COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION
AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES

# BOUGUER GRAVITY IN VIRGINIA
# 36° 30′ to 39° 30′ N.
# 78° 00′ to 79° 00′ W.

STANLEY S. JOHNSON

REPORT OF INVESTIGATIONS 27

VIRGINIA DIVISION OF MINERAL RESOURCES
James L. Calver
Commissioner of Mineral Resources and State Geologist

CHARLOTTESVILLE, VIRGINIA
1971

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# BOUGUER GRAVITY IN VIRGINIA

## 36° 30′ to 39° 30′ N.

## 78° 00′ to 79° 00′ W.

By

Stanley S. Johnson

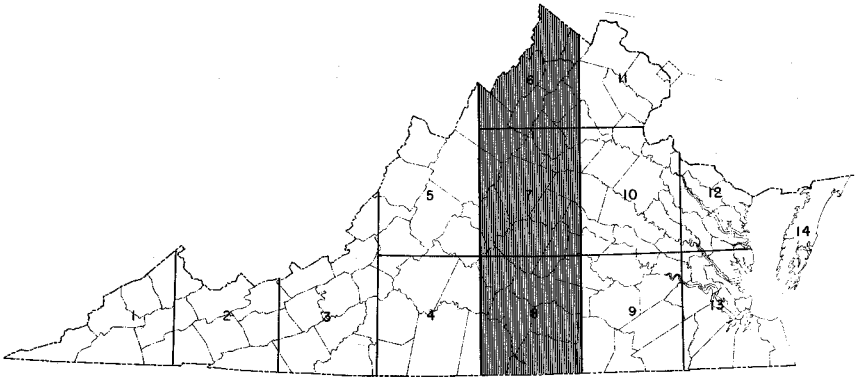
## ABSTRACT

An area of approximately 9900 square miles in Virginia, between 78° and 79° west longitudes, was surveyed by gravimetric methods. Approximately 1985 stations, utilizing established bench marks for control, were occupied. The reduced field data were computer-contoured. Lithologies in the area include igneous, metamorphic, and sedimentary rocks that are in the Piedmont, Blue Ridge, and Valley and Ridge physiographic provinces. The three, contoured, regional maps are indicative of a definite relationship between the contoured Bouguer values and rock type. Maximum recorded positive values occurred over gabbroic rocks and are reflected as gravity highs. The steepest gradients are generally in areas where the Catoctin Formation, predominantly a metamorphosed basalt, is present. Triassic basins generally do not show any noticeable anomalous field. Exceptions are near Farmville where lower gravity values were recorded and in the Culpeper area where there are higher values related to diabase intrusives. The Valley and Ridge province has the appearance of being rather uniform and essentially flat with variations of up to 10 milligals.

## INTRODUCTION

The area of this gravity report consists of approximately 9900 square miles in Virginia bounded by 78° and 79° west longitudes, the North Carolina state line on the south, and the West Virginia state line on the north. This area includes all or part of 32 counties

(Figure 1) located in the Piedmont, Blue Ridge, and Valley and Ridge provinces.




**1. Location map showing area of investigation.**

The rocks in the area are metamorphic, sedimentary, and igneous. The one-degree contour maps (Sheets 6-8) are the first three maps of a proposed series of 14 sheets and are part of the Division's geophysical program to obtain data that will aid in the interpretation of the geologic framework of the State. Gravity methods are used predominantly in regional surveys to help determine anomalous areas that may be further investigated by geological and other geophysical techniques. The variation in the earth's gravity field is influenced by the latitude of the area, elevation above sea level, local terrain, earth tides, and rock density. The detail to which geologic features are determined depends in part on the number and spread of stations in the field. In detailed surveys, gravity and other geophysical methods may be used to indicate mineralized zones that are not evident from visual surface investigation.

The maps (Sheets, 6, 7, and 8) have been traced from computer-drawn contours that resulted from the techniques as explained in Johnson, Huxsaw, and Thomas (1971). Minor adjustments have been made to the contours along the north and south

edges of the maps in order to achieve exact matching of contours of future work. Some smoothing of contours was made within the body of all three sheets.

## Acknowledgements

The author appreciates the aid of several members of the Virginia Division of Mineral Resources who occupied stations in the area. William E. Workman assisted in the northern part of Sheet 8 during the summer of 1968. Ronald D. Kreisa and Brett D. Merritt occupied most of the stations in the southern part of Sheet 8 during the summer of 1970. Appreciation is extended to the Gravity Branch, U. S. Army Topographic Command, Washington, D. C., for their technical advice on many computational questions during the survey and for the loan of LaCoste and Romberg gravity meter number 46.

## Instrumentation and Field Procedures

Field observations were made utilizing two LaCoste and Romberg Model G geodetic gravity meters, numbers 77 and 46. These meters have a range of over 7000 milligals and a reading accuracy of $\pm$ 0.01 milligal. Field procedures utilized the loop technique in a modified ladder sequence for obtaining the gravity values. Each loop was opened and closed the same day from an established base station. Determinations of gravity were made at 491 stations in the area covered by Sheet 6; 896 stations, Sheet 7; and 597 stations, Sheet 8. Field observations were made generally on U. S. Geological Survey and U. S. Coast and Geodetic Survey bench marks that had been established by means of first- through third-order leveling. Approximately 10 percent of the observations were made at sites for which useful elevations have been determined by the U. S. Geological Survey. Approximately 9.6 percent of the total useful elevations of all three sheets are in Sheet 7. At each station, an average value was obtained from two or three consecutive readings that had a maximum spread no greater than 0.01 milligal. These observations were generally obtained within three minutes. A

previously occupied station in a loop was reoccupied every 2 to 3 hours during the survey. Stations were plotted on standard 7.5- and 15-minute topographic quadrangle maps. Established horizontal control was utilized for station coordinates where available, and the latitude and longitude of all other stations were scaled from the topographic maps.

Nine base stations were utilized in the survey. All are tied to the Division's base station in Charlottesville. Loops originated and ended at the bases located in Charlottesville, Harrisonburg, Strasburg, Winchester, Front Royal, Farmville, Appomattox, Blackstone, and South Boston. The Division also established bases at Charlotte Court House, Cumberland, Clarksville, and South Hill, but these were not used in the survey as a base for any loop, although they were used for individual field stations. The Charlottesville base, U. S. Geological Survey bench mark 106 MLS 1963, is in the Virginia Gravity Base Net that is tied to the National Gravity Base Net. The Charlottesville base station has an established value of 979,933.558 milligals. This value is relative to the National Gravity Datum at station "Washington A", which has a value of 980,118.000 milligals.

The bases at Harrisonburg, Cumberland, Farmville, Charlotte Court House, and Appomattox were tied directly from the Charlottesville base by making three individual loops that employed a ladder sequence of occupation. Two loops in a ladder sequence were used to establish bases at Strasburg from Harrisonburg, Winchester from Strasburg, and Front Royal from Winchester. The South Boston base was established from Charlottesville by making loops that occupied previously established bases by the Division and personnel of the U. S. Army Topographic Command. The bases at Clarksville, South Hill, and Blackstone were established from South Boston by making three loops. The South Boston and Blackstone bases had previously been established as base stations in a network that originated from bases in North Carolina by the Topographic Command. The Division's loops were made to insure a good tie to the master base in Charlottesville and to determine the difference between the Virginia and North Carolina Base Nets.

## Data Reduction

The computation and reduction of field data was done on a Burroughs 5500 computer at the Computer Science Center, University of Virginia, Charlottesville, utilizing a modified GRAVAS program. This program is designed to reduce and correct field observations obtained with LaCoste and Romberg gravity meters and includes corrections for solar and lunar tides and instrument drift. A density of 2.67 g/cm$^3$ was used for computing the Bouguer values. The Division received a print-out listing all the principal facts for each station. In addition to the print-out, data for each station are punched on individual output cards. These punched cards are utilized by subsequent computer programs to grid and contour the reduced data. The U. S. Army Topographic Command also reduced the field data utilizing their gravity reduction program GRASS. Cross checks of the two sets of computations were made by the Division. Principal facts for each station within the individual contour sheet are listed in the appendices.

## Map Preparation

The base maps for Sheets 6, 7, and 8 were prepared from 1° by 2° topographic quadrangles, 1:250,000 Army Map Series. Photographic techniques were then used to fit this base into the coordinates of the computer-derived map. This technique was necessary because the topographic map has a Transverse Mercator projection and the computer drawn coordinates has a Polyconic projection with a scale of exactly four miles to the inch. Therefore, the county and state boundaries shown on the contour maps are a "best fit" and should not be used for other location purposes.

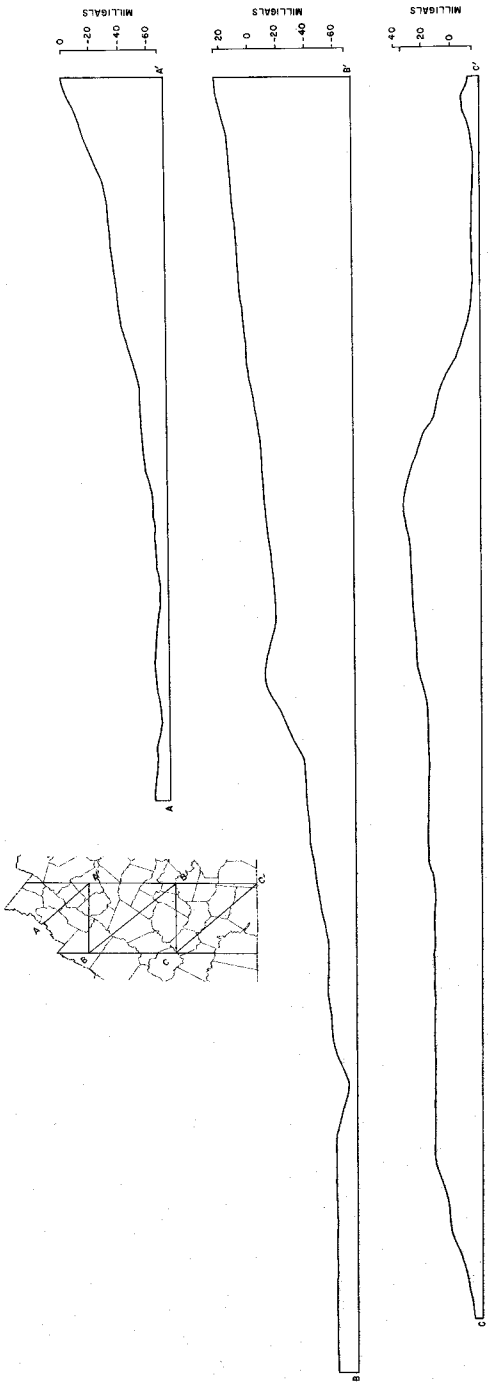
The points depicted on Sheets 6, 7, and 8 show locations of all field observations for each individual map. For purposes of contouring, field data were plotted and utilized from 7.5-minute quadrangles adjacent to the contour map. With this procedure each contour map shared common overlapping peripheral points on adjacent north and south borders. The 7.5-minute outside control was obtained for all maps, except along State lines where the sur-

vey was extended for approximately three miles into the adjacent state. About 72 peripheral stations are in North Carolina and West Virginia.

## OBSERVATIONS

The Bouguer gravity values shown on Sheets 6, 7, and 8 range from a positive 38.3 milligals at Chase City (Sheet 8) to a negative 67.5 milligals north of Woodstock (Sheet 6). Gabbroic intrusives apparently cause the anomalous field at Chase City (Sheet 8); the closed anomalies northwest, east, and northeast of Buckingham and west of Louisa (Sheet 7); and northeast of Appomattox (Sheet 8). The high gravity field south of Culpeper (Sheet 7) is probably related to diabase intrusives in the Culpeper Triassic basin. Generally, the Triassic rocks do not show any noticeable anomalous field greater than 4 milligals. An exception is north of Farmville (Sheet 8) where lower values are recorded over sedimentary rocks of the Farmville Triassic basin.

The Catoctin Formation consists predominantly of metamorphosed basalt and may cause the local steepening of the gradient west of Waynesboro, northeast of Elkton, and northeast of Front Royal; the eastern outcrop belt probably contributes to the steepening, regional gradient that is present from Charlottesville northeast to Culpeper. The Catoctin may underlie the Triassic rocks in the Culpeper Triassic basin; if present, it and the diabase in the basin would contribute to the high gravity field south of Culpeper. In the Chase City-Boydton-South Hill area, the gradient may be due to changes in lithologies between gabbroic rocks and granitic rocks east of Boydton. The regional gradient and the variation in the gravity field are shown in Figure 2 for the area covered by Sheets 6, 7, and 8. The Valley and Ridge province has a rather uniform gravity field that has gradual variations of less than 10 milligals and appears flat over large regions except for isolated areas that average 4 milligals lower in value.




2. Gravity profiles for sheets 6, 7, and 8.

## REFERENCES

Johnson, S. S., Huxsaw, C. L., and Thomas, D. R., 1971, A computer-program system to grid and contour random date: Virginia Division of Mineral Resources Information Circ. 15, 40 p.

## APPENDIX I: PRINCIPAL FACTS FOR POINTS IN SHEET 6

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 224-A-1 | 39 23.32 | -78 15.27 | 840.06 | 980012.815 | -34.44 | -63.10 |
| 224-A-2 | 39 22.97 | -78 20.50 | 957.41 | 980006.909 | -28.80 | -61.45 |
| 224-A-3 | 39 24.60 | -78 19.15 | 902.92 | 980012.788 | -30.45 | -61.25 |
| 224-A-4 | 39 26.02 | -78 18.60 | 857.89 | 980017.483 | -32.08 | -61.34 |
| 224-A-5 | 39 27.75 | -78 18.73 | 875.77 | 980018.763 | -31.68 | -61.55 |
| 224-A-6 | 39 29.30 | -78 17.32 | 768.65 | 980028.020 | -34.78 | -61.00 |
| 224-A-7 | 39 28.88 | -78 15.00 | 764.02 | 980027.282 | -35.34 | -61.40 |
| 224-C-1 | 39 17.92 | -78 22.87 | 1284.19 | 979980.471 | -17.05 | -60.85 |
| 224-C-2 | 39 17.85 | -78 26.15 | 819.05 | 980006.733 | -34.44 | -62.38 |
| 224-D-1 | 39 22.13 | -78 16.53 | 787.41 | 980014.518 | -35.95 | -62.81 |
| 224-D-2 | 39 20.63 | -78 17.20 | 940.64 | 980003.453 | -30.39 | -62.47 |
| 224-D-3 | 39 19.22 | -78 17.60 | 970.68 | 979999.109 | -29.80 | -62.91 |
| 224-D-4 | 39 18.12 | -78 16.82 | 668.16 | 980015.018 | -40.75 | -63.53 |
| 224-D-5 | 39 19.92 | -78 19.63 | 1005.73 | 979999.393 | -27.27 | -61.57 |
| 224-D-6 | 39 21.43 | -78 21.67 | 1153.46 | 979993.058 | -21.95 | -61.29 |
| 224-D-7 | 39 22.07 | -78 22.43 | 1165.19 | 979994.867 | -19.97 | -59.71 |
| 224-D-8 | 39 16.57 | -78 18.28 | 661.48 | 980011.322 | -42.79 | -65.35 |
| 224-D-9 | 39 15.75 | -78 19.87 | 707.45 | 980008.066 | -40.52 | -64.64 |
| 223-B-1 | 39 23.47 | -78 11.30 | 867.35 | 980011.383 | -33.53 | -63.11 |
| 223-B-2 | 39 23.05 | -78 9.33 | 590.96 | 980027.341 | -42.96 | -63.11 |
| 223-B-3 | 39 23.20 | -78 14.57 | 1207.54 | 979990.628 | -21.89 | -63.08 |
| 223-B-4 | 39 26.43 | -78 14.13 | 1039.65 | 980006.200 | -26.88 | -62.34 |
| 223-C-1 | 39 15.58 | -78 8.05 | 742.40 | 980009.026 | -36.02 | -61.34 |
| 223-C-2 | 39 17.50 | -78 8.95 | 864.33 | 980004.765 | -31.64 | -61.12 |
| 223-C-3 | 39 15.58 | -78 10.02 | 888.27 | 979999.738 | -31.59 | -61.89 |
| 223-C-4 | 39 15.93 | -78 11.33 | 771.83 | 980006.713 | -36.08 | -62.41 |
| 223-C-5 | 39 15.18 | -78 12.95 | 774.70 | 980005.452 | -35.97 | -62.39 |
| 223-C-6 | 39 16.07 | -78 14.42 | 629.05 | 980014.937 | -41.48 | -62.94 |
| 223-C-7 | 39 17.73 | -78 11.77 | 704.37 | 980013.642 | -38.15 | -62.17 |
| 223-C-8 | 39 18.00 | -78 13.65 | 635.69 | 980017.387 | -41.26 | -62.94 |
| 223-C-9 | 39 19.23 | -78 12.57 | 556.84 | 980023.703 | -44.18 | -63.17 |
| 223-D-1 | 39 15.42 | -78 5.77 | 624.48 | 980018.010 | -37.88 | -59.18 |
| 223-D-2 | 39 16.00 | -78 3.25 | 584.14 | 980021.361 | -39.19 | -59.11 |
| 223-D-3 | 39 16.25 | -78 0.92 | 533.54 | 980024.423 | -41.25 | -59.45 |
| 223-D-4 | 39 20.95 | -78 5.17 | 673.95 | 980022.285 | -37.11 | -60.10 |
| 223-D-5 | 39 19.37 | -78 7.45 | 844.45 | 980009.710 | -31.31 | -60.12 |
| 223-D-6 | 39 19.33 | -78 3.60 | 579.38 | 980025.046 | -40.86 | -60.62 |
| 223-D-7 | 39 17.67 | -78 4.82 | 637.78 | 980019.904 | -38.05 | -59.81 |
| 223-D-8 | 39 16.92 | -78 5.15 | 626.39 | 980018.607 | -39.32 | -60.68 |
| 223-D-9 | 39 16.12 | -78 5.42 | 621.94 | 980017.948 | -39.22 | -60.43 |
| 219-D-1 | 39 4.93 | -78 30.20 | 1691.43 | 979936.033 | -4.07 | -61.76 |
| 219-D-2 | 39 3.43 | -78 30.77 | 1440.73 | 979948.870 | -12.61 | -61.75 |
| 219-D-3 | 39 5.12 | -78 30.63 | 2141.56 | 979907.012 | 8.98 | -64.06 |
| 219-D-4 | 39 5.18 | -78 32.67 | 1228.16 | 979964.568 | -19.48 | -61.37 |
| 219-D-5 | 39 5.33 | -78 35.02 | 974.20 | 979980.491 | -27.66 | -60.89 |
| 219-D-6 | 39 4.08 | -78 34.82 | 1077.84 | 979972.049 | -24.52 | -61.28 |
| 219-D-7 | 39 2.98 | -78 35.50 | 1178.72 | 979962.096 | -23.36 | -63.57 |
| 219-D-8 | 39 1.53 | -78 36.50 | 1546.06 | 979936.036 | -12.74 | -65.47 |
| 219-D-9 | 39 0.45 | -78 35.58 | 1695.14 | 979929.587 | -3.57 | -61.39 |
| 218-A-1 | 39 12.93 | -78 16.17 | 713.22 | 980005.896 | -37.99 | -62.32 |
| 218-A-2 | 39 13.32 | -78 16.63 | 684.77 | 980008.034 | -39.10 | -62.45 |
| 218-A-3 | 39 14.58 | -78 15.90 | 650.87 | 980011.807 | -40.38 | -62.58 |
| 218-A-4 | 39 14.32 | -78 22.00 | 795.55 | 980001.620 | -36.56 | -63.70 |
| 218-A-5 | 39 12.85 | -78 17.22 | 717.81 | 980005.523 | -37.81 | -62.29 |
| 218-A-6 | 39 11.28 | -78 19.78 | 831.35 | 979996.263 | -34.08 | -62.44 |
| 218-A-7 | 39 9.97 | -78 21.13 | 944.45 | 979987.430 | -30.34 | -62.55 |
| 218-A-8 | 39 9.08 | -78 20.02 | 1125.99 | 979976.325 | -23.07 | -61.47 |
| 218-A-9 | 39 8.08 | -78 17.02 | 857.89 | 979989.600 | -33.54 | -62.80 |
| 218-B-1 | 39 13.05 | -78 23.35 | 904.12 | 979993.778 | -32.33 | -63.16 |
| 218-B-2 | 39 11.72 | -78 25.02 | 1128.19 | 979979.670 | -23.39 | -61.87 |

* Denotes elevation in meters.

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 218-B-3 | 39 9.98 | -78 27.00 | 1279.37 | 979968.440 | -17.85 | -61.49 |
| 218-B-4 | 39 8.70 | -78 28.85 | 1194.02 | 979971.846 | -20.58 | -61.31 |
| 218-B-5 | 39 8.28 | -78 29.47 | 1135.77 | 979974.852 | -22.45 | -61.18 |
| 218-B-6 | 39 8.55 | -78 22.82 | 924.15 | 979986.890 | -30.71 | -62.23 |
| 218-B-7 | 39 13.08 | -78 28.73 | 853.77 | 979998.846 | -32.04 | -61.16 |
| 218-C-1 | 39 5.90 | -78 28.97 | 1700.74 | 979936.924 | -3.72 | -61.73 |
| 218-C-2 | 39 4.92 | -78 25.58 | 784.04 | 979989.301 | -36.13 | -62.87 |
| 218-C-3 | 39 4.32 | -78 27.08 | 974.63 | 979977.697 | -28.92 | -62.16 |
| 218-C-4 | 39 2.70 | -78 28.92 | 1136.84 | 979965.404 | -23.58 | -62.35 |
| 218-C-5 | 39 1.32 | -78 28.50 | 941.28 | 979974.903 | -30.44 | -62.54 |
| 218-C-6 | 39 7.92 | -78 23.78 | 835.85 | 979989.911 | -33.73 | -62.24 |
| 218-C-7 | 38 60.00 | -78 25.83 | 859.26 | 979977.674 | -33.45 | -62.75 |
| 218-C-8 | 39 1.40 | -78 24.32 | 925.91 | 979975.846 | -31.06 | -62.64 |
| 218-C-9 | 39 2.22 | -78 23.07 | 761.03 | 979986.480 | -37.14 | -63.10 |
| 218-D-1 | 39 7.00 | -78 18.27 | 821.79 | 979989.723 | -35.22 | -63.25 |
| 218-D-2 | 39 5.75 | -78 19.35 | 830.76 | 979987.250 | -35.01 | -63.34 |
| 218-D-3 | 39 3.73 | -78 21.48 | 787.75 | 979987.455 | -35.88 | -62.75 |
| 218-D-4 | 39 3.57 | -78 18.30 | 713.90 | 979992.952 | -37.09 | -61.44 |
| 218-D-5 | 39 5.43 | -78 15.98 | 859.01 | 979984.430 | -34.71 | -64.00 |
| 218-D-6 | 39 2.03 | -78 16.83 | 661.90 | 979994.523 | -38.15 | -60.73 |
| 218-D-7 | 39 3.08 | -78 15.23 | 763.51 | 979990.017 | -34.64 | -60.69 |
| 218-D-8 | 39 2.42 | -78 15.93 | 725.46 | 979991.283 | -35.98 | -60.72 |
| 218-D-9 | 39 1.65 | -78 16.70 | 737.47 | 979989.177 | -35.83 | -60.98 |
| 218-D-10 | 39 1.37 | -78 17.23 | 713.62 | 979990.374 | -36.45 | -60.79 |
| 218-D-11 | 39 0.95 | -78 17.95 | 717.42 | 979989.201 | -36.66 | -61.13 |
| 218-D-12 | 39 0.42 | -78 18.80 | 560.94 | 979997.768 | -42.02 | -61.16 |
| 217-A-1 | 39 8.70 | -78 0.70 | * 192.49 | 980007.663 | -37.68 | -59.22 |
| 217-A-2 | 39 8.90 | -78 3.50 | * 189.77 | 980007.996 | -38.48 | -59.71 |
| 217-A-3 | 39 13.62 | -78 7.45 | 662.21 | 980012.773 | -36.92 | -59.51 |
| 217-A-4 | 39 13.47 | -78 7.03 | 636.96 | 980014.467 | -37.38 | -59.10 |
| 217-A-5 | 39 14.32 | -78 6.53 | 605.05 | 980017.827 | -38.27 | -58.91 |
| 217-A-6 | 39 14.65 | -78 6.53 | 617.86 | 980017.709 | -37.68 | -58.75 |
| 217-A-7 | 39 12.97 | -78 5.08 | 520.15 | 980020.690 | -41.41 | -59.15 |
| 217-A-8 | 39 11.63 | -78 5.87 | 642.76 | 980011.523 | -37.08 | -59.00 |
| 217-A-9 | 39 11.12 | -78 5.90 | 595.09 | 980013.558 | -38.77 | -59.06 |
| 217-A-10 | 39 10.92 | -78 5.05 | 526.08 | 980017.366 | -41.16 | -59.10 |
| 217-A-11 | 39 10.73 | -78 4.60 | 524.59 | 980017.171 | -41.22 | -59.11 |
| 217-A-12 | 39 10.58 | -78 3.55 | 583.63 | 980013.394 | -39.22 | -59.13 |
| 217-A-13 | 39 12.78 | -78 2.15 | 578.72 | 980017.046 | -39.27 | -59.01 |
| 217-A-14 | 39 14.55 | -78 2.38 | 499.39 | 980024.206 | -42.18 | -59.21 |
| 217-A-15 | 39 11.47 | -78 2.05 | 583.14 | 980014.147 | -39.82 | -59.71 |
| 217-A-16 | 39 10.40 | -78 1.23 | 606.48 | 980010.993 | -39.21 | -59.89 |
| 217-A-17 | 39 10.28 | -78 0.93 | 620.96 | 980009.962 | -38.70 | -59.88 |
| 217-A-18 | 39 8.93 | -78 3.52 | 622.82 | 980007.898 | -38.60 | -59.85 |
| 217-B-1 BASE | 39 9.47 | -78 11.17 | 755.58 | 979998.134 | -36.67 | -62.44 |
| 217-B-2 | 39 8.45 | -78 11.45 | 746.29 | 979998.320 | -35.86 | -61.31 |
| 217-B-3 | 39 7.73 | -78 11.62 | 752.88 | 979997.941 | -34.56 | -60.24 |
| 217-B-4 | 39 8.98 | -78 9.65 | 732.96 | 980001.299 | -34.92 | -59.92 |
| 217-B-5 | 39 8.30 | -78 8.57 | 712.16 | 980001.487 | -35.68 | -59.97 |
| 217-B-6 | 39 9.07 | -78 8.03 | 616.39 | 980008.153 | -39.15 | -60.17 |
| 217-B-7 | 39 9.92 | -78 10.18 | 702.01 | 980003.539 | -36.96 | -60.91 |
| 217-B-8 | 39 10.18 | -78 10.78 | 746.62 | 979999.163 | -37.54 | -63.00 |
| 217-B-9 | 39 10.78 | -78 12.02 | 782.25 | 979998.997 | -35.23 | -61.91 |
| 217-B-10 | 39 11.55 | -78 14.57 | 841.96 | 979995.841 | -33.90 | -62.62 |
| 217-B-11 | 39 9.43 | -78 14.82 | 828.38 | 979993.944 | -33.96 | -62.21 |
| 217-B-12 | 39 11.20 | -78 9.98 | 714.41 | 980003.843 | -37.38 | -61.75 |
| 217-B-13 | 39 11.15 | -78 9.73 | 716.31 | 980004.327 | -36.64 | -61.08 |
| 217-B-14 | 39 11.05 | -78 9.22 | 714.03 | 980005.797 | -35.24 | -59.60 |
| 217-B-15 | 39 13.08 | -78 8.15 | 701.55 | 980008.650 | -36.56 | -60.49 |
| 217-B-16 | 39 12.60 | -78 9.00 | 696.46 | 980008.223 | -36.75 | -60.51 |
| 217-B-17 | 39 12.20 | -78 9.90 | 746.89 | 980002.848 | -36.79 | -62.27 |
| 217-B-18 | 39 13.02 | -78 11.88 | 897.30 | 979994.410 | -32.29 | -62.89 |
| 217-C-1 | 39 0.98 | -78 9.87 | 544.81 | 979999.390 | -42.75 | -61.34 |
| 217-C-2 | 39 7.53 | -78 11.42 | 755.00 | 979997.260 | -34.75 | -60.50 |
| 217-C-3 | 39 6.98 | -78 11.98 | 739.70 | 979997.682 | -34.96 | -60.19 |
| 217-C-4 | 39 5.40 | -78 13.60 | 728.79 | 979996.188 | -35.15 | -60.00 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 217-C-5 | 39 5.25 | -78 12.88 | 772.99 | 979992.869 | -34.09 | -60.45 |
| 217-C-6 | 39 4.75 | -78 13.32 | 700.37 | 979996.094 | -36.96 | -60.85 |
| 217-C-7 | 39 4.08 | -78 14.03 | 768.70 | 979990.668 | -34.98 | -61.19 |
| 217-C-8 | 39 3.62 | -78 14.63 | 758.00 | 979990.908 | -35.06 | -60.91 |
| 217-C-9 | 39 4.85 | -78 12.85 | 753.96 | 979993.678 | -34.48 | -60.20 |
| 217-C-10 | 39 4.80 | -78 11.87 | 752.53 | 979993.559 | -34.66 | -60.33 |
| 217-C-11 | 39 3.80 | -78 8.68 | 719.97 | 979993.960 | -35.85 | -60.41 |
| 217-C-12 | 39 4.50 | -78 8.52 | 635.21 | 980000.232 | -36.58 | -60.25 |
| 217-C-13 | 39 6.35 | -78 9.52 | 636.68 | 980002.603 | -38.79 | -60.51 |
| 217-C-14 | 39 2.90 | -78 8.70 | 691.19 | 979994.350 | -36.64 | -60.42 |
| 217-C-15 | 39 2.22 | -78 9.13 | 669.44 | 979994.554 | -37.68 | -60.51 |
| 217-C-16 | 39 1.40 | -78 11.95 | 700.11 | 979991.360 | -36.79 | -60.67 |
| 217-C-17 | 39 0.80 | -78 13.32 | 556.33 | 979998.200 | -42.59 | -61.57 |
| 217-C-18 | 39 0.18 | -78 14.75 | 695.21 | 979989.171 | -37.65 | -61.36 |
| 217-C-19 | 39 7.37 | -78 7.87 | 690.26 | 980001.736 | -36.12 | -59.66 |
| 217-D-1 | 39 3.37 | -78 6.28 | 623.65 | 979998.303 | -39.93 | -61.20 |
| 217-D-2 | 39 6.52 | -78 6.97 | 670.06 | 980002.090 | -36.41 | -59.27 |
| 217-D-3 | 39 5.83 | -78 6.53 | 607.78 | 980003.766 | -39.59 | -60.32 |
| 217-D-4 | 39 6.35 | -78 5.90 | 652.22 | 980002.242 | -37.69 | -59.94 |
| 217-D-5 | 39 4.43 | -78 5.43 | 602.91 | 980002.227 | -39.53 | -60.09 |
| 217-D-6 | 39 0.15 | -78 5.87 | 532.76 | 980000.679 | -41.37 | -59.54 |
| 217-D-7 | 39 2.13 | -78 3.20 | 517.70 | 980006.097 | -40.29 | -57.95 |
| 217-D-8 | 39 5.33 | -78 3.85 | 556.55 | 980006.708 | -40.73 | -59.71 |
| 217-D-9 | 39 6.17 | -78 1.73 | 596.07 | 980006.663 | -38.28 | -58.61 |
| 217-D-10 | 39 6.53 | -78 0.73 | 582.61 | 980009.895 | -36.86 | -56.73 |
| 217-D-11 | 39 4.70 | -78 2.70 | 520.69 | 980008.804 | -41.08 | -58.84 |
| 217-D-12 | 39 4.05 | -78 2.27 | 495.39 | 980011.036 | -40.27 | -57.16 |
| 217-D-13 | 39 3.62 | -78 1.52 | 523.75 | 980008.670 | -39.33 | -57.19 |
| 217-D-14 | 39 1.20 | -78 1.45 | 423.02 | 980009.509 | -44.41 | -58.84 |
| 217-D-15 | 39 0.78 | -78 2.28 | 509.89 | 980002.713 | -42.42 | -59.81 |
| 211-A-1 | 38 54.88 | -78 48.07 | 1675.66 | 979922.532 | -4.28 | -61.43 |
| 211-A-2 | 38 54.93 | -78 46.82 | 1808.79 | 979916.979 | 2.62 | -59.07 |
| 211-A-3 | 38 56.23 | -78 45.08 | 2559.10 | 979870.265 | 24.57 | -62.71 |
| 211-C-1 | 38 45.10 | -78 54.97 | 1376.66 | 979926.312 | -14.07 | -61.09 |
| 211-C-2 | 38 46.30 | -78 54.37 | 1466.20 | 979922.760 | -11.15 | -61.15 |
| 211-C-3 | 38 46.88 | -78 53.78 | 1537.76 | 979919.672 | -8.36 | -60.81 |
| 211-C-4 | 38 48.40 | -78 53.23 | 1696.39 | 979913.180 | -2.16 | -60.01 |
| 211-C-5 | 38 45.60 | -78 57.77 | 1468.40 | 979921.166 | -11.51 | -61.59 |
| 211-C-6 | 38 45.18 | -78 58.65 | 1512.42 | 979917.521 | -10.40 | -61.98 |
| 211-D-1 | 38 45.05 | -78 49.33 | 1783.20 | 979903.857 | 1.60 | -59.22 |
| 211-D-2 | 38 49.40 | -78 47.78 | 1392.00 | 979931.662 | -13.75 | -61.23 |
| 211-D-3 | 38 49.60 | -78 45.13 | 1208.16 | 979943.845 | -19.47 | -60.68 |
| 211-D-4 | 38 51.50 | -78 48.32 | 3050.39 | 979830.662 | 38.13 | -65.91 |
| 211-D-5 | 38 51.83 | -78 49.75 | 1762.05 | 979915.427 | 1.23 | -58.87 |
| 210-A-1 | 38 58.55 | -78 33.43 | 1316.65 | 979947.225 | -18.74 | -63.65 |
| 210-A-2 | 38 57.52 | -78 34.65 | 1558.31 | 979930.566 | -11.15 | -64.30 |
| 210-A-3 | 38 55.95 | -78 37.05 | 1738.83 | 979918.286 | -4.15 | -63.45 |
| 210-A-4 | 38 52.72 | -78 30.50 | 773.08 | 979973.180 | -35.35 | -61.71 |
| 210-A-5 | 38 54.08 | -78 35.95 | 1178.43 | 979950.665 | -21.74 | -61.93 |
| 210-A-6 | 38 54.73 | -78 33.72 | 1083.53 | 979958.236 | -24.05 | -61.00 |
| 210-A-7 | 38 55.73 | -78 32.77 | 1086.92 | 979959.319 | -24.12 | -61.19 |
| 210-A-8 | 38 58.22 | -78 30.40 | 1882.81 | 979908.890 | -3.33 | -67.55 |
| 210-A-9 | 38 59.78 | -78 30.73 | 1106.19 | 979961.230 | -26.35 | -64.07 |
| 210-B-1 | 38 54.43 | -78 37.95 | 1349.77 | 979935.933 | -20.87 | -66.90 |
| 210-B-2 | 38 52.57 | -78 42.77 | 1187.67 | 979947.815 | -21.49 | -62.00 |
| 210-B-3 | 38 54.22 | -78 41.50 | 1500.00 | 979930.980 | -11.37 | -62.53 |
| 210-B-4 | 38 53.77 | -78 44.17 | 1599.89 | 979923.881 | -8.41 | -62.98 |
| 210-B-5 | 38 55.63 | -78 44.38 | 3005.37 | 979842.733 | 39.90 | -62.61 |
| 210-B-6 | 38 55.38 | -78 43.22 | 2728.90 | 979856.658 | 30.18 | -62.89 |
| 210-B-7 | 38 56.63 | -78 41.57 | 1922.50 | 979911.930 | 5.77 | -59.80 |
| 210-C-1 | 38 45.27 | -78 38.13 | 905.87 | 979954.568 | -30.53 | -61.42 |
| 210-C-2 | 38 45.60 | -78 40.77 | 975.55 | 979953.682 | -25.35 | -58.62 |
| 210-C-3 | 38 48.17 | -78 43.98 | 1478.83 | 979924.877 | -10.58 | -61.02 |
| 210-C-4 | 38 49.73 | -78 41.47 | 1255.54 | 979939.908 | -18.85 | -61.68 |
| 210-C-5 | 38 51.80 | -78 43.65 | 1171.00 | 979947.747 | -22.00 | -61.94 |
| 210-D-1 | 38 51.67 | -78 31.38 | 844.98 | 979967.573 | -32.67 | -61.49 |
| 210-D-2 | 38 46.18 | -78 37.02 | 894.84 | 979956.086 | -31.39 | -61.91 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 210-D-3 | 38 46.58 | -78 36.60 | 852.33 | 979958.756 | -33.30 | -62.37 |
| 210-D-4 | 38 47.23 | -78 35.88 | 850.16 | 979959.182 | -34.04 | -63.04 |
| 210-D-5 | 38 48.03 | -78 35.75 | 971.00 | 979952.892 | -30.14 | -63.26 |
| 210-D-6 | 38 48.42 | -78 35.65 | 982.35 | 979952.333 | -30.19 | -63.70 |
| 210-D-7 | 38 49.23 | -78 34.07 | 802.72 | 979963.133 | -37.49 | -64.86 |
| 210-D-8 | 38 49.68 | -78 33.23 | 872.49 | 979961.112 | -33.61 | -63.36 |
| 210-D-9 | 38 50.43 | -78 32.32 | 821.02 | 979966.705 | -33.95 | -61.96 |
| 210-D-10 | 38 51.05 | -78 31.73 | 835.33 | 979967.111 | -33.11 | -61.60 |
| 210-D-11 | 38 52.08 | -78 31.05 | 811.91 | 979969.193 | -34.75 | -62.44 |
| 210-D-12 | 38 50.85 | -78 36.13 | 872.00 | 979961.859 | -34.62 | -64.36 |
| 210-D-13 | 38 52.43 | -78 33.45 | 863.91 | 979967.020 | -32.54 | -62.01 |
| 210-D-14 | 38 49.03 | -78 32.05 | 968.27 | 979954.989 | -29.76 | -62.79 |
| 210-D-15 | 38 46.88 | -78 30.47 | 1349.65 | 979927.778 | -17.95 | -63.98 |
| 210-D-16 | 38 45.02 | -78 30.48 | 1124.08 | 979940.333 | -23.87 | -62.21 |
| 209-A-1 | 38 58.30 | -78 17.88 | 550.91 | 979993.904 | -43.72 | -62.51 |
| 209-A-2 | 38 58.50 | -78 20.10 | * 165.64 | 979993.243 | -45.38 | -63.91 |
| 209-A-3 | 38 59.20 | -78 21.30 | * 176.24 | 979993.844 | -42.54 | -62.26 |
| 209-A-4 | 38 53.00 | -78 18.50 | * 176.01 | 979983.190 | -44.15 | -63.85 |
| 209-A-5 | 38 55.55 | -78 17.38 | 724.17 | 979979.135 | -36.19 | -62.88 |
| 209-A-6 BASE | 38 59.93 | -78 20.93 | 711.83 | 979987.711 | -37.18 | -61.46 |
| 209-A-7 | 38 58.65 | -78 20.92 | 570.13 | 979993.531 | -42.80 | -62.25 |
| 209-A-8 | 38 58.37 | -78 19.15 | 566.62 | 979992.033 | -44.21 | -63.54 |
| 209-A-9 | 38 57.92 | -78 16.85 | 584.76 | 979991.375 | -42.50 | -62.45 |
| 209-A-10 | 38 55.90 | -78 15.97 | 613.30 | 979986.624 | -41.61 | -62.52 |
| 209-A-11 | 38 57.63 | -78 17.57 | 656.22 | 979986.391 | -40.35 | -62.73 |
| 209-A-12 | 38 56.92 | -78 18.07 | 644.43 | 979983.886 | -42.91 | -64.89 |
| 209-A-13 | 38 55.77 | -78 19.78 | 747.22 | 979975.004 | -40.44 | -65.92 |
| 209-A-14 | 38 55.23 | -78 20.30 | 757.46 | 979973.787 | -39.90 | -65.74 |
| 209-A-15 | 38 54.67 | -78 21.08 | 809.81 | 979970.732 | -37.20 | -64.82 |
| 209-A-16 | 38 54.13 | -78 21.77 | 813.60 | 979969.776 | -37.02 | -64.77 |
| 209-A-17 | 38 53.58 | -78 22.32 | 801.40 | 979970.213 | -36.92 | -64.25 |
| 209-B-1 | 38 59.80 | -78 22.75 | 665.53 | 979988.692 | -40.35 | -63.05 |
| 209-B-2 | 38 59.32 | -78 22.57 | 526.53 | 979996.612 | -44.80 | -62.76 |
| 209-B-3 | 38 58.73 | -78 23.32 | 538.65 | 979994.937 | -44.48 | -62.85 |
| 209-B-4 | 38 58.43 | -78 24.07 | 748.05 | 979983.117 | -36.16 | -61.67 |
| 209-B-5 | 38 57.97 | -78 24.65 | 768.27 | 979980.994 | -35.70 | -61.90 |
| 209-B-6 | 38 57.13 | -78 25.88 | 765.39 | 979980.268 | -35.47 | -61.57 |
| 209-B-7 | 38 56.68 | -78 26.65 | 713.57 | 979982.573 | -37.38 | -61.71 |
| 209-B-8 | 38 56.28 | -78 27.13 | 753.73 | 979979.816 | -35.77 | -61.47 |
| 209-B-9 | 38 55.38 | -78 28.15 | 800.08 | 979975.691 | -34.21 | -61.50 |
| 209-B-10 | 38 54.17 | -78 29.35 | 724.05 | 979978.196 | -37.07 | -61.76 |
| 209-B-11 | 38 53.47 | -78 29.87 | 833.62 | 979970.925 | -33.01 | -61.44 |
| 209-B-12 | 38 52.93 | -78 29.08 | 705.05 | 979976.965 | -38.28 | -62.32 |
| 209-B-13 | 38 52.80 | -78 28.58 | 698.04 | 979976.877 | -38.83 | -62.64 |
| 209-B-14 | 38 54.60 | -78 25.62 | 611.96 | 979983.578 | -42.87 | -63.74 |
| 209-B-15 | 38 55.97 | -78 24.83 | 633.41 | 979985.461 | -40.97 | -62.58 |
| 209-B-16 | 38 53.75 | -78 24.27 | 1114.28 | 979950.640 | -27.31 | -65.31 |
| 209-B-17 | 38 52.57 | -78 26.22 | 1552.16 | 979920.663 | -14.36 | -67.30 |
| 209-B-18 | 38 53.00 | -78 22.62 | 797.45 | 979969.735 | -36.91 | -64.11 |
| 209-C-1 | 38 45.80 | -78 23.30 | * 226.75 | 979965.581 | -35.53 | -60.90 |
| 209-C-2 | 38 49.65 | -78 26.02 | 851.87 | 979961.906 | -34.70 | -63.76 |
| 209-C-3 | 38 48.73 | -78 27.03 | 892.75 | 979957.904 | -33.51 | -63.96 |
| 209-C-4 | 38 47.37 | -78 28.43 | 976.50 | 979951.493 | -30.04 | -63.35 |
| 209-C-5 | 38 46.27 | -78 29.92 | 1122.51 | 979941.790 | -24.40 | -62.68 |
| 209-D-1 | 38 48.30 | -78 21.00 | * 196.54 | 979972.395 | -41.71 | -63.70 |
| 209-D-2 | 38 49.90 | -78 19.10 | * 229.97 | 979969.954 | -36.18 | -61.91 |
| 209-D-3 | 38 51.90 | -78 19.50 | * 212.81 | 979974.625 | -39.74 | -63.56 |
| 209-D-4 | 38 50.40 | -78 19.80 | * 165.83 | 979982.143 | -44.52 | -63.08 |
| 208-A-1 | 38 54.10 | -78 5.00 | * 270.34 | 979983.013 | -16.83 | -47.08 |
| 208-A-2 | 38 54.20 | -78 0.10 | * 179.13 | 980007.691 | -20.45 | -40.49 |
| 208-A-3 | 38 53.50 | -78 4.10 | * 354.64 | 979967.243 | -5.71 | -45.39 |
| 208-A-4 | 38 54.92 | -78 7.30 | 855.95 | 979983.099 | -20.86 | -50.06 |
| 208-A-5 | 38 54.98 | -78 7.07 | 761.89 | 979988.960 | -23.95 | -49.93 |
| 208-A-6 | 38 54.78 | -78 6.08 | 798.86 | 979987.857 | -21.28 | -48.52 |
| 208-A-7 | 38 54.57 | -78 4.45 | 938.46 | 979979.812 | -15.87 | -47.88 |
| 208-A-8 | 38 54.50 | -78 3.70 | 836.68 | 979983.666 | -21.49 | -50.03 |
| 208-A-9 | 38 54.43 | -78 1.72 | 694.03 | 979995.315 | -23.16 | -46.84 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 208-A-10 | 38 54.92 | -78 6.03 | 629.23 | 980005.299 | -19.99 | -41.45 |
| 208-A-11 | 38 55.20 | -78 4.42 | 1195.41 | 979965.613 | -6.83 | -47.60 |
| 208-A-12 | 38 55.38 | -78 4.77 | 1589.00 | 979943.099 | 7.41 | -46.79 |
| 208-A-13 | 38 55.30 | -78 5.08 | 1643.73 | 979938.142 | 7.72 | -48.35 |
| 208-A-14 | 38 55.75 | -78 5.13 | 1289.06 | 979960.962 | -3.48 | -47.45 |
| 208-A-15 | 38 56.12 | -78 6.30 | 644.47 | 979993.589 | -32.03 | -54.01 |
| 208-A-16 | 38 57.53 | -78 5.55 | 469.90 | 980000.077 | -44.04 | -60.07 |
| 208-A-17 | 38 58.45 | -78 3.60 | 734.16 | 979995.608 | -25.00 | -50.04 |
| 208-A-18 | 38 57.42 | -78 7.35 | 444.01 | 980001.387 | -45.00 | -60.14 |
| 208-B-1 | 38 55.60 | -78 11.70 | * 172.72 | 979988.117 | -44.07 | -63.38 |
| 208-B-2 | 38 54.50 | -78 8.80 | * 213.47 | 979980.212 | -37.77 | -61.66 |
| 208-B-3 | 38 57.80 | -78 14.20 | * 153.47 | 979996.508 | -44.64 | -62.02 |
| 208-B-4 BASE | 38 52.90 | -78 9.72 | 866.12 | 979976.065 | -23.98 | -53.52 |
| 208-B-5 | 38 52.72 | -78 10.57 | 854.99 | 979974.237 | -26.58 | -55.74 |
| 208-B-6 | 38 54.63 | -78 11.12 | 593.89 | 979984.955 | -43.24 | -63.49 |
| 208-B-7 | 38 54.55 | -78 9.88 | 700.12 | 979980.187 | -37.89 | -61.77 |
| 208-B-8 | 38 53.97 | -78 13.60 | 494.24 | 979990.432 | -46.16 | -63.01 |
| 208-B-9 | 38 56.07 | -78 7.72 | 541.00 | 979991.771 | -43.50 | -61.96 |
| 208-B-10 | 38 56.72 | -78 12.00 | 532.09 | 979992.365 | -44.70 | -62.85 |
| 208-B-11 | 38 57.23 | -78 14.17 | 647.09 | 979987.434 | -39.58 | -61.65 |
| 208-B-12 | 38 57.08 | -78 12.02 | 526.23 | 979993.085 | -45.07 | -63.02 |
| 208-B-13 | 38 57.75 | -78 11.50 | 547.32 | 979994.028 | -43.13 | -61.79 |
| 208-B-14 | 38 58.58 | -78 7.57 | 596.26 | 979993.163 | -40.61 | -60.95 |
| 208-B-15 | 38 54.82 | -78 7.53 | 820.27 | 979984.356 | -22.81 | -50.79 |
| 208-C-1 | 38 46.10 | -78 14.00 | * 812.55 | 979855.081 | 34.31 | -56.61 |
| 208-C-2 | 38 48.40 | -78 10.90 | * 731.01 | 979878.742 | 29.44 | -52.36 |
| 208-C-3 | 38 45.50 | -78 7.60 | * 210.17 | 979985.460 | -20.33 | -43.84 |
| 208-C-4 | 38 51.35 | -78 7.73 | 1212.00 | 979956.267 | -8.96 | -50.30 |
| 208-C-5 | 38 51.92 | -78 10.47 | 968.95 | 979969.029 | -19.90 | -52.94 |
| 208-C-6 | 38 51.30 | -78 10.80 | 1133.06 | 979958.644 | -13.94 | -52.58 |
| 208-C-7 | 38 52.42 | -78 14.83 | 638.82 | 979980.517 | -40.19 | -61.98 |
| 208-C-8 | 38 52.02 | -78 13.36 | 914.31 | 979967.185 | -27.03 | -58.21 |
| 208-C-9 | 38 50.97 | -78 13.53 | 837.00 | 979970.689 | -29.25 | -57.80 |
| 208-C-10 | 38 50.10 | -78 13.92 | 818.31 | 979971.842 | -28.58 | -56.49 |
| 208-C-11 | 38 48.67 | -78 14.05 | 932.69 | 979964.774 | -22.79 | -54.60 |
| 208-C-12 | 38 50.02 | -78 11.13 | 2031.84 | 979902.500 | 16.34 | -52.96 |
| 208-C-13 | 38 48.98 | -78 9.88 | 2403.91 | 979876.153 | 26.51 | -55.48 |
| 208-D-1 | 38 47.60 | -78 7.30 | * 210.26 | 979986.570 | -22.27 | -45.80 |
| 208-D-2 | 38 49.80 | -78 6.80 | * 226.66 | 979983.075 | -23.93 | -49.30 |
| 208-D-3 | 36 51.30 | -78 3.80 | * 260.78 | 979981.509 | -17.17 | -46.36 |
| 208-D-4 | 38 50.57 | -78 7.50 | 901.60 | 979971.800 | -21.48 | -52.23 |
| 208-D-5 | 38 50.27 | -78 6.38 | 693.91 | 979986.713 | -25.66 | -49.33 |
| 208-D-6 | 38 50.35 | -78 5.48 | 752.26 | 979984.812 | -22.19 | -47.85 |
| 208-D-7 | 38 49.77 | -78 3.68 | 706.90 | 979991.978 | -18.44 | -42.55 |
| 208-D-8 | 38 49.50 | -78 2.87 | 586.68 | 980001.031 | -20.30 | -40.31 |
| 208-D-9 | 38 49.48 | -78 1.88 | 701.10 | 979998.602 | -11.94 | -35.86 |
| 208-D-10 | 38 46.93 | -78 6.43 | 711.99 | 979986.727 | -21.99 | -46.27 |
| 208-D-11 | 38 46.87 | -78 6.25 | 604.04 | 979993.303 | -22.53 | -43.13 |
| 208-D-12 | 38 46.23 | -78 6.18 | 605.22 | 979993.770 | -21.02 | -41.66 |
| 208-D-13 | 38 47.93 | -78 4.52 | 674.98 | 979992.177 | -18.55 | -41.57 |
| 208-D-14 | 38 47.40 | -78 3.23 | 621.21 | 980000.508 | -14.49 | -35.68 |
| 208-D-15 | 38 45.58 | -78 1.58 | 486.32 | 980009.262 | -15.76 | -32.35 |
| 208-D-16 | 38 45.70 | -78 1.35 | 557.89 | 980005.311 | -13.15 | -32.18 |
| 208-D-17 | 38 46.08 | -78 0.52 | 613.77 | 980003.441 | -10.33 | -31.26 |
| 208-D-18 | 38 45.40 | -78 2.20 | 546.41 | 980005.248 | -13.85 | -32.49 |
| 208-D-19 | 38 45.85 | -78 4.45 | 637.38 | 979997.975 | -13.23 | -34.97 |
| 208-D-20 | 38 48.82 | -78 5.13 | 685.38 | 979991.112 | -19.93 | -43.31 |
| 200-A-1 | 38 41.07 | -78 52.12 | 1184.55 | 979933.455 | -19.26 | -59.67 |
| 200-A-2 | 38 42.85 | -78 52.08 | 1311.00 | 979928.252 | -15.19 | -59.90 |
| 200-A-3 | 38 43.58 | -78 51.82 | 1420.35 | 979922.885 | -11.35 | -59.79 |
| 200-A-4 | 38 39.83 | -78 49.83 | 1410.60 | 979919.996 | -9.65 | -57.76 |
| 200-A-5 | 38 44.85 | -78 46.78 | 1154.14 | 979939.482 | -21.65 | -61.01 |
| 200-A-6 | 38 40.78 | -78 45.07 | 1176.17 | 979936.064 | -17.03 | -57.14 |
| 200-A-7 | 38 38.33 | -78 46.57 | 1017.25 | 979940.695 | -23.75 | -58.45 |
| 200-B-1 | 38 39.47 | -78 53.97 | 1179.09 | 979930.813 | -20.07 | -60.29 |
| 200-B-2 | 38 39.37 | -78 55.87 | 1192.18 | 979927.401 | -22.11 | -62.77 |
| 200-B-3 | 38 38.75 | -78 55.87 | 1314.40 | 979920.092 | -17.02 | -61.85 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 200-B-4 | 38 38.10 | -78 55.85 | 1205.02 | 979926.025 | -20.42 | -61.52 |
| 200-B-5 | 38 39.20 | -78 52.37 | 1392.12 | 979915.655 | -14.80 | -62.28 |
| 200-B-6 | 38 39.67 | -78 50.25 | 1457.05 | 979911.337 | -13.70 | -63.39 |
| 200-B-7 | 38 39.22 | -78 58.10 | 1318.33 | 979920.217 | -17.21 | -62.17 |
| 200-B-8 | 38 42.52 | -78 55.18 | 1262.04 | 979926.863 | -20.69 | -63.74 |
| 200-B-9 | 38 44.23 | -78 55.03 | 1321.57 | 979928.060 | -16.42 | -61.49 |
| 200-C-1 | 38 34.73 | -78 54.08 | 1595.36 | 979902.033 | -2.76 | -57.17 |
| 200-C-2 | 38 33.17 | -78 56.82 | 1565.46 | 979900.996 | -4.31 | -57.71 |
| 200-C-3 | 38 32.22 | -78 55.90 | 1537.57 | 979899.865 | -6.68 | -59.12 |
| 200-C-4 | 38 30.85 | -78 56.93 | 1438.48 | 979903.153 | -10.71 | -59.77 |
| 200-C-5 | 38 31.30 | -78 58.00 | 1518.63 | 979896.151 | -10.83 | -62.63 |
| 200-C-6 | 38 32.30 | -78 52.68 | 1302.42 | 979914.791 | -13.70 | -58.12 |
| 200-C-7 | 38 31.80 | -78 59.30 | 1656.32 | 979888.273 | -6.49 | -62.98 |
| 200-C-8 | 38 30.33 | -78 59.92 | 1463.66 | 979897.263 | -13.47 | -63.39 |
| 200-C-9 | 38 32.90 | -78 58.85 | 1765.95 | 979883.742 | -2.32 | -62.55 |
| 200-C-10 | 38 33.82 | -78 58.27 | 1542.06 | 979898.322 | -10.14 | -62.73 |
| 200-C-11 | 38 35.38 | -78 56.97 | 1318.48 | 979914.343 | -17.45 | -62.42 |
| 200-C-12 | 38 35.97 | -78 56.25 | 1268.74 | 979918.288 | -19.03 | -62.31 |
| 200-C-13 | 38 37.42 | -78 56.17 | 1426.36 | 979911.725 | -12.90 | -61.55 |
| 200-D-1 | 38 35.52 | -78 46.57 | 1133.17 | 979929.358 | -20.06 | -58.71 |
| 200-D-2 | 38 37.45 | -78 49.25 | 1062.20 | 979938.566 | -20.36 | -56.59 |
| 200-D-3 | 38 32.97 | -78 45.70 | 1149.71 | 979921.926 | -22.20 | -61.41 |
| 200-D-4 | 38 32.37 | -78 46.13 | 1129.72 | 979925.217 | -19.91 | -58.44 |
| 200-D-5 | 38 31.98 | -78 46.55 | 1150.46 | 979923.758 | -18.85 | -58.09 |
| 200-D-6 | 38 31.65 | -78 46.70 | 1195.98 | 979920.897 | -16.94 | -57.74 |
| 200-D-7 | 38 31.12 | -78 47.13 | 1152.30 | 979922.695 | -18.47 | -57.77 |
| 200-D-8 | 38 30.75 | -78 47.40 | 1205.03 | 979919.143 | -16.53 | -57.63 |
| 200-D-9 | 38 30.90 | -78 47.30 | 1180.54 | 979920.896 | -17.30 | -57.56 |
| 200-D-10 | 38 30.58 | -78 46.22 | 1247.96 | 979917.218 | -14.17 | -56.74 |
| 200-D-11 | 38 30.18 | -78 46.03 | 1351.56 | 979910.897 | -10.16 | -56.26 |
| 200-D-12 | 38 31.55 | -78 47.86 | 1247.43 | 979917.005 | -15.85 | -58.40 |
| 200-D-13 | 38 31.82 | -78 50.13 | 1238.12 | 979918.415 | -15.71 | -57.94 |
| 200-D-14 | 38 31.57 | -78 51.55 | 1187.46 | 979920.658 | -17.86 | -58.36 |
| 200-D-15 | 38 34.80 | -78 48.35 | 1109.65 | 979929.811 | -20.75 | -58.60 |
| 200-D-16 | 38 35.85 | -78 48.23 | 1064.54 | 979934.119 | -22.24 | -58.55 |
| 199-A-1 | 38 38.78 | -78 37.03 | 756.26 | 979957.142 | -32.51 | -58.31 |
| 199-A-2 | 38 38.63 | -78 37.40 | 1524.21 | 979910.084 | -7.12 | -59.10 |
| 199-A-3 | 38 39.62 | -78 36.05 | 2307.04 | 979862.054 | 17.04 | -61.65 |
| 199-A-4 | 38 41.00 | -78 35.17 | 2014.99 | 979881.700 | 7.19 | -61.53 |
| 199-A-5 | 38 38.55 | -78 36.73 | 1807.76 | 979892.961 | 2.55 | -59.10 |
| 199-A-6 | 38 38.28 | -78 36.57 | 1572.04 | 979906.275 | -5.91 | -59.53 |
| 199-A-7 | 38 38.60 | -78 35.60 | 1192.50 | 979930.007 | -18.35 | -59.02 |
| 199-A-8 | 38 38.28 | -78 34.07 | 811.27 | 979953.101 | -30.65 | -58.32 |
| 199-A-9 | 38 38.62 | -78 32.95 | 857.78 | 979951.209 | -28.65 | -57.91 |
| 199-A-10 | 38 38.77 | -78 32.07 | 763.18 | 979956.286 | -32.69 | -58.72 |
| 199-A-11 | 38 39.05 | -78 31.48 | 916.42 | 979948.435 | -26.55 | -57.80 |
| 199-A-12 | 38 37.57 | -78 31.57 | 880.16 | 979950.694 | -25.52 | -55.54 |
| 199-A-13 | 38 39.48 | -78 30.75 | 776.12 | 979958.296 | -30.52 | -56.99 |
| 199-A-14 | 38 41.52 | -78 30.63 | 788.21 | 979958.412 | -32.25 | -59.13 |
| 199-A-15 | 38 42.92 | -78 30.02 | 960.15 | 979949.014 | -27.53 | -60.27 |
| 199-A-16 | 38 42.57 | -78 31.05 | 1249.83 | 979929.734 | -19.05 | -61.67 |
| 199-A-17 | 38 43.52 | -78 30.62 | 1849.16 | 979890.217 | -3.58 | -66.65 |
| 199-A-18 | 38 43.18 | -78 31.17 | 1592.69 | 979908.210 | -9.22 | -63.55 |
| 199-A-19 | 38 43.38 | -78 32.45 | 1368.14 | 979921.746 | -17.10 | -63.77 |
| 199-A-20 | 38 42.47 | -78 33.80 | 1699.55 | 979901.824 | -4.51 | -62.47 |
| 199-A-21 | 38 44.02 | -78 31.08 | 1192.55 | 979934.272 | -22.02 | -62.70 |
| 199-A-22 | 38 44.38 | -78 33.10 | 1610.37 | 979911.474 | -6.06 | -60.98 |
| 199-A-23 | 38 42.48 | -78 36.45 | 1110.66 | 979939.917 | -21.83 | -59.71 |
| 199-B-1 | 38 37.55 | -78 41.33 | 1088.20 | 979935.711 | -20.91 | -58.03 |
| 199-B-2 | 38 38.18 | -78 40.83 | 1075.22 | 979937.505 | -21.27 | -57.94 |
| 199-B-3 | 38 38.92 | -78 40.30 | 1060.39 | 979939.323 | -21.92 | -58.09 |
| 199-B-4 | 38 39.13 | -78 40.07 | 1041.67 | 979940.545 | -22.78 | -58.31 |
| 199-B-5 | 38 39.77 | -78 39.78 | 1002.92 | 979943.990 | -23.91 | -58.11 |
| 199-B-6 | 38 40.57 | -78 39.40 | 997.31 | 979945.235 | -24.36 | -58.38 |
| 199-B-7 | 38 42.38 | -78 38.92 | 945.45 | 979948.971 | -28.17 | -60.42 |
| 199-B-8 | 38 44.52 | -78 38.55 | 864.90 | 979954.674 | -33.17 | -62.67 |
| 199-B-9 | 38 42.37 | -78 39.13 | 897.60 | 979950.959 | -30.64 | -61.26 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 199-B-10 | 38 41.43 | -78 39.85 | 904.53 | 979946.553 | -31.04 | -61.89 |
| 199-B-11 | 38 38.72 | -78 38.72 | 944.00 | 979945.171 | -26.73 | -58.93 |
| 199-B-12 | 38 38.50 | -78 38.05 | 1161.83 | 979931.763 | -19.33 | -58.96 |
| 199-B-13 | 38 38.65 | -78 37.90 | 1268.79 | 979925.519 | -15.73 | -59.01 |
| 199-B-14 | 38 38.93 | -78 41.42 | 969.00 | 979942.956 | -26.91 | -59.96 |
| 199-C-1 | 38 34.50 | -78 44.03 | 1120.07 | 979929.966 | -19.19 | -57.39 |
| 199-C-2 | 38 34.87 | -78 43.65 | 1099.03 | 979931.507 | -20.17 | -57.65 |
| 199-C-3 | 38 35.43 | -78 43.10 | 1106.68 | 979931.823 | -19.96 | -57.71 |
| 199-C-4 | 38 35.43 | -78 43.08 | 1101.92 | 979932.091 | -20.14 | -57.72 |
| 199-C-5 | 38 36.02 | -78 42.58 | 1104.17 | 979932.865 | -20.01 | -57.67 |
| 199-C-6 | 38 36.80 | -78 41.95 | 1107.26 | 979933.779 | -19.95 | -57.72 |
| 199-C-7 | 38 37.43 | -78 41.43 | 1059.73 | 979937.202 | -21.93 | -58.07 |
| 199-C-8 | 38 37.30 | -78 41.53 | 1092.63 | 979935.249 | -20.59 | -57.86 |
| 199-C-9 | 38 33.30 | -78 43.72 | 1114.27 | 979928.639 | -19.31 | -57.31 |
| 199-C-10 | 38 32.15 | -78 42.38 | 1222.40 | 979921.159 | -14.93 | -56.62 |
| 199-C-11 | 38 33.30 | -78 42.15 | 1146.86 | 979926.593 | -18.29 | -57.40 |
| 199-C-12 | 38 30.38 | -78 43.32 | 1481.57 | 979902.524 | -6.60 | -57.13 |
| 199-C-13 | 38 33.63 | -78 41.42 | 1254.76 | 979921.214 | -14.00 | -56.80 |
| 199-C-14 | 38 33.28 | -78 38.40 | 1180.57 | 979920.867 | -20.82 | -61.08 |
| 199-D-1 | 38 33.40 | -78 33.00 | * 333.77 | 979921.924 | -27.98 | -65.32 |
| 199-D-2 | 38 34.55 | -78 30.03 | 1071.93 | 979928.266 | -25.52 | -62.09 |
| 199-D-3 | 38 31.57 | -78 35.67 | 897.13 | 979937.717 | -28.11 | -58.71 |
| 199-D-4 | 38 33.32 | -78 34.35 | 892.48 | 979941.284 | -27.55 | -57.99 |
| 199-D-5 | 38 35.42 | -78 33.67 | 793.30 | 979949.078 | -32.16 | -59.22 |
| 199-D-6 | 38 34.63 | -78 35.73 | 815.45 | 979947.769 | -30.24 | -58.05 |
| 199-D-7 | 38 33.43 | -78 36.40 | 1001.21 | 979936.597 | -22.18 | -56.32 |
| 199-D-8 | 38 30.78 | -78 37.10 | 946.36 | 979935.985 | -24.07 | -56.34 |
| 198-A-1 | 38 39.10 | -78 16.20 | * 296.64 | 979953.394 | -16.32 | -49.51 |
| 198-A-2 | 38 39.80 | -78 17.40 | * 388.96 | 979933.957 | -8.28 | -51.81 |
| 198-A-3 | 38 39.60 | -78 19.20 | * 703.30 | 979877.809 | 32.86 | -45.84 |
| 198-A-4 | 38 39.40 | -78 21.40 | * 425.24 | 979929.546 | -0.92 | -48.50 |
| 198-A-5 | 38 41.90 | -78 19.30 | * 761.56 | 979866.633 | 36.29 | -48.93 |
| 198-A-6 | 38 38.60 | -78 18.60 | * 845.40 | 979840.786 | 41.16 | -53.44 |
| 198-A-7 | 38 37.60 | -78 20.40 | *1016.40 | 979801.772 | 56.38 | -57.35 |
| 198-A-8 | 38 38.55 | -78 22.28 | 1342.21 | 979928.464 | -5.73 | -51.51 |
| 198-A-9 | 38 39.80 | -78 18.07 | 1717.28 | 979908.507 | 7.76 | -50.82 |
| 198-A-10 | 38 39.78 | -78 19.95 | 2077.90 | 979889.896 | 23.09 | -47.78 |
| 198-B-1 | 38 40.40 | -78 22.98 | 987.09 | 979942.885 | -27.43 | -61.09 |
| 198-B-2 | 38 40.20 | -78 25.70 | * 260.89 | 979953.478 | -28.88 | -58.07 |
| 198-B-3 | 38 39.70 | -78 27.70 | * 251.66 | 979954.314 | -30.15 | -58.31 |
| 198-B-4 | 38 37.87 | -78 26.15 | 902.38 | 979945.745 | -28.84 | -59.62 |
| 198-B-5 | 38 39.00 | -78 27.67 | 811.43 | 979954.251 | -30.53 | -58.21 |
| 198-B-6 | 38 37.83 | -78 24.15 | 1199.46 | 979929.827 | -16.75 | -57.66 |
| 198-B-7 | 38 39.83 | -78 28.60 | 947.11 | 979946.843 | -26.40 | -58.70 |
| 198-B-8 | 38 42.08 | -78 29.53 | 691.82 | 979964.805 | -35.75 | -59.35 |
| 198-B-9 | 38 42.08 | -78 26.48 | 744.47 | 979963.966 | -31.64 | -57.03 |
| 198-B-10 | 38 43.15 | -78 23.88 | 955.07 | 979949.625 | -27.74 | -60.31 |
| 198-B-11 | 38 39.90 | -78 26.93 | 865.53 | 979951.643 | -29.37 | -58.89 |
| 198-B-12 | 38 40.43 | -78 24.28 | 927.58 | 979949.313 | -26.65 | -58.28 |
| 198-B-13 | 38 40.37 | -78 23.12 | 993.29 | 979942.283 | -27.40 | -61.28 |
| 198-C-1 | 38 35.60 | -78 22.90 | *1128.60 | 979779.516 | 71.68 | -54.61 |
| 198-C-2 | 38 33.40 | -78 23.20 | *1024.50 | 979807.574 | 70.84 | -43.80 |
| 198-C-3 | 38 32.90 | -78 24.80 | *1008.77 | 979802.940 | 62.08 | -50.80 |
| 198-C-4 | 38 32.00 | -78 25.30 | * 933.13 | 979821.168 | -58.29 | -46.13 |
| 198-C-5 | 38 31.10 | -78 26.40 | *1070.97 | 979793.356 | 74.33 | -45.51 |
| 198-C-6 | 38 30.20 | -78 26.70 | * 992.92 | 979809.018 | 67.22 | -43.88 |
| 198-C-7 | 38 36.60 | -78 25.07 | 1066.10 | 979939.192 | -18.12 | -54.48 |
| 198-C-8 | 38 33.67 | -78 26.88 | 1233.52 | 979925.407 | -11.86 | -53.93 |
| 198-C-9 | 38 30.77 | -78 27.97 | 2799.80 | 979827.634 | 41.94 | -53.55 |
| 198-C-10 | 38 31.42 | -78 29.37 | 2163.76 | 979862.163 | 17.58 | -56.91 |
| 198-C-11 | 38 35.02 | -78 26.30 | 1149.30 | 979930.112 | -17.05 | -56.25 |
| 198-C-12 | 38 37.20 | -78 29.00 | 973.14 | 979941.553 | -25.38 | -58.57 |
| 198-C-13 | 38 36.47 | -78 29.10 | 946.74 | 979941.303 | -27.04 | -59.33 |
| 198-D-1 | 38 37.40 | -78 19.40 | *1013.88 | 979804.643 | 56.77 | -54.69 |
| 198-D-2 | 38 36.70 | -78 21.80 | * 943.86 | 979814.509 | 48.05 | -57.57 |
| 198-D-3 | 38 35.30 | -78 21.60 | *1094.93 | 979792.513 | 74.73 | -47.79 |
| 198-D-4 | 38 36.20 | -78 15.20 | * 251.16 | 979963.580 | -15.92 | -44.02 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 198-D-5 | 38 34.20 | -78 16.70 | * 245.60 | 979961.454 | -16.83 | -44.31 |
| 198-D-6 | 38 31.60 | -78 16.00 | * 204.70 | 979972.336 | -14.80 | -37.70 |
| 198-D-7 | 38 30.40 | -78 16.40 | * 223.09 | 979966.211 | -13.45 | -38.41 |
| 198-D-8UE1 | 38 30.70 | -78 18.30 | * 269.75 | 979956.419 | -9.28 | -39.47 |
| 198-D-9UE2 | 38 33.40 | -78 16.30 | * 222.81 | 979965.856 | -18.29 | -43.22 |
| 198-D-10UE3 | 38 34.40 | -78 17.80 | * 284.99 | 979950.225 | -16.19 | -48.08 |
| 198-D-11 | 38 32.10 | -78 21.00 | 1060.16 | 979940.924 | -10.35 | -46.51 |
| 198-D-12 | 38 30.65 | -78 21.37 | 977.97 | 979946.502 | -10.38 | -43.74 |
| 197-A-1 | 38 40.98 | -78 0.60 | 594.15 | 979998.524 | -9.61 | -29.87 |
| 197-A-2 | 38 44.93 | -78 6.35 | 642.12 | 979990.887 | -18.53 | -40.43 |
| 197-A-3 | 38 43.32 | -78 6.90 | 563.81 | 979994.635 | -19.77 | -39.00 |
| 197-A-4 | 38 43.47 | -78 5.98 | 530.00 | 979992.472 | -25.34 | -43.41 |
| 197-A-5 | 38 43.18 | -78 5.20 | 574.66 | 979998.496 | -14.69 | -34.29 |
| 197-A-6 | 38 41.87 | -78 2.38 | 652.14 | 979992.374 | -11.60 | -33.84 |
| 197-A-7 | 38 41.33 | -78 1.68 | 520.07 | 979999.671 | -15.94 | -33.68 |
| 197-A-8 | 38 41.02 | -78 0.70 | 603.08 | 979997.711 | -9.63 | -30.20 |
| 197-A-9 | 38 42.45 | -78 3.10 | 492.78 | 980004.254 | -15.56 | -32.37 |
| 197-A-10 | 38 43.65 | -78 1.92 | 524.47 | 980002.736 | -15.86 | -33.75 |
| 197-A-11 | 38 44.47 | -78 2.27 | 560.95 | 980002.229 | -14.13 | -33.27 |
| 197-A-12 | 38 42.42 | -78 0.77 | 439.49 | 980007.046 | -17.73 | -32.72 |
| 197-A-13 | 38 44.47 | -78 0.08 | 583.76 | 980001.488 | -12.73 | -32.64 |
| 197-A-14 | 38 39.08 | -78 0.33 | 534.96 | 980002.849 | -8.06 | -26.31 |
| 197-A-15 | 38 41.87 | -78 4.45 | 598.69 | 979996.470 | -12.53 | -32.95 |
| 197-A-16 | 38 39.37 | -78 4.47 | 387.20 | 980003.167 | -22.06 | -35.27 |
| 197-A-17 | 38 38.90 | -78 5.33 | 394.93 | 979999.854 | -23.96 | -37.43 |
| 197-A-18 | 38 38.48 | -78 5.85 | 507.29 | 979991.732 | -20.90 | -38.20 |
| 197-B-1 | 38 39.40 | -78 13.60 | * 206.60 | 979977.458 | -20.48 | -43.60 |
| 197-B-2 | 38 37.90 | -78 11.50 | * 184.05 | 979985.332 | -17.37 | -37.96 |
| 197-B-3 | 38 37.80 | -78 14.90 | * 271.97 | 979960.838 | -14.58 | -45.01 |
| 197-B-4 | 38 41.30 | -78 11.02 | 710.90 | 979979.119 | -18.49 | -42.74 |
| 197-B-5 | 38 42.90 | -78 9.60 | * 211.42 | 979982.456 | -19.13 | -42.79 |
| 197-B-6 | 38 39.07 | -78 13.03 | 684.66 | 979978.445 | -18.36 | -41.71 |
| 197-B-7 | 38 39.48 | -78 13.60 | 690.90 | 979976.396 | -20.43 | -44.00 |
| 197-B-8 | 38 39.18 | -78 14.97 | 803.22 | 979966.207 | -19.62 | -47.01 |
| 197-B-9 | 38 41.02 | -78 12.18 | 686.00 | 979978.575 | -20.96 | -44.36 |
| 197-B-10 | 38 42.90 | -78 13.65 | 877.78 | 979963.899 | -20.36 | -50.30 |
| 197-B-11 | 38 44.58 | -78 13.95 | 1283.57 | 979939.801 | -8.76 | -52.54 |
| 197-B-12 | 38 43.98 | -78 11.32 | 770.08 | 979974.275 | -21.71 | -47.97 |
| 197-B-13 | 38 42.92 | -78 7.72 | 554.31 | 979992.851 | -21.86 | -40.77 |
| 197-B-14 | 38 41.98 | -78 9.85 | 640.76 | 979985.635 | -19.58 | -41.43 |
| 197-B-15 | 38 39.27 | -78 7.88 | 426.43 | 979999.629 | -21.76 | -36.30 |
| 197-B-16 | 38 40.38 | -78 7.75 | 642.36 | 979987.984 | -14.73 | -36.64 |
| 197-C-1 | 38 32.45 | -78 7.87 | 546.88 | 979987.720 | -12.16 | -30.88 |
| 197-C-2 | 38 33.32 | -78 7.85 | 646.07 | 979981.929 | -10.08 | -32.12 |
| 197-C-3 | 38 33.15 | -78 8.77 | 470.95 | 979992.296 | -15.94 | -32.00 |
| 197-C-4 | 38 35.28 | -78 9.83 | 565.83 | 979988.124 | -14.31 | -33.61 |
| 197-C-5 | 38 35.73 | -78 13.93 | 693.97 | 979975.831 | -15.22 | -38.89 |
| 197-C-6 | 38 32.48 | -78 14.65 | 626.91 | 979978.466 | -14.12 | -35.50 |
| 197-C-7 | 38 30.63 | -78 14.63 | 659.94 | 979975.023 | -11.74 | -34.26 |
| 197-C-8 | 38 32.32 | -78 11.43 | 663.76 | 979980.742 | -8.14 | -30.78 |
| 197-C-9 | 38 37.37 | -78 14.10 | 772.11 | 979970.479 | -15.61 | -41.94 |
| 197-C-10 | 38 30.78 | -78 12.08 | 664.17 | 979978.931 | -7.66 | -30.32 |
| 197-D-1 | 38 30.57 | -78 3.38 | 557.75 | 979997.962 | 1.67 | -17.35 |
| 197-D-2 | 38 31.07 | -78 4.60 | 548.89 | 979997.190 | -0.66 | -19.38 |
| 197-D-3 | 38 31.48 | -78 6.90 | 422.19 | 979998.510 | -11.87 | -26.27 |
| 197-D-4 | 38 31.90 | -78 7.17 | 418.17 | 979996.176 | -15.19 | -29.46 |
| 197-D-5 | 38 34.82 | -78 6.85 | 386.14 | 979998.578 | -20.08 | -33.25 |
| 197-D-6 | 38 31.67 | -78 4.03 | 494.93 | 980001.587 | -2.22 | -19.10 |
| 197-D-7 | 38 34.90 | -78 3.57 | 460.11 | 979999.840 | -11.98 | -27.67 |
| 197-D-8 | 38 35.88 | -78 3.57 | 355.60 | 980006.182 | -16.91 | -29.04 |
| 197-D-9 | 38 36.80 | -78 1.48 | 466.87 | 980004.442 | -9.53 | -25.45 |
| 197-D-10 | 38 35.63 | -78 0.22 | 317.09 | 980016.972 | -9.37 | -20.19 |
| 197-D-11 | 38 37.22 | -78 3.70 | 508.64 | 979995.131 | -15.52 | -32.87 |
| 197-D-12 | 38 37.16 | -78 4.73 | 633.81 | 979985.425 | -13.40 | -35.02 |
| 197-D-13 | 38 37.30 | -78 5.52 | 430.25 | 979996.703 | -21.44 | -36.12 |
| 197-D-14 | 38 36.27 | -78 5.83 | 572.07 | 979987.702 | -15.59 | -35.10 |

## APPENDIX II: PRINCIPAL FACTS FOR POINTS IN SHEET 7

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 188-A-1 | 38 29,60 | -78 51,30 | * 422,42 | 979907,896 | -9,08 | -56,35 |
| 188-A-2 | 38 22,72 | -78 49,08 | 1266,07 | 979904,945 | -13,23 | -56,41 |
| 188-A-3 | 38 24,93 | -78 48,13 | 1333,22 | 979903,903 | -11,19 | -56,67 |
| 188-A-4 | 38 27,23 | -78 46,30 | 1478,72 | 979898,950 | -5,83 | -56,26 |
| 188-A-5 | 38 26,58 | -78 50,12 | 1379,20 | 979904,664 | -8,52 | -55,56 |
| 188-A-6 | 38 23,23 | -78 48,22 | 1208,06 | 979908,316 | -16,07 | -57,27 |
| 188-A-7 BASE | 38 26,80 | -78 51,57 | 1450,41 | 979900,118 | -6,69 | -56,16 |
| 188-A-8 | 38 26,42 | -78 51,37 | 1351,96 | 979904,237 | -11,27 | -57,38 |
| 188-A-9 | 38 27,78 | -78 51,00 | 1426,46 | 979902,560 | -7,94 | -56,59 |
| 188-A-10 | 38 28,10 | -78 49,97 | 1307,89 | 979909,529 | -12,59 | -57,19 |
| 188-A-11 | 38 28,72 | -78 49,25 | 1273,78 | 979911,167 | -15,06 | -58,50 |
| 188-A-12 | 38 29,33 | -78 48,63 | 1231,29 | 979913,941 | -17,19 | -59,18 |
| 188-A-13 | 38 28,60 | -78 49,80 | 1488,85 | 979899,091 | -6,74 | -57,52 |
| 188-A-14 | 38 27,33 | -78 51,90 | 1330,75 | 979907,445 | -11,40 | -56,79 |
| 188-A-15 | 38 26,97 | -78 52,17 | 1325,50 | 979906,868 | -11,93 | -57,14 |
| 188-B-1 | 38 24,43 | -78 58,55 | 1225,85 | 979905,300 | -19,17 | -60,98 |
| 188-B-2 | 38 25,50 | -78 59,45 | 1269,88 | 979902,037 | -19,85 | -63,16 |
| 188-B-3 | 38 26,82 | -78 59,92 | 1344,87 | 979897,832 | -18,93 | -64,80 |
| 188-B-4 | 38 26,75 | -78 59,50 | 1342,50 | 979898,279 | -18,61 | -64,39 |
| 188-B-5 | 38 22,65 | -78 55,83 | 1173,86 | 979905,150 | -21,60 | -61,63 |
| 188-B-6 | 38 23,10 | -78 53,88 | 1249,20 | 979904,748 | -15,57 | -58,18 |
| 188-B-7 | 38 23,62 | -78 55,00 | 1216,37 | 979905,634 | -18,53 | -60,01 |
| 188-B-8 | 38 25,18 | -78 53,65 | 1273,84 | 979904,575 | -16,48 | -59,92 |
| 188-B-9 | 38 25,72 | -78 53,18 | 1275,01 | 979905,267 | -16,45 | -59,94 |
| 188-B-10 | 38 26,65 | -78 52,77 | 1310,60 | 979906,603 | -13,14 | -57,84 |
| 188-B-11 | 38 26,87 | -78 53,17 | 1394,30 | 979902,199 | -9,98 | -57,54 |
| 188-B-12 | 38 27,15 | -78 55,50 | 1338,31 | 979905,474 | -12,39 | -58,04 |
| 188-B-13 | 38 27,35 | -78 56,55 | 1412,27 | 979899,274 | -11,93 | -60,09 |
| 188-B-14 | 38 27,93 | -78 58,28 | 1366,73 | 979901,148 | -15,19 | -61,80 |
| 188-B-15 | 38 28,67 | -78 59,73 | 1397,24 | 979899,674 | -14,87 | -62,52 |
| 188-C-1 | 38 15,83 | -78 58,92 | 1392,48 | 979883,703 | -12,51 | -60,00 |
| 188-C-2 | 38 16,80 | -78 59,90 | 1328,71 | 979887,022 | -16,60 | -61,92 |
| 188-C-3 | 38 21,37 | -78 59,50 | 1332,52 | 979893,319 | -16,63 | -62,07 |
| 188-C-4 | 38 15,03 | -78 57,83 | 1273,15 | 979890,420 | -15,85 | -59,27 |
| 188-C-5 | 38 15,53 | -78 57,52 | 1290,45 | 979890,047 | -15,33 | -59,34 |
| 188-C-6 | 38 15,47 | -78 57,30 | 1269,72 | 979891,352 | -15,87 | -59,18 |
| 188-C-7 | 38 16,53 | -78 55,53 | 1232,30 | 979894,236 | -18,07 | -60,10 |
| 188-C-8 | 38 16,00 | -78 57,25 | 1271,22 | 979891,827 | -16,04 | -59,39 |
| 188-C-9 | 38 16,60 | -78 56,68 | 1262,56 | 979891,240 | -18,32 | -61,38 |
| 188-C-10 | 38 22,37 | -78 56,08 | 1175,76 | 979904,119 | -22,03 | -62,14 |
| 188-C-11 | 38 21,92 | -78 56,23 | 1191,91 | 979901,771 | -22,20 | -62,86 |
| 188-C-12 | 38 21,45 | -78 56,60 | 1201,47 | 979900,404 | -21,99 | -62,97 |
| 188-C-13 | 38 22,45 | -78 57,20 | 1266,83 | 979898,447 | -19,26 | -62,47 |
| 188-C-14 | 38 20,72 | -78 55,20 | 1167,41 | 979902,508 | -22,02 | -61,83 |
| 188-C-15 | 38 19,25 | -78 54,55 | 1132,10 | 979904,061 | -21,64 | -60,25 |
| 188-C-16 | 38 21,67 | -78 54,75 | 1199,61 | 979904,735 | -18,15 | -59,07 |
| 188-C-17 | 38 21,03 | -78 56,68 | 1176,21 | 979901,248 | -22,91 | -63,03 |
| 188-C-18 | 38 19,93 | -78 56,32 | 1155,75 | 979900,945 | -23,53 | -62,95 |
| 188-C-19 | 38 19,55 | -78 56,28 | 1215,27 | 979897,558 | -20,76 | -62,21 |
| 188-C-20 | 38 18,80 | -78 56,18 | 1231,40 | 979894,808 | -20,89 | -62,89 |
| 188-C-21 | 38 17,32 | -78 56,17 | 1255,57 | 979890,120 | -21,14 | -63,96 |
| 188-C-22 | 38 17,33 | -78 54,83 | 1153,58 | 979898,180 | -22,70 | -62,04 |
| 188-D-1 | 38 20,30 | -78 49,20 | * 364,27 | 979904,426 | -16,88 | -57,64 |
| 188-D-2 | 38 17,10 | -78 48,50 | * 334,95 | 979899,202 | -26,48 | -63,96 |
| 188-D-3 | 38 18,50 | -78 46,30 | * 320,01 | 979905,056 | -27,28 | -63,09 |
| 188-D-4 | 38 16,67 | -78 47,72 | 1174,17 | 979893,085 | -24,88 | -64,93 |
| 188-D-5 | 38 15,88 | -78 47,22 | 1285,53 | 979883,551 | -22,80 | -66,64 |
| 188-D-6 | 38 15,43 | -78 46,28 | 1356,47 | 979882,332 | -16,68 | -62,95 |
| 188-D-7 | 38 15,95 | -78 49,65 | 1113,28 | 979898,168 | -24,48 | -62,45 |
| 188-D-8 | 38 17,35 | -78 48,37 | 1097,50 | 979899,716 | -26,46 | -63,89 |
| 188-D-9 | 38 19,53 | -78 48,98 | 1116,52 | 979907,540 | -20,04 | -58,12 |

* Denotes elevation in meters.

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 188-D-10 | 38 21.55 | -78 50.53 | 1263.60 | 979902.364 | -14.33 | -57.43 |
| 188-D-11 | 38 22.28 | -78 52.02 | 1432.69 | 979891.960 | -9.90 | -58.77 |
| 188-D-12 | 38 21.72 | -78 51.18 | 1364.33 | 979895.421 | -12.04 | -58.58 |
| 188-D-13 | 38 22.25 | -78 45.30 | 1183.37 | 979908.251 | -17.01 | -57.38 |
| 188-D-14 | 38 22.40 | -78 47.40 | 1186.97 | 979908.728 | -16.42 | -56.90 |
| 187-A-1 | 38 22.60 | -78 35.40 | * 377.60 | 979908.318 | -12.24 | -54.50 |
| 187-A-2 | 38 22.70 | -78 31.60 | * 865.87 | 979815.147 | 45.12 | -51.77 |
| 187-A-3 | 38 23.80 | -78 30.50 | 1018.40 | 979790.755 | 66.19 | -47.77 |
| 187-A-4 | 38 26.05 | -78 34.10 | 1168.77 | 979909.773 | -22.46 | -62.32 |
| 187-A-5 | 38 28.37 | -78 34.72 | 1255.42 | 979906.740 | -20.74 | -63.55 |
| 187-A-6 | 38 29.85 | -78 35.30 | 1223.95 | 979913.423 | -19.18 | -60.93 |
| 187-A-7 | 38 27.30 | -78 34.98 | 1006.30 | 979921.848 | -27.46 | -61.79 |
| 187-A-8 | 38 26.80 | -78 33.50 | 1077.15 | 979914.567 | -27.35 | -64.09 |
| 187-A-9 | 38 27.82 | -78 31.53 | 1232.51 | 979913.924 | -14.87 | -56.90 |
| 187-A-10 | 38 29.15 | -78 30.08 | 1569.08 | 979894.055 | -5.03 | -58.55 |
| 187-A-12 | 38 25.42 | -78 30.82 | 1691.20 | 979891.286 | 9.15 | -48.53 |
| 187-B-1 + A-11 | 38 24.33 | -78 37.50 | 968.66 | 979922.203 | -26.38 | -59.42 |
| 187-B-2 | 38 26.58 | -78 39.23 | 1073.97 | 979922.607 | -19.31 | -55.94 |
| 187-B-3 | 38 29.17 | -78 37.53 | 990.47 | 979931.049 | -22.49 | -56.27 |
| 187-B-4 | 38 23.00 | -78 38.70 | * 300.46 | 979917.338 | -27.61 | -61.23 |
| 187-B-TL | 38 28.48 | -78 37.78 | 990.58 | 979930.115 | -22.43 | -56.21 |
| 187-B-5 | 38 24.38 | -78 43.12 | 1233.18 | 979908.983 | -14.72 | -56.78 |
| 187-B-6 | 38 24.32 | -78 43.43 | 1258.65 | 979907.047 | -14.16 | -57.09 |
| 187-B-7 | 38 24.68 | -78 39.02 | 980.95 | 979922.658 | -25.21 | -58.67 |
| 187-B-8 | 38 23.65 | -78 39.22 | 988.86 | 979919.399 | -26.21 | -59.94 |
| 187-B-9 | 38 28.92 | -78 37.60 | 901.18 | 979935.912 | -25.66 | -56.39 |
| 187-B-10 | 38 29.80 | -78 42.57 | 1658.22 | 979889.587 | -2.07 | -58.62 |
| 187-C-1A + C-4 | 38 21.05 | -78 41.50 | 1020.25 | 979909.340 | -29.56 | -64.36 |
| 187-C-1-B | 38 17.40 | -78 38.50 | * 771.11 | 979827.634 | 36.12 | -50.17 |
| 187-C-2 | 38 17.10 | -78 39.60 | * 880.12 | 979798.670 | 41.23 | -57.26 |
| 187-C-3 | 38 15.50 | -78 39.70 | * 865.98 | 979805.511 | 46.05 | -50.85 |
| 187-C-5 | 38 19.45 | -78 37.72 | 1445.75 | 979892.137 | -4.35 | -53.67 |
| 187-C-6 | 38 21.13 | -78 41.40 | 1024.00 | 979909.674 | -28.95 | -63.88 |
| 187-C-7 | 38 15.18 | -78 44.47 | 1649.76 | 979869.865 | -1.20 | -57.47 |
| 187-C-8 | 38 14.98 | -78 43.87 | 1956.70 | 979851.966 | 10.07 | -56.67 |
| 187-D-1 | 38 20.30 | -78 30.40 | * 395.16 | 979906.152 | -5.63 | -49.84 |
| 187-D-2 | 38 21.50 | -78 32.90 | * 716.27 | 979840.055 | 25.62 | -54.53 |
| 187-D-3 | 38 20.40 | -78 33.50 | * 826.82 | 979815.363 | 36.65 | -55.87 |
| 187-D-4 | 38 17.30 | -78 31.10 | * 208.43 | 979936.994 | -28.02 | -51.34 |
| 187-D-5 | 38 19.30 | -78 35.00 | * 748.71 | 979824.322 | 23.12 | -60.66 |
| 187-D-6 | 38 19.00 | -78 36.40 | * 745.98 | 979831.132 | 29.53 | -53.96 |
| 187-D-7 | 38 18.10 | -78 37.40 | * 679.84 | 979846.163 | 25.45 | -50.62 |
| 187-D-8 | 38 16.60 | -78 36.70 | * 404.13 | 979891.770 | -11.83 | -57.05 |
| 187-D-9 | 38 21.90 | -78 33.30 | * 633.77 | 979855.971 | 15.49 | -55.43 |
| 187-D-10 | 38 22.00 | -78 34.70 | * 427.15 | 979898.928 | -5.46 | -53.26 |
| 187-D-11 | 38 21.00 | -78 36.40 | * 386.82 | 979907.980 | -7.39 | -50.68 |
| 187-D-12UE1 | 38 15.70 | -78 30.30 | * 162.46 | 979947.557 | -29.31 | -47.49 |
| 187-D-13UE2 | 38 15.90 | -78 31.70 | * 204.83 | 979936.715 | -27.37 | -50.29 |
| 187-D-14UE3 | 38 16.40 | -78 33.30 | * 234.39 | 979927.274 | -28.41 | -54.64 |
| 187-D-15UE4 | 38 17.70 | -78 34.50 | * 312.73 | 979909.141 | -24.27 | -59.27 |
| 187-D-16UE5 | 38 18.50 | -78 34.90 | * 400.51 | 979892.542 | -14.95 | -59.77 |
| 186-A-1 | 38 28.00 | -78 18.90 | * 177.58 | 979971.429 | -18.76 | -38.63 |
| 186-A-2 | 38 23.70 | -78 18.90 | * 191.47 | 979961.707 | -17.90 | -39.32 |
| 186-A-3 | 38 23.27 | -78 15.10 | 558.76 | 979971.163 | -14.36 | -33.42 |
| 186-A-4 | 38 26.80 | -78 16.30 | * 149.44 | 979978.939 | -18.17 | -34.90 |
| 186-A-5 | 38 27.27 | -78 17.37 | 522.33 | 979974.900 | -19.89 | -37.70 |
| 186-A-6 | 38 29.28 | -78 19.63 | 695.89 | 979965.789 | -15.63 | -39.37 |
| 186-A-7 | 38 29.30 | -78 16.70 | * 205.87 | 979968.754 | -14.60 | -37.64 |
| 186-A-8 | 38 28.80 | -78 15.00 | * 179.26 | 979974.581 | -16.26 | -36.32 |
| 186-A-9UE1 | 38 24.60 | -78 21.60 | * 229.21 | 979954.206 | -15.07 | -40.72 |
| 186-A-10UE2 | 38 23.30 | -78 17.20 | * 190.50 | 979967.438 | -11.89 | -33.20 |
| 186-A-11UE3 | 38 24.30 | -78 16.00 | * 173.43 | 979971.980 | -14.07 | -33.48 |
| 186-A-12UE4 | 38 24.70 | -78 16.90 | * 190.81 | 979968.790 | -12.49 | -33.84 |
| 186-A-13UE5 | 38 26.40 | -78 18.00 | * 194.46 | 979967.491 | -15.15 | -36.91 |
| 186-A-14UE6 | 38 29.60 | -78 18.20 | * 213.67 | 979967.917 | -13.48 | -37.39 |
| 186-A-15UE7 | 38 29.80 | -78 21.00 | * 254.81 | 979954.423 | -14.57 | -43.08 |
| 186-A-16UE8 | 38 29.80 | -78 22.20 | * 391.36 | 979926.648 | -0.20 | -44.00 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 186-A-17 | 38 27,40 | -78 21,70 | * 482,77 | 979909,937 | 14,81 | -39,21 |
| 186-A-18 | 38 22,92 | -78 15,37 | 588,84 | 979968,651 | -13,51 | -33,60 |
| 186-A-19 | 38 28,18 | -78 15,12 | 568,85 | 979973,708 | -18,05 | -37,45 |
| 186-B-1 | 38 25,20 | -78 29,30 | * 952,02 | 979807,933 | 60,84 | -45,69 |
| 186-B-2 | 38 26,40 | -78 28,80 | *1035,12 | 979789,428 | 66,22 | -49,61 |
| 186-B-3 | 38 27,80 | -78 27,70 | * 986,00 | 979804,393 | 63,98 | -46,35 |
| 186-B-4 | 38 28,70 | -78 27,40 | *1001,52 | 979802,910 | 65,97 | -46,10 |
| 186-B-5 | 38 27,10 | -78 27,90 | *1028,78 | 979791,571 | 65,38 | -49,74 |
| 186-B-6 | 38 27,90 | -78 22,80 | * 471,52 | 979910,365 | 11,03 | -41,73 |
| 186-B-7 | 38 30,00 | -78 24,60 | * 834,79 | 979844,822 | 54,52 | -38,89 |
| 186-B-8 | 38 25,50 | -78 25,20 | * 560,42 | 979887,326 | 18,94 | -43,77 |
| 186-C-1 | 38 17,80 | -78 26,40 | * 203,54 | 979943,636 | -23,62 | -46,40 |
| 186-C-2 | 38 19,70 | -78 28,60 | * 408,27 | 979906,164 | -0,69 | -46,37 |
| 186-C-3 | 38 17,00 | -78 25,20 | * 208,22 | 979943,963 | -20,68 | -43,98 |
| 186-C-4 | 38 21,00 | -78 24,60 | * 227,73 | 979945,057 | -19,41 | -44,89 |
| 186-C-5 | 38 19,30 | -78 28,70 | * 323,69 | 979923,067 | -9,30 | -45,52 |
| 186-C-6 | 38 18,02 | -78 27,80 | 640,92 | 979945,044 | -25,04 | -46,90 |
| 186-C-7 | 38 15,20 | -78 26,90 | * 190,89 | 979943,436 | -23,92 | -45,28 |
| 186-C-8UE1 | 38 15,20 | -78 28,40 | * 172,82 | 979946,471 | -26,46 | -45,80 |
| 186-C-9UE2 | 38 15,40 | -78 23,90 | * 213,97 | 979944,111 | -16,42 | -40,36 |
| 186-C-10UE3 | 38 15,80 | -78 22,60 | * 193,24 | 979951,353 | -16,16 | -37,78 |
| 186-C-11UE4 | 38 16,70 | -78 24,80 | * 210,01 | 979944,330 | -19,32 | -42,82 |
| 186-C-12UE5 | 38 17,10 | -78 23,60 | * 187,76 | 979950,891 | -20,21 | -41,22 |
| 186-C-13UE6 | 38 16,80 | -78 26,70 | * 182,27 | 979947,531 | -24,83 | -45,22 |
| 186-C-14UE7 | 38 16,70 | -78 29,20 | * 190,50 | 979943,486 | -26,19 | -47,50 |
| 186-C-15UE8 | 38 18,00 | -78 29,20 | * 226,16 | 979937,206 | -23,36 | -48,67 |
| 186-C-16UE9 | 38 19,80 | -78 29,40 | * 391,97 | 979909,006 | -3,02 | -46,89 |
| 186-C-17UE10 | 38 20,50 | -78 27,50 | * 236,83 | 979941,167 | -19,76 | -46,26 |
| 186-C-18UE11 | 38 22,10 | -78 26,70 | * 275,84 | 979934,515 | -16,72 | -47,58 |
| 186-C-19UE12 | 38 22,20 | -78 25,70 | * 236,83 | 979943,401 | -20,02 | -46,52 |
| 186-C-20UE13 | 38 20,50 | -78 25,10 | * 220,98 | 979944,435 | -21,39 | -46,11 |
| 186-C-21UE14 | 38 21,20 | -78 23,20 | * 202,39 | 979950,925 | -21,66 | -44,31 |
| 186-C-22UE15 | 38 19,80 | -78 22,80 | * 200,25 | 979953,154 | -18,04 | -40,45 |
| 186-C-23UE16 | 38 19,20 | -78 23,80 | * 199,03 | 979949,004 | -21,69 | -43,96 |
| 186-C-24UE17 | 38 18,20 | -78 22,90 | * 189,89 | 979951,816 | -20,24 | -41,48 |
| 186-C-25UE18 | 38 19,80 | -78 26,20 | * 204,22 | 979946,957 | -23,01 | -45,87 |
| 186-C-25 | 38 17,60 | -78 25,60 | * 203,67 | 979945,410 | -21,51 | -44,30 |
| 186-C-26 | 38 15,02 | -78 24,18 | 808,26 | 979937,136 | -12,84 | -40,40 |
| 186-C-27 | 38 15,67 | -78 24,45 | 673,71 | 979945,145 | -18,43 | -41,41 |
| 186-C-28 | 38 19,83 | -78 29,45 | 1285,72 | 979908,988 | -3,12 | -46,97 |
| 186-C-29 | 38 18,78 | -78 28,48 | 824,03 | 979936,139 | -17,86 | -45,96 |
| 186-C-30UE19 | 38 16,73 | -78 27,55 | 644,00 | 979943,568 | -24,36 | -46,33 |
| 186-C-31UE20 | 38 15,75 | -78 26,43 | 619,00 | 979945,682 | -23,16 | -44,28 |
| 186-C-32UE21 | 38 18,83 | -78 25,73 | 618,00 | 979948,611 | -24,84 | -45,92 |
| 186-C-33UE22 | 38 19,63 | -78 27,10 | 765,00 | 979940,671 | -20,12 | -46,21 |
| 186-C-34UE23 | 38 19,45 | -78 24,72 | 694,00 | 979945,660 | -21,54 | -45,21 |
| 186-C-35UE24 | 38 20,13 | -78 23,58 | 653,00 | 979950,499 | -21,56 | -43,83 |
| 186-D-1 | 38 22,10 | -78 18,90 | * 205,02 | 979958,841 | -14,24 | -37,18 |
| 186-D-2 | 38 20,90 | -78 19,60 | * 205,47 | 979958,558 | -12,63 | -35,63 |
| 186-D-3 | 38 19,70 | -78 20,10 | * 189,09 | 979959,022 | -15,44 | -36,62 |
| 186-D-4 | 38 16,80 | -78 20,43 | 465,04 | 979962,169 | -22,70 | -38,56 |
| 186-D-5 | 38 17,23 | -78 16,45 | 593,52 | 979958,634 | -14,76 | -35,01 |
| 186-D-6 | 38 16,62 | -78 15,30 | 540,29 | 979963,945 | -13,57 | -32,00 |
| 186-D-7 | 38 18,48 | -78 16,40 | 583,73 | 979961,668 | -14,50 | -34,41 |
| 186-D-8 | 38 20,85 | -78 16,20 | 581,88 | 979963,678 | -16,14 | -35,98 |
| 186-D-9 | 38 17,73 | -78 20,53 | 513,91 | 979962,534 | -19,08 | -36,60 |
| 186-D-10 | 38 18,90 | -78 20,90 | * 189,43 | 979956,476 | -16,74 | -37,94 |
| 186-D-11UE1 | 38 16,70 | -78 21,70 | * 183,49 | 979955,205 | -16,63 | -37,16 |
| 186-D-12UE2 | 38 16,20 | -78 19,50 | * 156,06 | 979958,200 | -21,37 | -38,83 |
| 186-D-13UE3 | 38 15,60 | -78 18,20 | * 176,17 | 979955,827 | -16,66 | -36,37 |
| 186-D-14UE4 | 38 15,60 | -78 16,80 | * 153,62 | 979962,869 | -16,58 | -33,77 |
| 186-D-15UE5 | 38 16,60 | -78 18,50 | * 160,02 | 979959,305 | -19,63 | -37,53 |
| 186-D-16 | 38 20,47 | -78 15,58 | 573,49 | 979966,353 | -13,69 | -33,25 |
| 186-D-17UE6 | 38 18,90 | -78 17,40 | * 191,72 | 979958,935 | -13,58 | -35,03 |
| 186-D-18UE7 | 38 21,00 | -78 18,10 | * 203,91 | 979958,638 | -13,18 | -36,00 |
| 186-D-19UE8 | 38 21,30 | -78 20,90 | * 228,30 | 979950,315 | -14,42 | -39,97 |
| 186-D-20UE9 | 38 22,40 | -78 22,50 | * 209,70 | 979951,146 | -20,94 | -44,40 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 186-D-21UE10 | 38 22,00 | -78 16,40 | * 215,19 | 979958,496 | -11,31 | -35,39 |
| 186-D-22 | 38 18,97 | -78 18,80 | 640,75 | 979956,271 | -15,23 | -37,09 |
| 186-D-23UE11 | 38 19,27 | -78 18,52 | 656,00 | 979956,444 | -14,07 | -36,44 |
| 186-D-24 | 38 20,12 | -78 17,70 | 586,67 | 979963,068 | -15,21 | -35,22 |
| 186-D-25UE12 | 38 19,83 | -78 16,30 | 586,00 | 979964,883 | -13,04 | -33,03 |
| 186-D-26UE13 | 38 19,50 | -78 15,83 | 553,00 | 979966,719 | -13,82 | -32,68 |
| 186-D-27UE14 | 38 15,15 | -78 17,00 | 533,00 | 979961,040 | -15,02 | -33,20 |
| 186-D-28UE15 | 38 16,67 | -78 19,20 | 539,00 | 979958,407 | -19,31 | -37,69 |
| 186-D-29UE16 | 38 17,02 | -78 17,07 | 571,00 | 979958,964 | -16,25 | -35,72 |
| 186-D-30UE17 | 38 16,10 | -78 15,02 | 515,00 | 979966,638 | -12,50 | -30,07 |
| 186-D-31UE18 | 38 19,90 | -78 20,77 | 603,00 | 979958,991 | -17,43 | -37,99 |
| 186-D-32UE19 | 38 20,12 | -78 21,98 | 544,00 | 979960,280 | -22,01 | -40,56 |
| 186-D-33 | 38 21,90 | -78 16,15 | 627,91 | 979963,012 | -13,99 | -35,41 |
| 186-D-34 | 38 16,37 | -78 21,38 | 558,83 | 979958,177 | -17,23 | -36,29 |
| 186-D-35 | 38 15,70 | -78 21,45 | 494,90 | 979958,739 | -21,71 | -38,59 |
| 186-D-36 | 38 18,60 | -78 19,23 | 607,34 | 979958,211 | -15,90 | -36,61 |
| 186-D-37 | 38 17,57 | -78 19,93 | 601,79 | 979955,671 | -17,45 | -37,98 |
| 185-A-1 | 38 27,40 | -78 7,00 | * 178,64 | 979989,185 | 0,20 | -19,79 |
| 185-A-2 | 38 28,50 | -78 7,50 | * 197,66 | 979983,958 | -0,77 | -22,89 |
| 185-A-3 | 38 29,00 | -78 0,80 | * 139,45 | 980013,859 | 10,43 | -5,17 |
| 185-A-4 | 38 29,40 | -78 1,70 | * 145,78 | 980008,918 | 6,87 | -9,45 |
| 185-A-5 | 38 26,10 | -78 4,00 | * 163,10 | 980000,214 | 8,34 | -9,92 |
| 185-A-6 | 38 24,60 | -78 1,80 | * 115,89 | 980027,362 | 23,06 | 10,09 |
| 185-A-7 | 38 24,60 | -78 0,60 | * 123,02 | 980034,306 | 32,26 | 18,49 |
| 185-A-8 | 38 22,90 | -78 0,70 | * 98,50 | 980037,271 | 30,14 | 19,12 |
| 185-A-9 | 38 22,90 | -78 5,60 | * 144,34 | 979998,357 | 5,37 | -10,78 |
| 185-A-10 | 38 26,93 | -78 5,43 | 588,18 | 979993,542 | 5,44 | -14,62 |
| 185-A-11 | 38 27,07 | -78 4,93 | 587,00 | 979994,255 | 5,84 | -14,18 |
| 185-A-12 | 38 27,43 | -78 3,05 | 461,97 | 980007,312 | 6,60 | -9,15 |
| 185-A-13 | 38 27,52 | -78 0,78 | 422,52 | 980023,429 | 18,89 | 4,48 |
| 185-A-14UE1 | 38 22,62 | -78 1,72 | 307,00 | 980030,578 | 22,34 | 11,87 |
| 185-A-15UE2 | 38 22,95 | -78 3,05 | 389,00 | 980017,765 | 16,76 | 3,49 |
| 185-A-16UE3 | 38 24,65 | -78 3,38 | 421,00 | 980011,818 | 11,33 | -3,03 |
| 185-A-17UE4 | 38 25,13 | -78 5,13 | 544,00 | 979995,435 | 5,81 | -12,74 |
| 185-A-18UE5 | 38 26,00 | -78 6,57 | 560,00 | 979991,701 | 2,31 | -16,79 |
| 185-B-1 | 38 23,30 | -78 11,50 | * 149,86 | 979982,012 | -9,85 | -26,62 |
| 185-B-2 | 38 26,20 | -78 8,30 | * 170,51 | 979987,294 | -2,44 | -21,52 |
| 185-B-3 | 38 25,28 | -78 13,87 | 452,53 | 979980,144 | -18,32 | -33,75 |
| 185-B-4 | 38 26,50 | -78 14,30 | * 159,25 | 979977,087 | -16,56 | -34,38 |
| 185-B-5 | 38 27,40 | -78 14,50 | * 184,67 | 979970,855 | -16,26 | -36,93 |
| 185-B-6 | 38 28,80 | -78 14,00 | * 220,57 | 979965,947 | -12,14 | -36,82 |
| 185-B-7 | 38 29,00 | -78 12,80 | * 205,56 | 979970,133 | -12,88 | -35,88 |
| 185-B-8 | 38 29,60 | -78 8,10 | * 184,98 | 979985,215 | -5,04 | -25,73 |
| 185-B-9 | 38 24,20 | -78 13,10 | * 162,86 | 979976,613 | -12,56 | -30,78 |
| 185-B-10UE1 | 38 26,10 | -78 11,00 | * 195,38 | 979975,315 | -6,60 | -28,46 |
| 185-B-11UE2 | 38 27,80 | -78 9,70 | * 191,72 | 979979,990 | -5,54 | -27,00 |
| 185-B-12UE3 | 38 24,40 | -78 7,90 | * 166,73 | 979987,997 | -0,27 | -18,93 |
| 185-B-13UE4 | 38 24,10 | -78 9,70 | * 158,19 | 979984,699 | -5,77 | -23,47 |
| 185-B-14 | 38 23,75 | -78 14,08 | 527,68 | 979974,332 | -14,80 | -32,80 |
| 185-B-15 | 38 24,17 | -78 12,22 | 550,00 | 979976,785 | -10,86 | -29,62 |
| 185-B-16 | 38 25,05 | -78 12,03 | 581,87 | 979975,227 | -10,71 | -30,56 |
| 185-B-17 | 38 26,07 | -78 9,28 | 521,60 | 979986,482 | -6,62 | -24,41 |
| 185-B-18 | 38 26,62 | -78 7,90 | 456,39 | 979994,893 | -5,14 | -20,71 |
| 185-B-19 | 38 25,65 | -78 10,38 | 614,19 | 979978,335 | -5,44 | -26,39 |
| 185-B-20 | 38 25,20 | -78 11,75 | 578,26 | 979976,438 | -10,06 | -29,79 |
| 185-B-21UE5 | 38 25,80 | -78 12,78 | 519,00 | 979979,384 | -13,57 | -31,27 |
| 185-B-22UE6 | 38 27,87 | -78 11,97 | 576,00 | 979979,994 | -10,62 | -30,27 |
| 185-C-1 | 38 17,20 | -78 8,40 | * 110,58 | 979996,516 | 1,46 | -10,92 |
| 185-C-2 | 38 17,40 | -78 9,70 | * 117,28 | 979990,664 | -2,62 | -15,75 |
| 185-C-3 | 38 16,60 | -78 10,90 | * 108,73 | 979986,830 | -7,92 | -20,09 |
| 185-C-4 | 38 15,90 | -78 12,30 | * 130,00 | 979977,441 | -9,73 | -24,27 |
| 185-C-5 | 38 15,60 | -78 13,90 | * 160,68 | 979967,661 | -9,60 | -27,58 |
| 185-C-6 | 38 19,60 | -78 14,00 | * 182,65 | 979966,493 | -9,84 | -30,28 |
| 185-C-7 | 38 18,60 | -78 12,10 | * 146,59 | 979973,386 | -12,61 | -29,01 |
| 185-C-8 | 38 20,60 | -78 12,10 | * 195,16 | 979968,533 | -5,40 | -27,24 |
| 185-C-9 | 38 22,10 | -78 10,60 | * 161,59 | 979980,011 | -6,48 | -24,56 |
| 185-C-10 | 38 22,10 | -78 9,20 | * 148,24 | 979986,436 | -4,17 | -20,76 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 185-C-11 | 38 17,80 | -78 14,20 | * 173,38 | 979964,535 | -12,03 | -31,43 |
| 185-C-12UE1 | 38 20,00 | -78 9,90 | * 159,41 | 979980,997 | -3,09 | -20,93 |
| 185-C-13UE2 | 38 21,90 | -78 14,70 | * 182,58 | 979966,896 | -12,83 | -33,26 |
| 185-C-14 | 38 22,40 | -78 12,37 | 426,45 | 979982,665 | -14,02 | -28,56 |
| 185-C-15UE3 | 38 19,77 | -78 7,68 | 423,00 | 979992,989 | -0,17 | -14,59 |
| 185-C-16UE4 | 38 17,95 | -78 8,15 | 416,00 | 979993,694 | 2,54 | -11,65 |
| 185-C-17UE5 | 38 18,73 | -78 10,67 | 479,00 | 979981,078 | -5,30 | -21,64 |
| 185-C-18UE6 | 38 19,52 | -78 10,12 | 494,00 | 979982,436 | -3,68 | -20,52 |
| 185-C-19UE7 | 38 21,23 | -78 10,37 | 503,00 | 979981,457 | -6,32 | -23,47 |
| 185-D-1 | 38 16,10 | -78 7,50 | * 137,45 | 979999,712 | 14,55 | -0,83 |
| 185-D-2 | 38 17,67 | -78 1,10 | 468,73 | 980014,957 | 29,15 | 13,17 |
| 185-D-3 | 38 18,70 | -78 0,20 | * 329,70 | 979982,661 | 53,03 | 16,13 |
| 185-D-4 | 38 18,20 | -78 0,30 | * 226,70 | 980001,032 | 40,34 | 14,97 |
| 185-D-5 | 38 17,30 | -78 0,10 | * 120,54 | 980008,596 | 16,46 | 2,97 |
| 185-D-6 | 38 21,30 | -78 6,70 | * 101,06 | 980002,570 | -1,43 | -12,74 |
| 185-D-7 | 38 20,40 | -78 5,60 | * 94,70 | 980011,929 | 7,28 | -3,31 |
| 185-D-8 | 38 15,43 | -78 1,72 | 456,03 | 979997,536 | 13,85 | -1,70 |
| 185-D-9UE1 | 38 19,65 | -78 6,15 | 359,00 | 980005,470 | 6,46 | -5,78 |
| 185-D-10 | 38 18,53 | -78 4,25 | 321,41 | 980020,053 | 19,15 | 8,18 |
| 185-D-13UE4 | 38 17,18 | -78 3,55 | 392,00 | 980016,364 | 24,07 | 10,70 |
| 185-D-14UE5 | 38 16,22 | -78 2,70 | 627,00 | 979998,038 | 29,26 | 7,88 |
| 185-D-15UE6 | 38 17,32 | -78 5,25 | 429,00 | 980009,754 | 20,75 | 6,11 |
| 185-D-16UE7 | 38 19,73 | -78 3,35 | 342,00 | 980022,859 | 22,13 | 10,47 |
| 185-D-17UE8 | 38 20,92 | -78 2,67 | 354,00 | 980027,613 | 26,29 | 14,21 |
| 185-D-18UE9 | 38 15,35 | -78 5,13 | 460,00 | 980003,352 | 20,13 | 4,44 |
| 175-A-1 | 38 9,30 | -78 50,60 | * 396,55 | 979878,570 | -16,70 | -61,08 |
| 175-A-2 | 38 12,20 | -78 50,30 | * 361,93 | 979891,482 | -18,71 | -59,21 |
| 175-A-3 | 38 9,20 | -78 46,20 | * 906,11 | 979785,279 | 47,41 | -53,99 |
| 175-A-4 | 38 10,70 | -78 45,70 | * 831,09 | 979801,765 | -38,55 | -54,45 |
| 175-A-5 | 38 12,40 | -78 45,00 | * 707,30 | 979828,583 | 24,68 | -54,47 |
| 175-A-6 | 38 7,80 | -78 47,10 | * 800,07 | 979808,360 | 39,80 | -49,72 |
| 175-A-7 | 38 9,50 | -78 51,10 | * 373,62 | 979884,480 | -18,16 | -59,97 |
| 175-A-8 | 38 8,90 | -78 49,67 | 1389,97 | 979873,873 | -12,45 | -59,86 |
| 175-A-9 | 38 9,68 | -78 52,12 | 1234,33 | 979887,106 | -15,00 | -57,10 |
| 175-A-10 | 38 12,88 | -78 51,58 | 1232,17 | 979889,101 | -17,88 | -59,91 |
| 175-B-1 | 38 13,32 | -78 59,65 | 1303,52 | 979886,276 | -14,63 | -59,09 |
| 175-B-2 | 38 13,90 | -78 58,82 | 1317,50 | 979886,505 | -13,94 | -58,87 |
| 175-B-3 | 38 14,25 | -78 58,52 | 1293,56 | 979888,476 | -14,73 | -58,85 |
| 175-B-4 | 38 9,57 | -78 56,72 | 1362,77 | 979878,841 | -11,01 | -57,49 |
| 175-B-5 | 38 9,00 | -78 56,80 | 1335,95 | 979879,584 | -11,97 | -57,53 |
| 175-B-6 | 38 8,15 | -78 57,23 | 1388,57 | 979875,584 | -9,77 | -57,13 |
| 175-B-7 | 38 8,48 | -78 54,85 | 1329,21 | 979878,467 | -12,96 | -58,30 |
| 175-B-8 | 38 10,75 | -78 55,03 | 1274,47 | 979884,687 | -15,20 | -58,67 |
| 175-B-9 | 38 10,43 | -78 53,50 | 1270,05 | 979885,944 | -13,90 | -57,21 |
| 175-B-10 | 38 12,83 | -78 53,97 | 1228,34 | 979890,277 | -16,99 | -58,89 |
| 175-B-11 | 38 14,07 | -78 52,57 | 1136,97 | 979898,376 | -19,29 | -58,07 |
| 175-B-12 | 38 14,85 | -78 53,53 | 1188,93 | 979894,531 | -19,39 | -59,94 |
| 175-B-13 | 38 14,75 | -78 54,38 | 1192,49 | 979895,217 | -18,23 | -58,90 |
| 175-B-14 | 38 14,80 | -78 56,10 | 1240,79 | 979892,013 | -16,96 | -59,28 |
| 175-C-1 | 38 5,03 | -78 56,03 | 1425,73 | 979872,325 | -4,96 | -53,59 |
| 175-C-2 | 38 6,35 | -78 58,92 | 1407,46 | 979872,352 | -8,64 | -56,64 |
| 175-C-3 | 38 4,18 | -78 52,52 | 1327,36 | 979870,927 | -14,41 | -59,69 |
| 175-C-4 | 38 0,85 | -78 52,97 | 2251,78 | 979821,065 | 27,55 | -49,25 |
| 175-C-5 | 38 3,97 | -78 52,72 | 1304,66 | 979872,284 | -14,86 | -59,36 |
| 175-C-6 | 38 4,15 | -78 53,23 | 1289,53 | 979877,791 | -11,05 | -55,03 |
| 175-C-7 | 38 4,70 | -78 55,18 | 1417,50 | 979872,057 | -5,54 | -53,89 |
| 175-C-8 | 38 5,88 | -78 58,13 | 1331,63 | 979878,386 | -9,02 | -54,44 |
| 175-C-9 | 38 5,53 | -78 57,22 | 1398,64 | 979874,561 | -6,03 | -53,73 |
| 175-C-10 | 38 6,80 | -78 58,45 | 1501,15 | 979866,969 | -5,83 | -57,03 |
| 175-C-11 | 38 6,83 | -78 56,28 | 1329,60 | 979880,003 | -8,98 | -54,33 |
| 175-C-12 | 38 5,97 | -78 56,12 | 1382,45 | 979875,002 | -7,74 | -54,90 |
| 175-C-13 | 38 2,50 | -78 59,75 | 1467,07 | 979863,580 | -6,15 | -56,19 |
| 175-D-1 | 38 2,20 | -78 45,50 | * 201,51 | 979919,564 | -25,53 | -48,08 |
| 175-D-2 | 38 1,90 | -78 48,80 | * 271,68 | 979909,947 | -13,06 | -43,46 |
| 175-D-3 | 38 1,90 | -78 51,50 | * 579,76 | 979845,756 | 17,82 | -47,05 |
| 175-D-4 | 38 3,10 | -78 50,40 | * 682,80 | 979823,231 | 25,35 | -51,06 |
| 175-D-5 | 38 6,00 | -78 49,80 | * 426,07 | 979869,901 | -11,44 | -59,12 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 175-D-6 | 38 3.70 | -78 48.30 | * 785.94 | 979812.152 | 45.22 | -42.73 |
| 175-D-7 | 38 4.70 | -78 48.20 | * 755.27 | 979814.508 | 36.65 | -47.86 |
| 175-D-8 | 38 5.80 | -78 46.90 | * 662.38 | 979837.660 | 29.54 | -44.58 |
| 175-D-9 | 38 2.00 | -78 51.50 | * 583.02 | 979845.093 | 18.02 | -47.22 |
| 175-D-10 | 38 2.10 | -78 45.70 | * 221.09 | 979915.586 | -23.32 | -48.06 |
| 175-D-11 | 38 1.90 | -78 46.80 | * 228.44 | 979915.251 | -21.10 | -46.66 |
| 175-D-12 | 38 1.90 | -78 48.50 | * 285.78 | 979906.023 | -12.63 | -44.61 |
| 175-D-13-UE 1 | 38 0.70 | -78 48.40 | * 248.41 | 979911.425 | -17.01 | -44.81 |
| 175-D-14 | 38 0.38 | -78 50.17 | 831.47 | 979912.537 | -13.89 | -42.25 |
| 175-D-15 | 38 1.05 | -78 50.62 | 853.78 | 979910.950 | -14.35 | -43.47 |
| 175-D-16 | 38 1.80 | -78 50.65 | 1167.77 | 979891.680 | -5.18 | -45.01 |
| 175-D-17 | 38 1.98 | -78 50.32 | 1374.85 | 979881.059 | 3.41 | -43.48 |
| 175-D-18 | 38 2.23 | -78 50.30 | 1590.23 | 979867.149 | 9.39 | -44.84 |
| 175-D-19 | 38 2.60 | -78 51.42 | 1660.35 | 979856.314 | 4.62 | -52.01 |
| 175-D-20 | 38 3.00 | -78 52.13 | 1382.19 | 979867.747 | -10.69 | -57.84 |
| 174-A-1 | 38 12.50 | -78 34.70 | * 191.66 | 979933.934 | -29.24 | -50.69 |
| 174-A-2 | 38 11.90 | -78 30.10 | * 141.14 | 979948.200 | -29.68 | -45.48 |
| 174-A-3 | 38 13.30 | -78 31.50 | * 187.16 | 979939.126 | -26.60 | -47.55 |
| 174-A-4 | 38 14.20 | -78 32.60 | * 185.79 | 979937.751 | -29.71 | -50.50 |
| 174-A-5 | 38 14.60 | -78 34.50 | * 223.55 | 979928.874 | -27.53 | -52.54 |
| 174-A-6 | 38 14.20 | -78 35.90 | * 229.11 | 979926.498 | -27.60 | -53.24 |
| 174-A-7 | 38 9.30 | -78 34.00 | * 178.42 | 979935.187 | -27.40 | -47.36 |
| 174-A-8 | 38 9.40 | -78 34.70 | * 178.01 | 979935.040 | -27.82 | -47.74 |
| 174-A-9 | 38 9.70 | -78 35.50 | * 177.86 | 979935.576 | -27.76 | -47.67 |
| 174-A-10 | 38 10.60 | -78 35.90 | * 197.26 | 979933.087 | -25.58 | -47.65 |
| 174-A-11 | 38 9.10 | -78 33.70 | * 179.57 | 979934.575 | -27.36 | -47.46 |
| 174-A-12 | 38 7.80 | -78 33.00 | * 129.63 | 979946.320 | -29.13 | -43.64 |
| 174-A-13 | 38 9.40 | -78 33.10 | * 170.26 | 979937.889 | -27.36 | -46.41 |
| 174-A-14 | 38 9.60 | -78 31.30 | * 183.48 | 979937.012 | -24.45 | -44.98 |
| 174-A-15-UE 1 | 38 8.10 | -78 36.50 | * 185.32 | 979932.192 | -26.51 | -47.25 |
| 174-A-16UE2 | 38 14.47 | -78 30.63 | 633.00 | 979938.677 | -26.98 | -48.57 |
| 174-A-17UE3 | 38 13.73 | -78 30.27 | 634.00 | 979938.223 | -26.27 | -47.89 |
| 174-B-1 | 38 10.90 | -78 37.80 | * 241.81 | 979917.973 | -27.39 | -54.44 |
| 174-B-2 | 38 14.80 | -78 41.70 | * 876.01 | 979797.270 | 41.93 | -56.10 |
| 174-B-3 | 38 13.80 | -78 43.60 | * 850.20 | 979801.346 | 39.50 | -55.64 |
| 174-B-4 | 38 12.60 | -78 44.20 | * 846.26 | 979801.496 | 40.19 | -54.51 |
| 174-B-5 | 38 10.10 | -78 40.50 | * 223.16 | 979922.337 | -27.61 | -52.58 |
| 174-B-6 | 38 12.20 | -78 40.30 | * 288.73 | 979910.294 | -22.48 | -54.79 |
| 174-B-7 | 38 13.60 | -78 37.50 | * 232.76 | 979924.978 | -27.12 | -53.16 |
| 174-B-8 | 38 12.90 | -78 39.10 | * 303.95 | 979906.752 | -22.35 | -56.36 |
| 174-B-9 | 38 14.97 | -78 43.02 | 2412.40 | 979825.516 | 26.50 | -55.78 |
| 174-B-10 | 38 13.97 | -78 41.43 | 1970.83 | 979850.557 | 11.47 | -55.75 |
| 174-C-1 | 38 4.20 | -78 39.90 | * 200.23 | 979926.980 | -21.43 | -43.84 |
| 174-C-2 | 38 4.30 | -78 44.90 | * 288.78 | 979902.443 | -18.79 | -51.10 |
| 174-C-3 | 38 7.10 | -78 39.70 | * 219.92 | 979922.819 | -23.74 | -48.34 |
| 174-C-4 | 38 5.00 | -78 42.10 | * 219.99 | 979917.544 | -25.94 | -50.56 |
| 174-C-5 | 38 4.10 | -78 40.00 | * 207.74 | 979928.061 | -17.88 | -41.13 |
| 174-C-6 | 38 3.60 | -78 37.60 | * 195.48 | 979930.901 | -18.10 | -39.97 |
| 174-C-7 | 38 3.10 | -78 42.20 | * 211.08 | 979920.989 | -22.47 | -46.09 |
| 174-C-8 | 38 2.90 | -78 43.30 | * 224.99 | 979916.441 | -22.43 | -47.61 |
| 174-C-9 | 38 2.40 | -78 44.40 | * 192.64 | 979921.649 | -26.47 | -48.03 |
| 174-C-10 | 38 3.20 | -78 40.10 | * 193.73 | 979927.510 | -21.44 | -43.12 |
| 174-C-11 | 38 1.60 | -78 38.00 | * 214.43 | 979925.153 | -15.08 | -39.07 |
| 174-C-12 | 38 0.70 | -78 42.10 | * 170.87 | 979929.739 | -22.62 | -41.74 |
| 174-C-13 | 38 0.70 | -78 44.90 | * 205.14 | 979920.046 | -21.74 | -44.70 |
| 174-C-14 | 38 1.70 | -78 42.40 | * 214.55 | 979920.257 | -20.09 | -44.09 |
| 174-C-15-UE 1 | 38 6.90 | -78 38.20 | * 197.82 | 979929.729 | -23.36 | -45.50 |
| 174-C-16-UE 2 | 38 5.40 | -78 39.50 | * 200.25 | 979928.585 | -21.57 | -43.97 |
| 174-D-1 BASE | 38 2.12 | -78 30.95 | 594.02 | 979933.558 | -17.73 | -37.99 |
| 174-D-2 | 38 3.40 | -78 36.00 | * 166.20 | 979937.894 | -19.86 | -38.45 |
| 174-D-3 | 38 1.00 | -78 32.50 | * 139.23 | 979943.685 | -18.88 | -34.46 |
| 174-D-4 | 38 3.80 | -78 30.80 | * 180.79 | 979932.581 | -21.24 | -41.47 |
| 174-D-5 | 38 4.80 | -78 32.30 | * 172.32 | 979937.435 | -20.46 | -39.75 |
| 174-D-6 | 38 5.10 | -78 32.70 | * 178.45 | 979936.136 | -20.31 | -40.28 |
| 174-D-7 | 38 6.70 | -78 32.80 | * 194.79 | 979934.049 | -19.69 | -41.48 |
| 174-D-8 | 38 6.90 | -78 31.70 | * 180.47 | 979935.802 | -22.64 | -42.84 |
| 174-D-9 | 38 7.00 | -78 31.00 | * 168.33 | 979939.460 | -22.88 | -41.71 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 174-D-10 | 38 6.10 | -78 34.40 | *196.73 | 979931.286 | -20.98 | -42.99 |
| 174-D-11 | 38 3.90 | -78 35.30 | *157.13 | 979940.682 | -20.59 | -38.17 |
| 174-D-12 | 38 3.30 | -78 34.60 | *156.24 | 979940.389 | -20.28 | -37.76 |
| 174-D-13 | 38 3.60 | -78 36.50 | *175.43 | 979936.122 | -19.06 | -38.70 |
| 174-D-14 | 38 3.40 | -78 36.40 | *189.83 | 979933.325 | -17.12 | -38.37 |
| 174-D-15 | 38 2.00 | -78 36.20 | *176.44 | 979934.817 | -17.72 | -37.47 |
| 174-D-16-UE 1 | 38 6.10 | -78 36.00 | *178.00 | 979935.177 | -22.86 | -42.78 |
| 173-A-1 | 38 13.70 | -78 21.10 | *187.57 | 979948.351 | -17.83 | -38.83 |
| 173-A-2 | 38 12.10 | -78 19.20 | *173.78 | 979953.526 | -14.58 | -34.02 |
| 173-A-3 | 38 7.80 | -78 15.10 | *177.25 | 979973.449 | 12.70 | -7.14 |
| 173-A-4-UE1 | 38 8.20 | -78 21.50 | *160.93 | 979947.742 | -18.63 | -36.64 |
| 173-A-5-UE2 | 38 10.40 | -78 20.90 | *147.22 | 979953.172 | -20.65 | -37.12 |
| 173-A-6-UE3 | 38 9.50 | -78 18.60 | *172.52 | 979957.533 | -7.16 | -26.47 |
| 173-A-7 | 38 10.10 | -78 16.90 | *163.78 | 979965.355 | -2.91 | -21.24 |
| 173-A-8 | 38 9.30 | -78 15.00 | *200.30 | 979971.422 | 15.59 | -6.83 |
| 173-A-9 | 38 14.30 | -78 16.20 | *137.51 | 979967.373 | -15.14 | -30.53 |
| 173-A-10 | 38 15.00 | -78 19.10 | *180.63 | 979953.122 | -17.11 | -37.32 |
| 173-A-11UE4 | 38 12.50 | -78 21.70 | *136.55 | 979956.845 | -23.34 | -38.62 |
| 173-A-12UE5 | 38 14.40 | -78 21.80 | *185.32 | 979948.689 | -19.22 | -39.96 |
| 173-A-13UE6 | 38 14.40 | -78 20.20 | *176.17 | 979952.369 | -18.36 | -38.08 |
| 173-A-14UE7 | 38 13.80 | -78 19.80 | *178.61 | 979951.621 | -17.48 | -37.47 |
| 173-A-15UE8 | 38 13.50 | -78 18.90 | *160.33 | 979957.821 | -16.49 | -34.43 |
| 173-A-16UE9 | 38 13.50 | -78 17.70 | *180.44 | 979955.308 | -12.79 | -32.98 |
| 173-A-17UE10 | 38 12.30 | -78 15.10 | *139.29 | 979972.315 | -6.73 | -22.32 |
| 173-A-18 | 38 10.90 | -78 17.50 | *158.51 | 979961.429 | -9.64 | -27.38 |
| 173-A-19UE11 | 38 11.73 | -78 21.60 | 546.00 | 979949.357 | -20.49 | -39.11 |
| 173-A-20UE12 | 38 12.52 | -78 20.08 | 591.00 | 979950.691 | -16.06 | -36.22 |
| 173-A-21 | 38 13.00 | -78 20.75 | 576.20 | 979950.366 | -18.49 | -38.14 |
| 173-A-22UE13 | 38 13.33 | -78 21.92 | 573.00 | 979949.733 | -19.91 | -39.45 |
| 173-A-23 | 38 11.55 | -78 18.13 | 541.93 | 979957.391 | -12.57 | -31.05 |
| 173-A-24 | 38 12.55 | -78 20.13 | 588.98 | 979951.119 | -15.88 | -35.96 |
| 173-A-25 | 38 14.07 | -78 22.03 | 635.48 | 979946.266 | -18.57 | -40.24 |
| 173-A-26 | 38 14.83 | -78 21.83 | 559.69 | 979952.453 | -20.63 | -39.72 |
| 173-B-1 | 38 8.30 | -78 27.00 | *193.24 | 979934.863 | -21.69 | -43.31 |
| 173-B-2 | 38 10.10 | -78 29.50 | *199.13 | 979937.014 | -20.33 | -42.63 |
| 173-B-3 | 38 7.60 | -78 25.10 | *162.66 | 979940.611 | -24.35 | -42.56 |
| 173-B-4 | 38 7.90 | -78 26.10 | *168.47 | 979940.368 | -23.24 | -42.09 |
| 173-B-5 | 38 8.00 | -78 27.50 | *192.76 | 979934.188 | -22.07 | -43.64 |
| 173-B-6 | 38 11.10 | -78 24.00 | *187.19 | 979940.509 | -22.00 | -42.94 |
| 173-B-7 | 38 9.40 | -78 23.70 | *157.10 | 979945.524 | -23.79 | -41.37 |
| 173-B-8 | 38 9.50 | -78 29.00 | *196.77 | 979934.143 | -23.07 | -45.09 |
| 173-B-9 | 38 10.10 | -78 28.10 | *146.29 | 979945.838 | -27.83 | -44.20 |
| 173-B-10 | 38 11.30 | -78 27.20 | *176.58 | 979942.473 | -23.60 | -43.36 |
| 173-B-11 | 38 11.40 | -78 26.20 | *158.70 | 979948.608 | -23.13 | -40.89 |
| 173-B-12 | 38 12.30 | -78 26.30 | *189.04 | 979942.747 | -20.94 | -42.09 |
| 173-B-13 | 38 14.20 | -78 23.20 | *204.19 | 979945.980 | -15.81 | -38.66 |
| 173-B-14 | 38 13.60 | -78 23.90 | *201.44 | 979945.319 | -16.44 | -38.98 |
| 173-B-15 | 38 12.90 | -78 25.60 | *188.95 | 979944.470 | -20.12 | -41.27 |
| 173-B-16 | 38 13.00 | -78 24.40 | *205.96 | 979943.346 | -16.15 | -39.19 |
| 173-B-17UE1 | 38 12.00 | -78 23.10 | *188.98 | 979941.620 | -21.65 | -42.80 |
| 173-B-18UE2 | 38 13.10 | -78 26.40 | *182.88 | 979946.997 | -19.76 | -40.23 |
| 173-B-19UE3 | 38 14.30 | -78 29.00 | *175.57 | 979944.020 | -26.75 | -46.40 |
| 173-B-20UE4 | 38 14.80 | -78 25.40 | *199.64 | 979944.944 | -19.13 | -41.47 |
| 173-B-21UE5 | 38 12.63 | -78 23.83 | 615.00 | 979944.399 | -20.27 | -41.25 |
| 173-B-22UE6 | 38 13.83 | -78 26.85 | 606.00 | 979945.353 | -21.92 | -42.58 |
| 173-B-23UE7 | 38 13.30 | -78 28.12 | 536.00 | 979945.623 | -27.45 | -45.73 |
| 173-C-1 | 38 0.80 | -78 22.70 | *129.34 | 979960.868 | -4.46 | -18.93 |
| 173-C-2 | 38 0.90 | -78 24.60 | * 98.53 | 979967.983 | -7.00 | -18.02 |
| 173-C-3 | 38 1.10 | -78 25.80 | *126.06 | 979962.119 | -4.65 | -18.76 |
| 173-C-4 | 38 2.00 | -78 25.60 | *248.25 | 979936.559 | 6.18 | -21.60 |
| 173-C-5 | 38 1.80 | -78 26.50 | *163.24 | 979951.693 | -4.63 | -22.89 |
| 173-C-6 | 38 0.70 | -78 28.50 | *102.46 | 979961.738 | -11.74 | -23.20 |
| 173-C-7 | 38 6.50 | -78 25.50 | *133.86 | 979945.606 | -26.64 | -41.62 |
| 173-C-8 | 38 7.00 | -78 25.40 | *158.22 | 979940.542 | -24.92 | -42.62 |
| 173-C-9 | 38 2.90 | -78 28.00 | *119.78 | 979948.438 | -22.90 | -36.30 |
| 173-C-10 | 38 3.90 | -78 29.70 | *156.02 | 979935.494 | -26.12 | -43.58 |
| 173-C-11 | 38 3.40 | -78 29.80 | *137.54 | 979940.733 | -25.85 | -41.25 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 173-C-12 | 38 4.40 | -78 30.00 | *165.84 | 979929.634 | -23.51 | -44.30 |
| 173-D-1 | 38 2.80 | -78 20.10 | *131.56 | 979962.674 | -4.89 | -19.61 |
| 173-D-2 | 38 1.40 | -78 21.50 | *132.25 | 979960.730 | -4.57 | -19.37 |
| 173-D-3 | 38 3.30 | -78 18.70 | *149.79 | 979959.963 | -2.70 | -19.46 |
| 173-D-4 | 38 3.20 | -78 16.50 | *131.93 | 979959.769 | -8.26 | -23.02 |
| 173-D-5 | 38 3.70 | -78 16.00 | *122.18 | 979962.680 | -9.09 | -22.76 |
| 173-D-6 | 38 4.80 | -78 16.60 | *160.71 | 979961.974 | 0.49 | -17.49 |
| 173-D-7 | 38 5.70 | -78 15.80 | *161.00 | 979966.542 | 3.84 | -14.18 |
| 173-D-8 | 38 6.70 | -78 22.20 | *166.84 | 979943.263 | -19.10 | -37.77 |
| 173-D-9 | 38 5.60 | -78 20.40 | *231.89 | 979943.675 | 2.99 | -22.95 |
| 172-A-1 | 38 14.70 | -78 6.60 | *161.01 | 979995.261 | 19.41 | 1.40 |
| 172-A-2 | 38 7.80 | -78 0.90 | *112.99 | 979984.342 | 3.76 | -8.89 |
| 172-A-3 | 38 8.60 | -78 0.30 | * 88.86 | 979992.120 | 2.92 | -7.02 |
| 172-A-4 | 38 10.10 | -78 5.70 | *131.83 | 979980.054 | 1.92 | -12.83 |
| 172-A-5 | 38 11.00 | -78 7.00 | *144.76 | 979979.576 | 4.12 | -12.08 |
| 172-A-6 | 38 12.20 | -78 7.40 | *142.54 | 979988.443 | 10.55 | -5.40 |
| 172-A-7 | 38 14.50 | -78 2.80 | *143.71 | 979993.271 | 12.38 | -3.70 |
| 172-A-8 | 38 12.10 | -78 4.50 | *141.05 | 979983.391 | 5.19 | -10.60 |
| 172-A-9 | 38 11.10 | -78 2.80 | *141.78 | 979984.074 | 7.55 | -8.31 |
| 172-A-10 | 38 10.40 | -78 1.40 | *138.11 | 979988.054 | 11.42 | -4.03 |
| 172-B-1 | 38 9.90 | -78 9.30 | *127.30 | 979982.036 | 2.80 | -11.45 |
| 172-B-2 | 38 8.72 | -78 10.50 | 444.16 | 979977.527 | 2.53 | -12.62 |
| 172-B-3 | 38 9.00 | -78 11.80 | *185.67 | 979976.548 | 16.64 | -4.14 |
| 172-B-4 | 38 10.90 | -78 12.70 | *153.54 | 979985.313 | 12.72 | -4.47 |
| 172-B-5 | 38 12.50 | -78 13.10 | *129.62 | 979983.500 | 1.18 | -13.32 |
| 172-C-1 | 38 1.00 | -78 9.50 | *121.02 | 979981.376 | 13.19 | -0.35 |
| 172-C-2 | 38 5.30 | -78 14.80 | *148.97 | 979960.905 | -4.93 | -21.60 |
| 172-C-3 | 38 7.50 | -78 13.30 | *148.80 | 979976.986 | 7.89 | -8.76 |
| 172-C-4 | 38 4.00 | -78 14.70 | *163.80 | 979955.714 | -3.64 | -21.97 |
| 172-C-5 | 38 4.50 | -78 12.70 | *155.00 | 979960.504 | -2.30 | -19.64 |
| 172-C-6 | 38 4.20 | -78 11.20 | *149.81 | 979963.626 | -0.34 | -17.11 |
| 172-C-7 | 38 0.60 | -78 11.50 | *138.50 | 979963.740 | 1.53 | -13.96 |
| 172-C-8 | 38 0.80 | -78 14.20 | *150.45 | 979955.207 | -3.60 | -20.44 |
| 172-C-9 | 38 2.80 | -78 14.60 | *156.34 | 979955.227 | -4.68 | -22.18 |
| 172-C-10 | 38 3.60 | -78 9.10 | *127.84 | 979980.645 | 10.77 | -3.53 |
| 172-C-11 | 38 0.60 | -78 7.60 | *106.27 | 979987.709 | 15.56 | 3.67 |
| 172-C-12 | 38 0.10 | -78 8.70 | *121.38 | 979983.965 | 17.21 | 3.62 |
| 172-C-13 | 38 6.50 | -78 7.60 | *157.27 | 979968.583 | 3.56 | -14.04 |
| 172-D-1 | 38 3.50 | -78 6.30 | *155.19 | 979969.015 | 7.73 | -9.64 |
| 172-D-2 | 38 3.10 | -78 4.70 | *161.50 | 979969.508 | 10.75 | -7.32 |
| 172-D-3 | 38 0.60 | -78 5.50 | * 144.78 | 979973.840 | 13.57 | -2.63 |
| 172-D-4 | 38 3.10 | -78 4.40 | * 160.14 | 979970.250 | 11.07 | -6.85 |
| 172-D-5 | 38 2.50 | -78 2.80 | * 164.51 | 979968.813 | 11.86 | -6.55 |
| 172-D-6 | 38 0.60 | -78 0.60 | * 136.44 | 979965.179 | 2.34 | -12.93 |
| 172-D-7 | 38 2.50 | -78 0.30 | * 110.99 | 979975.335 | 1.87 | -10.55 |
| 172-D-8 | 38 5.50 | -78 2.90 | * 141.78 | 979975.762 | 7.42 | -8.45 |
| 172-D-9 | 38 5.20 | -78 6.70 | * 161.48 | 979967.465 | 5.64 | -12.43 |
| 172-D-10 | 38 4.50 | -78 0.90 | * 157.94 | 979968.367 | 6.47 | -11.20 |
| 172-D-11 | 38 6.80 | -78 6.40 | * 162.86 | 979968.750 | 5.01 | -13.21 |
| 172-D-12 | 38 7.20 | -78 2.50 | * 136.15 | 979979.207 | 6.64 | -8.59 |
| 155-A-1 | 37 55.20 | -78 45.30 | * 323.29 | 979894.614 | -2.69 | -38.87 |
| 155-A-2-UE1 | 37 57.80 | -78 46.70 | * 240.18 | 979911.316 | -15.43 | -42.30 |
| 155-A-3-UE2 | 37 59.50 | -78 45.60 | * 231.95 | 979914.748 | -17.01 | -42.97 |
| 155-A-4 | 37 59.20 | -78 50.18 | 782.60 | 979912.266 | -17.03 | -43.72 |
| 155-A-5 | 37 57.65 | -78 50.08 | 711.06 | 979913.107 | -20.66 | -44.92 |
| 155-A-6 | 37 57.10 | -78 51.18 | 613.27 | 979916.194 | -25.97 | -46.89 |
| 155-A-7 | 37 56.57 | -78 48.10 | 757.67 | 979910.228 | -17.58 | -43.42 |
| 155-A-8 | 37 57.22 | -78 47.32 | 689.80 | 979917.040 | -18.09 | -41.62 |
| 155-A-9 | 37 56.25 | -78 49.17 | 860.00 | 979903.213 | -14.50 | -43.84 |
| 155-A-10 | 37 55.68 | -78 50.30 | 690.26 | 979909.329 | -23.53 | -47.07 |
| 155-A-11 | 37 54.17 | -78 51.25 | 620.54 | 979913.561 | -23.64 | -44.81 |
| 155-A-12 | 37 53.48 | -78 52.28 | 673.01 | 979909.017 | -22.26 | -45.21 |
| 155-A-13 | 37 53.52 | -78 45.43 | 893.28 | 979904.809 | -5.79 | -36.26 |
| 155-B-1 | 37 59.35 | -78 54.25 | 2182.10 | 979821.654 | 23.78 | -50.65 |
| 155-B-2 | 37 59.37 | -78 54.23 | 2195.31 | 979820.824 | 24.17 | -50.71 |
| 155-B-3 | 37 58.13 | -78 53.85 | 2354.84 | 979818.378 | 38.52 | -41.79 |
| 155-B-4 | 37 56.82 | -78 55.68 | 2997.85 | 979771.802 | 54.35 | -47.90 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 155-B-5 | 37 54.08 | -78 59.13 | 2644.88 | 979788.099 | 41.43 | -48.78 |
| 155-B-6 | 37 57.73 | -78 57.72 | 1546.88 | 979847.368 | -7.90 | -60.66 |
| 155-B-7 | 37 53.10 | -78 53.97 | 734.29 | 979901.095 | -23.86 | -48.90 |
| 155-B-8 | 37 52.82 | -78 53.90 | 738.85 | 979901.128 | -22.98 | -48.18 |
| 155-C-1 | 37 52.15 | -78 54.85 | 820.37 | 979894.803 | -20.67 | -48.65 |
| 155-C-2 | 37 52.15 | -78 54.80 | 837.68 | 979893.778 | -20.06 | -48.63 |
| 155-C-3 | 37 48.72 | -78 56.08 | 983.19 | 979889.276 | -5.88 | -39.41 |
| 155-C-4 | 37 48.03 | -78 57.43 | 794.18 | 979898.197 | -13.74 | -40.83 |
| 155-C-5 | 37 46.70 | -78 58.83 | 757.69 | 979898.135 | -15.30 | -41.14 |
| 155-C-6 | 37 45.93 | -78 59.83 | 685.00 | 979898.955 | -20.20 | -43.56 |
| 155-C-7 | 37 48.70 | -78 54.02 | 1057.55 | 979886.009 | -2.13 | -38.20 |
| 155-C-8 | 37 48.63 | -78 54.82 | 1279.70 | 979873.127 | 5.98 | -37.66 |
| 155-C-9 | 37 51.13 | -78 55.38 | 1440.46 | 979859.139 | 3.48 | -45.65 |
| 155-D-1 | 37 50.82 | -78 45.85 | 772.00 | 979911.748 | -6.33 | -32.66 |
| 155-D-2 | 37 50.57 | -78 46.38 | 732.00 | 979913.012 | -8.46 | -33.43 |
| 155-D-3 | 37 50.85 | -78 47.29 | 707.00 | 979912.817 | -11.42 | -35.54 |
| 155-D-4 | 37 50.72 | -78 47.82 | 526.52 | 979923.819 | -17.20 | -35.16 |
| 155-D-5 | 37 49.98 | -78 47.23 | 485.68 | 979926.369 | -17.43 | -33.99 |
| 155-D-6 | 37 49.35 | -78 46.57 | 469.13 | 979925.440 | -18.99 | -34.99 |
| 155-D-7 | 37 49.02 | -78 45.90 | 453.99 | 979930.098 | -15.27 | -30.76 |
| 155-D-8 | 37 48.17 | -78 45.62 | 446.32 | 979931.228 | -13.63 | -28.85 |
| 155-D-9 | 37 48.03 | -78 45.23 | 489.01 | 979929.661 | -10.98 | -27.66 |
| 155-D-10 | 37 50.75 | -78 48.45 | 690.00 | 979914.119 | -11.58 | -35.11 |
| 155-D-11 | 37 50.60 | -78 48.63 | 599.00 | 979919.632 | -14.40 | -34.83 |
| 155-D-12 | 37 50.82 | -78 49.22 | 527.00 | 979923.214 | -17.91 | -35.88 |
| 155-D-13 | 37 51.58 | -78 48.70 | 581.70 | 979921.003 | -16.09 | -35.93 |
| 155-D-14 | 37 51.98 | -78 45.08 | 725.87 | 979913.264 | -10.85 | -35.61 |
| 155-D-15 | 37 52.27 | -78 47.45 | 630.59 | 979919.336 | -14.15 | -35.66 |
| 155-D-16 | 37 52.13 | -78 49.50 | 569.03 | 979921.482 | -17.61 | -37.01 |
| 155-D-17 | 37 51.95 | -78 50.08 | 713.56 | 979912.546 | -12.68 | -37.02 |
| 155-D-18 | 37 49.37 | -78 50.48 | 642.82 | 979913.513 | -14.60 | -36.53 |
| 155-D-19 | 37 49.75 | -78 51.27 | 706.88 | 979907.080 | -14.11 | -38.22 |
| 155-D-20 | 37 49.38 | -78 51.38 | 797.20 | 979901.698 | -11.93 | -39.12 |
| 155-D-21 | 37 45.22 | -78 47.72 | 663.91 | 979915.998 | -4.10 | -26.74 |
| 155-D-22 | 37 50.98 | -78 45.30 | 631.92 | 979921.552 | -9.95 | -31.50 |
| 154-A-1 | 37 58.50 | -78 30.70 | *154.18 | 979947.361 | -6.94 | -24.20 |
| 154-A-2 | 37 54.50 | -78 32.60 | *117.43 | 979959.486 | -0.33 | -13.47 |
| 154-A-3 | 37 57.40 | -78 35.80 | *173.18 | 979935.133 | -11.71 | -31.08 |
| 154-A-4 | 37 53.80 | -78 36.60 | *158.74 | 979939.658 | -6.39 | -24.15 |
| 154-A-5 | 37 53.10 | -78 36.20 | *174.28 | 979938.684 | -1.55 | -21.05 |
| 154-A-6-UE1 | 37 58.80 | -78 32.70 | *153.62 | 979942.840 | -12.08 | -29.27 |
| 154-A-7-UE2 | 37 55.90 | -78 33.90 | *164.59 | 979941.276 | -6.03 | -24.44 |
| 154-A-8 | 37 58.98 | -78 35.52 | 732.96 | 979924.935 | -8.72 | -33.71 |
| 154-A-9 | 37 58.33 | -78 36.73 | 598.87 | 979932.804 | -12.51 | -32.94 |
| 154-B-1 | 37 55.10 | -78 38.20 | *168.36 | 979935.572 | -9.40 | -28.24 |
| 154-B-2 | 37 59.70 | -78 43.30 | *189.69 | 979925.318 | -19.78 | -41.00 |
| 154-B-3 | 37 57.40 | -78 39.50 | *210.53 | 979925.990 | -9.32 | -32.88 |
| 154-B-4 | 37 55.10 | -78 43.00 | *262.25 | 979910.160 | -5.84 | -35.19 |
| 154-B-5 | 37 59.20 | -78 37.60 | *222.29 | 979925.552 | -8.76 | -33.63 |
| 154-B-6 | 37 58.00 | -78 38.70 | *217.33 | 979923.822 | -10.27 | -34.59 |
| 154-B-7-UE1 | 37 58.70 | -78 40.90 | *236.93 | 979918.476 | -10.59 | -37.10 |
| 154-B-8 | 37 57.55 | -78 38.07 | 724.01 | 979924.627 | -7.78 | -32.47 |
| 154-B-9 | 37 56.53 | -78 39.98 | 841.85 | 979914.761 | -5.08 | -33.79 |
| 154-B-10 | 37 55.68 | -78 40.65 | 672.33 | 979923.328 | -11.22 | -34.15 |
| 154-B-11 | 37 54.95 | -78 41.17 | 646.71 | 979925.438 | -10.45 | -32.50 |
| 154-B-12 | 37 54.02 | -78 41.70 | 687.35 | 979923.556 | -7.15 | -30.59 |
| 154-B-13 | 37 53.37 | -78 42.32 | 810.05 | 979914.119 | -4.09 | -31.72 |
| 154-C-1 | 37 52.20 | -78 43.10 | *237.14 | 979914.569 | -4.95 | -31.49 |
| 154-C-2 | 37 51.50 | -78 39.10 | *179.71 | 979935.055 | -1.17 | -21.28 |
| 154-C-3 | 37 49.10 | -78 41.60 | *171.42 | 979932.223 | -3.07 | -22.25 |
| 154-C-4 | 37 46.00 | -78 40.60 | *108.82 | 979950.219 | 0.12 | -12.05 |
| 154-C-5 | 37 45.50 | -78 39.60 | *197.15 | 979933.008 | 10.90 | -11.16 |
| 154-C-6-UE1 | 37 45.60 | -78 37.60 | *129.54 | 979947.870 | 4.75 | -9.75 |
| 154-C-7-UE2 | 37 47.90 | -78 38.50 | *185.01 | 979937.944 | 8.60 | -12.11 |
| 154-C-8 | 37 49.88 | -78 44.73 | 659.25 | 979921.030 | -6.29 | -28.78 |
| 154-C-9 | 37 49.27 | -78 43.42 | 708.49 | 979920.388 | -1.41 | -25.57 |
| 154-C-10 | 37 48.10 | -78 42.57 | 548.66 | 979929.153 | -5.98 | -24.69 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 154-C-11 | 37 45.42 | -78 43.43 | 580.83 | 979930.746 | 2.55 | -17.26 |
| 154-D-1 | 37 51.90 | -78 33.40 | *168.25 | 979945.531 | 5.19 | -13.64 |
| 154-D-2 | 37 49.30 | -78 30.90 | *126.47 | 979950.850 | 1.40 | -12.75 |
| 154-D-3 | 37 49.80 | -78 32.10 | *118.23 | 979952.060 | -0.66 | -13.89 |
| 154-D-4 | 37 45.70 | -78 31.00 | * 88.57 | 979953.894 | -2.01 | -11.92 |
| 154-D-5 | 37 51.90 | -78 37.40 | *203.61 | 979930.760 | 1.33 | -21.46 |
| 154-D-6 | 37 50.10 | -78 36.50 | *136.74 | 979950.018 | 2.57 | -12.73 |
| 154-D-7-UE1 | 37 48.30 | -78 35.30 | *146.30 | 979945.410 | 3.53 | -12.84 |
| 154-D-8-UE2 | 37 46.80 | -78 32.00 | *136.55 | 979944.640 | 1.94 | -13.34 |
| 154-D-9-UE3 | 37 51.20 | -78 30.10 | *148.44 | 979947.006 | 1.57 | -15.04 |
| 153-A-1 | 37 59.10 | -78 19.30 | *117.35 | 979955.877 | -10.67 | -23.80 |
| 153-A-2 | 37 59.10 | -78 17.50 | *139.76 | 979953.101 | -6.53 | -22.17 |
| 153-A-3 | 37 58.90 | -78 15.20 | *150.73 | 979953.911 | -2.04 | -18.91 |
| 153-A-4 | 37 56.80 | -78 17.10 | *127.60 | 979957.155 | -2.87 | -17.15 |
| 153-A-5 | 37 56.30 | -78 18.70 | *107.19 | 979959.820 | -5.78 | -17.77 |
| 153-A-6 | 37 57.80 | -78 19.40 | *133.07 | 979952.379 | -7.42 | -22.31 |
| 153-A-7 | 37 55.60 | -78 15.40 | *138.50 | 979955.291 | 0.37 | -15.12 |
| 153-A-8 | 37 53.90 | -78 15.50 | *121.75 | 979958.370 | 0.76 | -12.86 |
| 153-A-9 | 37 56.00 | -78 19.40 | *117.72 | 979957.220 | -4.69 | -17.86 |
| 153-A-10-UE1 | 37 54.50 | -78 20.90 | *147.52 | 979951.156 | 0.63 | -15.88 |
| 153-A-11-UE2 | 37 54.10 | -78 18.60 | *123.44 | 979955.935 | -1.44 | -15.26 |
| 153-A-12-UE3 | 37 52.80 | -78 21.50 | *129.24 | 979953.366 | -0.33 | -14.79 |
| 153-B-1 | 37 53.00 | -78 24.90 | *162.38 | 979945.761 | 2.00 | -16.17 |
| 153-B-2 | 37 59.50 | -78 24.10 | * 96.40 | 979965.282 | -8.31 | -19.10 |
| 153-B-3 | 37 58.20 | -78 24.40 | *122.55 | 979959.399 | -4.23 | -17.95 |
| 153-B-4 | 37 59.60 | -78 26.70 | *164.09 | 979956.160 | 3.31 | -15.05 |
| 153-B-5 | 37 56.60 | -78 24.20 | *121.13 | 979957.638 | -4.10 | -17.65 |
| 153-B-6 | 37 55.10 | -78 24.00 | *176.09 | 979945.639 | 3.05 | -16.65 |
| 153-B-7 | 37 54.00 | -78 25.50 | *177.03 | 979944.573 | 3.88 | -15.93 |
| 153-B-8 | 37 53.80 | -78 26.10 | *173.45 | 979945.343 | 3.83 | -15.57 |
| 153-B-9 | 37 57.50 | -78 28.10 | *151.05 | 979959.635 | 5.82 | -11.08 |
| 153-B-10 | 37 55.90 | -78 28.40 | *137.76 | 979959.975 | 4.39 | -11.02 |
| 153-B-11 | 37 54.30 | -78 29.30 | *162.26 | 979951.323 | 5.63 | -12.52 |
| 153-B-12 | 37 54.00 | -78 27.10 | *150.32 | 979950.382 | 1.44 | -15.38 |
| 153-B-13 | 37 53.10 | -78 26.60 | *167.63 | 979945.740 | 3.45 | -15.30 |
| 153-C-1 | 37 49.80 | -78 23.50 | *151.05 | 979946.752 | 4.16 | -12.74 |
| 153-C-2 | 37 50.80 | -78 25.30 | *155.02 | 979945.899 | 3.07 | -14.27 |
| 153-C-3 | 37 52.30 | -78 25.30 | *163.47 | 979945.277 | 2.87 | -15.42 |
| 153-C-4 | 37 47.90 | -78 29.70 | * 84.43 | 979955.785 | -4.60 | -14.05 |
| 153-C-5 | 37 47.40 | -78 25.40 | *128.75 | 979949.090 | 3.11 | -11.30 |
| 153-C-6 | 37 46.20 | -78 24.20 | *135.95 | 979950.051 | 8.04 | -7.18 |
| 153-C-7 | 37 49.50 | -78 29.40 | *138.16 | 979947.178 | 1.04 | -14.42 |
| 153-C-8UE1 | 37 49.20 | -78 26.60 | *135.03 | 979947.735 | 1.07 | -14.04 |
| 153-D-1 | 37 51.70 | -78 15.90 | * 97.65 | 979961.215 | -0.63 | -11.55 |
| 153-D-2 | 37 51.50 | -78 15.90 | * 83.51 | 979963.059 | -2.85 | -12.20 |
| 153-D-3 | 37 45.80 | -78 15.80 | *109.51 | 979957.785 | 8.19 | -4.06 |
| 153-D-4 | 37 47.90 | -78 15.50 | *100.19 | 979957.613 | 2.09 | -9.12 |
| 153-D-5 | 37 48.90 | -78 18.50 | *132.01 | 979951.589 | 4.43 | -10.34 |
| 153-D-6 | 37 48.00 | -78 20.90 | *155.57 | 979948.688 | 10.11 | -7.30 |
| 153-D-7 | 37 51.80 | -78 16.70 | *105.42 | 979961.038 | 1.45 | -10.35 |
| 153-D-8 | 37 52.20 | -78 18.30 | *121.61 | 979956.274 | 1.10 | -12.51 |
| 153-D-9-UE1 | 37 50.90 | -78 22.30 | *138.38 | 979950.325 | 2.22 | -13.27 |
| 153-D-10-UE2 | 37 50.00 | -78 19.50 | *138.07 | 979952.933 | 6.04 | -9.41 |
| 153-D-11-UE3 | 37 45.50 | -78 19.80 | *137.47 | 979951.019 | 10.49 | -4.89 |
| 153-D-12-UE4 | 37 46.20 | -78 18.20 | *121.01 | 979955.244 | 8.62 | -4.92 |
| 152-A-1 | 37 56.00 | -78 6.60 | *154.14 | 979954.847 | 4.17 | -13.07 |
| 152-A-2 | 37 55.50 | -78 5.80 | *126.10 | 979957.722 | -0.88 | -14.99 |
| 152-A-3 | 37 54.80 | -78 5.00 | *152.93 | 979952.244 | 2.95 | -14.17 |
| 152-A-4 | 37 54.20 | -78 4.00 | *149.43 | 979952.873 | 3.37 | -13.35 |
| 152-A-5 | 37 53.70 | -78 3.30 | *154.53 | 979952.705 | 5.50 | -11.79 |
| 152-A-6 | 37 52.90 | -78 2.40 | *160.09 | 979954.458 | 10.14 | -7.78 |
| 152-A-7 | 37 52.60 | -78 2.00 | *149.52 | 979958.332 | 11.19 | -5.54 |
| 152-A-8 | 37 54.70 | -78 3.40 | *150.18 | 979953.449 | 3.45 | -13.36 |
| 152-A-9 | 37 55.80 | -78 2.00 | *146.18 | 979956.290 | 3.45 | -12.91 |
| 152-A-10 | 37 55.40 | -78 0.80 | *130.61 | 979962.449 | 5.39 | -9.23 |
| 152-A-11 | 37 57.50 | -78 1.50 | * 67.48 | 979973.636 | 0.21 | -9.58 |
| 152-A-12 | 37 59.20 | -78 0.10 | *120.76 | 979970.945 | 5.31 | -8.21 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 152-A-13 | 37 56.50 | -78 7.20 | *170.52 | 979953.595 | 7.25 | -11.83 |
| 152-A-14 | 37 59.90 | -78 4.60 | *141.63 | 979971.021 | 10.80 | -5.05 |
| 152-B-1 | 37 58.30 | -78 13.20 | *164.83 | 979952.856 | 2.13 | -16.32 |
| 152-B-2 | 37 57.90 | -78 12.10 | *158.08 | 979955.290 | 3.06 | -14.63 |
| 152-B-3 | 37 57.50 | -78 11.00 | *150.19 | 979958.580 | 4.50 | -12.31 |
| 152-B-4 | 37 57.20 | -78 9.80 | *159.96 | 979961.352 | 10.72 | -7.17 |
| 152-B-5 | 37 56.80 | -78 8.90 | *162.45 | 979960.661 | 11.39 | -6.79 |
| 152-B-6 | 37 56.40 | -78 7.90 | *161.71 | 979957.335 | 8.41 | -9.68 |
| 152-B-7 | 37 52.60 | -78 7.70 | *128.64 | 979954.099 | 0.51 | -13.89 |
| 152-B-8 | 37 54.20 | -78 7.50 | *131.47 | 979955.992 | 0.95 | -13.77 |
| 152-B-9 | 37 56.70 | -78 11.70 | *159.09 | 979954.494 | 4.33 | -13.47 |
| 152-B-10 | 37 55.10 | -78 11.70 | *153.56 | 979955.038 | 5.50 | -11.68 |
| 152-B-11 | 37 52.80 | -78 9.70 | *125.29 | 979955.833 | 0.92 | -13.10 |
| 152-B-12 | 37 53.50 | -78 12.30 | *110.03 | 979959.092 | -1.55 | -13.86 |
| 152-B-13 | 37 54.00 | -78 13.70 | *149.30 | 979954.661 | 5.41 | -11.30 |
| 152-B-14 | 37 56.80 | -78 14.90 | *145.10 | 979954.944 | 0.32 | -15.93 |
| 152-B-15-UE1 | 37 52.80 | -78 13.40 | *148.74 | 979950.488 | 2.81 | -13.83 |
| 152-B-16 | 37 58.40 | -78 8.60 | *139.29 | 979974.274 | 15.52 | -0.07 |
| 152-B-17 | 37 59.80 | -78 14.00 | *161.23 | 979952.595 | -1.43 | -19.47 |
| 152-C-1 | 37 50.60 | -78 8.30 | *105.02 | 979960.679 | 2.71 | -9.04 |
| 152-C-2 | 37 49.40 | -78 10.50 | *116.85 | 979957.755 | 5.19 | -7.89 |
| 152-C-3 | 37 45.90 | -78 10.00 | * 90.35 | 979964.295 | 8.65 | -1.46 |
| 152-C-4 | 37 46.40 | -78 12.60 | *116.91 | 979955.427 | 7.24 | -5.84 |
| 152-C-5 | 37 48.70 | -78 14.60 | * 96.03 | 979958.360 | 0.39 | -10.36 |
| 152-C-6-UE1 | 37 45.30 | -78 13.60 | *110.64 | 979957.023 | 8.51 | -3.87 |
| 152-C-7-UE2 | 37 51.00 | -78 12.10 | *124.97 | 979952.941 | 0.55 | -13.43 |
| 152-D-1 | 37 51.90 | -78 1.40 | *131.62 | 979964.086 | 12.44 | -2.29 |
| 152-D-2 | 37 51.30 | -78 0.70 | *126.73 | 979966.142 | 13.86 | -0.32 |
| 152-D-3 | 37 51.70 | -78 3.90 | *151.29 | 979955.953 | 10.66 | -6.27 |
| 152-D-4 | 37 50.40 | -78 5.90 | *143.61 | 979955.054 | 9.29 | -6.78 |
| 152-D-5 | 37 47.50 | -78 4.40 | *109.42 | 979960.976 | 8.88 | -3.36 |
| 152-D-6 | 37 46.40 | -78 2.80 | *109.44 | 979960.216 | 9.73 | -2.52 |
| 132-A-1 | 37 44.00 | -78 52.20 | 724.30 | 979905.473 | -7.17 | -31.88 |
| 132-A-2 | 37 43.43 | -78 51.70 | 588.66 | 979913.918 | -10.66 | -30.74 |
| 132-A-3 | 37 43.38 | -78 50.38 | 634.81 | 979914.006 | -6.16 | -27.81 |
| 132-A-4 | 37 44.37 | -78 49.05 | 692.06 | 979913.260 | -2.95 | -26.55 |
| 132-A-5 | 37 42.75 | -78 48.57 | 697.53 | 979913.175 | -0.17 | -23.96 |
| 132-A-6 | 37 42.82 | -78 47.90 | 928.21 | 979901.162 | 9.42 | -22.24 |
| 132-A-7 | 37 41.02 | -78 45.47 | 685.00 | 979926.170 | 14.17 | -9.19 |
| 132-A-8 | 37 40.25 | -78 45.50 | 643.49 | 979926.205 | 11.42 | -10.53 |
| 132-A-9 | 37 41.48 | -78 48.93 | 651.99 | 979919.086 | 3.30 | -18.94 |
| 132-A-10 | 37 38.53 | -78 48.63 | 378.23 | 979938.902 | 1.66 | -11.24 |
| 132-A-11 | 37 38.52 | -78 51.53 | 616.00 | 979926.186 | 11.33 | -9.68 |
| 132-A-12 | 37 40.10 | -78 50.27 | 553.02 | 979928.198 | 5.12 | -13.75 |
| 132-A-13 | 37 40.72 | -78 52.25 | 650.93 | 979913.348 | -1.42 | -23.62 |
| 132-A-14 | 37 42.28 | -78 46.87 | 596.57 | 979927.633 | 5.47 | -14.87 |
| 132-B-1 | 37 42.50 | -78 56.00 | 734.91 | 979904.706 | -4.76 | -29.82 |
| 132-B-2 | 37 44.35 | -78 56.98 | 1073.43 | 979881.498 | 1.19 | -35.43 |
| 132-B-3 | 37 44.78 | -78 57.80 | 802.58 | 979895.995 | -10.42 | -37.80 |
| 132-B-4 | 37 44.57 | -78 59.92 | 758.47 | 979893.550 | -16.70 | -42.57 |
| 132-B-5 | 37 40.90 | -78 56.98 | 743.21 | 979901.473 | -4.88 | -30.23 |
| 132-B-6 | 37 41.93 | -78 58.88 | 692.21 | 979903.054 | -9.60 | -33.21 |
| 132-B-7 | 37 38.25 | -78 59.43 | 773.03 | 979898.119 | -1.58 | -27.95 |
| 132-B-8 | 37 37.77 | -78 58.50 | 758.35 | 979899.422 | -0.95 | -26.82 |
| 132-B-9 | 37 38.15 | -78 55.92 | 728.39 | 979905.525 | 1.77 | -23.07 |
| 132-B-10 | 37 38.30 | -78 53.45 | 612.06 | 979920.837 | 5.93 | -14.95 |
| 132-B-11 | 37 40.87 | -78 54.28 | 679.85 | 979909.110 | -3.16 | -26.34 |
| 132-B-12 | 37 44.02 | -78 53.58 | 735.82 | 979904.379 | -7.20 | -32.30 |
| 132-B-13 | 37 42.95 | -78 54.37 | 743.08 | 979904.252 | -5.10 | -30.44 |
| 132-B-14 | 37 42.77 | -78 55.50 | 803.87 | 979901.080 | -2.28 | -29.70 |
| 132-B-15 | 37 40.65 | -78 57.05 | 769.75 | 979899.665 | -3.83 | -30.08 |
| 132-B-16 | 37 39.37 | -78 57.60 | 547.22 | 979911.598 | -10.96 | -29.63 |
| 132-B-17 | 37 44.70 | -78 53.15 | 689.88 | 979907.636 | -9.26 | -32.79 |
| 132-C-1 | 37 36.63 | -78 55.30 | 463.93 | 979927.764 | 1.34 | -14.48 |
| 132-C-2 | 37 34.33 | -78 53.80 | 655.12 | 979915.787 | 10.69 | -11.65 |
| 132-C-3 | 37 33.82 | -78 56.55 | 840.00 | 979903.918 | 16.96 | -11.69 |
| 132-C-4 | 37 33.08 | -78 57.38 | 897.28 | 979900.024 | 19.52 | -11.08 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 132-C-5 | 37 34.90 | -78 58.38 | 701.26 | 979905.690 | 4.11 | -19.81 |
| 132-C-6 | 37 33.73 | -78 58.12 | 664.25 | 979911.791 | 8.42 | -14.23 |
| 132-C-7 | 37 31.48 | -78 53.77 | 431.37 | 979928.152 | 6.15 | -8.57 |
| 132-C-8 | 37 30.63 | -78 52.98 | 682.36 | 979912.177 | 15.02 | -8.26 |
| 132-D-1 | 37 35.90 | -78 46.50 | *241.11 | 979914.762 | 20.18 | -6.80 |
| 132-D-2 | 37 37.40 | -78 47.80 | *175.45 | 979923.239 | 6.21 | -13.42 |
| 132-D-3UE1 | 37 31.72 | -78 45.65 | 693.00 | 979926.803 | 29.07 | 5.43 |
| 132-D-4UE2 | 37 32.88 | -78 45.67 | 870.00 | 979914.355 | 31.58 | 1.90 |
| 132-D-5UE3 | 37 36.60 | -78 48.53 | 386.00 | 979935.100 | 1.40 | -11.77 |
| 132-D-6UE4 | 37 35.07 | -78 48.97 | 503.00 | 979926.688 | 6.22 | -10.94 |
| 132-D-7 | 37 32.73 | -78 52.15 | 416.12 | 979929.133 | 3.88 | -10.31 |
| 132-D-8 | 37 32.65 | -78 50.82 | 414.51 | 979931.487 | 6.20 | -7.94 |
| 132-D-9 | 37 31.48 | -78 49.43 | 637.51 | 979922.950 | 20.33 | -1.41 |
| 132-D-10 | 37 34.30 | -78 51.38 | 656.49 | 979914.914 | 9.99 | -12.40 |
| 132-D-11 | 37 36.53 | -78 48.85 | 382.42 | 979934.775 | 0.83 | -12.21 |
| 132-D-12 | 37 31.03 | -78 46.43 | 486.83 | 979936.840 | 20.71 | 4.10 |
| 131-A-1 | 37 42.32 | -78 30.97 | 518.46 | 979941.106 | 11.56 | -6.12 |
| 131-A-2 | 37 42.00 | -78 36.10 | *173.26 | 979934.570 | 10.18 | -9.21 |
| 131-A-3 | 37 40.30 | -78 35.40 | *180.72 | 979933.967 | 14.35 | -5.87 |
| 131-A-4 | 37 40.60 | -78 32.10 | *161.91 | 979941.438 | 15.58 | -2.54 |
| 131-A-5 | 37 42.40 | -78 33.40 | *169.77 | 979937.259 | 11.21 | -7.79 |
| 131-A-6 | 37 44.70 | -78 33.80 | *144.69 | 979941.549 | 4.41 | -11.78 |
| 131-A-7 | 37 39.40 | -78 36.50 | *174.20 | 979934.464 | 14.14 | -5.35 |
| 131-A-8 | 37 37.70 | -78 37.00 | *165.89 | 979938.031 | 17.62 | -0.95 |
| 131-A-9 | 37 38.50 | -78 35.60 | *161.51 | 979941.896 | 18.97 | 0.89 |
| 131-A-10 | 37 37.53 | -78 33.72 | 481.88 | 979955.065 | 29.05 | 12.61 |
| 131-A-11UE1 | 37 44.40 | -78 31.18 | 478.00 | 979942.238 | 5.85 | -10.46 |
| 131-A-12UE2 | 37 38.47 | -78 31.80 | 512.00 | 979951.792 | 27.23 | 9.76 |
| 131-A-13UE3 | 37 39.30 | -78 32.85 | 520.00 | 979947.743 | 22.72 | 4.98 |
| 131-A-14UE4 | 37 40.88 | -78 33.80 | 602.00 | 979934.832 | 15.22 | -5.31 |
| 131-A-15UE5 | 37 43.57 | -78 33.20 | 450.00 | 979942.827 | 5.01 | -10.33 |
| 131-A-16UE6 | 37 43.42 | -78 35.25 | 525.00 | 979937.275 | 6.73 | -11.17 |
| 131-A-17UE7 | 37 41.13 | -78 35.90 | 497.00 | 979938.855 | 9.00 | -7.95 |
| 131-B-1 | 37 43.70 | -78 37.60 | *158.41 | 979937.677 | 6.23 | -11.49 |
| 131-B-2 | 37 39.00 | -78 37.90 | *169.66 | 979934.718 | 13.58 | -5.41 |
| 131-B-3 | 37 39.80 | -78 39.40 | *158.81 | 979935.884 | 10.23 | -7.54 |
| 131-B-4 | 37 40.60 | -78 41.00 | *172.31 | 979934.425 | 11.78 | -7.51 |
| 131-B-5 | 37 39.10 | -78 41.50 | *170.42 | 979932.800 | 11.75 | -7.32 |
| 131-B-6 | 37 43.83 | -78 43.52 | 389.06 | 979947.921 | 3.99 | -9.28 |
| 131-B-7 | 37 42.73 | -78 44.33 | 618.08 | 979933.751 | 12.96 | -8.12 |
| 131-B-8 | 37 41.83 | -78 43.40 | 455.38 | 979941.704 | 6.92 | -8.61 |
| 131-B-9 | 37 43.93 | -78 38.90 | 318.66 | 979951.870 | 1.17 | -9.70 |
| 131-B-10 | 37 38.35 | -78 43.45 | 355.45 | 979944.010 | 4.89 | -7.24 |
| 131-B-11 | 37 44.02 | -78 44.07 | 515.48 | 979933.710 | 1.40 | -16.18 |
| 131-C-1 | 37 30.70 | -78 41.30 | *196.51 | 979929.292 | 28.50 | 6.51 |
| 131-C-2 | 37 37.20 | -78 40.40 | *182.01 | 979932.073 | 17.36 | -3.01 |
| 131-C-3 | 37 34.50 | -78 38.10 | *177.38 | 979937.340 | 25.12 | 5.27 |
| 131-C-4 | 37 35.60 | -78 40.20 | *181.45 | 979933.209 | 20.65 | 0.35 |
| 131-C-5 | 37 36.40 | -78 41.90 | *212.63 | 979925.648 | 21.55 | -2.24 |
| 131-C-6 | 37 35.60 | -78 44.80 | *234.39 | 979919.162 | 22.94 | -3.29 |
| 131-C-7 | 37 32.70 | -78 40.50 | *180.19 | 979932.776 | 24.04 | 3.88 |
| 131-C-8 | 37 31.90 | -78 39.30 | *164.43 | 979936.343 | 23.91 | 5.51 |
| 131-C-9 | 37 31.90 | -78 41.40 | *185.27 | 979931.560 | 25.55 | 4.82 |
| 131-C-10 | 37 33.00 | -78 43.37 | 844.37 | 979919.949 | 34.59 | 5.79 |
| 131-C-11UE1 | 37 30.72 | -78 39.30 | 593.00 | 979932.357 | 26.67 | 6.44 |
| 131-C-12UE2 | 37 33.82 | -78 41.22 | 608.00 | 979931.587 | 22.81 | 2.07 |
| 131-C-13UE3 | 37 31.98 | -78 38.20 | 512.00 | 979942.284 | 27.14 | 9.67 |
| 131-C-14UE4 | 37 36.18 | -78 38.28 | 567.00 | 979936.903 | 20.83 | 1.49 |
| 131-D-1 | 37 33.03 | -78 33.40 | 457.80 | 979958.566 | 36.83 | 21.22 |
| 131-D-2 | 37 33.40 | -78 35.10 | *146.31 | 979961.467 | 41.26 | 24.89 |
| 131-D-3 | 37 30.20 | -78 37.02 | 519.01 | 979938.727 | 26.83 | 9.12 |
| 131-D-4 | 37 35.40 | -78 30.50 | *141.66 | 979955.384 | 30.83 | 14.98 |
| 131-D-5 | 37 35.70 | -78 33.00 | *154.85 | 979954.456 | 33.54 | 16.21 |
| 131-D-6 | 37 34.40 | -78 35.90 | *148.06 | 979957.852 | 36.73 | 20.16 |
| 131-D-7UE1 | 37 32.27 | -78 36.90 | 515.00 | 979949.404 | 34.13 | 16.56 |
| 131-D-8UE2 | 37 32.78 | -78 36.03 | 459.00 | 979958.413 | 37.12 | 21.46 |
| 131-D-9UE3 | 37 32.40 | -78 34.03 | 490.00 | 979955.276 | 37.46 | 20.74 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 131-D-10UE4 | 37 31.50 | -78 34.17 | 522.00 | 979948.230 | 34.73 | 16.92 |
| 131-D-11UE5 | 37 30.38 | -78 33.90 | 562.00 | 979936.399 | 28.28 | 9.11 |
| 131-D-12UE6 | 37 30.77 | -78 32.30 | 545.00 | 979943.334 | 33.06 | 14.47 |
| 131-D-13UE7 | 37 32.05 | -78 32.40 | 511.00 | 979948.769 | 33.43 | 16.00 |
| 131-D-14UE8 | 37 33.32 | -78 30.45 | 542.00 | 979948.948 | 34.69 | 16.20 |
| 131-D-15UE9 | 37 34.23 | -78 31.10 | 467.00 | 979955.128 | 32.48 | 16.55 |
| 131-D-16UE10 | 37 32.98 | -78 32.52 | 521.00 | 979952.915 | 37.16 | 19.39 |
| 131-D-17UE11 | 37 33.57 | -78 34.05 | 445.00 | 979963.349 | 39.60 | 24.42 |
| 131-D-18UE12 | 37 34.68 | -78 34.57 | 516.00 | 979954.739 | 36.05 | 18.45 |
| 131-D-19UE13 | 37 35.02 | -78 35.98 | 524.00 | 979951.167 | 32.74 | 14.87 |
| 131-D-20UE14 | 37 33.95 | -78 35.80 | 422.00 | 979962.720 | 36.25 | 21.86 |
| 131-D-21UE15 | 37 33.90 | -78 37.40 | 526.00 | 979949.446 | 32.83 | 14.89 |
| 131-D-22UE16 | 37 36.58 | -78 32.82 | 468.00 | 979956.247 | 30.28 | 14.32 |
| 131-D-23UE17 | 37 37.12 | -78 34.58 | 423.00 | 979959.505 | 28.53 | 14.10 |
| 131-D-24UE18 | 37 37.08 | -78 35.50 | 470.00 | 979953.125 | 26.62 | 10.59 |
| 131-D-25UE19 | 37 36.12 | -78 36.00 | 481.00 | 979948.334 | 24.27 | 7.86 |
| 130-A-1 | 37 43.10 | -78 15.80 | *133.65 | 979952.009 | 13.79 | -1.16 |
| 130-A-2 | 37 42.70 | -78 17.90 | * 67.88 | 979967.770 | 9.84 | 2.24 |
| 130-A-3 | 37 40.90 | -78 20.00 | *126.40 | 979954.493 | 17.24 | 3.10 |
| 130-A-4 | 37 41.60 | -78 21.90 | *131.01 | 979953.415 | 16.57 | 1.91 |
| 130-A-5 | 37 39.60 | -78 17.10 | *128.19 | 979952.694 | 17.88 | 3.54 |
| 130-A-6UE1 | 37 40.07 | -78 15.62 | 391.00 | 979953.173 | 14.90 | 1.56 |
| 130-A-7UE2 | 37 38.32 | -78 18.57 | 448.00 | 979952.644 | 22.28 | 7.00 |
| 130-A-8UE3 | 37 39.07 | -78 21.33 | 502.00 | 979947.051 | 20.67 | 3.55 |
| 130-A-9UE4 | 37 40.93 | -78 22.20 | 429.00 | 979953.575 | 17.62 | 2.98 |
| 130-B-1 | 37 44.60 | -78 24.40 | * 78.34 | 979966.601 | 9.14 | 0.37 |
| 130-B-2 | 37 44.90 | -78 29.42 | 358.68 | 979950.974 | 2.63 | -9.60 |
| 130-B-3 | 37 42.50 | -78 29.20 | *147.10 | 979944.427 | 11.24 | -5.22 |
| 130-B-4 | 37 43.30 | -78 26.90 | *149.83 | 979949.833 | 16.32 | -0.45 |
| 130-B-5 | 37 43.30 | -78 24.70 | *136.24 | 979958.233 | 20.53 | 5.28 |
| 130-B-6 | 37 43.10 | -78 22.60 | *136.96 | 979955.924 | 18.73 | 3.41 |
| 130-B-7 | 37 40.00 | -78 22.70 | *141.21 | 979950.700 | 19.33 | 3.53 |
| 130-B-8 | 37 40.50 | -78 27.80 | *148.12 | 979951.013 | 21.05 | 4.47 |
| 130-B-9 | 37 38.90 | -78 25.40 | *117.89 | 979961.141 | 24.17 | 10.98 |
| 130-B-10UE1 | 37 40.42 | -78 23.97 | 492.00 | 979957.305 | 28.02 | 11.24 |
| 130-B-11UE2 | 37 42.82 | -78 27.73 | 461.00 | 979949.190 | 13.50 | -2.22 |
| 130-B-12UE3 | 37 44.72 | -78 28.05 | 419.00 | 979948.688 | 6.29 | -8.01 |
| 130-B-13UE4 | 37 43.28 | -78 25.83 | 466.00 | 979955.325 | 19.43 | 3.54 |
| 130-B-14UE5 | 37 40.60 | -78 26.25 | 384.00 | 979965.842 | 26.14 | 13.04 |
| 130-B-15UE6 | 37 40.57 | -78 29.53 | 496.00 | 979944.951 | 15.83 | -1.09 |
| 130-B-16UE7 | 37 39.93 | -78 28.45 | 515.00 | 979946.128 | 19.71 | 2.15 |
| 130-B-17UE8 | 37 39.40 | -78 27.77 | 490.00 | 979952.217 | 24.23 | 7.51 |
| 130-B-18UE9 | 37 38.08 | -78 25.63 | 457.00 | 979953.166 | 23.98 | 8.40 |
| 130-B-19UE10 | 37 38.28 | -78 24.13 | 516.00 | 979945.565 | 21.64 | 4.04 |
| 130-B-20UE11 | 37 38.07 | -78 29.87 | 437.00 | 979954.446 | 23.41 | 8.50 |
| 130-C-1 | 37 36.70 | -78 29.30 | *135.74 | 979955.712 | 27.45 | 12.26 |
| 130-C-2 | 37 34.13 | -78 29.60 | 544.82 | 979948.868 | 33.72 | 15.13 |
| 130-C-3 | 37 31.70 | -78 29.50 | *193.23 | 979938.305 | 35.05 | 13.43 |
| 130-C-4 | 37 32.68 | -78 28.30 | 661.54 | 979938.065 | 35.95 | 13.39 |
| 130-C-5 | 37 32.60 | -78 27.10 | *197.81 | 979940.081 | 36.93 | 14.79 |
| 130-C-6 | 37 34.20 | -78 25.50 | *183.80 | 979941.910 | 32.11 | 11.54 |
| 130-C-7 | 37 36.80 | -78 22.70 | *166.53 | 979945.499 | 26.59 | 7.96 |
| 130-C-8-UE1 | 37 32.20 | -78 25.00 | *174.65 | 979946.396 | 36.68 | 17.13 |
| 130-C-9UE2 | 37 31.72 | -78 24.43 | 551.00 | 979947.237 | 36.15 | 17.35 |
| 130-C-10UE3 | 37 30.38 | -78 26.78 | 498.00 | 979949.069 | 34.93 | 17.94 |
| 130-C-11UE4 | 37 30.38 | -78 28.92 | 637.00 | 979939.711 | 38.65 | 16.92 |
| 130-C-12UE5 | 37 36.07 | -78 23.58 | 598.00 | 979942.924 | 29.94 | 9.54 |
| 130-C-13UE6 | 37 37.43 | -78 24.68 | 533.00 | 979943.875 | 22.79 | 4.61 |
| 130-C-14UE7 | 37 35.62 | -78 28.28 | 495.00 | 979953.105 | 31.08 | 14.20 |
| 130-C-15UE8 | 37 35.02 | -78 26.67 | 579.00 | 979941.607 | 28.36 | 8.61 |
| 130-C-16UE9 | 37 36.53 | -78 26.57 | 490.00 | 979949.177 | 25.35 | 8.64 |
| 130-D-1 | 37 37.40 | -78 22.20 | *161.01 | 979945.942 | 24.46 | 6.44 |
| 130-D-2 | 37 37.30 | -78 20.30 | *131.96 | 979954.322 | 24.02 | 9.25 |
| 130-D-3 | 37 35.00 | -78 22.50 | *149.14 | 979952.194 | 30.53 | 13.85 |
| 130-D-4 | 37 35.70 | -78 19.30 | *138.33 | 979958.521 | 32.51 | 17.03 |
| 130-D-5 | 37 31.80 | -78 20.30 | *128.44 | 979958.323 | 34.92 | 20.55 |
| 130-D-6 | 37 31.30 | -78 22.20 | *142.82 | 979952.080 | 33.84 | 17.86 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 130-D-7 | 37 36.30 | -78 21.70 | *151.86 | 979950.233 | 27.52 | 10.53 |
| 130-D-8 | 37 35.70 | -78 20.80 | *138.02 | 979956.911 | 30.80 | 15.36 |
| 130-D-9 | 37 34.90 | -78 18.80 | *127.98 | 979962.844 | 34.80 | 20.48 |
| 130-D-10 | 37 34.20 | -78 17.90 | *107.64 | 979965.919 | 32.62 | 20.57 |
| 130-D-11UE1 | 37 32.30 | -78 21.70 | *138.68 | 979953.651 | 32.69 | 17.17 |
| 130-D-12 | 37 33.70 | -78 17.60 | *106.86 | 979964.371 | 31.55 | 19.59 |
| 130-D-13 | 37 35.40 | -78 16.30 | * 90.00 | 979967.557 | 27.07 | 17.00 |
| 130-D-14UE2 | 37 36.97 | -78 16.93 | 406.00 | 979957.136 | 24.78 | 10.93 |
| 130-D-15UE3 | 37 34.55 | -78 20.85 | 475.00 | 979958.266 | 35.91 | 19.71 |
| 130-D-16UE4 | 37 33.32 | -78 20.43 | 377.00 | 979963.744 | 33.96 | 21.10 |
| 129-A-1 | 37 44.10 | -78 3.20 | *102.04 | 979964.199 | 14.78 | 3.36 |
| 129-A-2 | 37 43.50 | -78 0.70 | * 98.32 | 979967.064 | 17.37 | 6.36 |
| 129-A-3 | 37 41.00 | -78 1.30 | *107.51 | 979963.094 | 19.87 | 7.84 |
| 129-A-4 | 37 37.50 | -78 3.60 | *101.48 | 979961.151 | 21.15 | 9.80 |
| 129-A-5 | 37 39.60 | -78 7.10 | 339.40 | 979959.941 | 17.49 | 5.92 |
| 129-A-6 | 37 38.83 | -78 5.13 | 194.73 | 979968.851 | 13.91 | 7.27 |
| 129-A-7 | 37 38.75 | -78 0.53 | 185.84 | 979974.384 | 18.73 | 12.39 |
| 129-B-1 | 37 40.20 | -78 10.20 | * 65.56 | 979967.927 | 12.92 | 5.58 |
| 129-B-2 | 37 42.00 | -78 11.20 | *109.49 | 979957.796 | 13.73 | 1.47 |
| 129-B-3 | 37 43.40 | -78 10.40 | *117.28 | 979958.287 | 14.58 | 1.46 |
| 129-B-4 | 37 40.80 | -78 13.10 | *112.35 | 979956.639 | 15.19 | 2.63 |
| 129-C-1 BASE | 37 30.29 | -78 14.38 | *138.98 | 979944.424 | 26.47 | 10.91 |
| 129-C-2 | 37 36.80 | -78 9.30 | *121.41 | 979954.784 | 21.97 | 8.37 |
| 129-C-3 | 37 34.00 | -78 8.17 | 265.27 | 979962.295 | 21.02 | 11.96 |
| 129-C-4 | 37 36.28 | -78 13.67 | 278.77 | 979965.925 | 22.60 | 13.09 |
| 129-C-5 | 37 30.68 | -78 12.70 | 466.57 | 979944.770 | 27.24 | 11.32 |
| 129-C-6 | 37 31.77 | -78 14.73 | 422.64 | 979949.034 | 25.80 | 11.38 |
| 129-C-7 | 37 36.63 | -78 11.60 | 325.46 | 979959.481 | 20.03 | 8.93 |
| 129-D-1 | 37 33.20 | -78 4.50 | *105.19 | 979959.239 | 26.63 | 14.86 |
| 129-D-2 | 37 31.30 | -78 0.50 | *101.57 | 979962.572 | 31.61 | 20.24 |
| 129-D-3 | 37 30.10 | -78 2.20 | *111.10 | 979958.348 | 32.07 | 19.63 |
| 129-D-4 | 37 35.70 | -78 3.80 | *106.49 | 979959.710 | 23.87 | 11.96 |

## APPENDIX III: PRINCIPAL FACTS FOR POINTS IN SHEET 8

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 105-A-1 | 37 25.60 | -78 49.50 | *229.50 | 979922.558 | 39.34 | 13.66 |
| 105-A-2 | 37 25.90 | -78 51.40 | *228.02 | 979916.910 | 32.80 | 7.29 |
| 105-A-3 | 37 24.30 | -78 51.20 | *225.32 | 979917.770 | 35.15 | 9.94 |
| 105-A-4 | 37 26.30 | -78 45.30 | *191.03 | 979939.014 | 42.91 | 21.54 |
| 105-A-5 | 37 29.50 | -78 46.10 | *208.98 | 979931.511 | 36.31 | 12.92 |
| 105-A-6 | 37 29.00 | -78 48.20 | *209.14 | 979925.734 | 31.30 | 7.90 |
| 105-A-7 | 37 29.00 | -78 50.30 | *190.43 | 979924.546 | 24.34 | 3.03 |
| 105-A-8 | 37 29.60 | -78 52.10 | *248.06 | 979904.961 | 21.67 | -6.09 |
| 105-A-9 | 37 23.47 | -78 47.08 | 735.66 | 979926.792 | 45.04 | 19.95 |
| 105-A-10 | 37 24.68 | -78 45.85 | 824.96 | 979924.860 | 49.74 | 21.61 |
| 105-A-11 | 37 27.73 | -78 51.57 | 761.43 | 979915.800 | 30.28 | 4.31 |
| 105-B-1 | 37 25.80 | -78 53.00 | *216.68 | 979916.308 | 28.85 | 4.60 |
| 105-B-2 | 37 26.30 | -78 54.50 | *162.74 | 979924.482 | 19.65 | 1.44 |
| 105-B-3 | 37 24.60 | -78 55.70 | *227.03 | 979911.301 | 28.78 | 3.37 |
| 105-B-4 | 37 27.20 | -78 56.20 | *223.99 | 979909.859 | 22.62 | -2.44 |
| 105-B-5 | 37 28.20 | -78 57.20 | *185.52 | 979914.923 | 14.36 | -6.40 |
| 105-C-1 | 37 19.15 | -78 55.32 | 775.55 | 979907.934 | 36.19 | 9.74 |
| 105-C-2 | 37 22.40 | -78 55.90 | *232.23 | 979910.311 | 32.58 | 6.59 |
| 105-C-3 | 37 16.30 | -78 57.20 | *243.33 | 979894.229 | 28.76 | 1.54 |
| 105-C-4 | 37 16.50 | -78 58.40 | *238.77 | 979894.510 | 27.35 | 0.63 |
| 105-C-5 | 37 21.50 | -78 52.58 | 835.88 | 979913.290 | 43.82 | 15.31 |
| 105-C-6 | 37 21.10 | -78 54.58 | 906.86 | 979902.820 | 40.60 | 9.67 |
| 105-C-7 | 37 20.98 | -78 56.52 | 829.84 | 979906.220 | 36.93 | 8.63 |
| 105-C-8 | 37 21.00 | -78 58.45 | 850.91 | 979901.543 | 34.21 | 5.19 |
| 105-C-9 | 37 21.08 | -78 59.42 | 765.64 | 979905.012 | 29.54 | 3.42 |
| 105-C-10 | 37 17.97 | -78 54.85 | 751.20 | 979903.019 | 30.70 | 5.08 |
| 105-D-1 BASE | 37 22.40 | -78 49.00 | *252.87 | 979916.905 | 45.56 | 17.27 |
| 105-D-2 | 37 15.20 | -78 52.00 | *231.00 | 979903.026 | 35.35 | 9.50 |
| 105-D-3 | 37 15.30 | -78 50.00 | *229.13 | 979904.885 | 36.49 | 10.85 |
| 105-D-4 | 37 15.40 | -78 48.50 | *216.32 | 979907.957 | 35.46 | 11.25 |
| 105-D-5 | 37 16.40 | -78 46.80 | *197.83 | 979914.420 | 34.77 | 12.63 |
| 105-D-6 | 37 16.00 | -78 45.60 | *201.96 | 979913.849 | 36.05 | 13.45 |
| 105-D-7 | 37 21.78 | -78 50.05 | 882.33 | 979910.393 | 44.88 | 14.79 |
| 105-D-8 | 37 21.32 | -78 49.80 | 860.68 | 979911.877 | 45.00 | 15.64 |
| 105-D-9 | 37 21.22 | -78 49.30 | 821.45 | 979915.267 | 44.85 | 16.83 |
| 105-D-10 | 37 20.58 | -78 48.13 | 748.83 | 979922.842 | 46.51 | 20.97 |
| 105-D-11 | 37 20.18 | -78 47.42 | 705.64 | 979925.203 | 45.39 | 21.32 |
| 105-D-12 | 37 19.10 | -78 45.98 | 731.72 | 979917.819 | 42.03 | 17.07 |
| 105-D-13 | 37 19.18 | -78 50.02 | 840.09 | 979910.018 | 44.30 | 15.65 |
| 105-D-14 | 37 17.48 | -78 49.57 | 756.38 | 979910.183 | 39.05 | 13.26 |
| 105-D-15 | 37 21.65 | -78 51.58 | 799.27 | 979914.311 | 41.18 | 13.92 |
| 105-D-16 | 37 18.75 | -78 45.55 | 645.46 | 979921.445 | 38.05 | 16.03 |
| 104-A-1 | 37 30.00 | -78 31.40 | *202.90 | 979934.175 | 36.37 | 13.66 |
| 104-A-2 | 37 28.50 | -78 31.10 | *179.28 | 979938.053 | 35.13 | 15.07 |
| 104-A-3 | 37 26.80 | -78 30.40 | *162.92 | 979942.887 | 37.39 | 19.16 |
| 104-A-4 | 37 25.90 | -78 31.50 | *172.77 | 979936.945 | 35.79 | 16.45 |
| 104-A-5 | 37 24.60 | -78 33.30 | *202.40 | 979925.710 | 35.58 | 12.94 |
| 104-A-6 | 37 23.70 | -78 31.60 | *183.97 | 979927.990 | 33.48 | 12.90 |
| 104-A-7 | 37 23.30 | -78 33.80 | *175.86 | 979929.189 | 32.76 | 13.08 |
| 104-A-8 | 37 28.80 | -78 32.90 | *201.27 | 979931.840 | 35.27 | 12.75 |
| 104-A-9 | 37 27.90 | -78 34.70 | *198.66 | 979928.205 | 32.14 | 9.91 |
| 104-A-10 | 37 29.60 | -78 35.80 | *167.85 | 979937.802 | 29.76 | 10.98 |
| 104-A-11 | 37 26.80 | -78 35.30 | *179.57 | 979931.413 | 31.05 | 10.96 |
| 104-A-12 | 37 25.60 | -78 35.60 | *182.16 | 979931.261 | 33.44 | 13.05 |
| 104-A-13 | 37 25.20 | -78 36.40 | *206.73 | 979925.048 | 35.39 | 12.26 |
| 104-A-14 | 37 23.90 | -78 37.20 | *174.67 | 979927.317 | 29.65 | 10.10 |
| 104-A-15UE1 | 37 27.37 | -78 33.15 | 632.00 | 979931.628 | 34.47 | 12.91 |
| 104-A-16UE2 | 37 25.02 | -78 34.25 | 638.00 | 979928.150 | 34.97 | 13.21 |
| 104-B-1 | 37 26.10 | -78 38.10 | *210.55 | 979923.170 | 33.38 | 9.82 |
| 104-B-2 | 37 28.80 | -78 39.10 | *187.64 | 979930.790 | 30.01 | 9.02 |
| 104-B-3 | 37 27.40 | -78 41.10 | *227.12 | 979925.188 | 38.63 | 13.21 |
| 104-B-4 | 37 26.30 | -78 39.90 | *203.05 | 979926.933 | 34.54 | 11.82 |
| 104-B-5 | 37 29.20 | -78 41.90 | *235.25 | 979923.777 | 37.11 | 10.79 |

* Denotes elevation in meters.

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 104-B-6 | 37 22.90 | -78 38.50 | *183.69 | 979924.847 | 31.41 | 10.86 |
| 104-B-7 | 37 23.90 | -78 41.40 | *202.19 | 979926.766 | 37.59 | 14.97 |
| 104-B-8 | 37 23.80 | -78 43.00 | *240.47 | 979923.547 | 46.33 | 19.42 |
| 104-B-9 | 37 27.00 | -78 43.00 | *258.86 | 979924.394 | 48.21 | 19.24 |
| 104-B-10UE1 | 37 29.63 | -78 39.95 | 634.00 | 979929.614 | 29.35 | 7.73 |
| 104-B-11UE2 | 37 28.03 | -78 39.80 | 658.00 | 979929.016 | 33.34 | 10.89 |
| 104-B-12UE3 | 37 27.55 | -78 37.72 | 608.00 | 979928.807 | 29.13 | 8.39 |
| 104-C-1 | 37 21.20 | -78 38.00 | *191.40 | 979921.729 | 33.14 | 11.72 |
| 104-C-2 | 37 19.70 | -78 38.80 | *197.17 | 979918.057 | 33.42 | 11.36 |
| 104-C-3 | 37 18.80 | -78 38.00 | *136.80 | 979927.174 | 25.21 | 9.90 |
| 104-C-4 | 37 16.00 | -78 39.00 | *225.72 | 979905.637 | 35.17 | 9.91 |
| 104-C-5 | 37 20.00 | -78 41.40 | *187.21 | 979922.668 | 34.52 | 13.57 |
| 104-C-6 | 37 20.80 | -78 42.40 | *180.26 | 979926.237 | 34.79 | 14.62 |
| 104-C-7 | 37 21.40 | -78 44.10 | *210.57 | 979926.359 | 43.39 | 19.83 |
| 104-C-8 | 37 20.80 | -78 45.00 | *223.73 | 979922.743 | 44.71 | 19.67 |
| 104-C-9 | 37 18.18 | -78 44.83 | 730.14 | 979913.360 | 38.75 | 13.85 |
| 104-C-10 | 37 17.22 | -78 43.43 | 716.97 | 979913.845 | 39.40 | 14.94 |
| 104-C-11 | 37 16.70 | -78 41.88 | 706.88 | 979913.506 | 38.86 | 14.75 |
| 104-C-12 | 37 16.77 | -78 37.55 | 703.99 | 979909.807 | 34.79 | 10.78 |
| 104-D-1 | 37 18.63 | -78 30.03 | 531.37 | 979929.046 | 35.04 | 16.97 |
| 104-D-2 | 37 18.33 | -78 31.22 | 513.88 | 979928.265 | 33.09 | 15.57 |
| 104-D-3 | 37 19.50 | -78 34.10 | *171.03 | 979922.742 | 30.33 | 11.19 |
| 104-D-4 | 37 20.80 | -78 34.10 | *169.52 | 979924.523 | 29.76 | 10.79 |
| 104-D-5 | 37 22.00 | -78 37.00 | *200.36 | 979919.011 | 32.03 | 9.61 |
| 104-D-6 | 37 17.10 | -78 36.80 | *212.68 | 979910.604 | 34.52 | 10.72 |
| 104-D-7 | 37 17.27 | -78 36.65 | 695.06 | 979910.847 | 34.26 | 10.56 |
| 104-D-8 | 37 18.03 | -78 34.02 | 586.94 | 979919.890 | 32.03 | 12.01 |
| 104-D-9 | 37 18.15 | -78 33.15 | 530.44 | 979925.346 | 32.00 | 13.91 |
| 104-D-10 | 37 18.30 | -78 31.72 | 571.88 | 979924.829 | 35.16 | 15.66 |
| 103-A-1 | 37 29.60 | -78 21.30 | *107.12 | 979954.748 | 27.96 | 15.98 |
| 103-A-1-W | 37 28.70 | -78 16.80 | *140.72 | 979942.865 | 27.76 | 12.01 |
| 103-A-2 | 37 27.70 | -78 17.00 | *148.04 | 979939.624 | 28.23 | 11.66 |
| 103-A-3 | 37 27.10 | -78 18.90 | *140.66 | 979940.586 | 27.78 | 12.04 |
| 103-A-4 | 37 25.40 | -78 20.80 | *138.69 | 979938.716 | 27.77 | 12.25 |
| 103-A-5 | 37 25.20 | -78 18.80 | *141.02 | 979937.178 | 27.24 | 11.46 |
| 103-A-6 | 37 24.00 | -78 16.90 | *130.14 | 979938.095 | 26.54 | 11.98 |
| 103-A-7 | 37 23.50 | -78 18.90 | *136.79 | 979936.550 | 27.77 | 12.46 |
| 103-A-8 | 37 23.37 | -78 22.32 | 477.61 | 979933.966 | 28.09 | 11.80 |
| 103-A-9 | 37 27.30 | -78 18.63 | 467.38 | 979940.279 | 27.73 | 11.79 |
| 103-A-10 | 37 29.03 | -78 19.27 | 278.41 | 979955.440 | 22.60 | 13.11 |
| 103-A-11 | 37 25.15 | -78 17.03 | 380.22 | 979942.075 | 24.45 | 11.48 |
| 103-A-12 | 37 22.77 | -78 21.20 | 505.17 | 979930.143 | 27.73 | 10.50 |
| 103-B-1 | 37 30.00 | -78 23.50 | *149.46 | 979948.289 | 33.99 | 17.26 |
| 103-B-2 | 37 29.60 | -78 28.50 | *185.59 | 979939.791 | 37.22 | 16.45 |
| 103-B-3 | 37 27.80 | -78 28.10 | *175.87 | 979940.790 | 37.83 | 18.15 |
| 103-B-4 | 37 25.40 | -78 27.30 | *138.55 | 979944.089 | 33.10 | 17.59 |
| 103-B-5 | 37 23.40 | -78 29.10 | *171.73 | 979932.780 | 34.92 | 15.71 |
| 103-B-6 | 37 23.20 | -78 27.30 | *138.38 | 979939.834 | 31.98 | 16.50 |
| 103-B-7 | 37 25.50 | -78 25.50 | *137.55 | 979943.834 | 32.39 | 17.00 |
| 103-B-8 | 37 26.20 | -78 24.50 | * 96.68 | 979952.451 | 27.38 | 16.56 |
| 103-B-9 | 37 28.80 | -78 23.60 | *144.99 | 979948.066 | 34.13 | 17.91 |
| 103-B-10UE1 | 37 25.27 | -78 28.57 | 460.00 | 979942.093 | 31.80 | 16.11 |
| 103-B-11UE2 | 37 26.68 | -78 29.12 | 405.00 | 979951.447 | 33.93 | 20.12 |
| 103-B-12UE3 | 37 29.32 | -78 24.90 | 451.00 | 979950.781 | 33.77 | 18.39 |
| 103-B-13UE4 | 37 29.57 | -78 26.97 | 523.00 | 979946.176 | 35.57 | 17.73 |
| 103-B-14UE5 | 37 28.80 | -78 28.40 | 590.00 | 979940.810 | 37.62 | 17.50 |
| 103-C-1 | 37 21.00 | -78 28.70 | *141.49 | 979936.657 | 32.95 | 17.12 |
| 103-C-2 BASE | 37 17.49 | -78 23.90 | *121.83 | 979932.858 | 28.17 | 14.53 |
| 103-C-3 | 37 20.30 | -78 23.40 | *148.46 | 979929.026 | 28.49 | 11.88 |
| 103-C-4 | 37 15.90 | -78 24.00 | *132.79 | 979929.297 | 30.30 | 15.44 |
| 103-C-5 | 37 18.80 | -78 25.30 | *106.00 | 979936.430 | 24.96 | 13.10 |
| 103-C-6 | 37 19.00 | -78 27.60 | *155.49 | 979929.857 | 33.37 | 15.97 |
| 103-C-7 | 37 15.10 | -78 27.60 | *161.07 | 979926.279 | 37.17 | 19.14 |
| 103-C-8 | 37 15.30 | -78 30.00 | *143.08 | 979929.299 | 34.34 | 18.33 |
| 103-C-10 | 37 18.92 | -78 28.47 | 501.08 | 979930.675 | 33.46 | 16.36 |
| 103-C-11 | 37 18.95 | -78 27.35 | 440.08 | 979934.177 | 31.17 | 16.16 |
| 103-C-12 | 37 18.12 | -78 23.48 | 303.59 | 979938.758 | 24.12 | 13.77 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 103-C-13 | 37 18.25 | -78 23.55 | 319.31 | 979937.597 | 24.25 | 13.35 |
| 103-C-14 | 37 18.42 | -78 23.22 | 320.16 | 979937.412 | 23.90 | 12.98 |
| 103-C-15 | 37 18.45 | -78 23.37 | 310.98 | 979938.343 | 23.92 | 13.31 |
| 103-C-16 | 37 22.50 | -78 25.02 | 415.82 | 979936.221 | 25.79 | 11.61 |
| 103-D-1 | 37 15.60 | -78 16.90 | *141.20 | 979928.513 | 32.54 | 16.74 |
| 103-D-2 | 37 19.18 | -78 16.57 | 438.69 | 979932.656 | 29.18 | 14.22 |
| 103-D-3 | 37 17.50 | -78 22.45 | 426.66 | 979930.860 | 28.69 | 14.14 |
| 103-D-4 | 37 16.83 | -78 21.82 | 308.45 | 979936.636 | 24.31 | 13.79 |
| 103-D-5 | 37 16.70 | -78 21.07 | 301.77 | 979936.608 | 23.85 | 13.56 |
| 103-D-6 | 37 16.52 | -78 19.32 | 310.56 | 979935.964 | 24.30 | 13.71 |
| 103-D-7 | 37 15.42 | -78 16.80 | 475.66 | 979927.953 | 33.41 | 17.19 |
| 103-D-8 | 37 16.40 | -78 17.12 | 501.40 | 979924.481 | 30.94 | 13.84 |
| 102-A-1 | 37 26.90 | -78 5.80 | * 82.53 | 979958.620 | 28.17 | 18.93 |
| 102-A-2 | 37 25.10 | -78 4.60 | *122.75 | 979947.201 | 31.77 | 18.03 |
| 102-A-3 | 37 26.00 | -78 3.30 | *116.31 | 979950.326 | 31.60 | 18.59 |
| 102-A-4 | 37 26.40 | -78 1.40 | *111.82 | 979954.103 | 33.41 | 20.90 |
| 102-A-5 | 37 28.10 | -78 0.20 | *109.56 | 979957.812 | 33.96 | 21.70 |
| 102-A-6 | 37 24.10 | -78 3.80 | *101.95 | 979950.303 | 29.90 | 18.49 |
| 102-A-7 | 37 22.70 | -78 0.30 | *104.35 | 979950.632 | 33.00 | 21.33 |
| 102-B-1 | 37 29.70 | -78 11.10 | *124.76 | 979949.140 | 27.65 | 13.69 |
| 102-B-2 | 37 28.70 | -78 7.50 | *115.54 | 979952.068 | 29.19 | 16.26 |
| 102-B-3 | 37 27.50 | -78 14.80 | *130.20 | 979943.912 | 27.30 | 12.73 |
| 102-B-4 | 37 24.10 | -78 14.50 | *125.34 | 979941.011 | 27.83 | 13.80 |
| 102-B-5 | 37 22.80 | -78 7.70 | *132.91 | 979943.876 | 34.92 | 20.04 |
| 102-B-6 | 37 23.90 | -78 11.20 | *120.74 | 979946.070 | 31.76 | 18.25 |
| 102-B-7 | 37 25.72 | -78 9.47 | 387.10 | 979948.786 | 30.99 | 17.78 |
| 102-B-8 | 37 27.48 | -78 9.02 | 272.13 | 979957.327 | 26.15 | 16.87 |
| 102-B-9 | 37 26.78 | -78 13.17 | 329.69 | 979949.732 | 24.99 | 13.74 |
| 102-B-10 | 37 25.10 | -78 13.98 | 383.71 | 979943.779 | 26.55 | 13.47 |
| 102-C-1 | 37 22.10 | -78 9.40 | *140.21 | 979938.840 | 33.15 | 17.46 |
| 102-C-2 | 37 19.30 | -78 12.80 | *146.93 | 979933.545 | 33.98 | 17.54 |
| 102-C-3 | 37 16.50 | -78 14.10 | *158.31 | 979926.757 | 34.76 | 17.05 |
| 102-C-4 | 37 16.70 | -78 11.40 | *117.56 | 979940.322 | 35.46 | 22.31 |
| 102-C-5 | 37 16.40 | -78 8.80 | *124.62 | 979929.905 | 27.66 | 13.72 |
| 102-C-6 | 37 20.20 | -78 14.40 | *129.16 | 979938.593 | 32.24 | 17.79 |
| 102-C-7 | 37 19.67 | -78 10.05 | 454.73 | 979934.467 | 31.80 | 16.29 |
| 102-C-8 | 37 19.75 | -78 8.47 | 411.83 | 979936.863 | 30.04 | 15.99 |
| 102-C-9 | 37 15.42 | -78 8.37 | 481.95 | 979922.246 | 28.30 | 11.86 |
| 102-D-1 | 37 21.20 | -78 6.60 | *123.03 | 979945.129 | 35.44 | 21.67 |
| 102-D-2 | 37 19.00 | -78 5.70 | *119.84 | 979940.999 | 33.51 | 20.10 |
| 102-D-3 | 37 19.60 | -78 3.70 | *125.12 | 979941.037 | 34.31 | 20.31 |
| 102-D-4 | 37 21.00 | -78 2.90 | *120.03 | 979944.540 | 34.22 | 20.78 |
| 102-D-5 | 37 17.57 | -78 5.73 | 451.73 | 979933.432 | 33.53 | 18.12 |
| 102-D-6 | 37 20.15 | -78 6.65 | 353.69 | 979945.604 | 32.73 | 20.67 |
| 102-D-7 | 37 18.70 | -78 3.58 | 414.81 | 979939.667 | 34.65 | 20.50 |
| 75-A-1 | 37 13.70 | -78 48.70 | *215.84 | 979905.075 | 34.89 | 10.74 |
| 75-A-2 | 37 11.20 | -78 48.70 | *227.78 | 979896.780 | 33.90 | 8.41 |
| 75-A-3 | 37 10.20 | -78 48.20 | *230.09 | 979891.732 | 31.01 | 5.26 |
| 75-A-4 | 37 8.70 | -78 45.00 | *177.53 | 979901.653 | 26.88 | 7.02 |
| 75-A-5 | 37 8.30 | -78 49.60 | *212.83 | 979891.273 | 27.98 | 4.16 |
| 75-A-6 | 37 10.10 | -78 51.00 | *218.43 | 979894.997 | 30.82 | 6.38 |
| 75-A-7 | 37 11.30 | -78 49.80 | *233.46 | 979896.442 | 35.17 | 9.05 |
| 75-A-8 | 37 14.83 | -78 45.02 | 651.05 | 979912.065 | 34.87 | 12.66 |
| 75-B-1 | 37 11.60 | -78 54.50 | *204.32 | 979901.321 | 30.62 | 7.76 |
| 75-B-2 | 37 13.20 | -78 54.60 | *231.23 | 979898.073 | 33.36 | 7.49 |
| 75-B-3 | 37 8.70 | -78 53.70 | *154.11 | 979903.563 | 21.56 | 4.32 |
| 75-B-4 | 37 8.30 | -78 56.10 | *193.73 | 979895.358 | 26.16 | 4.49 |
| 75-B-5 | 37 11.00 | -78 58.40 | *178.62 | 979897.105 | 19.34 | -0.65 |
| 75-B-6 | 37 9.10 | -78 59.00 | *156.08 | 979900.132 | 18.16 | 0.70 |
| 75-C-1 | 37 5.20 | -78 52.80 | *187.60 | 979886.867 | 20.26 | -0.73 |
| 75-C-2 | 37 4.20 | -78 59.80 | *168.66 | 979888.992 | 17.99 | -0.88 |
| 75-C-3 | 37 6.37 | -78 53.35 | 670.15 | 979885.559 | 22.41 | -0.45 |
| 75-C-4 | 37 4.72 | -78 54.55 | 622.41 | 979883.570 | 18.32 | -2.91 |
| 75-C-5 | 37 3.53 | -78 55.73 | 547.36 | 979885.505 | 14.50 | -3.77 |
| 75-D-1 | 37 6.80 | -78 50.10 | *202.33 | 979889.732 | 25.36 | 2.72 |
| 75-D-2 | 37 1.20 | -78 49.40 | *163.00 | 979892.374 | 23.96 | 5.72 |
| 75-D-3 | 37 3.00 | -78 51.02 | 568.55 | 979890.741 | 22.90 | 3.51 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 75-D-4 | 37 2.43 | -78 49.60 | 456.40 | 979898.666 | 21.10 | 5.53 |
| 75-D-5 | 37 0.82 | -78 45.93 | 450.19 | 979900.782 | 24.96 | 9.61 |
| 75-D-6 | 37 4.08 | -78 46.87 | 546.05 | 979898.374 | 26.85 | 8.23 |
| 75-D-7 | 37 5.50 | -78 47.35 | 598.62 | 979895.640 | 27.02 | 6.60 |
| 75-D-8 | 37 7.22 | -78 45.48 | 492.29 | 979904.772 | 23.66 | 6.87 |
| 75-D-9 | 37 4.70 | -78 45.07 | 462.48 | 979905.697 | 25.42 | 9.65 |
| 74-A-1 | 37 11.90 | -78 35.70 | *180.95 | 979917.455 | 39.11 | 18.86 |
| 74-A-2 | 37 12.20 | -78 33.90 | *164.48 | 979920.407 | 36.54 | 18.14 |
| 74-A-3 | 37 13.60 | -78 31.00 | *136.97 | 979928.042 | 33.66 | 18.34 |
| 74-A-4 | 37 14.70 | -78 36.30 | *196.89 | 979913.200 | 35.72 | 13.69 |
| 74-A-5 | 37 8.50 | -78 31.70 | *189.78 | 979910.222 | 39.52 | 18.29 |
| 74-A-6 | 37 9.90 | -78 31.00 | *180.42 | 979915.436 | 39.82 | 19.63 |
| 74-A-7 | 37 12.88 | -78 32.30 | 501.38 | 979923.645 | 35.19 | 18.09 |
| 74-A-8 | 37 14.05 | -78 33.22 | 537.13 | 979921.628 | 34.85 | 16.53 |
| 74-A-9 | 37 14.55 | -78 34.85 | 573.09 | 979918.599 | 34.48 | 14.93 |
| 74-A-10 | 37 8.28 | -78 32.73 | 551.03 | 979915.061 | 37.93 | 19.14 |
| 74-B-1 | 37 11.60 | -78 41.10 | *209.29 | 979905.367 | 36.20 | 12.78 |
| 74-B-2 | 37 11.60 | -78 39.60 | *215.27 | 979906.717 | 39.40 | 15.31 |
| 74-B-3 | 37 11.60 | -78 37.60 | *197.95 | 979911.145 | 38.48 | 16.33 |
| 74-B-4 | 37 10.20 | -78 42.30 | *203.50 | 979901.045 | 32.12 | 9.35 |
| 74-B-5 | 37 8.50 | -78 42.20 | *194.99 | 979901.198 | 32.10 | 10.29 |
| 74-B-6 | 37 7.90 | -78 43.60 | *193.73 | 979899.586 | 30.97 | 9.29 |
| 74-B-7 | 37 7.97 | -78 38.60 | 573.62 | 979911.385 | 36.84 | 17.28 |
| 74-B-8 | 37 8.97 | -78 38.05 | 603.95 | 979911.289 | 38.15 | 17.55 |
| 74-B-9 | 37 10.15 | -78 37.95 | 598.02 | 979914.472 | 39.06 | 18.67 |
| 74-B-10 | 37 10.97 | -78 38.33 | 648.38 | 979909.771 | 37.92 | 15.80 |
| 74-B-11 | 37 11.57 | -78 38.43 | 681.04 | 979908.567 | 38.92 | 15.69 |
| 74-B-12 | 37 13.78 | -78 40.93 | 687.64 | 979910.304 | 38.07 | 14.61 |
| 74-B-13 | 37 14.22 | -78 43.25 | 641.02 | 979912.907 | 35.66 | 13.79 |
| 74-C-1 BASE | 37 3.90 | -78 37.98 | *177.70 | 979904.854 | 37.07 | 17.18 |
| 74-C-2 | 37 5.20 | -78 38.60 | *161.57 | 979909.308 | 34.67 | 16.59 |
| 74-C-3 | 37 2.70 | -78 37.50 | *166.07 | 979905.169 | 35.54 | 16.96 |
| 74-C-4 | 37 4.78 | -78 44.58 | 495.64 | 979903.822 | 26.55 | 9.64 |
| 74-C-5 | 37 4.47 | -78 43.47 | 506.61 | 979904.019 | 28.23 | 10.95 |
| 74-C-6 | 37 0.28 | -78 38.28 | 356.82 | 979910.195 | 26.37 | 14.19 |
| 74-C-7 | 37 1.13 | -78 39.12 | 521.30 | 979902.069 | 32.48 | 14.70 |
| 74-C-8 | 37 1.38 | -78 39.45 | 533.68 | 979901.541 | 32.76 | 14.55 |
| 74-C-9 | 37 1.17 | -78 40.65 | 372.80 | 979909.691 | 26.09 | 13.37 |
| 74-C-10 | 37 1.18 | -78 42.03 | 536.75 | 979898.743 | 30.54 | 12.23 |
| 74-C-11 | 37 1.93 | -78 42.33 | 528.11 | 979900.703 | 30.60 | 12.59 |
| 74-C-12 | 37 2.75 | -78 42.97 | 565.16 | 979899.004 | 31.21 | 11.93 |
| 74-C-13 | 37 3.80 | -78 43.38 | 472.86 | 979905.034 | 27.04 | 10.91 |
| 74-C-14 | 37 6.07 | -78 38.62 | 488.20 | 979913.555 | 33.72 | 17.07 |
| 74-C-15 | 37 7.03 | -78 38.97 | 530.68 | 979912.069 | 34.84 | 16.74 |
| 74-D-1 | 37 3.70 | -78 36.20 | *163.48 | 979908.483 | 36.61 | 18.31 |
| 74-D-2 | 37 3.10 | -78 34.60 | *132.28 | 979913.157 | 32.52 | 17.72 |
| 74-D-3 | 37 2.60 | -78 32.80 | *161.91 | 979905.841 | 35.07 | 16.95 |
| 74-D-4 | 37 2.80 | -78 30.80 | *175.27 | 979905.072 | 38.16 | 18.54 |
| 74-D-5 | 37 2.10 | -78 37.20 | *134.34 | 979910.448 | 31.89 | 16.86 |
| 74-D-6 | 37 0.20 | -78 36.50 | *140.58 | 979906.079 | 32.19 | 16.46 |
| 74-D-7 | 37 0.97 | -78 36.83 | 431.41 | 979908.938 | 31.14 | 16.42 |
| 74-D-8 | 37 6.35 | -78 30.18 | 530.29 | 979911.389 | 35.11 | 17.02 |
| 73-A-1 | 37 13.40 | -78 20.70 | *141.21 | 979926.062 | 33.28 | 17.48 |
| 73-A-2 | 37 12.40 | -78 20.00 | *156.05 | 979922.297 | 35.55 | 18.08 |
| 73-A-3 | 37 12.40 | -78 18.50 | *147.86 | 979924.943 | 35.66 | 19.12 |
| 73-A-4 | 37 12.30 | -78 16.20 | *162.31 | 979923.336 | 38.66 | 20.50 |
| 73-A-5 | 37 11.20 | -78 22.40 | *156.08 | 979921.024 | 36.02 | 18.55 |
| 73-A-6 | 37 14.62 | -78 15.00 | 561.09 | 979920.504 | 35.17 | 16.03 |
| 73-A-7 | 37 12.43 | -78 21.63 | 520.61 | 979921.766 | 35.77 | 18.02 |
| 73-A-8 | 37 7.72 | -78 22.27 | 535.35 | 979918.586 | 40.80 | 22.55 |
| 73-A-9 | 37 9.37 | -78 22.03 | 530.18 | 979916.065 | 35.41 | 17.33 |
| 73-A-10 | 37 14.88 | -78 15.75 | 565.32 | 979921.828 | 36.49 | 17.21 |
| 73-A-11 | 37 9.13 | -78 16.97 | 591.91 | 979917.126 | 42.61 | 22.43 |
| 73-A-12 | 37 10.47 | -78 17.53 | 573.60 | 979919.930 | 41.77 | 22.20 |
| 73-A-13 | 37 8.03 | -78 18.82 | 619.76 | 979914.244 | 43.94 | 22.81 |
| 73-A-14 | 37 7.70 | -78 19.13 | 583.87 | 979916.119 | 42.92 | 23.01 |
| 73-B-1 | 37 11.90 | -78 29.00 | *175.00 | 979919.734 | 39.55 | 19.97 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 73-B-2 | 37 13.60 | -78 28.10 | *167.60 | 979923.631 | 38.71 | 19.95 |
| 73-B-3 | 37 10.50 | -78 26.30 | *151.97 | 979921.085 | 35.82 | 18.82 |
| 73-B-4 | 37 11.80 | -78 25.80 | *145.86 | 979924.980 | 35.95 | 19.63 |
| 73-B-5 | 37 14.08 | -78 23.53 | 462.13 | 979925.050 | 31.16 | 15.40 |
| 73-B-6 | 37 14.75 | -78 26.63 | 492.02 | 979928.288 | 36.25 | 19.47 |
| 73-B-7 | 37 10.02 | -78 29.43 | 542.21 | 979917.490 | 37.03 | 18.53 |
| 73-B-8 | 37 8.50 | -78 29.75 | 522.06 | 979915.602 | 35.44 | 17.63 |
| 73-B-9 | 37 12.87 | -78 24.90 | 505.48 | 979922.739 | 34.69 | 17.45 |
| 73-C-1 | 37 7.10 | -78 27.60 | *181.27 | 979908.487 | 37.18 | 16.90 |
| 73-C-2 | 37 5.12 | -78 28.52 | 628.82 | 979904.718 | 39.49 | 18.04 |
| 73-C-3 | 37 2.37 | -78 29.10 | 634.12 | 979907.503 | 46.75 | 25.12 |
| 73-C-4 | 37 0.65 | -78 29.10 | 635.94 | 979907.453 | 49.35 | 27.66 |
| 73-C-5 | 37 0.08 | -78 28.95 | 598.26 | 979908.734 | 47.90 | 27.50 |
| 73-C-6 | 37 4.60 | -78 26.58 | 584.32 | 979913.213 | 44.54 | 24.61 |
| 73-C-7 | 37 5.72 | -78 22.70 | 569.39 | 979914.778 | 43.09 | 23.67 |
| 73-D-1 | 37 6.17 | -78 22.03 | 591.12 | 979913.496 | 43.20 | 23.04 |
| 73-D-2 | 37 4.53 | -78 22.42 | 601.31 | 979910.760 | 43.79 | 23.28 |
| 73-D-3 | 37 3.00 | -78 21.80 | 533.69 | 979916.239 | 45.12 | 26.92 |
| 73-D-4 | 37 1.35 | -78 21.78 | 439.28 | 979922.279 | 44.66 | 29.68 |
| 73-D-5 | 37 2.68 | -78 16.60 | 607.70 | 979906.216 | 42.52 | 21.79 |
| 73-D-6 | 37 1.82 | -78 16.78 | 614.68 | 979905.437 | 43.65 | 22.68 |
| 73-D-7 | 37 0.97 | -78 15.58 | 548.34 | 979909.908 | 43.11 | 24.40 |
| 73-D-8 | 37 3.18 | -78 17.87 | 562.60 | 979911.204 | 42.54 | 23.35 |
| 73-D-9 | 37 3.72 | -78 18.20 | 560.32 | 979912.796 | 43.15 | 24.04 |
| 73-D-10 | 37 4.63 | -78 18.10 | 593.17 | 979913.012 | 45.13 | 24.90 |
| 73-D-11 | 37 5.57 | -78 18.40 | 589.06 | 979914.285 | 44.67 | 24.57 |
| 73-D-12 | 37 6.12 | -78 19.50 | 616.71 | 979913.028 | 45.21 | 24.18 |
| 73-D-13 | 37 6.10 | -78 20.28 | 600.06 | 979914.307 | 44.95 | 24.48 |
| 72-A-1 | 37 12.50 | -78 5.70 | *104.93 | 979929.043 | 26.37 | 14.63 |
| 72-A-2 | 37 14.10 | -78 2.60 | *115.37 | 979935.106 | 33.34 | 20.43 |
| 72-A-3 | 37 14.60 | -78 1.70 | *113.98 | 979936.807 | 33.89 | 21.13 |
| 72-A-4 | 37 9.40 | -78 4.20 | *125.16 | 979922.237 | 30.29 | 16.29 |
| 72-A-5 | 37 10.40 | -78 2.20 | *116.71 | 979929.785 | 33.79 | 20.73 |
| 72-A-6 | 37 7.83 | -78 4.55 | 426.69 | 979916.901 | 28.73 | 14.18 |
| 72-A-7 | 37 11.45 | -78 8.80 | 506.01 | 979909.797 | 23.85 | 6.59 |
| 72-A-8 | 37 13.22 | -78 5.03 | 427.46 | 979925.771 | 29.88 | 15.30 |
| 72-A-9 | 37 14.80 | -78 0.48 | 341.19 | 979939.272 | 32.98 | 21.34 |
| 72-B-1 | 37 10.08 | -78 11.42 | 509.64 | 979909.223 | 25.59 | 8.20 |
| 72-B-2 | 37 9.20 | -78 14.10 | *167.58 | 979912.217 | 33.65 | 14.90 |
| 72-B-3 | 37 14.17 | -78 14.55 | 550.62 | 979919.757 | 34.08 | 15.30 |
| 72-B-4 | 37 13.23 | -78 14.13 | 480.76 | 979922.019 | 31.12 | 14.72 |
| 72-B-5 | 37 11.33 | -78 12.23 | 533.76 | 979911.792 | 28.63 | 10.42 |
| 72-B-6 | 37 11.27 | -78 11.77 | 522.08 | 979911.627 | 27.46 | 9.65 |
| 72-B-7 | 37 11.43 | -78 8.82 | 507.06 | 979909.882 | 24.06 | 6.77 |
| 72-B-8 | 37 14.42 | -78 8.78 | 512.11 | 979917.128 | 27.46 | 10.00 |
| 72-B-9 | 37 12.15 | -78 10.22 | 532.79 | 979909.949 | 25.51 | 7.34 |
| 72-C-1 | 37 3.90 | -78 12.00 | *154.35 | 979914.716 | 39.73 | 22.46 |
| 72-C-2 | 37 4.10 | -78 13.60 | *163.19 | 979915.731 | 43.19 | 24.93 |
| 72-C-3 | 37 6.70 | -78 14.50 | *157.04 | 979915.630 | 37.43 | 19.86 |
| 72-C-4 | 37 4.70 | -78 7.80 | *151.70 | 979901.365 | 24.41 | 7.43 |
| 72-C-5 | 37 1.00 | -78 9.40 | *137.35 | 979897.755 | 21.72 | 6.35 |
| 72-C-6 | 37 7.15 | -78 11.28 | 533.14 | 979907.347 | 30.18 | 11.99 |
| 72-C-7 | 37 4.70 | -78 11.85 | 388.29 | 979922.404 | 35.15 | 21.91 |
| 72-C-8 | 37 3.37 | -78 12.58 | 502.77 | 979915.561 | 41.00 | 23.86 |
| 72-C-9 | 37 0.68 | -78 13.35 | 527.53 | 979906.343 | 37.99 | 20.00 |
| 72-C-10 | 37 3.85 | -78 11.42 | 469.92 | 979914.139 | 35.79 | 19.77 |
| 72-C-11 | 37 4.48 | -78 9.65 | 451.02 | 979910.763 | 29.72 | 14.34 |
| 72-C-12 | 37 4.87 | -78 8.82 | 521.24 | 979902.025 | 27.04 | 9.26 |
| 72-C-13 | 37 4.82 | -78 8.52 | 487.10 | 979902.512 | 24.38 | 7.77 |
| 72-D-1 | 37 6.00 | -78 1.40 | *121.22 | 979920.262 | 32.02 | 18.45 |
| 72-D-2 | 37 6.40 | -78 5.50 | *134.09 | 979911.975 | 27.12 | 12.12 |
| 72-D-3 | 37 4.30 | -78 4.90 | *129.44 | 979909.557 | 26.31 | 11.82 |
| 72-D-4 | 37 2.40 | -78 2.10 | * 77.72 | 979918.813 | 22.35 | 13.65 |
| 72-D-5 | 37 0.70 | -78 4.10 | * 80.15 | 979912.245 | 18.99 | 10.02 |
| 72-D-6 | 37 3.92 | -78 0.33 | 416.61 | 979910.614 | 27.16 | 12.95 |
| 72-D-7 | 37 3.25 | -78 1.15 | 382.95 | 979911.730 | 26.07 | 13.01 |
| 72-D-8 | 37 1.80 | -78 2.70 | 379.20 | 979909.377 | 25.46 | 12.53 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 72-D-9 | 37 4.02 | -78 2.05 | 404.75 | 979913.507 | 28.79 | 14.99 |
| 72-D-10 | 37 3.75 | -78 3.02 | 269.77 | 979920.882 | 23.85 | 14.65 |
| 72-D-11 | 37 4.30 | -78 6.83 | 446.53 | 979908.047 | 26.85 | 11.62 |
| 46-D-3 | 36 45.15 | -78 50.43 | 596.49 | 979870.660 | 31.21 | 10.86 |
| 45-A-1 | 36 53.50 | -78 50.52 | 559.25 | 979883.776 | 28.78 | 9.71 |
| 45-A-2 | 36 54.52 | -78 49.43 | 483.88 | 979889.941 | 26.39 | 9.88 |
| 45-A-3 | 36 55.62 | -78 50.08 | 544.84 | 979886.243 | 26.84 | 8.25 |
| 45-A-4 | 36 56.97 | -78 49.25 | 468.81 | 979891.040 | 24.41 | 7.74 |
| 45-A-5 | 36 57.45 | -78 51.07 | 464.17 | 979893.012 | 23.37 | 7.54 |
| 45-A-6 | 36 54.88 | -78 45.65 | 471.25 | 979894.658 | 29.39 | 13.32 |
| 45-A-7 | 36 57.13 | -78 45.80 | 489.50 | 979894.748 | 27.95 | 11.25 |
| 45-A-8 | 36 56.53 | -78 47.82 | 489.17 | 979892.147 | 26.18 | 9.50 |
| 45-A-9 | 36 59.65 | -78 48.20 | 493.67 | 979893.859 | 23.82 | 6.98 |
| 45-A-10 | 36 59.93 | -78 46.83 | 376.58 | 979902.946 | 21.48 | 8.64 |
| 45-B-1 | 36 57.77 | -78 59.12 | 651.44 | 979873.670 | 21.19 | 1.03 |
| 45-B-2 | 36 55.77 | -78 59.30 | 638.57 | 979872.679 | 21.87 | 0.09 |
| 45-B-3 | 36 53.87 | -78 59.00 | 579.82 | 979875.314 | 21.72 | 1.95 |
| 45-B-4 | 36 52.98 | -78 58.28 | 595.43 | 979874.894 | 24.05 | 3.74 |
| 45-B-5 | 36 58.63 | -78 56.93 | 610.15 | 979878.955 | 21.34 | 0.53 |
| 45-B-6 | 36 59.12 | -78 54.38 | 361.76 | 979895.762 | 15.96 | 2.94 |
| 45-B-7 | 36 57.92 | -78 54.83 | 382.18 | 979896.444 | 18.42 | 5.38 |
| 45-C-1 | 36 45.43 | -78 57.60 | 550.04 | 979871.394 | 27.16 | 8.40 |
| 45-C-2 | 36 45.58 | -78 59.25 | 533.14 | 979870.322 | 24.29 | 6.10 |
| 45-C-3 | 36 48.28 | -78 54.65 | 495.70 | 979880.167 | 26.71 | 9.81 |
| 45-C-4 | 36 51.90 | -78 52.90 | 541.19 | 979882.440 | 28.05 | 9.60 |
| 45-C-5 | 36 50.53 | -78 57.12 | 411.82 | 979886.059 | 21.47 | 7.43 |
| 45-D-1 | 36 46.83 | -78 49.02 | 495.00 | 979880.782 | 29.36 | 12.47 |
| 45-D-2 | 36 45.73 | -78 49.82 | 436.21 | 979882.434 | 27.06 | 12.19 |
| 45-D-3 | 36 45.15 | -78 50.43 | 404.64 | 979883.511 | 26.01 | 12.21 |
| 45-D-4 | 36 45.45 | -78 47.40 | 380.00 | 979885.438 | 25.19 | 12.23 |
| 45-D-5 | 36 47.20 | -78 48.22 | 458.15 | 979884.380 | 28.96 | 13.33 |
| 45-D-6 | 36 48.00 | -78 46.57 | 407.89 | 979889.503 | 28.20 | 14.29 |
| 45-D-7 | 36 48.60 | -78 45.60 | 358.22 | 979892.097 | 25.26 | 13.04 |
| 45-D-8 | 36 50.88 | -78 45.98 | 503.92 | 979886.290 | 29.86 | 12.68 |
| 45-D-9 | 36 52.48 | -78 47.53 | 562.66 | 979884.793 | 31.59 | 12.39 |
| 45-D-10 | 36 49.67 | -78 50.20 | 436.80 | 979887.521 | 26.54 | 11.64 |
| 44-A-1 | 36 53.15 | -78 33.23 | 524.93 | 979898.721 | 41.00 | 23.10 |
| 44-A-2 | 36 54.15 | -78 32.18 | 520.06 | 979903.696 | 44.08 | 26.34 |
| 44-A-3 | 36 54.58 | -78 31.73 | 596.00 | 979900.395 | 47.29 | 26.96 |
| 44-A-4 | 36 55.35 | -78 30.98 | 562.63 | 979903.837 | 46.49 | 27.30 |
| 44-A-5 | 36 55.18 | -78 31.20 | 585.84 | 979902.779 | 47.86 | 27.87 |
| 44-A-6 | 36 56.52 | -78 30.18 | 598.96 | 979902.479 | 46.86 | 26.44 |
| 44-A-7 | 36 55.48 | -78 33.73 | 536.19 | 979900.175 | 40.15 | 21.86 |
| 44-A-8 | 36 56.63 | -78 34.57 | 395.04 | 979908.582 | 33.62 | 20.14 |
| 44-A-9 | 36 59.77 | -78 37.15 | 477.97 | 979902.955 | 31.27 | 14.96 |
| 44-B-1 | 36 53.28 | -78 40.73 | 406.57 | 979897.459 | 28.41 | 14.55 |
| 44-B-2 | 36 53.62 | -78 41.85 | 335.06 | 979902.049 | 25.80 | 14.37 |
| 44-B-3 | 36 58.07 | -78 39.67 | 414.33 | 979902.134 | 26.92 | 12.78 |
| 44-B-4 | 36 54.93 | -78 43.88 | 342.13 | 979901.922 | 24.44 | 12.77 |
| 44-B-5 | 36 58.80 | -78 41.90 | 558.45 | 979894.098 | 31.38 | 12.33 |
| 44-B-6 | 36 59.93 | -78 43.98 | 419.85 | 979902.227 | 24.83 | 10.51 |
| 44-C-1 | 36 48.88 | -78 44.80 | 454.88 | 979886.802 | 28.65 | 13.13 |
| 44-C-2 | 36 49.22 | -78 44.18 | 487.00 | 979885.085 | 29.47 | 12.86 |
| 44-C-3 | 36 49.98 | -78 44.03 | 501.81 | 979884.367 | 29.04 | 11.93 |
| 44-C-4 | 36 40.63 | -78 43.53 | 482.92 | 979887.125 | 43.50 | 27.03 |
| 44-C-5 | 36 50.93 | -78 41.02 | 428.41 | 979893.469 | 29.87 | 15.26 |
| 44-C-6 | 36 51.10 | -78 42.18 | 440.13 | 979892.405 | 29.67 | 14.66 |
| 44-C-7 | 36 51.12 | -78 43.02 | 466.47 | 979888.760 | 28.48 | 12.57 |
| 44-C-8 | 36 50.32 | -78 40.13 | 342.17 | 979900.407 | 29.58 | 17.91 |
| 44-C-9 | 36 49.85 | -78 39.33 | 492.88 | 979885.672 | 29.70 | 12.89 |
| 44-C-10 | 36 49.68 | -78 38.73 | 477.63 | 979886.592 | 29.42 | 13.13 |
| 44-C-11 | 36 49.35 | -78 37.88 | 455.86 | 979890.219 | 31.48 | 15.93 |
| 44-C-12 | 36 47.93 | -78 38.57 | 351.00 | 979898.589 | 32.03 | 20.06 |
| 44-C-13 | 36 46.87 | -78 42.47 | 468.70 | 979890.354 | 36.41 | 20.42 |
| 44-C-14 | 36 45.75 | -78 43.53 | 438.35 | 979889.656 | 34.46 | 19.51 |
| 44-D-1 | 36 49.32 | -78 36.75 | 478.26 | 979892.133 | 35.55 | 19.24 |
| 44-D-2 | 36 49.22 | -78 35.78 | 467.96 | 979891.938 | 34.53 | 18.57 |

| Station Number | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|
| 44-D-3 | 36 50.17 | -78 35.68 | 511.63 | 979889.197 | 34.53 | 17.08 |
| 44-D-4 | 36 50.93 | -78 35.05 | 502.24 | 979890.261 | 33.61 | 16.48 |
| 44-D-5 | 36 50.88 | -78 33.67 | 494.07 | 979893.981 | 36.63 | 19.78 |
| 44-D-6 | 36 50.23 | -78 32.93 | 425.07 | 979908.704 | 45.80 | 31.30 |
| 44-D-7 | 36 50.35 | -78 31.77 | 541.42 | 979899.349 | 47.22 | 28.75 |
| 44-D-8 | 36 49.30 | -78 33.28 | 467.17 | 979898.627 | 41.03 | 25.09 |
| 44-D-9 | 36 48.53 | -78 32.60 | 513.95 | 979899.456 | 47.36 | 29.83 |
| 44-D-10 | 36 47.70 | -78 32.22 | 563.80 | 979899.696 | 53.49 | 34.26 |
| 44-D-11 | 36 46.92 | -78 32.92 | 512.46 | 979902.996 | 53.09 | 35.61 |
| 44-D-12 | 36 46.17 | -78 33.60 | 494.51 | 979902.563 | 52.05 | 35.19 |
| 44-D-13 | 36 45.37 | -78 33.05 | 464.37 | 979898.963 | 46.77 | 30.93 |
| 44-D-14 | 36 50.92 | -78 37.42 | 428.67 | 979892.026 | 28.47 | 13.85 |
| 43-A-1 | 36 57.68 | -78 16.00 | 512.20 | 979906.459 | 41.00 | 23.53 |
| 43-A-2 | 36 57.23 | -78 17.47 | 465.34 | 979914.808 | 45.59 | 29.72 |
| 43-A-3 | 36 56.25 | -78 19.28 | 338.87 | 979920.073 | 40.38 | 28.82 |
| 43-A-4 | 36 55.22 | -78 21.35 | 507.15 | 979908.834 | 46.46 | 29.16 |
| 43-A-5 | 36 52.67 | -78 19.58 | 480.76 | 979900.876 | 39.70 | 23.30 |
| 43-A-6 | 36 52.88 | -78 17.43 | 457.91 | 979897.794 | 34.16 | 18.54 |
| 43-A-7 | 36 56.05 | -78 16.07 | 433.49 | 979906.119 | 35.61 | 20.83 |
| 43-A-8 | 36 55.37 | -78 15.25 | 497.27 | 979898.649 | 35.13 | 18.17 |
| 43-A-9 | 36 59.43 | -78 16.02 | 485.91 | 979913.605 | 43.15 | 26.57 |
| 43-B-1 | 36 56.48 | -78 23.33 | 531.60 | 979910.946 | 49.04 | 30.91 |
| 43-B-2 | 36 57.55 | -78 24.73 | 543.46 | 979907.502 | 45.17 | 26.64 |
| 43-B-3 | 36 58.93 | -78 28.07 | 570.46 | 979904.595 | 42.81 | 23.35 |
| 43-B-4 | 36 58.57 | -78 29.55 | 607.15 | 979905.175 | 47.37 | 26.66 |
| 43-B-5 | 36 52.52 | -78 28.83 | 499.01 | 979905.487 | 46.24 | 29.22 |
| 43-B-6 | 36 54.20 | -78 26.40 | 562.51 | 979905.787 | 50.09 | 30.90 |
| 43-C-1 | 36 48.05 | -78 27.72 | 545.89 | 979905.302 | 56.91 | 38.29 |
| 43-C-2 | 36 46.17 | -78 28.05 | 504.34 | 979900.886 | 51.30 | 34.10 |
| 43-C-3 | 36 45.02 | -78 28.73 | 495.32 | 979893.229 | 44.45 | 27.56 |
| 43-C-4 | 36 45.98 | -78 24.90 | 492.39 | 979895.247 | 44.80 | 28.01 |
| 43-C-5 | 36 45.83 | -78 23.17 | 432.28 | 979891.902 | 36.02 | 21.27 |
| 43-C-6 | 36 48.95 | -78 24.30 | 497.63 | 979901.522 | 47.29 | 30.32 |
| 43-C-7 | 36 51.13 | -78 22.97 | 444.91 | 979910.138 | 47.80 | 32.63 |
| 43-C-8 | 36 52.35 | -78 23.05 | 445.38 | 979912.278 | 48.23 | 33.04 |
| 43-D-1 | 36 49.40 | -78 20.20 | 506.32 | 979891.987 | 37.93 | 20.66 |
| 43-D-2 | 36 49.48 | -78 22.32 | 455.65 | 979904.187 | 45.24 | 29.70 |
| 43-D-3 | 36 50.77 | -78 21.50 | 373.85 | 979910.988 | 42.50 | 29.75 |
| 43-D-4 | 36 48.15 | -78 17.98 | 450.69 | 979883.256 | 25.77 | 10.39 |
| 43-D-5 | 36 46.88 | -78 18.55 | 400.14 | 979883.547 | 23.13 | 9.48 |
| 43-D-6 | 36 46.68 | -78 15.02 | 511.25 | 979861.770 | 12.09 | -5.35 |
| 43-D-7 | 36 51.33 | -78 15.60 | 441.58 | 979890.706 | 27.77 | 12.71 |
| 42-A-1 | 36 59.35 | -78 5.60 | 418.68 | 979899.310 | 22.65 | 8.37 |
| 42-A-2 | 36 52.92 | -78 6.93 | 406.18 | 979882.201 | 13.65 | -0.20 |
| 42-A-3 | 36 52.73 | -78 5.00 | 409.73 | 979880.988 | 13.03 | -0.94 |
| 42-A-4 | 36 54.85 | -78 1.32 | 455.45 | 979881.753 | 15.05 | -0.49 |
| 42-A-5 | 36 57.02 | -78 1.60 | 410.00 | 979891.518 | 17.41 | 3.42 |
| 42-B-1 | 36 57.20 | -78 7.96 | 466.02 | 979890.767 | 21.66 | 5.77 |
| 42-B-2 | 36 58.57 | -78 14.68 | 540.11 | 979903.673 | 39.56 | 21.14 |
| 42-B-3 | 36 55.87 | -78 13.45 | 579.25 | 979886.511 | 29.98 | 10.22 |
| 42-B-4 | 36 54.40 | -78 13.73 | 550.17 | 979886.580 | 29.43 | 10.67 |
| 42-B-5 | 36 54.93 | -78 11.77 | 495.24 | 979884.612 | 21.53 | 4.64 |
| 42-B-6 | 36 54.32 | -78 7.98 | 383.24 | 979889.090 | 16.36 | 3.29 |
| 42-C-1 | 36 52.38 | -78 8.03 | 371.69 | 979883.000 | 11.97 | -0.70 |
| 42-C-2 | 36 52.00 | -78 9.67 | 438.98 | 979876.260 | 12.12 | -2.86 |
| 42-C-3 | 36 49.83 | -78 14.35 | 479.37 | 979875.247 | 18.03 | 1.68 |
| 42-C-4 | 36 47.82 | -78 13.58 | 420.58 | 979866.869 | 7.03 | -7.32 |
| 42-C-5 | 36 46.35 | -78 12.90 | 409.89 | 979863.507 | 4.77 | -9.21 |
| 42-C-6 | 36 48.52 | -78 7.82 | 373.73 | 979872.726 | 7.47 | -5.28 |
| 42-C-7 | 36 45.82 | -78 7.78 | 356.33 | 979868.701 | 5.70 | -6.46 |
| 42-C-8 | 36 45.27 | -78 14.55 | 447.70 | 979859.307 | 5.69 | -9.58 |
| 42-D-1 | 36 46.63 | -78 0.72 | 236.15 | 979879.653 | 4.17 | -3.89 |
| 42-D-2 | 36 46.45 | -78 1.28 | 282.04 | 979876.698 | 5.79 | -3.83 |
| 42-D-3 | 36 45.63 | -78 0.85 | 338.16 | 979871.582 | 7.13 | -4.40 |
| 42-D-4 | 36 46.42 | -78 2.63 | 324.21 | 979874.110 | 7.22 | -3.84 |
| 42-D-5 | 36 45.75 | -78 3.48 | 351.91 | 979871.836 | 8.51 | -3.49 |
| 42-D-6 | 36 45.43 | -78 4.42 | 380.53 | 979868.854 | 8.68 | -4.30 |

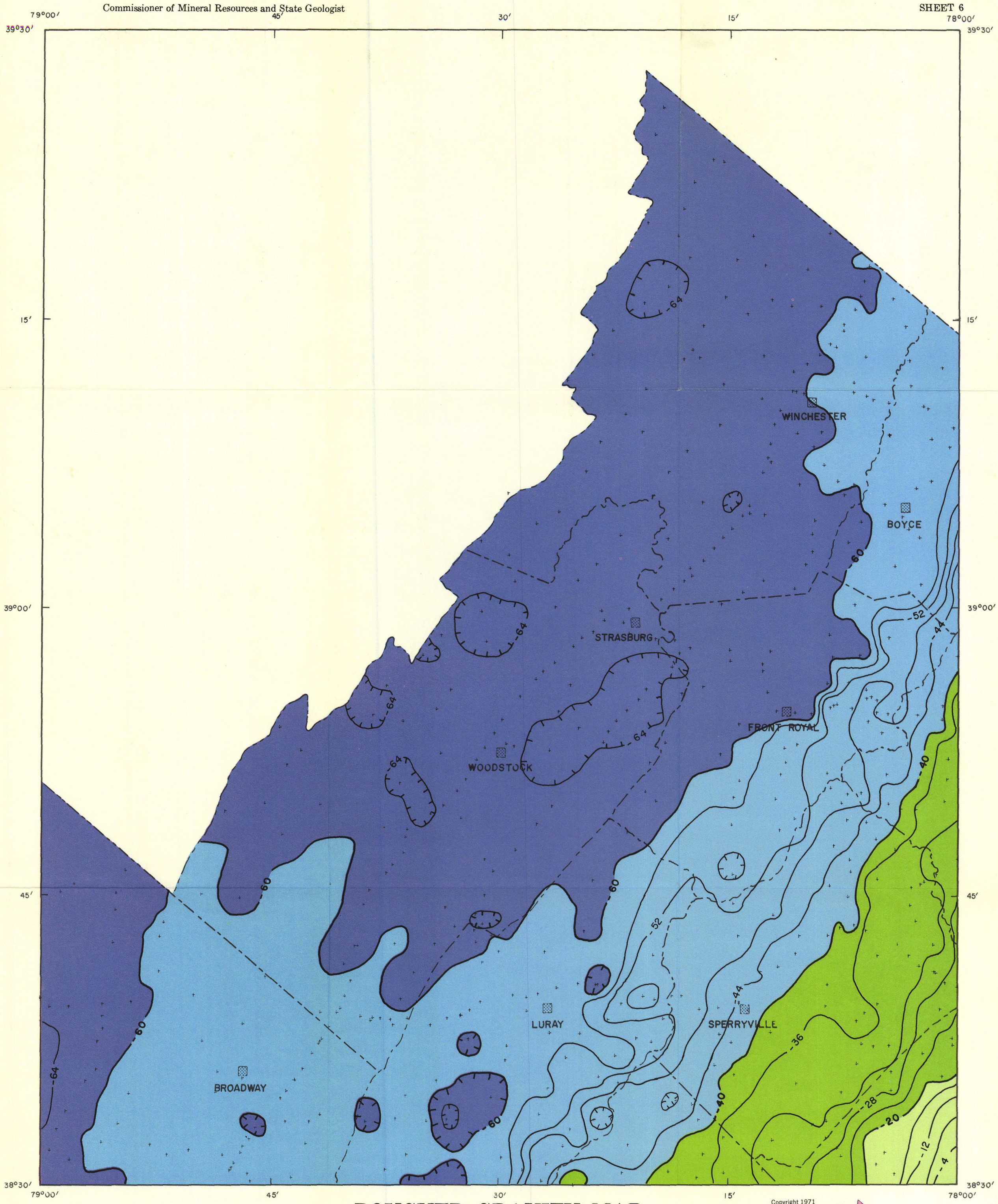
| Station Number | | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|---|
| 42-D-7 | | 36 49.25 | -78 4.85 | 423.05 | 979870.867 | 9.19 | -5.24 |
| 42-D-8 | | 36 49.42 | -78 2.62 | 377.12 | 979871.799 | 5.56 | -7.30 |
| 42-D-9 | | 36 50.32 | -78 1.32 | 432.99 | 979871.110 | 8.83 | -5.94 |
| 42-D-10 | | 36 49.27 | -78 0.03 | 354.20 | 979877.087 | 8.91 | -3.17 |
| 42-D-11 | | 36 51.35 | -78 1.17 | 439.10 | 979872.532 | 9.34 | -5.64 |
| 42-D-12 | | 36 47.17 | -78 0.13 | 291.84 | 979876.768 | 5.75 | -4.20 |
| 42-D-13 | | 36 49.87 | -78 6.98 | 338.78 | 979877.602 | 7.11 | -4.45 |
| 42-D-14 | | 36 47.27 | -78 7.10 | 227.42 | 979878.549 | 1.33 | -6.43 |
| 13-A-1 | | 36 44.93 | -78 46.28 | 453.66 | 979882.574 | 30.00 | 14.52 |
| 13-A-2 | | 36 42.73 | -78 52.48 | 355.01 | 979881.102 | 22.42 | 10.31 |
| 13-A-3 | | 36 43.35 | -78 51.40 | 414.32 | 979879.301 | 25.31 | 11.17 |
| 13-A-4 | | 36 44.20 | -78 50.77 | 410.63 | 979881.382 | 25.82 | 11.81 |
| 13-A-5 | | 36 44.10 | -78 51.60 | 432.03 | 979879.566 | 26.16 | 11.42 |
| 13-A-6 | | 36 41.12 | -78 51.43 | 345.79 | 979880.300 | 23.08 | 11.28 |
| 13-A-7 | | 36 40.58 | -78 49.63 | 338.95 | 979883.140 | 26.04 | 14.48 |
| 13-A-8 | | 36 40.25 | -78 48.57 | 467.97 | 979873.998 | 29.51 | 13.54 |
| 13-A-9 | | 36 39.22 | -78 49.95 | 476.65 | 979871.633 | 29.45 | 13.19 |
| 13-A-10 | | 36 38.68 | -78 51.90 | 448.10 | 979870.832 | 26.73 | 11.45 |
| 13-A-11 | | 36 40.20 | -78 46.47 | 398.21 | 979884.063 | 33.09 | 19.51 |
| 13-A-12 | | 36 40.18 | -78 46.02 | 373.39 | 979885.673 | 32.39 | 19.65 |
| 13-A-13 | | 36 40.05 | -78 45.28 | 327.42 | 979890.428 | 33.01 | 21.84 |
| 13-B-1 | | 36 41.90 | -78 54.70 | * 99.33 | 979879.073 | 18.85 | 7.73 |
| 13-B-2 | BASE | 36 41.92 | -78 54.07 | 407.19 | 979875.128 | 22.52 | 8.63 |
| 13-B-3 | | 36 42.30 | -78 53.35 | 349.06 | 979880.104 | 21.48 | 9.58 |
| 13-B-4 | | 36 41.47 | -78 53.27 | 340.10 | 979877.779 | 19.51 | 7.91 |
| 13-B-5 | | 36 41.22 | -78 54.08 | 332.77 | 979877.944 | 19.35 | 8.00 |
| 13-B-6 | | 36 40.80 | -78 54.88 | 334.47 | 979876.371 | 18.54 | 7.13 |
| 13-B-7 | | 36 40.48 | -78 55.95 | 406.08 | 979869.766 | 19.12 | 5.27 |
| 13-B-8 | | 36 39.93 | -78 58.05 | 446.84 | 979865.247 | 19.23 | 3.99 |
| 13-B-9 | | 36 39.42 | -78 59.02 | 436.57 | 979865.218 | 18.98 | 4.09 |
| 13-B-10 | | 36 38.95 | -78 59.78 | 453.35 | 979862.946 | 18.96 | 3.49 |
| 13-B-11 | | 36 40.97 | -78 59.55 | 448.95 | 979866.465 | 19.16 | 3.85 |
| 13-B-12 | | 36 37.95 | -78 53.65 | 503.46 | 979864.614 | 26.78 | 9.61 |
| 13-C-1 | | 36 34.33 | -78 53.02 | 346.01 | 979873.719 | 26.28 | 14.47 |
| 13-C-2 | | 36 36.75 | -78 59.20 | 533.09 | 979856.153 | 22.83 | 4.65 |
| 13-C-3 | | 36 36.02 | -78 58.88 | 569.22 | 979853.390 | 24.52 | 5.11 |
| 13-C-4 | | 36 30.85 | -78 54.55 | 597.23 | 979860.130 | 41.32 | 20.95 |
| 13-C-5 | | 36 31.45 | -78 54.15 | 571.49 | 979861.516 | 39.43 | 19.93 |
| 13-C-6 | | 36 31.63 | -78 53.43 | 535.41 | 979862.458 | 36.71 | 18.45 |
| 13-D-1 | | 36 33.85 | -78 51.27 | 549.51 | 979860.072 | 32.46 | 13.72 |
| 13-D-2 | | 36 32.62 | -78 46.57 | 531.93 | 979866.706 | 39.22 | 21.08 |
| 13-D-3 | | 36 35.70 | -78 45.20 | 530.41 | 979872.249 | 40.18 | 22.09 |
| 13-D-4 | | 36 35.90 | -78 50.63 | 491.96 | 979867.378 | 31.41 | 14.63 |
| 13-D-5 | | 36 32.00 | -78 52.13 | 446.41 | 979867.130 | 32.48 | 17.26 |
| 13-D-6 | | 36 32.33 | -78 51.03 | 505.78 | 979864.299 | 34.76 | 17.51 |
| 13-D-7 | | 36 32.52 | -78 46.08 | 473.69 | 979869.877 | 37.06 | 20.90 |
| 13-D-8 | | 36 31.27 | -78 47.42 | 534.32 | 979865.047 | 39.72 | 21.50 |
| 13-D-9 | | 36 31.03 | -78 49.47 | 483.45 | 979866.375 | 36.60 | 20.11 |
| 13-D-10 | | 36 30.12 | -78 50.33 | 517.87 | 979863.851 | 38.63 | 20.97 |
| 12-A-1 | | 36 37.62 | -78 33.18 | 327.61 | 979879.600 | 25.70 | 14.53 |
| 12-A-2 | | 36 38.08 | -78 32.15 | 327.70 | 979879.954 | 25.39 | 14.22 |
| 12-A-3 | | 36 38.27 | -78 31.38 | 418.55 | 979876.001 | 29.72 | 15.45 |
| 12-A-4 | | 36 38.63 | -78 30.52 | 385.23 | 979880.842 | 30.90 | 17.76 |
| 12-A-5 | | 36 43.03 | -78 32.62 | 374.92 | 979900.349 | 43.10 | 30.32 |
| 12-A-6 | | 36 44.60 | -78 35.82 | 472.53 | 979895.525 | 45.20 | 29.09 |
| 12-B-1 | | 36 39.25 | -78 39.58 | 398.19 | 979885.793 | 36.18 | 22.60 |
| 12-B-2 | | 36 39.83 | -78 44.18 | 354.78 | 979888.675 | 34.14 | 22.04 |
| 12-B-3 | | 36 39.43 | -78 42.12 | 329.59 | 979888.653 | 32.33 | 21.09 |
| 12-B-4 | | 36 38.40 | -78 38.92 | 325.46 | 979878.854 | 23.63 | 12.53 |
| 12-B-5 | | 36 40.87 | -78 44.80 | 419.24 | 979878.058 | 28.10 | 13.80 |
| 12-B-6 | | 36 40.72 | -78 39.40 | 428.30 | 979880.175 | 31.29 | 16.68 |
| 12-B-7 | | 36 37.95 | -78 38.22 | 400.11 | 979872.344 | 24.79 | 11.14 |
| 12-B-8 | | 36 42.43 | -78 37.92 | 399.85 | 979893.988 | 39.95 | 26.31 |
| 12-B-9 | | 36 41.92 | -78 39.73 | 344.89 | 979896.150 | 37.69 | 25.93 |
| 12-B-10 | | 36 43.85 | -78 43.33 | 408.99 | 979888.533 | 33.32 | 19.37 |
| 12-C-1 | | 36 37.47 | -78 40.17 | 395.19 | 979880.528 | 33.20 | 19.72 |
| 12-C-2 | | 36 36.57 | -78 43.65 | 433.22 | 979877.346 | 34.89 | 20.12 |

| Station Number | | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|---|
| 12-C-3 | | 36 35.38 | -78 38.32 | 469.49 | 979872.746 | 35.41 | 19.39 |
| 12-C-4 | | 36 36.27 | -78 37.80 | 431.80 | 979871.200 | 29.05 | 14.32 |
| 12-C-5 | | 36 34.48 | -78 39.10 | 485.79 | 979871.365 | 36.85 | 20.28 |
| 12-C-6 | | 36 34.17 | -78 40.75 | 438.23 | 979874.960 | 36.43 | 21.48 |
| 12-C-7 | | 36 33.70 | -78 42.27 | 431.95 | 979874.191 | 35.74 | 21.01 |
| 12-C-8 | | 36 33.35 | -78 43.22 | 441.24 | 979872.772 | 35.70 | 20.65 |
| 12-C-9 | | 36 33.02 | -78 44.10 | 387.69 | 979874.077 | 32.45 | 19.22 |
| 12-C-10 | | 36 32.50 | -78 44.55 | 423.08 | 979871.608 | 34.05 | 19.62 |
| 12-C-11 | | 36 32.28 | -78 38.62 | 432.00 | 979869.118 | 32.71 | 17.98 |
| 12-C-12 | | 36 31.47 | -78 39.77 | 398.36 | 979872.235 | 33.84 | 20.25 |
| 12-C-13 | | 36 31.48 | -78 40.35 | 412.29 | 979871.973 | 34.86 | 20.80 |
| 12-C-14 | | 36 31.58 | -78 41.32 | 434.06 | 979872.098 | 36.89 | 22.08 |
| 12-C-15 | | 36 31.82 | -78 42.00 | 421.75 | 979873.720 | 37.02 | 22.63 |
| 12-C-16 | | 36 31.77 | -78 43.57 | 452.52 | 979870.956 | 37.22 | 21.79 |
| 12-D-1 | BASE | 36 37.44 | -78 33.48 | 358.63 | 979877.838 | 27.11 | 14.88 |
| 12-D-2 | | 36 30.38 | -78 36.35 | 397.33 | 979875.173 | 38.24 | 24.68 |
| 12-D-3 | | 36 30.15 | -78 35.53 | 321.65 | 979879.323 | 35.60 | 24.63 |
| 12-D-4 | | 36 30.03 | -78 34.37 | 390.76 | 979868.578 | 31.52 | 18.20 |
| 12-D-5 | | 36 31.70 | -78 32.13 | 341.38 | 979870.560 | 26.47 | 14.82 |
| 12-D-6 | | 36 30.60 | -78 32.18 | 414.37 | 979861.493 | 25.85 | 11.71 |
| 12-D-7 | | 36 32.45 | -78 32.02 | 349.37 | 979872.192 | 27.77 | 15.86 |
| 12-D-8 | | 36 33.10 | -78 31.75 | 350.16 | 979873.754 | 28.47 | 16.53 |
| 12-D-9 | | 36 33.10 | -78 35.87 | 377.20 | 979873.878 | 31.14 | 18.28 |
| 12-D-10 | | 36 34.70 | -78 35.35 | 419.30 | 979869.861 | 28.78 | 14.48 |
| 12-D-11 | | 36 36.90 | -78 36.53 | 442.34 | 979867.957 | 25.89 | 10.80 |
| 12-D-12 | | 36 36.78 | -78 35.33 | 424.59 | 979869.941 | 26.36 | 11.88 |
| 12-D-13 | | 36 37.08 | -78 34.43 | 359.52 | 979876.528 | 26.40 | 14.14 |
| 12-D-14 | | 36 37.23 | -78 33.92 | 318.00 | 979880.226 | 25.98 | 15.13 |
| 12-D-15 | | 36 30.77 | -78 37.30 | 316.50 | 979878.851 | 33.76 | 22.96 |
| 11-A-1 | | 36 40.27 | -78 16.40 | 249.77 | 979857.731 | -7.30 | -15.82 |
| 11-A-2 | | 36 40.30 | -78 18.12 | 232.77 | 979863.660 | -3.02 | -10.96 |
| 11-A-3 | | 36 40.55 | -78 18.70 | 230.51 | 979868.219 | 0.97 | -6.90 |
| 11-A-4 | | 36 40.77 | -78 19.65 | 241.25 | 979875.803 | 9.25 | 1.02 |
| 11-A-5 | | 36 40.98 | -78 20.73 | 377.69 | 979873.094 | 19.06 | 6.18 |
| 11-A-6 | | 36 40.58 | -78 22.00 | 287.34 | 979881.935 | 19.98 | 10.18 |
| 11-A-7 | | 36 43.07 | -78 22.08 | 380.85 | 979883.675 | 26.94 | 13.95 |
| 11-A-8 | | 36 44.77 | -78 21.68 | 413.77 | 979885.632 | 29.54 | 15.43 |
| 11-A-9 | | 36 44.78 | -78 16.45 | 479.10 | 979861.435 | 11.47 | -4.87 |
| 11-A-10 | | 36 41.02 | -78 17.02 | 369.18 | 979854.260 | -0.62 | -13.21 |
| 11-A-11 | | 36 37.53 | -78 17.85 | 269.00 | 979851.133 | -8.16 | -17.33 |
| 11-B-1 | | 36 41.80 | -78 22.78 | 405.94 | 979882.145 | 29.59 | 15.75 |
| 11-B-2 | | 36 39.13 | -78 29.48 | 398.92 | 979880.869 | 31.50 | 17.89 |
| 11-B-3 | | 36 39.12 | -78 28.48 | 345.29 | 979883.953 | 29.56 | 17.78 |
| 11-B-4 | | 36 39.25 | -78 27.33 | 324.37 | 979884.410 | 27.86 | 16.79 |
| 11-B-5 | | 36 39.53 | -78 26.25 | 319.11 | 979885.573 | 28.12 | 17.23 |
| 11-B-6 | | 36 39.68 | -78 25.12 | 344.10 | 979883.718 | 28.40 | 16.66 |
| 11-B-7 | | 36 39.70 | -78 24.70 | 395.23 | 979880.900 | 30.36 | 16.88 |
| 11-B-8 | | 36 40.02 | -78 24.80 | 393.16 | 979881.328 | 30.14 | 16.73 |
| 11-B-9 | | 36 40.13 | -78 24.10 | 357.11 | 979882.488 | 27.74 | 15.56 |
| 11-B-10 | | 36 40.38 | -78 22.67 | 283.74 | 979884.730 | 22.72 | 13.05 |
| 11-C-1 | | 36 33.67 | -78 26.77 | 405.05 | 979857.339 | 16.41 | 2.59 |
| 11-C-2 | | 36 32.23 | -78 25.38 | 389.48 | 979851.800 | 11.46 | -1.82 |
| 11-C-4 | | 36 30.50 | -78 26.38 | 408.38 | 979846.616 | 10.55 | -3.38 |
| 11-C-5 | | 36 30.80 | -78 27.47 | 279.91 | 979854.583 | 6.00 | -3.55 |
| 11-C-6 | | 36 30.78 | -78 28.23 | 422.25 | 979846.815 | 11.65 | -2.76 |
| 11-D-1 | | 36 36.45 | -78 21.67 | 403.00 | 979856.307 | 11.18 | -2.57 |
| 11-D-2 | | 36 35.97 | -78 18.18 | 331.87 | 979843.875 | -7.25 | -18.57 |
| 11-D-3 | | 36 32.90 | -78 15.55 | 379.00 | 979835.888 | -6.39 | -19.32 |
| 11-D-4 | | 36 33.67 | -78 18.42 | 335.00 | 979839.245 | -8.28 | -19.70 |
| 11-D-5 | | 36 30.43 | -78 19.90 | 325.49 | 979836.177 | -7.59 | -18.69 |
| 10-A-1 | | 36 41.98 | -78 5.97 | 453.01 | 979859.180 | 10.79 | -4.66 |
| 10-A-2 | | 36 41.77 | -78 5.62 | 457.35 | 979858.774 | 11.11 | -4.49 |
| 10-A-3 | | 36 42.30 | -78 1.95 | 388.06 | 979862.922 | 7.97 | -5.27 |
| 10-A-4 | | 36 40.48 | -78 1.52 | 373.62 | 979858.330 | 4.63 | -8.11 |
| 10-A-5 | | 36 38.67 | -78 1.35 | 306.44 | 979858.474 | 1.07 | -9.38 |
| 10-A-6 | | 36 37.60 | -78 3.55 | 350.50 | 979857.617 | 5.90 | -6.06 |
| 10-A-7 | | 36 38.32 | -78 7.18 | 385.33 | 979849.738 | 0.26 | -12.88 |

| Station Number | | Latitude | Longitude | Elevation | Observed Gravity | Free Air Gravity | Bouguer Gravity |
|---|---|---|---|---|---|---|---|
| 10-A-8 | | 36 37.82 | -78 5.58 | 369.67 | 979854.917 | 4.69 | -7.92 |
| 10-A-9 | | 36 44.75 | -78 6.60 | 432.77 | 979862.767 | 8.49 | -6.27 |
| 10-A-10 | | 36 44.07 | -78 7.35 | 451.65 | 979860.224 | 8.71 | -6.70 |
| 10-A-11 | | 36 42.27 | -78 6.45 | 442.48 | 979859.729 | 9.94 | -5.15 |
| 10-A-12 | | 36 40.95 | -78 6.02 | 443.55 | 979857.132 | 9.34 | -5.79 |
| 10-A-13 | | 36 40.17 | -78 5.95 | 423.77 | 979856.328 | 7.80 | -6.65 |
| 10-A-14 | | 36 39.53 | -78 6.17 | 389.85 | 979856.309 | 5.51 | -7.79 |
| 10-A-15 | | 36 38.92 | -78 6.98 | 429.26 | 979848.844 | 2.64 | -12.00 |
| 10-A-16 | | 36 41.90 | -78 4.57 | 406.14 | 979862.939 | 10.26 | -3.59 |
| 10-A-17 | | 36 42.32 | -78 2.22 | 396.51 | 979862.524 | 8.34 | -5.18 |
| 10-A-18 | | 36 42.20 | -78 1.23 | 374.50 | 979861.763 | 5.68 | -7.09 |
| 10-A-19 | | 36 42.30 | -78 0.18 | 356.00 | 979861.552 | 3.58 | -8.56 |
| 10-B-1 | BASE | 36 40.28 | -78 12.80 | 323.36 | 979855.414 | -2.72 | -13.74 |
| 10-B-2 | | 36 44.63 | -78 8.10 | 402.14 | 979863.093 | 6.10 | -7.61 |
| 10-B-3 | | 36 43.53 | -78 8.45 | 440.86 | 979857.966 | 6.20 | -8.83 |
| 10-B-4 | | 36 44.30 | -78 9.23 | 396.90 | 979863.119 | 6.12 | -7.42 |
| 10-B-5 | | 36 43.48 | -78 13.80 | 416.47 | 979854.763 | 0.78 | -13.43 |
| 10-B-6 | | 36 40.25 | -78 14.80 | 313.75 | 979852.303 | -6.69 | -17.39 |
| 10-B-7 | | 36 39.60 | -78 11.08 | 368.73 | 979853.015 | 0.13 | -12.45 |
| 10-B-8 | | 36 38.03 | -78 10.55 | 282.10 | 979854.083 | -4.70 | -14.32 |
| 10-C-1 | | 36 35.98 | -78 8.58 | 337.85 | 979845.623 | -4.96 | -16.48 |
| 10-C-2 | | 36 34.78 | -78 13.73 | 341.35 | 979843.336 | -5.19 | -16.84 |
| 10-C-3 | | 36 33.62 | -78 14.37 | 383.91 | 979837.969 | -4.88 | -17.97 |
| 10-C-4 | | 36 32.65 | -78 9.50 | 320.35 | 979839.997 | -7.44 | -18.37 |
| 10-C-5 | | 36 32.70 | -78 8.65 | 310.29 | 979844.391 | -4.06 | -14.65 |
| 10-C-6 | | 36 32.50 | -78 9.48 | 309.96 | 979840.189 | -8.01 | -18.58 |
| 10-C-7 | | 36 31.68 | -78 9.63 | 315.92 | 979837.335 | -9.13 | -19.90 |
| 10-C-8 | | 36 33.12 | -78 9.98 | 282.50 | 979843.082 | -8.59 | -18.22 |
| 10-C-9 | | 36 31.03 | -78 9.87 | 332.25 | 979833.725 | -10.27 | -21.60 |
| 10-D-1 | | 36 36.22 | -78 0.65 | 293.97 | 979857.015 | 1.97 | -8.06 |
| 10-D-2 | | 36 34.12 | -78 2.02 | 281.23 | 979855.566 | 2.34 | -7.25 |
| 10-D-3 | | 36 34.35 | -78 3.73 | 288.81 | 979854.842 | 1.99 | -7.86 |
| 10-D-4 | | 36 34.20 | -78 6.72 | 363.28 | 979844.043 | -1.58 | -13.97 |

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES
James L. Calver
Commissioner of Mineral Resources and State Geologist

SHEET 6




EXPLANATION

Machine contoured map; reduction density, 2.67 g/cm$^3$; datum, 980, 118,000 milligals; no terrain correction; gravity station indicated by +.

−80 −60 −40 −20 0 Milligals

# BOUGUER GRAVITY MAP

## SHEET 6, VIRGINIA

By Stanley S. Johnson

5 0 5 10 Miles

CONTOUR INTERVAL 4 MILLIGALS

1971

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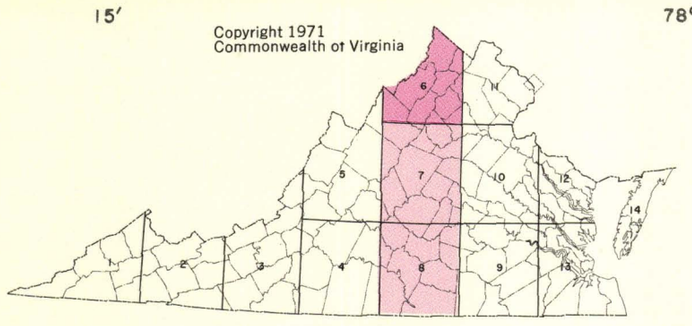

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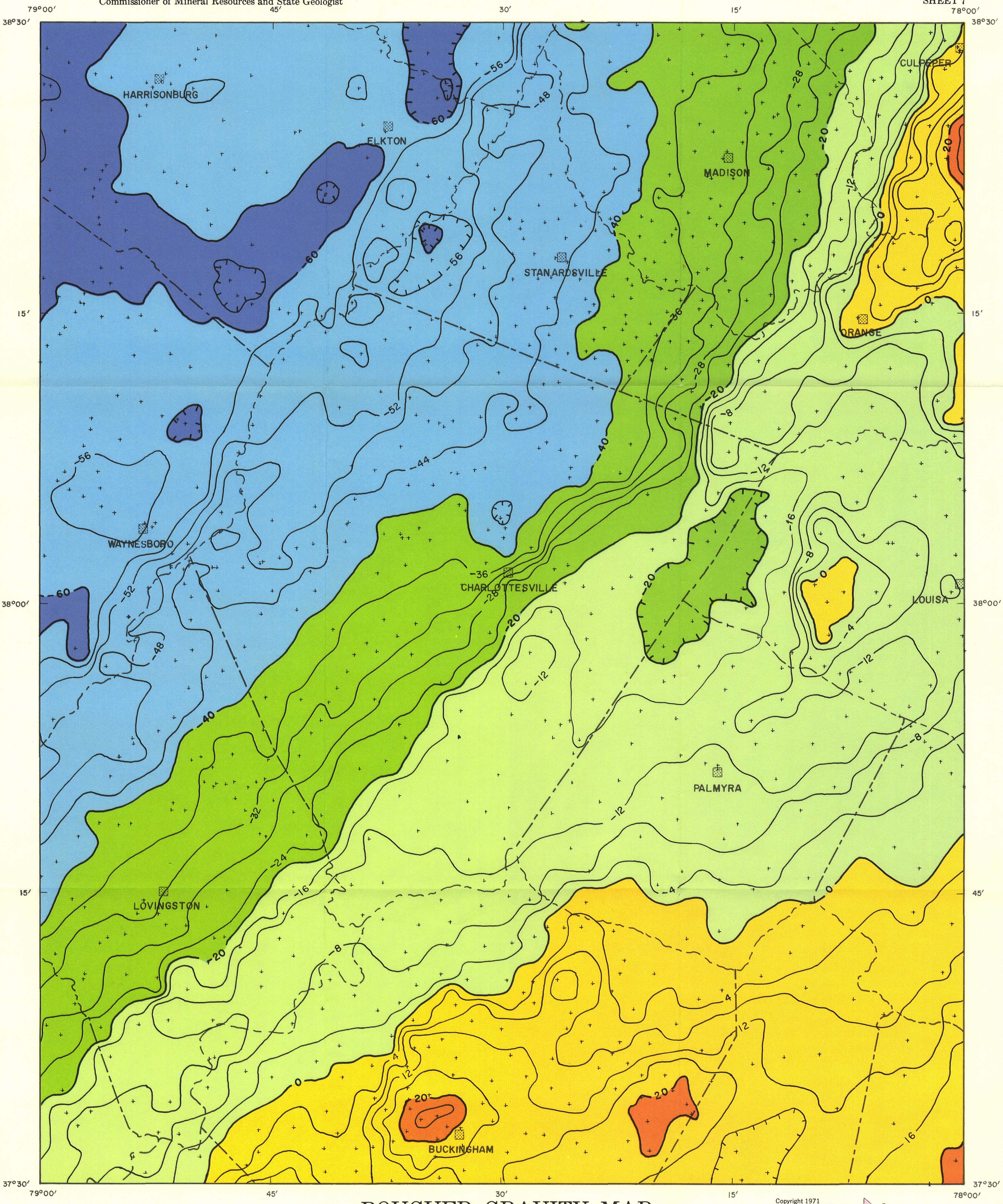
SHEET 7




# BOUGUER GRAVITY MAP

## SHEET 7, VIRGINIA

By Stanley S. Johnson and Palmer C. Sweet

EXPLANATION

Machine contoured map; reduction density, 2.67 g/cm$^3$; datum, 980, 118,000 milligals; no terrain correction; gravity station indicated by +.

−80 −60 −40 −20 0 20 40 Milligals

5 0 5 10 Miles

CONTOUR INTERVAL 4 MILLIGALS

1971

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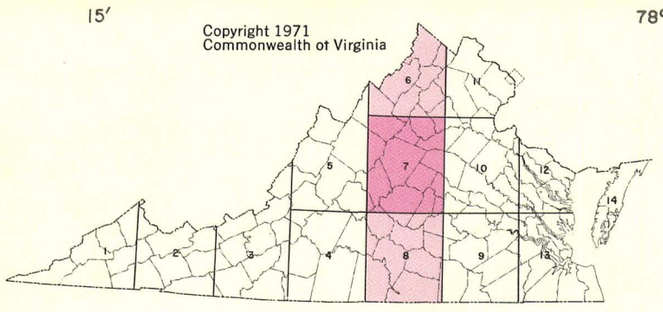

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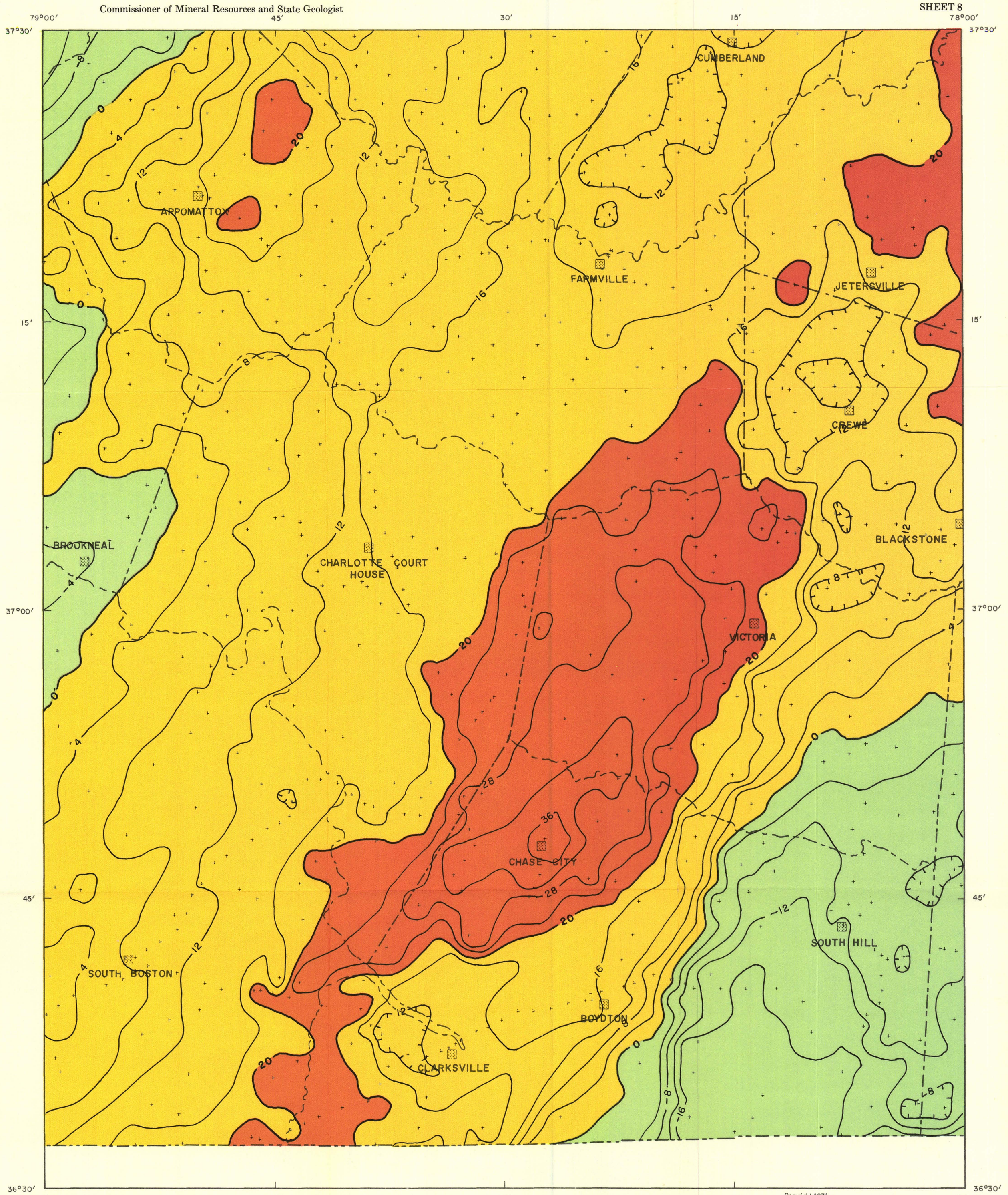
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES
James L. Calver
Commissioner of Mineral Resources and State Geologist

SHEET 8




EXPLANATION

Machine contoured map; reduction density, 2.67 g/cm$^3$; datum, 980, 118,000 milligals; no terrain correction; gravity station indicated by +.

−20 0 20 40 Milligals

# BOUGUER GRAVITY MAP

## SHEET 8, VIRGINIA

By Stanley S. Johnson and Palmer C. Sweet

5 0 5 10 Miles

CONTOUR INTERVAL 4 MILLIGALS

1971

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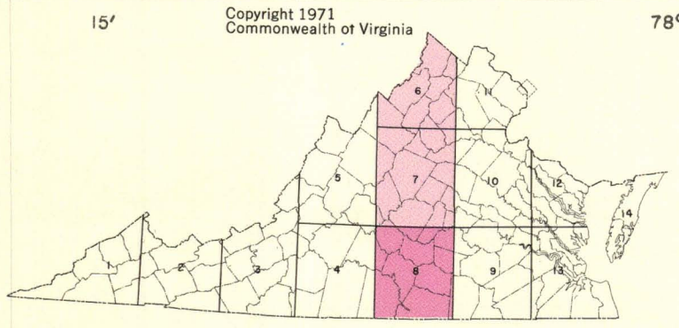

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