| 65 | 587830.169 | 2925648.809 | 20.403 |
| 66 | 576219.459 | 2903661.677 | 36.238 |
| 67 | 576229.434 | 2904163.119 | 35.792 |
| 68 | 576595.937 | 2905901.062 | 34.083 |
| 69 | 576046.389 | 2908104.079 | 33.859 |
| 70 | 577335.815 | 2910278.436 | 31.375 |
| 71 | 578210.972 | 2908520.410 | 31.617 |
| 72 | 584431.470 | 2917221.854 | 25.987 |
| 73 | 584087.692 | 2913125.395 | 27.621 |
| 74 | 583457.421 | 2910503.844 | 29.595 |
| 75 | 582706.388 | 2909501.390 | 28.820 |
| 76 | 577930.442 | 2906683.669 | 32.360 |
| 77 | 577436.844 | 2906339.306 | 32.612 |
| 78 | 575171.892 | 2914729.744 | 39.277 |
| 79 | 562731.513 | 2911651.045 | 61.841 |
| 80 | 554995.824 | 2913536.338 | 70.827 |
| 201 | 656464.511 | 2939702.477 | 0.994 |
| 202 | 657354.110 | 2936210.609 | 1.263 |
| 203 | 653742.920 | 2933611.191 | 3.272 |
| 204 | 650549.703 | 2932392.393 | 3.225 |
| 205 | 647283.860 | 2931447.969 | 4.309 |
| 206 | 642467.631 | 2930692.405 | 5.867 |
| 207 | 639826.305 | 2931124.748 | 6.527 |
| 208 | 622765.591 | 2942184.051 | 8.927 |
| 209 | 622415.638 | 2939203.260 | 12.148 |
| 210 | 622033.609 | 2935844.805 | 11.895 |
| 211 | 614765.670 | 2935421.351 | 9.261 |
| 212 | 613523.096 | 2933573.993 | 10.655 |
| 213 | 611517.858 | 2932342.276 | 11.843 |
| 214 | 604744.004 | 2934949.759 | 13.516 |
| 215 | 602396.740 | 2930198.784 | 14.868 |
| 216 | 621379.665 | 2913720.774 | 12.704 |
| 217 | 614144.536 | 2914659.696 | 13.709 |
| 218 | 616860.010 | 2914356.131 | 12.602 |
| 219 | 624565.411 | 2914259.724 | 11.337 |
| 220 | 627767.293 | 2915887.825 | 10.346 |
| 221 | 633049.427 | 2912646.373 | 9.052 |
| 222 | 632391.785 | 2917643.057 | 8.042 |
| 223 | 628899.365 | 2920740.478 | 8.994 |
| 224 | 621568.177 | 2920661.177 | 10.335 |
| 225 | 635563.882 | 2932324.760 | 5.850 |
| 226 | 629075.023 | 2935403.733 | 8.544 |
| 227 | 624278.929 | 2932895.555 | 9.294 |
| 228 | 620395.082 | 2934511.995 | 9.616 |
| 229 | 620228.311 | 2929613.550 | 9.624 |
| 230 | 619888.443 | 2926335.728 | 9.778 |
| 231 | 615004.331 | 2926225.424 | 12.282 |
| 232 | 608297.564 | 2926023.554 | 14.038 |
| 233 | 604277.514 | 2926642.480 | 14.688 |
| 234 | 601354.849 | 2928723.314 | 16.162 |

| | | | |
|---|---|---|---|
| 235 | 608254.041 | 2930681.394 | 12.039 |
| 236 | 613601.357 | 2922913.989 | 12.158 |
| 237 | 616792.372 | 2918961.013 | 11.664 |
| 238 | 620562.425 | 2917429.843 | 12.331 |
| 239 | 621213.685 | 2923871.821 | 9.762 |
| 240 | 627156.427 | 2929735.812 | 8.343 |
| 241 | 630716.078 | 2933145.689 | 6.855 |
| 242 | 636811.870 | 2934738.472 | 6.266 |
| 243 | 638775.381 | 2926898.899 | 5.841 |
| 244 | 644902.778 | 2922900.927 | 4.312 |
| 245 | 643614.889 | 2919736.732 | 4.969 |
| 246 | 647963.608 | 2918172.046 | 6.586 |
| 247 | 642181.154 | 2910856.373 | 6.304 |
| 248 | 642093.282 | 2914287.064 | 6.094 |
| 249 | 664543.205 | 2940550.439 | -0.013 |
| 250 | 665188.824 | 2939070.401 | -0.025 |
| 251 | 665722.703 | 2932924.265 | 0.083 |
| 252 | 667171.231 | 2929400.545 | 0.021 |
| 253 | 632188.214 | 2928228.618 | 7.669 |
| 254 | 628924.224 | 2926548.733 | 9.254 |
| 255 | 627813.645 | 2922337.906 | 9.480 |
| 256 | 627752.424 | 2916692.227 | 9.935 |
| 257 | 633980.636 | 2919243.569 | 7.184 |
| 258 | 637970.719 | 2923410.968 | 6.507 |
| 259 | 642397.982 | 2921363.195 | 5.255 |
| 260 | 641054.685 | 2919206.762 | 5.207 |
| 261 | 641042.574 | 2917022.539 | 5.491 |
| 262 | 637200.584 | 2914352.277 | 6.781 |
| 263 | 622762.966 | 2928785.331 | 9.010 |
| 264 | 622510.206 | 2931931.886 | 10.476 |
| 265 | 619788.109 | 2932044.560 | 10.161 |
| 266 | 619920.838 | 2923068.993 | 10.941 |
| 267 | 616763.771 | 2921376.125 | 11.502 |
| 268 | 616681.163 | 2924601.250 | 11.574 |
| 269 | 616609.951 | 2927908.403 | 11.323 |
| 270 | 616606.167 | 2930700.100 | 11.635 |
| 271 | 628772.662 | 2928084.814 | 8.688 |
| 272 | 632409.622 | 2924552.525 | 7.509 |
| 273 | 632334.184 | 2921152.283 | 7.709 |
| 274 | 630759.125 | 2919203.262 | 8.158 |
| 275 | 630792.442 | 2915957.990 | 8.932 |
| 276 | 627794.347 | 2912564.958 | 10.042 |
| 277 | 624532.690 | 2917478.372 | 11.183 |
| 278 | 621318.820 | 2917434.877 | 13.483 |
| 279 | 613658.104 | 2917464.194 | 12.901 |
| 280 | 613611.475 | 2921533.715 | 12.101 |
| 281 | 613565.039 | 2924536.703 | 12.314 |
| 282 | 622444.081 | 2924689.920 | 8.940 |
| 283 | 624483.293 | 2922321.367 | 9.318 |
| 284 | 624805.088 | 2926447.831 | 8.613 |
| 285 | 622461.285 | 2926387.156 | 9.495 |
| 286 | 623145.459 | 2928423.119 | 8.365 |
| 287 | 622535.736 | 2928985.373 | 9.450 |
| 288 | 621576.485 | 2926422.713 | 9.772 |
| 289 | 620747.493 | 2923880.404 | 9.415 |
| 290 | 620741.763 | 2921894.203 | 10.520 |
| 291 | 620631.824 | 2920079.483 | 11.328 |
| 292 | 620577.887 | 2916246.868 | 12.123 |
| 293 | 620692.627 | 2915016.581 | 11.410 |
| 294 | 621365.122 | 2915806.140 | 11.763 |

| | | | |
|---|---|---|---|
| 295 | 623819.657 | 2915848.809 | 11.324 |
| 296 | 627754.026 | 2916257.599 | 10.375 |
| 297 | 627753.149 | 2917984.819 | 9.797 |
| 298 | 627731.672 | 2920131.603 | 9.001 |
| 299 | 628921.712 | 2922240.613 | 9.165 |
| 300 | 628897.044 | 2924642.593 | 8.389 |
| 301 | 629238.435 | 2926557.272 | 9.147 |
| 302 | 628769.285 | 2928794.360 | 7.987 |
| 303 | 632200.249 | 2929629.603 | 7.058 |
| 304 | 625273.662 | 2929712.287 | 9.152 |
| 305 | 622172.150 | 2936835.028 | 11.307 |
| 306 | 622526.146 | 2929748.397 | 8.862 |
| 307 | 622798.304 | 2942392.191 | 9.028 |
| 308 | 622683.306 | 2941179.609 | 10.719 |
| 309 | 622449.098 | 2939153.630 | 12.263 |
| 310 | 622348.992 | 2938295.807 | 11.368 |
| 311 | 622096.218 | 2936140.780 | 11.565 |
| 312 | 621812.440 | 2933714.309 | 9.638 |
| 313 | 619539.378 | 2933697.970 | 10.220 |
| 314 | 616569.445 | 2934451.278 | 9.089 |
| 315 | 614931.438 | 2933614.581 | 10.306 |
| 316 | 615242.770 | 2930323.938 | 11.833 |
| 317 | 618207.216 | 2931155.446 | 10.233 |
| 318 | 629752.725 | 2932188.071 | 8.046 |
| 319 | 622680.049 | 2932660.574 | 9.932 |
| 320 | 619118.983 | 2914182.094 | 12.541 |
| 321 | 616844.585 | 2914435.236 | 12.413 |
| 322 | 616820.617 | 2916738.228 | 13.552 |
| 323 | 616169.841 | 2919631.097 | 12.067 |
| 324 | 616664.085 | 2925402.471 | 11.990 |
| 325 | 613389.964 | 2926226.635 | 11.357 |
| 101 | 571001.807 | 2928379.479 | 56.573 |
| 102 | 587512.000 | 2925688.734 | 22.881 |
| 103 | 568066.925 | 2944861.121 | 57.240 |
| 105 | 622172.145 | 2936835.021 | 11.306 |
| 1001 | 623426.603 | 2908741.153 | 12.106 |
| 1002 | 623437.189 | 2928500.661 | 9.284 |
| 1003 | 657324.079 | 2936243.996 | 1.815 |
| 1004 | 655791.138 | 2938283.068 | 2.757 |
| 25R B | 587332.934 | 2925006.510 | 20.666 |
| B 1408 | 621858.586 | 2934393.834 | 10.468 |
| E 630RESET | 564180.544 | 2947952.444 | 67.616 |
| KVTX | 609312.229 | 3047394.637 | 24.913 |
| N 1408 | 622410.869 | 2910643.337 | 13.726 |
| R 630RESET | 578606.924 | 2941771.542 | 31.497 |
| TXLR | 455763.116 | 3043432.464 | 138.963 |
| TXPR | 580996.045 | 2899025.141 | 40.385 |
| U 630RESET | 582561.693 | 2939859.965 | 27.031 |

# LIDAR FLIGHT LOG

MISSION: Q0201111A DATE: 2/1/11

PILOT: Robbie OPERATOR: Jessica AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | WA WA | WHAT | | | | | 1534 | 1543 | | | static / 2 test strips |
| | 119 W | 145 | 23.3 | 19 | 50 | 2500 | 2209 | 2217 | | | |
| | 120 E | 160 | 24.5 | | | | 2221 | 2228 | | | large tail wind, tough time keeping speed |
| | 121 W | 145 | 23.3 | | | | 2233 | 2242 | | | |
| | 122 E | 160 | 24.5 | | | | 2250 | 2258 | | | |
| | 123 W | 145 | 23.3 | | | | 2303 | 2312 | | | |
| | 124 E | 160 | 24.5 | | | | 2315 | 2323 | | | |
| | 125 W | 150 | 23.7 | | | | 2327 | 2336 | | | |
| | 126 E | 160 | 24.5 | | | | 2340 | 2348 | | | |
| | 127 W | 150 | 23.7 | | | | 2352 | 0001 | | | |
| | 128 E | 160 | 24.5 | | | | 0005 | 0013 | | | |
| | 129 W | 150 | 23.7 | | | | 0017 | 0026 | | | |
| | 130 E | 160 | 24.5 | | | | 0029 | 0038 | | | |
| | 131 W | 150 | 23.7 | | | | 0042 | 0051 | | | |
| | x-flt N | | | | | | 0055 | 0058 | | | |
| | 132 E | 160 | 24.5 | | | | 0106 | 0114 | | | |
| | x-flt S | | | | | | 0120 | 01 | | | ALTM shut down lost swath again |
| | | | | | | | 0141 | 0146 | | | static |
| | | | | | | | | | | | |
| | | | | | | | | | | | Laser ON 01:58:19 |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| ◕ 1101205 | 199 | 14 | | 4.0 | | | 2138 | 0146 | |
| ○ | | | | | | WX | | | |
| ○ | | | | | | | | | |

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FILE No.921 02/07 '11 16:25 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 4

# LIDAR FLIGHT LOG



MISSION: Q020511A  DATE: 2/5/11

PILOT: Robbie  OPERATOR: Jessica  AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME -6 START | TIME -6 STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | 2 test strips | | | | | | 1456 | 1501 | | 0134 | static |
| Texas | 199 N | 155 | 24 | 19 | 50 | 2500 | 1522 | 1527 | | | |
| Hildago/ | 198 S | 160 | 24.5 | | | | 1530 | 1535 | | | |
| Willacy | 197 N | | | | | | 1539 | 1545 | | | |
| | 196 S | | | | | | 1548 | 1553 | | | |
| | 195 N | | | | | | 1557 | 1603 | | | |
| | 194 S | | | | | | 1606 | 1611 | | | |
| | 193 N | | | | | | 1616 | 1621 | | | |
| | 192 S | | | | | | 1624 | 1629 | | | |
| | 191 N | | | | | | 1633 | 1638 | | | ALTM shut down |
| | 190 S | | | | | | 1644 | 1649 | | | |
| | 189 N | | | | | | 1652 | 1658 | | | |
| | 188 S | | | | | | 1701 | 1706 | | | |
| | 187 N | | | | | | 1709 | 1714 | | | |
| | 186 S | | | | | | 1717 | 1722 | | | |
| | 185 N | | | | | | 1726 | 173 | | | |
| | 184 S | | | | | | 1735 | 1740 | | | |
| | 183 N | | | | | | 1743 | 1748 | | | |
| | 182 S | | | | | | 1751 | 1756 | | | |
| | 181 N | | | | | | 1800 | 1806 | | | |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: | NOTES: Laser ON time: |
|---|---|---|---|---|---|---|---|---|---|
| 1101205 | 199 | 22 | 45 | 4.0 | | | 1456 | 1911 | 02:08:10 |
| | | | | | | WX | | | |
| | | | | | | | | | |

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1:21:48  00:47:32

FILE No.919 02/07 '11 16:17 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 3

# LIDAR FLIGHT LOG

cont.

2 of 2

MISSION: Q0205111A  DATE: 2/5/11

PILOT: Robbie  OPERATOR: Jessica  AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME -6 START | TIME -6 STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | 180 S | 160 | 24.5 | 19 | 50 | 2500 | 1809 | 1813 | | 0134 | got way off line |
| | 179 N | | | | | | 1817 | 1822 | | | |
| | 178 S | | | | | | 1826 | 1829 | | | |
| | x-flt E | | | | | | 1833 | 1837 | | | |
| | ~~1850 S~~ | | | | | | | | | | ~~reflight~~ |
| | x-flt W | | | | | | 1839 | 1847 | | | |
| | 180 S | | | | | | 1852 | 1856 | | | reflight |
| | | | | | | | | | | | |
| | | | | | | | 1306 | 1311 | | | static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| ○ | | | | | | | | | |
| ○ | | | | | | WX | | | |
| ○ | | | | | | | | | |

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FILE No.919 02/07 '11 16:17 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 4

# LIDAR FLIGHT LOG

ALTM

MISSION: Q0205llB | DATE: 2/5/11 | 1

PILOT: Robbie | OPERATOR: Jessica | AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | 2 test strips | | | | | | 2017 | 2022 | | 0181 | static |
| Texas USGS | 133 W | 150 | 23.7 | 19 | 50 | 2500 | 2043 | 2053 | | | |
| Hidago/ | 134 E | 160 | 24.5 | | | | 2057 | 2106 | | | |
| Willacy | 135 W | 150 | 23.7 | | | | 2110 | 2120 | | | |
| | 136 E | 160 | 24.5 | | | | 2123 | 2133 | | | |
| | 137 W | 150 | 23.7 | | | | 2137 | 2149 | | | |
| | x-flt N | 160 | 24.5 | | | | 2152 | 2155 | | | |
| | 138 E | ↓ | | | | | 2201 | 2213 | | | |
| | x-flt S | | | | | | 2220 | 22 | | | POS ~~command~~ lost all accuracy IMU status: Failure |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: | NOTES: Laser ON time: |
|---|---|---|---|---|---|---|---|---|---|
| ● 1101205 | 199 | 6 | 39 | 2.3 | | | 2017 | | 01:05:37 |
| ○ | | | | | | WX | | | |
| ○ | | | | | | | | | |

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FILE No.919 02/07 '11 16:16 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 2

# LIDAR FLIGHT LOG

MISSION: Q020711A | DATE: 2/7/11

PILOT: Nick | OPERATOR: Kramer | AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | 3 test strips | | | | | | 1650 | 1655 | | 0134 | static |
| Texas | 177 W | 140 | 22.9 | 19 | 50 | 2500 | 1711 | 1715 | | | |
| Hildago | 176 E | | | | | | 1719 | 1720 | | | misfire |
| | 176 E | 160 | 24.5 | 19 | 50 | 2500 | 1725 | 1730 | | | |
| | 175 W | 150 | 23.7 | | | | 1736 | 1743 | | | |
| | 174 E | 160 | 24.5 | | | | 1746 | 1754 | | | |
| | 173 W | 150 | 23.7 | | | | 1759 | 1808 | | | |
| | 172 E | 160 | 24.5 | | | | 1812 | 1821 | | | |
| | 171 W | 150 | 23.7 | | | | 1826 | 1837 | | | |
| | 170 E | 160 | 24.5 | | | | 1841 | 1852 | | | |
| | 169 W | 150 | 23.7 | | | | 1857 | 1910 | | | |
| | 168 E | 160 | 24.5 | | | | 1913 | 1925 | | | ALTM shutdown |
| | 167 W | 150 | 23.7 | | | | 1931 | 1944 | | | |
| | 166 E | 160 | 24.5 | | | | 1947 | 1959 | | | |
| | 165 W | 150 | 23.7 | | | | 2003 | 2017 | | | |
| | x-flight South | | | | | | 2024 | 2027 | | | |
| | ~~x-flight North~~ | | | | | | | | | | |
| | 164 E | 160 | 24.5 | | | | 2038 | 2051 | | | |
| | x-flight South | | | | | | 2058 | 2101 | | | |
| | | | | | | | 2115 | 2120 | | | static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: |
|---|---|---|---|---|---|---|---|---|
| ● 1101205 | 199 | 15 | 24 | 4.3 | | | 1650 | 2120 |
| ○ | | | | | | WX | | |
| ○ | | | | | | | | |

NOTES: Laser ON time: 02:31:21

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FILE No.920 02/07 '11 16:22 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 1

# LIDAR FLIGHT LOG

MISSION: Q021211A | DATE: 2/12/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

ALTM

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 1537 | 1542 | | 0181 | Static |
| Texas | 2 test strips | | | | | | | | | | |
| Hildago | 164 W | 160 | 24.5 | 19 | 50 | 2500 | 1600 | 1614 | | | |
| | 163 E | 160 | 24.5 | | | | 1618 | 1634 | | | |
| | 162 W | | | | | | 1639 | 1657 | | | small cloud at west end ≈6000' |
| | 161 E | | | | | | 1700 | 1708 | | | Lost pilot display |
| | 161 E | | | | | | 1719 | 1731 | | | |
| | 160 W | | | | | | 1735 | 1754 | | | |
| | x-flt S | | | | | | 1803 | 1805 | | | |
| | 159 E | | | | | | 1813 | 1834 | | | ALTM Shutdown |
| | x-flt N | | | | | | 1847 | 1850 | | | |
| | | | | | | | 1905 | 1910 | | | Static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY |
|---|---|---|---|---|---|
| ○ 1101205 | 199 | 6 | 19 | 3.5 | |
| ○ | | | | | |
| ○ | | | | | |

| STATIC | START: | STOP: |
|---|---|---|
| | 1537 | 1910 |

WX scattered clds @ 12,000 ft

NOTES: Laser on time: 1:52:29

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FILE No.932 02/12 '11 18:40 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 2

# LIDAR FLIGHT LOG

MISSION: Q022111A | DATE: 2/21/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

ALTM

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 2157 | 2202 | | 1111 | Static |
| Texas | 2 test strips | | | | | | | | | | |
| Hildago | 158 W | 160 | 24.5 | 19 | 50 | 2500 | 2221 | 2243 | | | |
| | 157 E | 160 | 24.5 | | | | 2247 | 2309 | | | |
| | 156 W | | | | | | 2313 | 2335 | | | |
| | 155 E | | | | | | 2339 | 0000 | | | |
| | 154 W | | | | | | 0005 | 0026 | | | |
| | x-flt S | | | | | | 0029 | 0030 | | | |
| | 153 E | | | | | | 0036 | 0057 | | | |
| | x-flt S | | | | | | 0101 | 0103 | | | |
| | | | | | | | 0123 | 0128 | | | Static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| ○ 1101205 | 199 | 6 | 14 | 3.5 | | | 2157 | 0128 | Laser on time: 01:52:22 |
| ○ | | | | | | WX Haze Clouds on East End | | | |
| ○ | | | | | | | | | |

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FILE No.964 02/21 '11 21:22 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 2

# LIDAR FLIGHT LOG

MISSION: Q022511A | DATE: 2/25/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 1806 | 1811 | | 0134 | Static |
| Texas | 2 test strips | | | | | | | | | | |
| Hildago | 152 W | 155 | 24 | 19 | 50 | 2500 | 1828 | 1850 | | | |
| | 151 E | 160 | 24.5 | " | " | " | 1854 | 1914 | | | |
| | 150 W | " | " | " | " | " | 1918 | 1940 | | | |
| | 149 E | " | " | " | " | " | 1944 | 2004 | | | |
| | 148 W | " | " | " | " | " | 2008 | 2029 | | | |
| | 147 E | " | " | " | " | " | 2033 | 2053 | | | |
| | x-flt N | " | " | " | " | " | 2059 | 2100 | | | |
| | 146 W | " | " | " | " | " | 2107 | 2128 | | | |
| | x-flt S | " | " | " | " | " | 2133 | 2135 | | | |
| | | | | | | | 2156 | 2201 | | | Static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: |
|---|---|---|---|---|---|---|---|---|
| ○ 1101205 | 199 | 7 | 7 | 4.0 | | | 1806 | 2201 |
| ○ | | | | | | WX Haze | | |
| ○ | | | | | | Clouds along coast | | |

NOTES: Laser on time: 2:28:01

AERO-METRIC, INC. N.6216 Resource Drive Sheboygan Falls, WI. 53085 PHONE: 920-467-2655 **FAX: 920-457-1451** E-Mail: amephoto@aerometric.com

FILE No.977 02/28 '11 09:57 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 2

# LIDAR FLIGHT LOG

MISSION: Q022711A | DATE: 2/27/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

ALTM

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 2133 | 2138 | | 0181 | Static |
| Texas | 2 test strips | | | | | | | | | | |
| Counties | 145 W | 155 | 24 | 19 | 50 | 2500 | 2153 | 2213 | | | |
| | 144 E | 160 | 24.5 | 1 | 1 | 1 | 2218 | 2237 | | | |
| | x-ft S | 1 | 1 | 1 | 1 | 1 | 2241 | 2243 | | | |
| | x-ft N | 1 | 1 | 1 | 1 | 1 | 2247 | 2248 | | | |
| | | | | | | | 2301 | 2306 | | | Static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY |
|---|---|---|---|---|---|
| ○ 1101205 | 199 | 2 | 5 | 1.5 | |
| ○ | | | | | |
| ○ | | | | | |

| STATIC | START: | STOP: |
|---|---|---|
| | 2133 | 2306 |

WX Haze
Strong wind

NOTES: Laser on time:
00:42:07

AERO-METRIC, INC. N.6216 Resource Drive Sheboygan Falls, WI. 53085 PHONE: 920-467-2655 **FAX: 920-457-1451** E-Mail: amephoto@aerometric.com

FILE No.977 02/28 '11 09:58 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 3

# LIDAR FLIGHT LOG

MISSION: Q022711B | DATE: 2/27/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 2348 | 2353 | | 0181 | Static |
| Texas | 2 test strips | | | | | | | | | | |
| Counties | 143 W | 160 | 24.5 | 19 | 50 | 2500 | 0007 | 0027 | | | |
| | 142 E | 160 | 24.5 | " | " | " | 0031 | 0050 | | | |
| | 141 W | 145 | 23.3 | " | " | " | 0055 | 0116 | | | ALTM NAV Shutdown |
| | 140 E | 160 | 24.5 | " | " | " | 0123 | 0142 | | | |
| | xfit S | " | " | " | " | " | 0145 | 0147 | | | |
| | 139 W | " | " | " | " | " | 0152 | 0211 | | | |
| | 141 E | " | " | " | " | " | 0215 | 0216 | | | refly W End of line due |
| | xfit S | " | " | " | " | " | 0219 | 0221 | | | to ALTM Shutdown |
| | | | | | | | 0241 | 0246 | | | Static |

| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: |
|---|---|---|---|---|---|---|---|---|
| ○ 1101205 | 199 | 5 | 0 | 3.0 | | | 2348 | 0246 |
| ○ | | | | | | WX Haze Scattered Clouds Strong Wind | | |
| ○ | | | | | | | | |

NOTES: Laser on time: 01:21:43

AERO-METRIC, INC. N.6216 Resource Drive Sheboygan Falls, WI. 53085 PHONE: 920-467-2655 **FAX: 920-457-1451** E-Mail: amephoto@aerometric.com

FILE No.977 02/28 '11 09:58 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801 PAGE 4

# LIDAR FLIGHT LOG

MISSION: Q030211A | DATE: 03/02/11

PILOT: Nick | OPERATOR: Brent | AIRCRAFT: N7516Q

ALTM

| PROJECT NUMBER | LINE NO. & Hdg | GND SPEED (KTS) | SCAN FREQ | SCAN ANGLE | PRF | ALT (m) | TIME START | TIME STOP | Laser Time | TZPK | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1101205 | | | | | | | 2058 | 2103 | | 1111 | Static |
| Texas | 2 test strips | 160 | 24.5 | 19 | 50 | 2500 | | | | | |
| Counties | 153 W | 155 | 24.0 | 1 | 1 | 1 | 2117 | 2121 | | | 8 miles on East end |
| | x-flt S | 160 | 24.5 | 1 | 1 | 1 | 2124 | 2125 | | | |
| | | | | | | | 2135 | 2140 | | | Static |

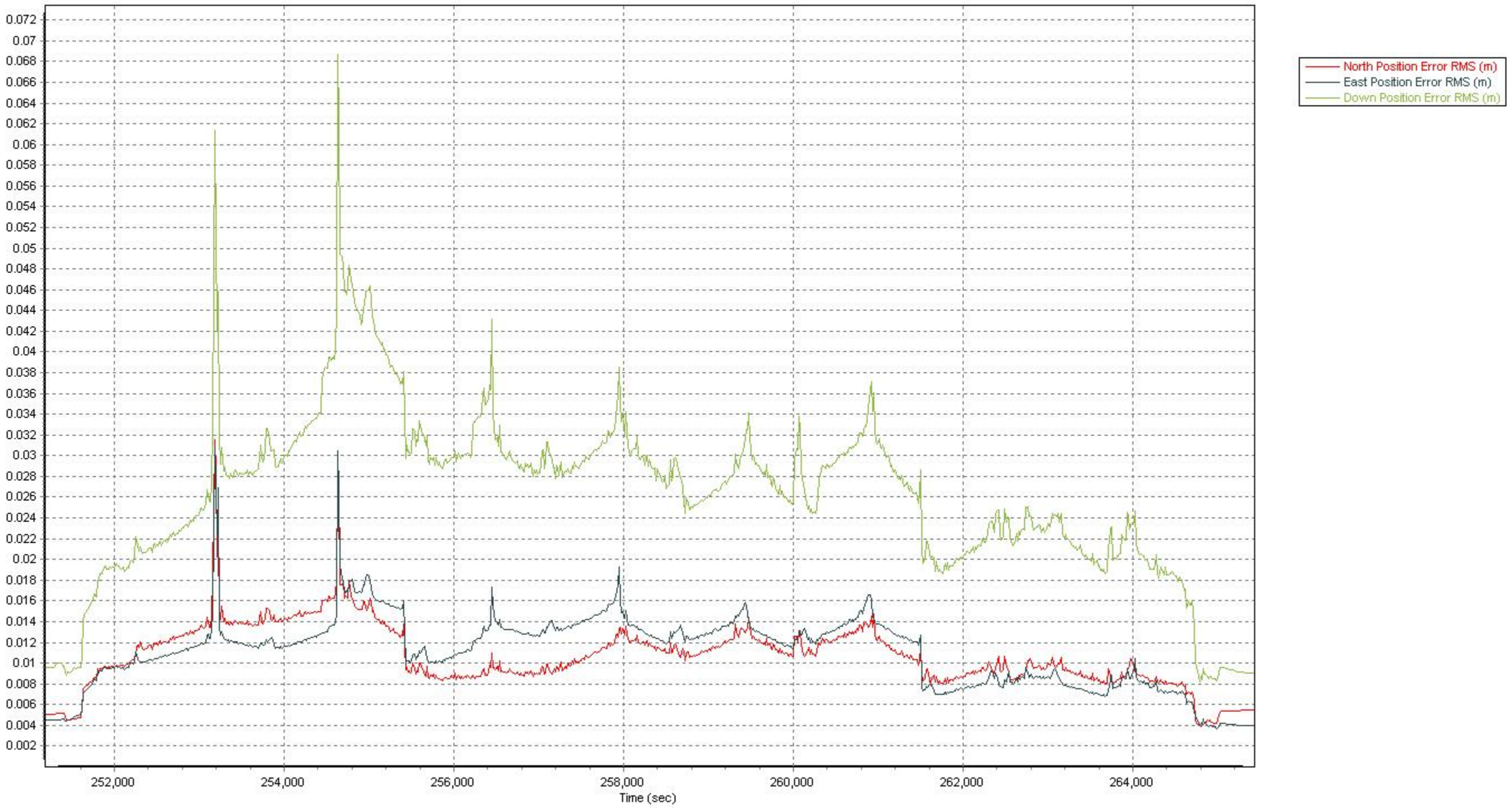
| STATUS | TOTAL LINES | FLOWN | LEFT | AIRCRAFT SITE | AIRCRAFT FERRY | STATIC | START: | STOP: |
|---|---|---|---|---|---|---|---|---|
| ○ 1101205 | 199 | 1 | 0 | 0.75 | | | 2058 | 2140 |
| ○ | | | | | | WX Haze | | |
| ○ | | | | | | | | |

NOTES: Laser on time
00:04:58

FILE No.990 03/02 '11 17:08 ID:HAMPTON-INN-SUITES FAX:1 956 428 9801

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

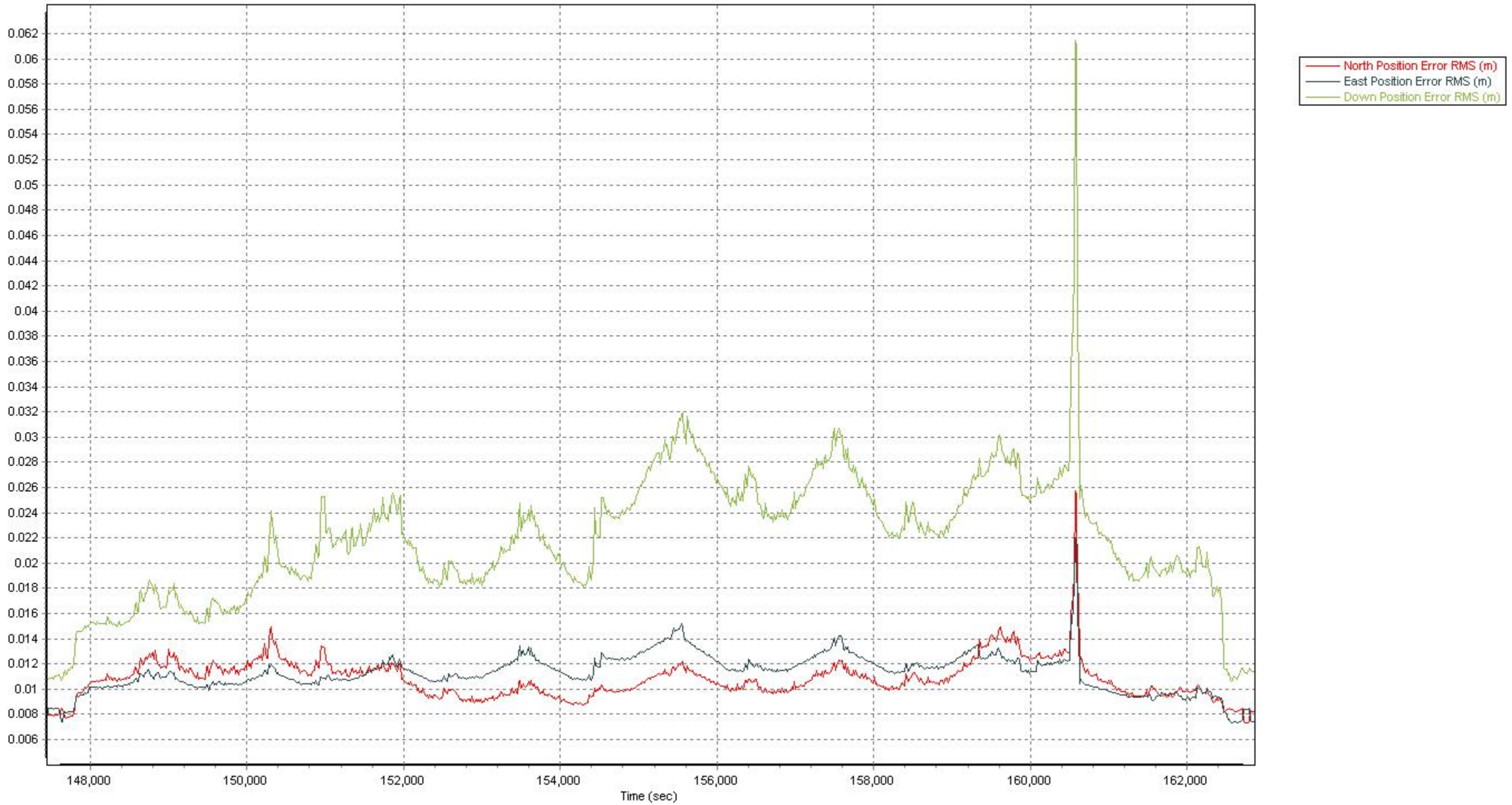
File Edit Tools View Help




Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

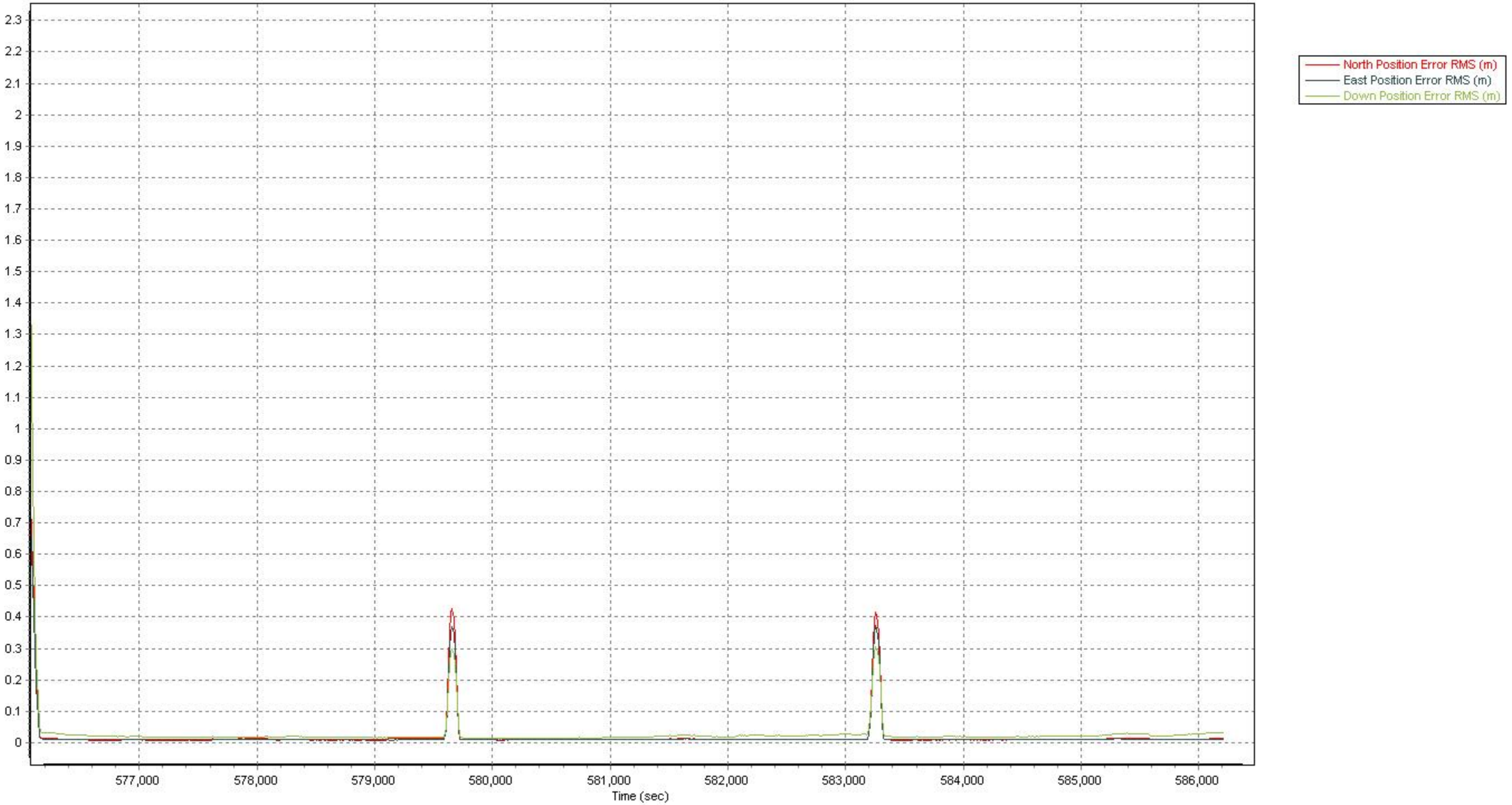
File Edit Tools View Help




Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help

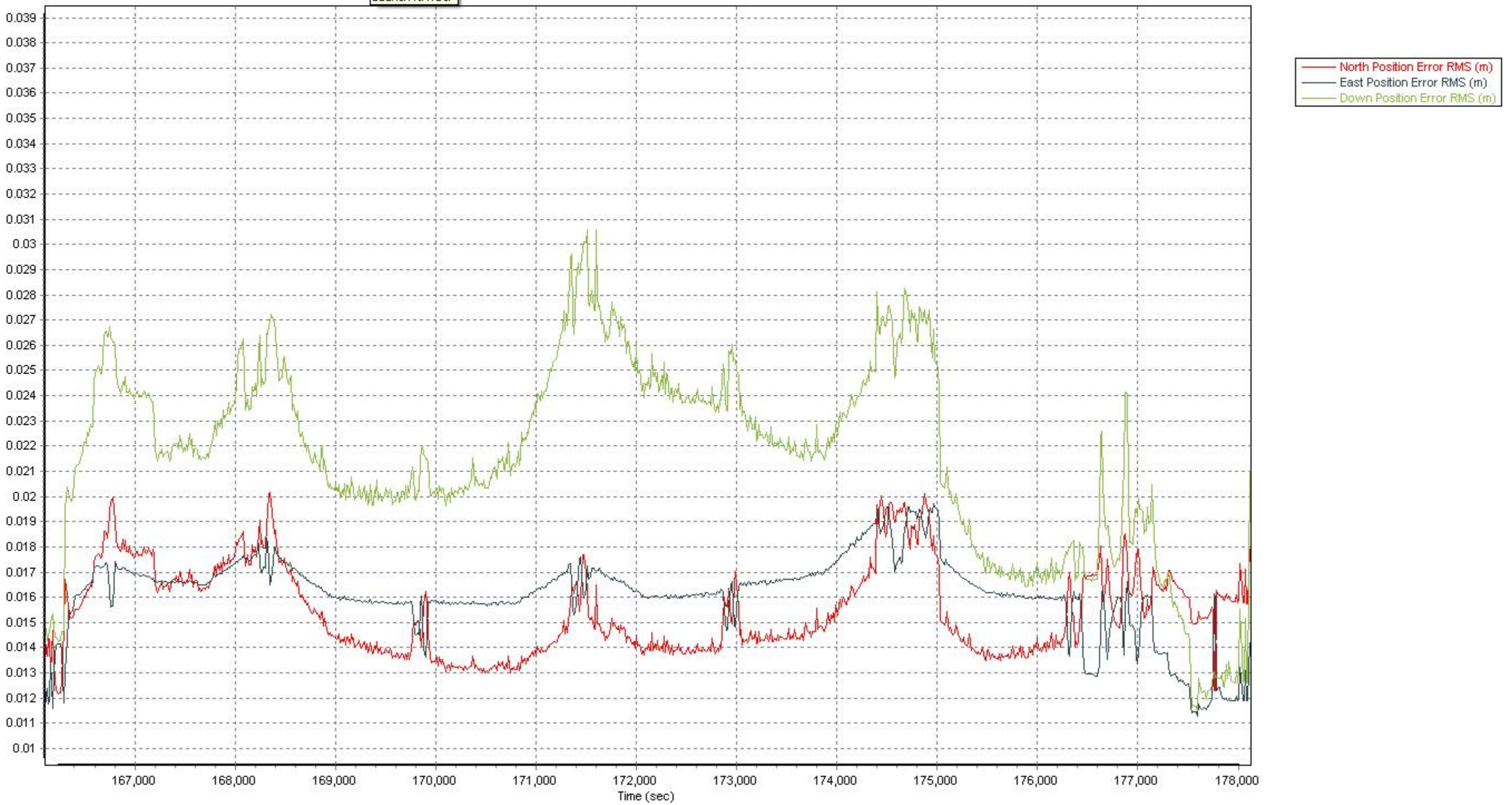



Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help

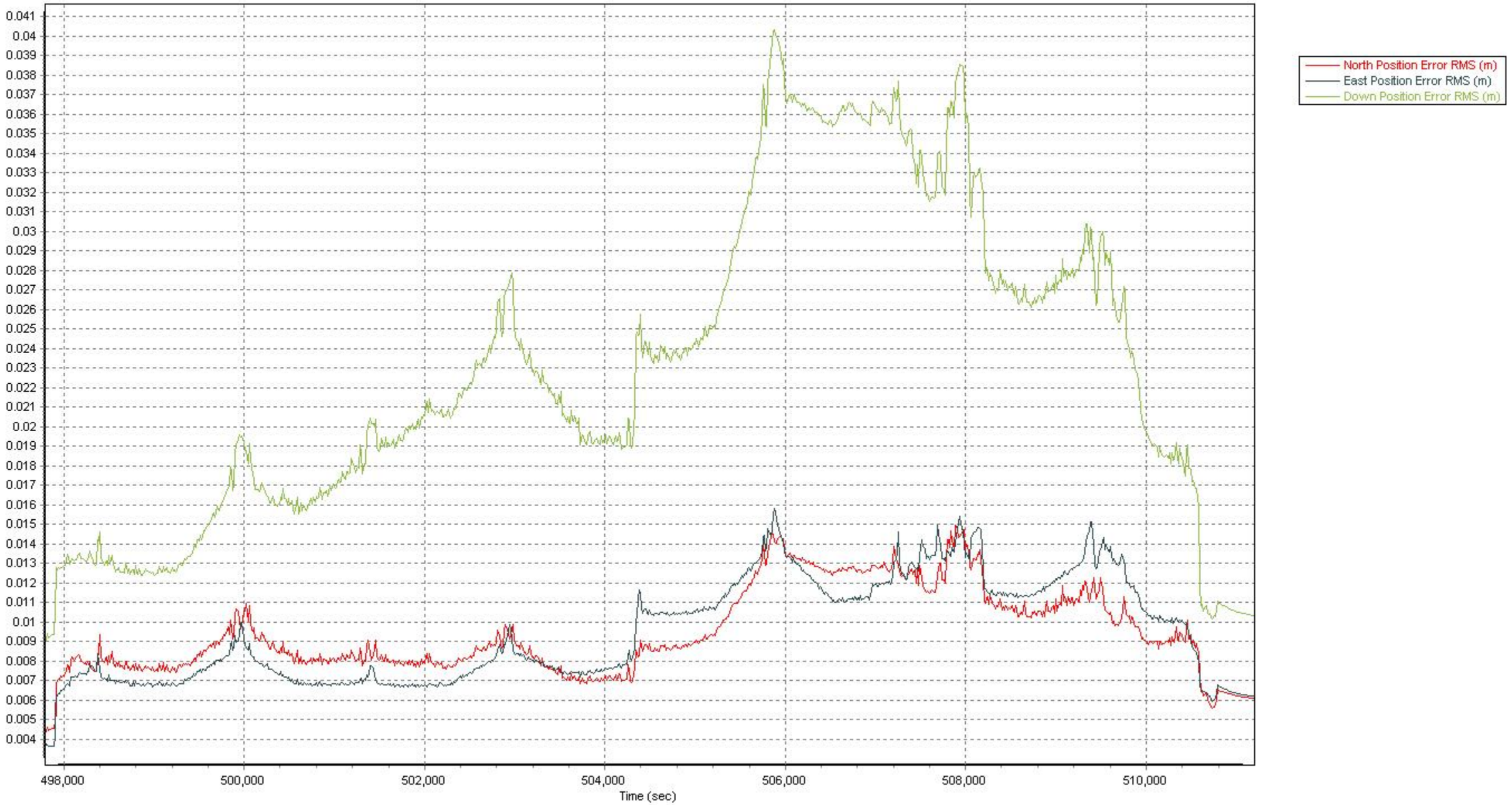
Launch NAVDIF




Launch NAVDIF

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

start | 1101205_Hidalgo_Wil... | I:\DATA\1101205\11... | POSPac MMS - M0227... | M022511A_Harlingen... | Display - Mission 1 - S... | 11:05 AM

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

start | 1101205_Hidalgo_Wil... | I:\DATA\1101205\11... | POSPac MMS - M0227... | M022511A_Harlingen... | Display - Mission 1 - S... | 11:05 AM

Display - Mission 1 - Smoothed Performance Metrics, Reference Frame

File Edit Tools View Help




Ready

start | 1101205_Hidalgo_Wil... | I:\DATA\1101205\11... | POSPac MMS - M0227... | M022511A_Harlingen... | Display - Mission 1 - S... | 11:05 AM

R:\1101205\Lidar\QAQC\1101205_WILLACY_UTM14m_gnd_revised2.txt

| Number | Easting | Northing | Known Z | Laser Z | Dz |
|---|---|---|---|---|---|
| 201 | 656464.511 | 2939702.477 | 0.994 | 1.060 | +0.066 |
| 204 | 650549.703 | 2932392.393 | 3.225 | 3.310 | +0.085 |
| 205 | 647283.860 | 2931447.969 | 4.309 | 4.440 | +0.131 |
| 207 | 639826.305 | 2931124.748 | 6.527 | 6.640 | +0.113 |
| 208 | 622765.591 | 2942184.052 | 8.927 | 9.010 | +0.083 |
| 209 | 622415.638 | 2939203.260 | 12.148 | 12.270 | +0.122 |
| 211 | 614765.670 | 2935421.351 | 9.261 | 9.470 | +0.209 |
| 213 | 611517.858 | 2932342.276 | 11.843 | 11.880 | +0.037 |
| 214 | 604744.004 | 2934949.760 | 13.516 | 13.660 | +0.144 |
| 224 | 621568.177 | 2920661.177 | 10.335 | 10.330 | -0.005 |
| 225 | 635563.882 | 2932324.760 | 5.850 | 6.020 | +0.170 |
| 226 | 629075.023 | 2935403.733 | 8.544 | 8.670 | +0.126 |
| 227 | 624278.929 | 2932895.555 | 9.294 | 9.360 | +0.066 |
| 229 | 620228.311 | 2929613.550 | 9.624 | 9.670 | +0.046 |
| 232 | 608297.564 | 2926023.554 | 14.038 | 14.040 | +0.002 |
| 234 | 601354.849 | 2928723.314 | 16.162 | 16.340 | +0.178 |
| 235 | 608254.041 | 2930681.394 | 12.040 | 12.120 | +0.080 |
| 236 | 613601.357 | 2922913.989 | 12.158 | 12.080 | -0.078 |
| 239 | 621213.685 | 2923871.821 | 9.762 | 9.770 | +0.008 |
| 240 | 627156.427 | 2929735.812 | 8.343 | 8.360 | +0.017 |
| 244 | 644902.778 | 2922900.927 | 4.312 | 4.230 | -0.082 |
| 249 | 664543.205 | 2940550.439 | -0.013 | 0.020 | +0.033 |
| 251 | 665722.703 | 2932924.265 | 0.083 | 0.100 | +0.017 |
| 253 | 632188.214 | 2928228.619 | 7.669 | 7.650 | -0.019 |
| 255 | 627813.645 | 2922337.906 | 9.480 | 9.390 | -0.090 |
| 257 | 633980.636 | 2919243.569 | 7.184 | 7.100 | -0.084 |
| 259 | 642397.982 | 2921363.195 | 5.255 | 5.240 | -0.015 |
| 263 | 622762.966 | 2928785.331 | 9.010 | 9.080 | +0.070 |
| 264 | 622510.206 | 2931931.886 | 10.476 | 10.590 | +0.114 |
| 265 | 619788.109 | 2932044.560 | 10.161 | 10.280 | +0.119 |
| 266 | 619920.839 | 2923068.993 | 10.941 | 11.000 | +0.059 |
| 267 | 616763.771 | 2921376.125 | 11.502 | 11.420 | -0.082 |
| 269 | 616609.951 | 2927908.403 | 11.323 | 11.330 | +0.007 |
| 270 | 616606.168 | 2930700.100 | 11.635 | 11.690 | +0.055 |
| 271 | 628772.662 | 2928084.814 | 8.688 | 8.680 | -0.008 |
| 272 | 632409.622 | 2924552.525 | 7.509 | 7.470 | -0.039 |
| 273 | 632334.184 | 2921152.283 | 7.709 | 7.670 | -0.039 |
| 274 | 630759.125 | 2919203.262 | 8.158 | 8.050 | -0.108 |
| 278 | 621318.821 | 2917434.877 | 13.483 | 13.410 | -0.073 |
| 279 | 613658.104 | 2917464.194 | 12.901 | 12.770 | -0.131 |
| 281 | 613565.039 | 2924536.703 | 12.314 | 12.220 | -0.094 |
| 282 | 622444.081 | 2924689.920 | 8.940 | 8.900 | -0.040 |
| 283 | 624483.293 | 2922321.367 | 9.318 | 9.270 | -0.048 |
| 284 | 624805.088 | 2926447.831 | 8.613 | 8.540 | -0.073 |
| 285 | 622461.285 | 2926387.156 | 9.496 | 9.450 | -0.046 |

| | |
|---|---|
| Average dz | +0.022 |
| Minimum dz | -0.131 |
| Maximum dz | +0.209 |
| Average magnitude | 0.074 |
| Root mean square | 0.088 |
| Std deviation | 0.086 |