

**ACQUISITION AND PROCESSING
OF LAND GRAVITY DATA
NORTHWESTERN NEW YORK STATE**

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EDCON Job Number 01006

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NYSERDA Project
Spring, 2001

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BACK POCKET

CD containing report, pdf map files, reduced gravity data, field data, and gridded data.

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Map	Reference Number
Maps at 1:100,000	
Topography with Stations Annotated	01006-78-01
2.50 g/cm ³ Complete Bouguer Gravity	01006-64-01
2.50 g/cm ³ Regional Bouguer Gravity	01006-65-01
2.50 g/cm ³ Residual Bouguer Gravity	01006-66-01

The mapping parameters for all maps are :

Geodetic Datum	:	NAD-27
Projection	:	Universal Transverse Mercator
Spheroid	:	Clarke 1866
Central Meridian	:	75° West Longitude
False Northing	:	0.0 Meters
False Easting	:	500,000 Meters
Scale Factor	:	0.9996

I. INTRODUCTION

The gravity survey described in this report was performed for Pearson, deRidder and Johnson, Inc. and EDCON, Inc. with support from the New York State Energy Research and Development Agency in an area covering parts of Ontario, Yates, Livingston, and Steuben Counties, New York. The survey, which mobilized on Mar. 24, 2001 and ended on Apr 24, 2001, consists of 1,384 stations and two gravity bases. The locations of the stations of this new survey are shown in Figure 1.

In general, gravity stations were acquired at a nominal ½ mile spacing along roads, most of which are oriented either north-south or east-west. Surveying of station coordinates and elevations was performed with Trimble Fast-Static GPS.

The data were reduced to simple Bouguer gravity using the 1967 gravity formula (IGSN 71 datum) and terrain-corrected to 99.0 km (Hayford-Bowie Zone N) from each station. An additional correction for the lake effect was applied. All gravity maps were computed at a density of 2.50 g/cm³.

The data were acquired and processed under EDCON job number 01006. Reference to this job number in any communications regarding this job will facilitate a prompt response.

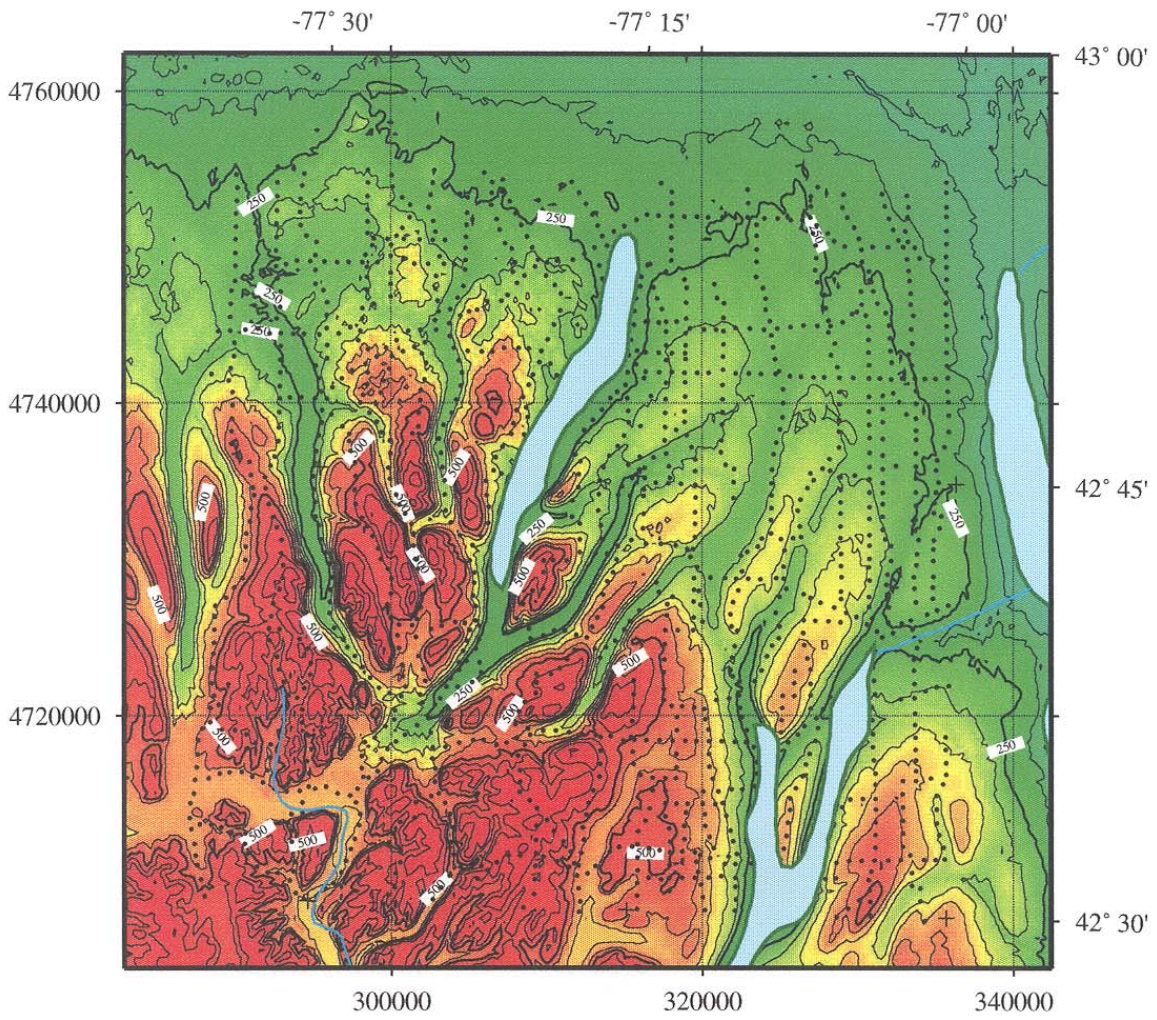
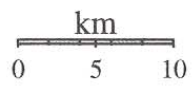


FIGURE 1
SURVEY LOCATION WITH TOPOGRAPHY

C.I. = 50.0 Meters



II. FIELD ACQUISITION

A. Summary of Field Operations

Data acquisition was performed by Christopher Magee, geophysicist, and Drew Celovsky, surveyor and gravity meter operator. Field work began on March 27 with the tying of gravity base 9030 to the IGSN base. Field work was completed on April 24.

The daily routine was to read the gravity base station 9030, then depart the Finger Lakes Inn for the survey area. The gravity meters were read on a standard gravity meter base plate. It was not necessary to use tripod legs with the base plate. For those stations close to major topographic features, vertical angles for use in computing near-zone terrain corrections were read at the station using a compass, clinometer, and EDCON's sixteen compartment terrain template to permit computation of a terrain correction for the first 50 meters about the gravity station.

All gravity data were acquired in loops which began and ended at a known gravity base. A new gravity base station was established at Finger Lakes Inn (station 9030) by tying it to the IGSN base in Geneva (ACIC 3356-1). The base station descriptions are presented in Appendix A.

Table 1 summarizes the daily data acquisition rates for this project. Note that the two loops acquired on March 27 were run to tie the new base at the Finger Lakes Inn (9030) to the IGSN base Geneva.

B. Gravity Meters

Gravity data were acquired with LaCoste and Romberg Model G gravity meters G-603 and G-762. Cross-level, long-level, and sensitivity checks were made prior to acquisition of any data and periodically throughout the survey, with corrections made as needed. The meters were kept on heat continuously when not in use.

Table 1
Daily Acquisition Rates

Date	Meter 603		Meter 762		Total	
	New	Repeat	New	Repeat	New	Repeat
3/27	2	1			2	1
3/28	-	-	-	-	-	-
3/29	56	3	-	-	56	3
3/30	36	3	-	-	36	3
3/31	36	3	-	-	36	3
4/01	0	2	-	-	0	2
4/02	29	1	-	-	29	1
4/03	66	6	-	-	66	6
4/04	60	5	0	23	60	28
4/05	29	1	42	6	71	7
4/06	17	6	44	3	61	9
4/07	29	3	52	4	81	7
4/08	33	2	42	6	75	8
4/09	34	3	-	-	34	3
4/10	43	1	59	3	102	4
4/11	38	2	51	2	89	4
4/12	36	3	14	5	50	8
4/13	30	4	47	3	77	7
4/14	44	1	20	0	64	1
4/15	31	1	35	1	66	2
4/16	38	2	30	2	68	4
4/17	58	0	52	2	110	2
4/18	51	0	46	4	97	4
4/19	-	-	-	-	-	-
4/20	0	2	28	2	28	4
4/21	28	3	0	1	28	4
4/22	-	-	-	-	-	-
4/23	0	1	0	1	0	2
4/24	0	1	0	1	0	2
TOTALS					1386	129

EDCON's G meters are calibrated and adjusted in the lab and on the Rocky Mountain Gravity Calibration Course prior to being sent into the field, and are rechecked for calibration errors after each survey. All meters were found to be in good calibration both before and after the survey. The meter calibration tables are presented in Appendix B.

C. Survey Station Placement and Coordinates

The plan for this survey was to acquire stations at nominal ½ mile spacing along roads, which in the survey area run predominately either north-south or west-east.

Topographic surveying for latitude, longitude, and elevation was generally performed simultaneously with gravity data acquisition using Trimble GPS receivers in the Fast-Static mode. A network of base receiver control points was established in and around the survey area. The control network is tied to several National Geodetic Survey control points. Horizontal NGS control was obtained by occupying stations GENEVA 1992, VAN GELDER RESET, MARROW, and K115. Vertical control was established by occupying NGS stations GENEVA 1992, VAN GELDER RESET, K155, Y155, and X54. Additional control was established at strategic locations around the survey area. The additional control points are designated HALL, GREEN, TELE, WEST BLOOM AZ, and SNELL.

The gravity stations were surveyed in NAD 27 Zone 18 North coordinates in meters. The Datum Grid method was used to transform from the WGS-84 datum to the NAD 27 DATUM. The GEOID 99 geoid model was used to calculate elevations from ellipsoid heights.

Stations were numbered sequentially with one operator beginning at 1001 and the second at 3001.

III. PROCESSING

A. Final Data Preparation

As data were acquired and field-processed, they were e-mailed back to EDCON's Denver office where they were loaded into EDCON's computer system in the form of files of positioning data (latitude, longitude, and elevation), and field gravity data. The field gravity file was checked against the field data books for data entry errors and edited accordingly. The final field data file so created is presented in Appendix C and on the CD bound in the back of this report.

B. Reduction to Simple Bouguer Gravity

1. Reduction Method

After the field data were checked, reduction to simple Bouguer gravity was carried out by the following steps:

To compute station (absolute) gravity:

Convert meter counter units to mGal by multiplying each meter reading by a calibration factor determined from the meter calibration tables of Appendix B.

Compute and apply lunar/solar tidal correction. These corrections are determined from the date and time of each observation.

Correct for instrument drift as determined from the base station readings made at the start and end of each loop.

Add to the result of the above steps the absolute gravity value for base station GENEVA.

To compute free-air gravity:

Apply to the absolute station gravity the latitude correction as computed from the latitude ϕ of the station and the 1967 (IGSN 71 datum) gravity formula :

$$g(\phi)=978031.846+5162.92742*\sin^2(\phi)+22.94658*\sin^4(\phi)$$

Apply the free-air elevation correction as computed from the elevation and the free-air constant of 0.308596 mGal per foot.

To compute simple Bouguer gravity:

Apply the Bouguer slab correction as computed from the elevation of the station, the specified rock density, and the Bouguer constant of 0.04193 mGal per foot.

Thus, simple Bouguer gravity = station gravity - latitude correction + free-air elevation correction - Bouguer slab correction.

2. Data Quality - Meter Drift and Control Point Mis-ties

The first check on the quality of the data is the amount of meter drift in each acquisition loop. Here, meter drift is actually the sum of true meter drift and the effects of tares caused by jarring of the meter. As a general rule of thumb, experience has shown that if the total drift for a loop is less than 0.2 mGal, it is unlikely that there is a problem in the loop. High drift indicates a likely tare in the loop which would need to be located and repaired. As the data of Table 2 show, the drifts for the loops of this survey are low. Thus, from this standpoint, there are no problem loops.

The second check on the quality of the data is the mis-ties of the control points. A control point is any station which has been occupied more than once during the course of a survey. (The purpose of using control points is twofold : first, control

Table 2
Loop Statistics

Loop	Meter	Base	Date	Time	Drift Rate (mGal/Hr)	Duration (Hr)	Total Drift (mGal)
1	603	GENEV	3/27	1133	0.0224	1.43	0.0321
2	603	GENEV	3/27	1259	0.0344	0.93	0.0321
3	603	9030	3/29	723	0.0027	11.65	0.0309
4	603	9030	3/30	925	0.0009	9.43	0.0084
5	603	9030	3/31	947	-0.0144	4.55	-0.0656
6	603	9030	3/31	1420	0.0040	3.15	0.0125
7	603	9030	4/01	1228	-0.0072	1.52	-0.0109
8	603	9030	4/02	1116	-0.0030	6.68	-0.0200
9	603	9030	4/03	845	-0.0005	4.25	-0.0022
10	603	9030	4/03	1300	0.0001	5.00	-0.0005
11	603	9030	4/04	935	0.0009	3.18	0.0028
12	603	9030	4/04	1246	-0.0015	5.63	-0.0084
13	762	9030	4/04	927	0.0026	10.68	0.0283
14	603	9030	4/05	739	-0.0139	10.22	-0.1416
15	762	9030	4/05	1024	0.0014	7.60	0.0107
16	603	9030	4/06	748	-0.0018	10.08	-0.0186
17	762	9030	4/06	919	0.0022	8.75	0.0190
18	603	9030	4/07	727	-0.0019	10.42	-0.0193
19	762	9030	4/07	823	0.0015	10.12	0.0149
20	603	9030	4/08	738	0.0000	10.02	0.0000
21	762	9030	4/08	809	-0.0041	9.80	-0.0405
22	603	9030	4/09	716	-0.0085	4.25	-0.0360
23	603	9030	4/09	1132	-0.0001	6.40	-0.0010
24	762	9030	4/10	708	0.0006	9.88	0.0058
25	603	9030	4/10	712	0.0034	9.63	0.0323
26	603	9030	4/11	638	-0.0016	11.70	-0.0188
27	762	9030	4/11	737	0.0069	3.80	0.0263
28	762	9030	4/11	1125	-0.0032	7.15	-0.0227

29	603	9030	4/12	712	-0.0003	11.23	-0.0033
30	762	9030	4/12	1227	-0.0083	6.08	-0.0504
31	603	9030	4/13	643	0.0018	11.40	0.0205
32	762	9030	4/13	738	0.0042	11.63	0.0486
33	603	9030	4/14	712	0.0002	11.07	0.0018
34	762	9030	4/14	847	0.0045	4.75	0.0215
35	603	9030	4/15	720	0.0024	11.05	0.0264
36	762	9030	4/15	853	0.0012	10.10	0.0123
37	603	9030	4/16	726	-0.0010	11.37	-0.0110
38	762	9030	4/16	1250	0.0116	7.50	0.0866
39	603	9030	4/17	728	0.0012	13.17	0.0162
40	762	9030	4/17	910	0.0054	11.20	0.0601
41	603	9030	4/18	717	-0.0002	12.53	-0.0027
42	762	9030	4/18	950	0.0048	9.77	0.0466
43	603	9030	4/20	738	-0.0030	13.18	-0.0393
44	762	9030	4/20	846	0.0003	11.85	0.0031
45	603	9030	4/21	730	-0.0086	6.32	-0.0541
46	762	9030	4/21	926	-0.0017	6.72	-0.0112
47	603	9030	4/23	728	-0.0023	9.98	-0.0233
48	762	9030	4/23	1009	-0.0087	6.87	-0.0600
49	603	9030	4/24	726	0.0001	8.82	0.0010

Maximum Loop Duration = 13.18 hours Maximum Loop Drift = 0.142 mGal

points provide a check on the accuracy of the survey data. Second, it is possible to use a control point as a secondary base if one of the base stations of a loop is suspected to be in error or if a tare in the loop is suspected.)

During the course of this survey, a total of 129 stations were re-occupied one or more times. Examination of the loop statistics of Table 2 and the control-point mis-ties showed that there were no loop-related problems. The maximum mis-tie was 0.22 mGal; the mean repeat mis-tie was 0.02 mGal. Ninety-two percent of the mis-ties were less than 0.10 mGal.

C. Terrain Corrections

1. Purpose

Terrain corrections are used to correct for irregularities in terrain - the excess mass of a nearby hill pulls up on the gravity meter beam, decreasing the measured gravity, while the deficiency of mass represented by a valley fails to pull the beam down, again decreasing the measured gravity. To correct for this, terrain corrections are computed from models of the terrain and added to the simple Bouguer gravity to arrive at complete Bouguer gravity.

2. The Algorithm

Terrain corrections are computed by an adaptation of the terrain correction algorithm published by Krohn (Geophysics, April 1996, vol. 41, no. 2, pp 266-275). In essence, this algorithm fits a system of multiquadric equations to the topographic model. The equations used are those which describe cones:

$$z = c[(x_0 - x)^2 + (y_0 - y)^2]^{1/2}$$

where x_o and y_o are the coordinates of the apex of the cone and c is a coefficient governing the flatness of the cone. Forming a system of n cones gives:

$$z_i = \sum_{j=1}^n c_j [(x_j - x_i)^2 - (y_j - y_i)^2]^{1/2}$$

$i = 1, \dots, n$

Setting $a_{ij} = [(x_j - x_i)^2 - (y_j - y_i)^2]^{1/2}$, the $n \times n$ matrix $A = [a_{ij}]$.

Let the vector $C = [c_j]$ and the vector $Z = [z_i]$, then $AC = Z$, a linear system. This is solved by performing Gaussian elimination on the augmented matrix.

After solving for C , the elevation at any point (x,y) may be calculated from:

$$z = \sum_{j=1}^n c_j [(x_j - x)^2 - (y_j - y)^2]^{1/2}$$

This system of multiquadric equations defines a smooth surface passing through all of the input data points.

The gravitational attraction of the multiquadric surface is calculated by first dividing the surface into a series of rings centered about the station in question. The area between each pair of adjacent rings is divided into nearly square components by the formula:

$$n = \Sigma[(R_2/R_1 + 1)/(R_2/R_1 - 1)]$$

where n is the number of compartments in an annulus with inner radius R_1 and outer radius R_2 . The elevation of each compartment is the elevation of the multiquadric surface at the compartment center. The attraction of the compartment is then:

$$g = \frac{2\pi\gamma\rho}{n} [R_2 - R_1 + (R_1^2 + z^2)^{1/2} - (R_2^2 + z^2)^{1/2}]$$

Summing the attraction for each compartment yields the terrain correction for the station. (In practice, each term of the above quantity in brackets is corrected for the curvature of the earth.)

3. Terrain Models

Terrain corrections for Hayford-Bowie zones A through N (0.001 to 99.0 km) were computed in three phases - near-zones, mid-zones, and outer-zones. This division was made to take advantage of the detailed terrain data available close to the survey area.

The near-zones are defined as topography within 50 meters of a gravity station (Hayford-Bowie zones A through inner B). Terrain information for these zones was acquired in the field at the time that gravity data were acquired if the operator felt that there was significant topographic relief near the station. This terrain information takes the form of vertical angles to the center of compartments at 6.25, 12.5, and 37.5 meters from each gravity station. These angles and distances were converted to compartment center elevations relative to the station elevation. The near-zone terrain correction was then computed from these relative elevations.

These angles were not measured at all stations. If the operator felt that the topography within 50 meters of the station was nearly flat, no measurements were made. However, during final processing, it was found that that some stations in areas of with noticeable topographic relief had no near-zone terrain correction. Therefore, near-zone terrain corrections for all such stations were computed from the digital elevation model described below.

The mid-zones are defined as topography from 100 meters to 1.617 km from the gravity station (Hayford-Bowie zones inner B through inner F). Digital elevation models in the form of 30 meter grids of the relevant 7.5 minute topographic quads were purchased from ChartTiff (www.charttiff.com). The individual grids were converted to x, y, z files which were then combined and gridded together at a grid interval of 100 feet.. After mapping to check that the grid was not aliased by the grid interval, the terrain corrections were then computed by extracting from this grid the elevation data for the desired rings about each station.

The outer-zones are defined as topography from 1.617 km to 99.0 km from the gravity station (Hayford-Bowie zones outer F through n). The source of terrain information for these zones was the 1 degree by 1 degree digital elevation models made by the USGS by digitizing 1:250,000 topographic maps. The models were gridded at a 1,000 foot grid interval. (Since terrain corrections are being computed for terrain farther from the station, less detail is needed than for the inner zones.) The terrain corrections for these zones were then computed by extracting from this grid the elevation data for the desired rings about each station.

4. Definition of Zones

Through experimentation, it has been found that the Hayford-Bowie zones are too coarse to adequately represent terrain, especially at the inner and mid-zones. Accordingly, these zones were sub-divided as shown into three sub-zones to provide a more accurate terrain correction.

D. Calculation of Correction for Lake Effects

The lakes within and near the survey area affect the gravity measurements. If the lakes were empty, their topographic effects on the gravity measurements would be removed by the above-described terrain corrections. However, since the lakes are filled with water, the digital elevation models used to calculate terrain corrections are of constant elevation over the lakes ; thus, the terrain corrections do not reflect the effect of the column of water from lake surface to water bottom.

To compute a correction for the effects of the lakes on the gravity measurements, two surfaces were used - the first, or Z1 surface, was the existing digital elevation model. The second, or Z2, was a modified version of this model where the constant elevations over the lake were replaced with topography representing the bottoms of the lakes. The sources of bathymetry information were NOAA chart 14791-1 entitled 'New York State Barge Canal System - Cayuga and Seneca Lakes' for these two lakes and a set of maps downloaded from the web site :

www.dec.state.ny.us/website/reg8/lakes/index.html

These maps provided bathymetry information for lakes Keuka, Canandaigua, Honeoye, Hemlock, Conesus, and Canadice. All available bathymetry information was digitized and gridded together to form a grid of water depth for each lake. All grid cells not located over a lake were set to zero. Adding this grid to the Z1 grid resulted in the Z2 grid.

The computational method uses vertical prisms bounded on the top by Z1 and the bottom by Z2. It is an adaptation of the method of polyhedral surface integration as described by Barnett (Barnett, C.T., 1976, 'Theoretical Modeling of the Magnetic and Gravitational Fields of an Arbitrarily Shaped Three-dimensional Body': Geophysics, Vol. 41, No. 6, p. 1353).

The computation covered all vertical prisms within a radius of 12.4 km of each station. This radial distance was selected after experimentation showed that extending the calculations to prisms farther from the station did not affect the final result. The results as listed in the data of Appendix D were calculated at a density of 1.67 g/cm^3 (rock density of 2.67 g/cm^3 - water density of 1.00 g/cm^3).

IV. FINAL PROCESSING

A. Final Terrain-Corrected (Complete) Bouguer Gravity

Upon completion of the terrain correction and lake effect calculations, these corrections were scaled to the appropriate Bouguer density and added to the simple Bouguer gravity. A map of the resulting terrain-corrected Bouguer gravity was examined for single-station anomalies caused by a station gravity value significantly different from those of surrounding stations. No such points were found.

B. Final Choice of Bouguer Density

Initially, Bouguer gravity was computed and mapped at a density of 2.67 g/cm^3 . However, comparison with the topography of the survey area indicated that a lower density would be more appropriate. Accordingly, complete Bouguer gravity is provided for each gravity station (Appendix D and CD) at densities of 2.40, 2.50, and 2.67 g/cm^3 , with the 2.50 g/cm^3 Bouguer gravity considered optimal and accordingly used for mapping. A map of the 2.50 g/cm^3 complete Bouguer gravity is shown in Figure 2.

C. Regional - Residual Separation

Removal of a regional field from the complete Bouguer gravity produces a residual gravity field, which highlights higher frequency anomalies. The approach taken to calculating a regional gravity field was to low-pass filter the complete Bouguer gravity using a swing-tail filter. (To minimize edge effects, the grid of complete Bouguer gravity was first extended with public domain data extracted from the U.S.G.S. data base and reduced and corrected in the same fashion as the data of this survey.) The swing-tail filter is a spectral shaping filter that allows some of the higher frequency content to “bleed” through to maintain the shape of anomalies. The operation of this filter can be best understood by noting that a normalized power spectrum can be divided into a number of

straight-line segments. Each of these segments (excluding the high-frequency segments due to noise)

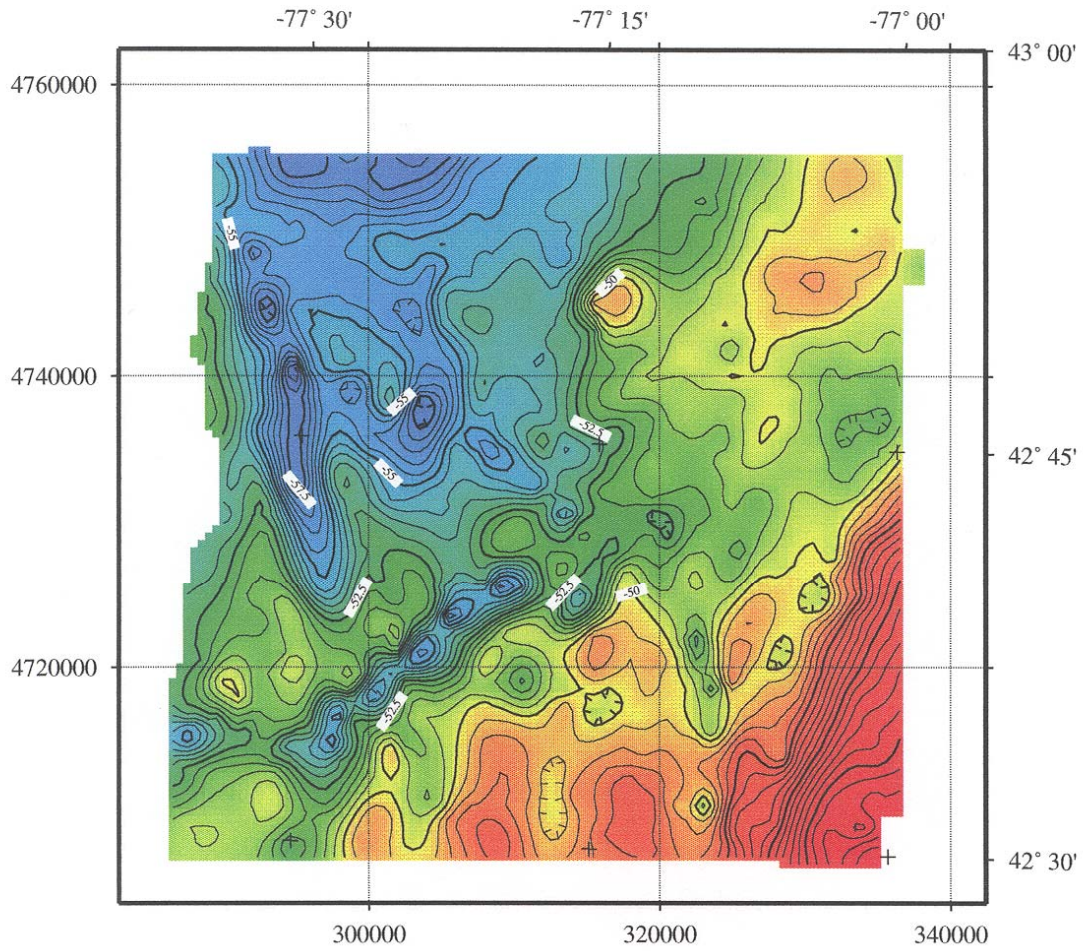
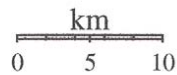


FIGURE 2
COMPLETE 2.50 G/CM³ BOUGUER GRAVITY
C.I. = 0.5 mGal



represents the spectrum due to an assemblage of bodies having tops at approximately the same depth. The swing-tail filter operates by changing the slope of one segment to that of the next lower segment of the spectrum. Succeedingly low-frequency data sets are created by cascading a series of these filters.

The regional so computed is shown in Figure 3. Subtraction of this regional from the complete Bouguer gravity produces the residual Bouguer gravity shown in Figure 4.

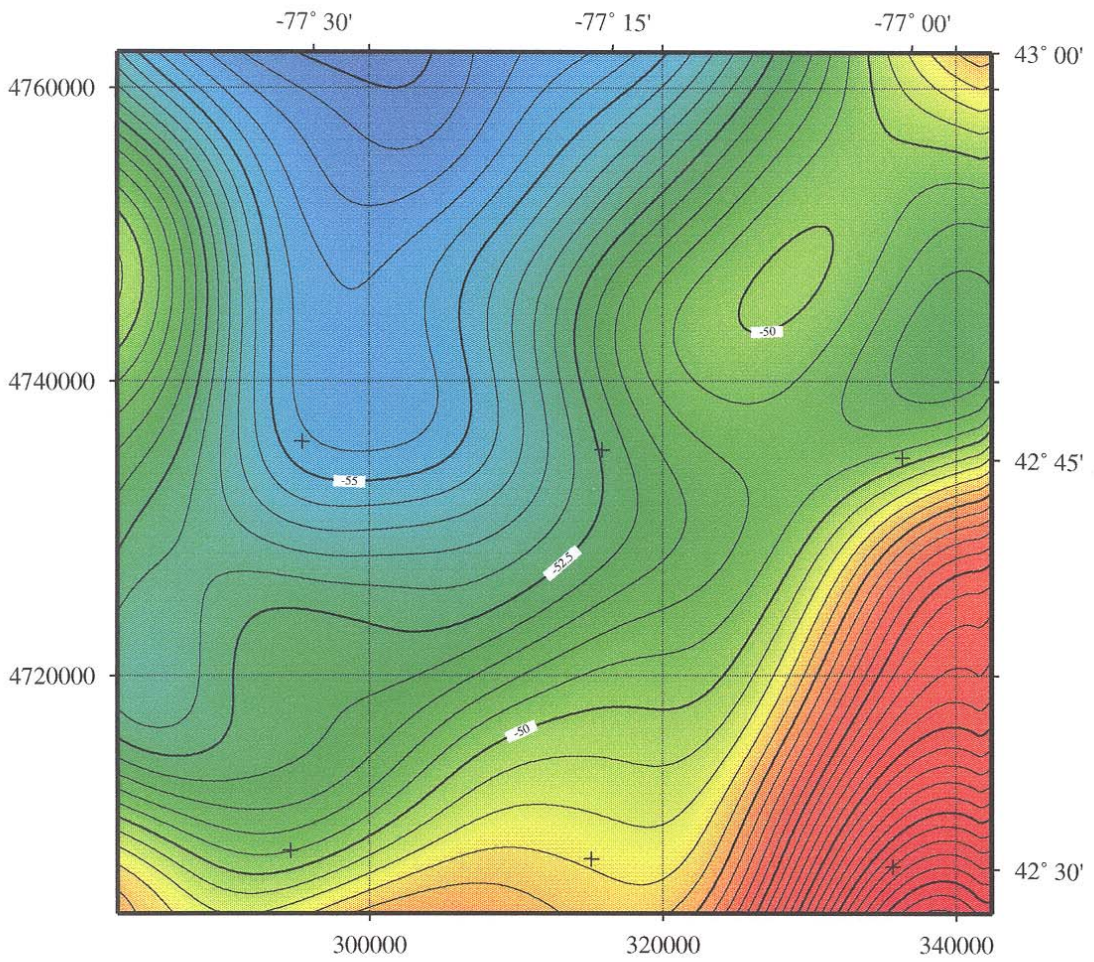
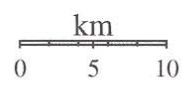


FIGURE 3
REGIONAL 2.5 G/CM³ BOUGUER GRAVITY

C.I. = 0.5 mGal



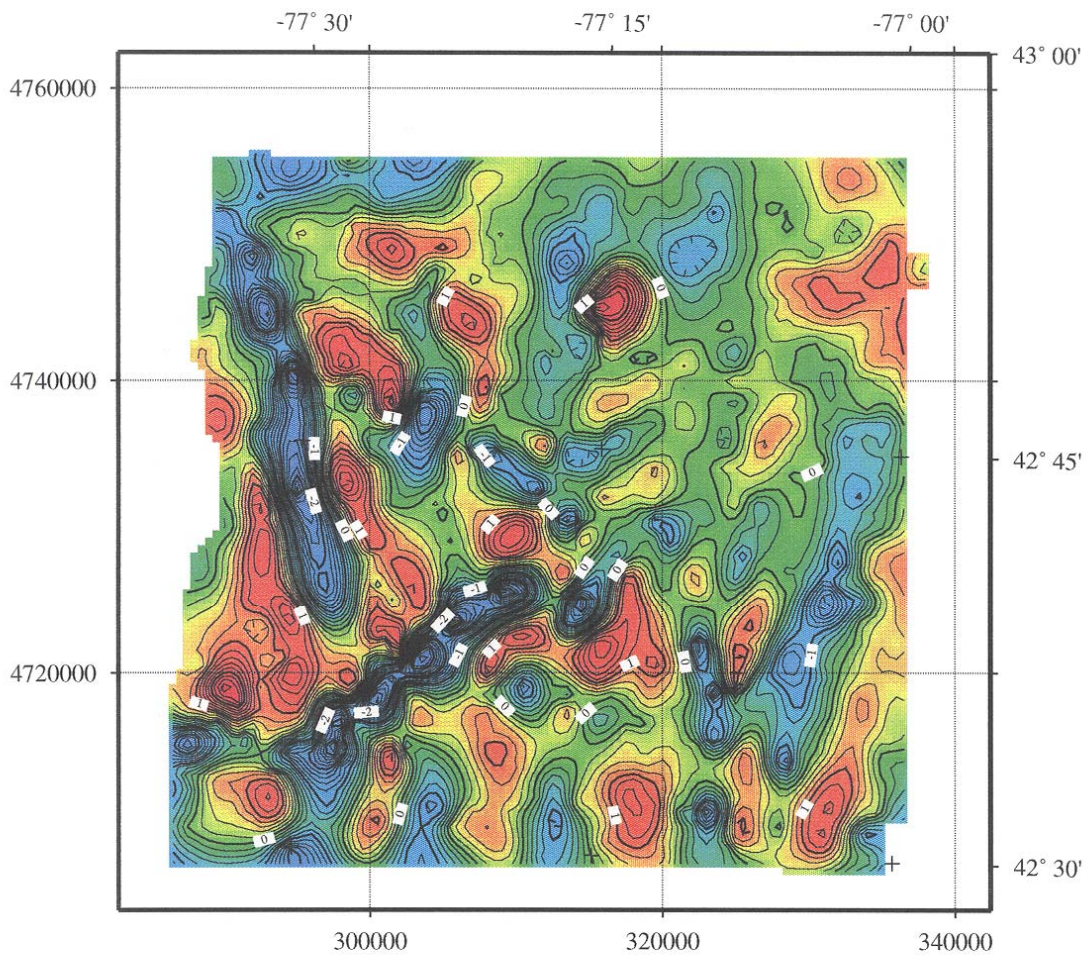
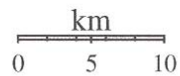


FIGURE 4
RESIDUAL 2.50 G/CM³ BOUGUER GRAVITY
 C.I. = 0.2 mGal



V. FINAL PRODUCTS

In addition to this report, the final products for this survey are:

A map of topography from the detailed digital elevation models at a scale of 1:100,000 (map reference number 01006-75-02).

A complete Bouguer gravity map at a scale of 1:100,000 (map reference number 01006-64-02).

A regional Bouguer gravity map at a scale of 1:100,000 (map reference number 01006-65-02).

A residual Bouguer gravity map at a scale of 1:100,000 (map reference number 01006-66-02).

One CD is provided in the pocket at the end of this report. It contains field data, final processed data, sequential grids, pdf files of the maps, and a digital copy of this report.

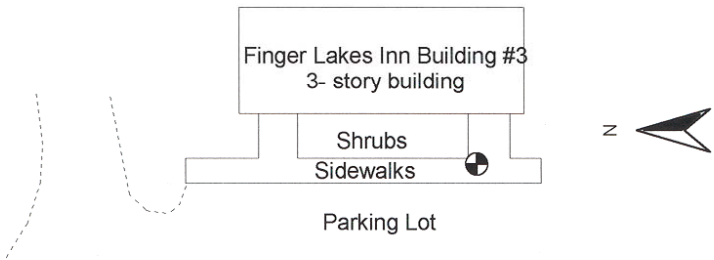
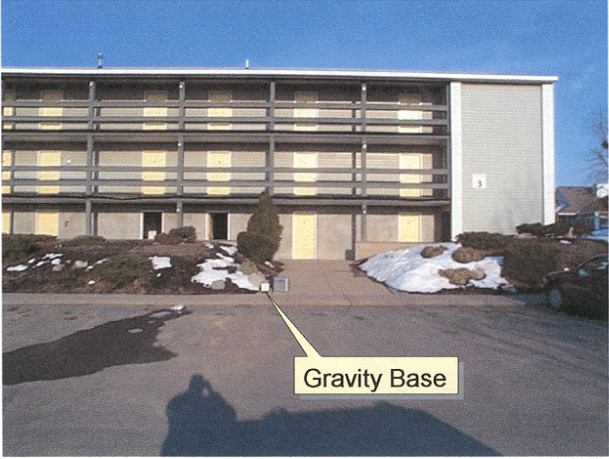
EDCON, Inc.

Alan C. Strauss

APPENDIX A

Base Station Descriptions

GRAVITY BASE STATION			
LATITUDE	42° 51.9'N	(1)	STATION DESIGNATION
LONGITUDE	76° 59.1'W	(1)	GENEVA
ELEVATION	160.0	METERS (1)	COUNTRY/STATE
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3356-1		$g = 980\,356.06$	mgals
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR
			9/69
DESCRIPTION AND/OR SKETCH			
<p>Station is located at Geneva, N. Y. at a small park along Main St. (N. Y. 14), 15 ft east of a statue of a nude lady. Meter read on red brick ground which surrounds the fountain statue is on. (1)</p> <p>IGSN 71 Gravity Value : 980,342.36</p>			
<p>(1)</p>			
REFERENCE SOURCE			
(1) 03037			

Gravity Base Station Description		Station Designation Finger Lakes Inn	Date March 2001
Country USA	State New York	City Canandaigua	
County Ontario	Township/Range Township of Canandaigua	7.5 Min. Quadrangle Canandaigua	
Latitude NAD27 42° 52 22.14" N	Longitude 77° 14' 39.25" W	Elevation NAVD29 220.4 m	
Type of Mark Corner of sidewalk	Position Reference Static GPS	Elevation Reference Static GPS	
Tied to Known Station Geneva DoD 3356-1	Estimated Accuracy of Known Station ± 0.10 mGal	Estimated Accuracy (Relative to Known Station) ± 0.05 mGal	
Gravity Value 980 329.15 mGal		Description By C. Magee	
<p>Description</p> <p>Station is located at corner of sidewalk on west side of building #3 at Finger Lakes Inn in Canandaigua. The motel address is 4343 Route 5 and 20 East.</p>  			

APPENDIX B

Gravity Meter Calibration Tables

CALIBRATION TABLE FOR METER G-603

COUNTER READING	VALUE IN MILLIGALS	COUNTER READING	VALUE IN MILLIGALS
0.0	0.00	3500.0	3581.37
100.0	102.40	3600.0	3683.86
200.0	204.80	3700.0	3786.39
300.0	307.18	3800.0	3888.97
400.0	409.55	3900.0	3991.58
500.0	511.91	4000.0	4094.22
600.0	614.26	4100.0	4196.91
700.0	716.61	4200.0	4299.62
800.0	818.94	4300.0	4402.36
900.0	921.26	4400.0	4505.11
1000.0	1023.58	4500.0	4607.86
1100.0	1125.89	4600.0	4710.62
1200.0	1228.19	4700.0	4813.38
1300.0	1330.49	4800.0	4916.14
1400.0	1432.78	4900.0	5018.91
1500.0	1535.07	5000.0	5121.71
1600.0	1637.36	5100.0	5224.52
1700.0	1739.64	5200.0	5327.34
1800.0	1841.93	5300.0	5430.16
1900.0	1944.21	5400.0	5532.99
2000.0	2046.48	5500.0	5635.81
2100.0	2148.76	5600.0	5738.63
2200.0	2251.04	5700.0	5841.45
2300.0	2353.32	5800.0	5944.26
2400.0	2455.60	5900.0	6047.07
2500.0	2557.88	6000.0	6149.86
2600.0	2660.16	6100.0	6252.63
2700.0	2762.45	6200.0	6355.38
2800.0	2864.75	6300.0	6458.10
2900.0	2967.06	6400.0	6560.79
3000.0	3069.39	6500.0	6663.44
3100.0	3171.74	6600.0	6766.06
3200.0	3274.11	6700.0	6868.65
3300.0	3376.50	6800.0	6971.19
3400.0	3478.92	6900.0	7073.69
7000.0	7176.15		

CALIBRATION TABLE FOR METER G-762

COUNTER READING	VALUE IN MILLIGALS	COUNTER READING	VALUE IN MILLIGALS
0.0	0.00	3500.0	3577.12
100.0	102.31	3600.0	3679.33
200.0	204.59	3700.0	3781.55
300.0	306.85	3800.0	3883.76
400.0	409.10	3900.0	3985.98
500.0	511.33	4000.0	4088.20
600.0	613.56	4100.0	4190.42
700.0	715.77	4200.0	4292.64
800.0	817.98	4300.0	4394.85
900.0	920.19	4400.0	4497.07
1000.0	1022.38	4500.0	4599.28
1100.0	1124.58	4600.0	4701.49
1200.0	1226.77	4700.0	4803.69
1300.0	1328.95	4800.0	4905.88
1400.0	1431.13	4900.0	5008.07
1500.0	1533.31	5000.0	5110.26
1600.0	1635.49	5100.0	5212.43
1700.0	1737.66	5200.0	5314.60
1800.0	1839.84	5300.0	5416.76
1900.0	1942.01	5400.0	5518.90
2000.0	2044.19	5500.0	5621.04
2100.0	2146.37	5600.0	5723.16
2200.0	2248.54	5700.0	5825.26
2300.0	2350.72	5800.0	5927.35
2400.0	2452.91	5900.0	6029.43
2500.0	2555.09	6000.0	6131.49
2600.0	2657.28	6100.0	6233.53
2700.0	2759.47	6200.0	6335.55
2800.0	2861.67	6300.0	6437.55
2900.0	2963.87	6400.0	6539.52
3000.0	3066.07	6500.0	6641.48
3100.0	3168.27	6600.0	6743.41
3200.0	3270.48	6700.0	6845.31
3300.0	3372.69	6800.0	6947.18
3400.0	3474.90	6900.0	7049.01
7000.0	7150.90		

APPENDIX C

Gravity Field Data

Speculative Survey

Northwestern New York State

GRAVITY METER G-603

STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
GENEVA	3272001	11 33	42.8649993	-76.9850003	160.000	3945.62
9030	3272001	12 22	42.8728171	-77.2442355	220.412	3932.74
GENEVA	3272001	12 59	42.8649993	-76.9850003	160.000	3945.60
GENEVA	3272001	12 59	42.8649993	-76.9850003	160.000	3945.60
9030	3272001	13 27	42.8728171	-77.2442355	220.412	3932.73
GENEVA	3272001	13 55	42.8649993	-76.9850003	160.000	3945.61
9030	3292001	7 23	42.8728171	-77.2442355	220.412	3932.81
GENEVA	3292001	7 46	42.8649993	-76.9850003	160.000	3945.67
GENEVA92	3292001	8 6	42.9455432	-76.9785732	149.200	3954.88
1001	3292001	9 7	42.9246428	-77.0129688	156.746	3952.68
1002	3292001	9 20	42.9187944	-77.0128404	166.999	3950.16
1003	3292001	9 31	42.9101563	-77.0125904	171.451	3948.54
1004	3292001	9 45	42.9047790	-77.0124206	172.558	3947.77
1005	3292001	9 56	42.8966667	-77.0121957	181.061	3945.29
1006	3292001	10 6	42.8890221	-77.0118817	181.811	3944.70
1007	3292001	10 13	42.8816086	-77.0117978	188.984	3942.85
1008	3292001	10 21	42.8754701	-77.0111003	182.555	3943.58
1009	3292001	10 30	42.8684945	-77.0111843	185.192	3942.31
1010	3292001	10 35	42.8609490	-77.0110773	196.409	3939.37
1011	3292001	10 41	42.8547915	-77.0108710	218.964	3933.93
1012	3292001	10 57	42.8482571	-77.0109463	216.350	3933.89
1013	3292001	11 2	42.8413189	-77.0103367	218.888	3932.43
1014	3292001	11 8	42.8336946	-77.0096710	214.718	3932.71
GENEVA	3292001	11 25	42.8649993	-76.9850003	160.000	3945.59
1013	3292001	11 35	42.8413189	-77.0103367	218.888	3932.44
1015	3292001	11 42	42.8262162	-77.0097132	214.275	3931.93
1016	3292001	11 53	42.8186635	-77.0090625	210.004	3931.93
1017	3292001	11 59	42.8116708	-77.0084171	215.631	3930.12
1018	3292001	12 4	42.8035064	-77.0079484	217.432	3928.65
1019	3292001	12 17	42.7974608	-77.0075552	211.675	3929.29
1020	3292001	12 25	42.7900196	-77.0069121	215.533	3927.66
1021	3292001	12 32	42.8107406	-77.0181016	225.402	3928.25
1022	3292001	12 49	42.8106932	-77.0262250	239.162	3925.55
1023	3292001	12 55	42.8106786	-77.0338992	252.267	3922.96
1024	3292001	13 0	42.8034627	-77.0330708	254.814	3921.60
1025	3292001	13 5	42.7960905	-77.0328034	254.748	3920.56
1026	3292001	13 12	42.7875567	-77.0325139	259.815	3918.82
1027	3292001	13 22	42.7900253	-77.0399931	263.975	3918.24
1028	3292001	13 27	42.7967773	-77.0462141	265.418	3918.67
1029	3292001	13 48	42.8019354	-77.0508384	265.299	3919.10
1030	3292001	13 55	42.8100046	-77.0528770	261.905	3920.69
1031	3292001	14 0	42.8105435	-77.0438234	252.675	3922.59
1023	3292001	14 16	42.8106786	-77.0338992	252.267	3922.94
1032	3292001	14 22	42.8182430	-77.0368514	252.122	3923.65
1033	3292001	14 47	42.8245171	-77.0396054	250.035	3924.63
1034	3292001	14 57	42.8308564	-77.0366517	231.391	3929.07
1035	3292001	15 2	42.8389654	-77.0380273	242.960	3927.84
1036	3292001	15 10	42.8469327	-77.0365242	235.588	3930.40
1037	3292001	15 14	42.8533691	-77.0388337	236.618	3930.72
1038	3292001	15 19	42.8598688	-77.0391492	227.433	3933.27
1039	3292001	15 28	42.8671993	-77.0400050	224.962	3934.28
1040	3292001	15 35	42.8729627	-77.0410648	227.297	3934.19
1041	3292001	15 40	42.8796939	-77.0424436	220.739	3935.83
1042	3292001	15 50	42.8865129	-77.0454796	228.117	3934.89
1043	3292001	15 58	42.8905145	-77.0494099	220.499	3936.84
1044	3292001	16 6	42.8965353	-77.0538402	220.426	3937.39
1045	3292001	16 10	42.9028106	-77.0573310	223.629	3937.65
1046	3292001	16 22	42.9100336	-77.0608617	219.592	3939.10
1047	3292001	16 29	42.9168862	-77.0631787	224.994	3938.65
1048	3292001	16 38	42.9165540	-77.0437514	194.797	3944.91

Speculative Survey

Northwestern New York State

GRAVITY METER G-603

STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1099	3312001	11 31	42.9149900	-77.2286912	220.058	3936.09
1100	3312001	11 41	42.9199653	-77.2371768	220.443	3935.98
1101	3312001	12 10	42.9191545	-77.3077102	244.472	3929.83
1102	3312001	12 19	42.9127200	-77.3015468	236.664	3930.73
1103	3312001	12 30	42.9066163	-77.2959355	238.880	3929.75
1104	3312001	12 45	42.9005885	-77.2910375	251.879	3927.22
1105	3312001	12 57	42.8942893	-77.2865182	245.631	3927.87
1106	3312001	13 10	42.8882193	-77.2823412	229.056	3930.44
1107	3312001	13 24	42.8828911	-77.2785522	214.957	3932.73
1108	3312001	13 34	42.8761978	-77.2736508	214.891	3932.56
1109	3312001	13 43	42.8750542	-77.2649996	211.249	3933.49
1110	3312001	13 53	42.8729898	-77.2561636	211.987	3933.75
1111	3312001	14 2	42.8720748	-77.2461528	220.198	3932.40
9030	3312001	14 20	42.8728171	-77.2442355	220.412	3932.65
9030	3312001	14 20	42.8728171	-77.2442355	220.412	3932.65
1112	3312001	14 34	42.8688530	-77.2317016	246.004	3927.79
1113	3312001	14 44	42.8750729	-77.2279137	235.151	3930.07
1114	3312001	14 53	42.8810640	-77.2279755	244.267	3928.70
1115	3312001	15 2	42.8883702	-77.2282415	236.563	3930.62
1116	3312001	15 9	42.8948712	-77.2282877	232.941	3931.90
1097	3312001	15 17	42.9008832	-77.2283759	226.634	3933.67
1117	3312001	15 24	42.9010310	-77.2386177	234.910	3931.48
1118	3312001	15 32	42.9014065	-77.2476902	211.125	3935.59
1119	3312001	15 39	42.8980259	-77.2560039	218.297	3933.78
1120	3312001	15 46	42.8942287	-77.2654227	214.002	3934.12
1121	3312001	15 53	42.8910135	-77.2736119	222.686	3932.30
1109	3312001	16 6	42.8750542	-77.2649996	211.249	3933.43
1122	3312001	16 17	42.8652277	-77.2510677	213.377	3933.43
1123	3312001	16 25	42.8593270	-77.2413976	264.323	3924.37
1124	3312001	16 32	42.8531767	-77.2380334	280.256	3921.56
1125	3312001	16 39	42.8470398	-77.2343973	279.207	3921.71
1126	3312001	16 46	42.8398223	-77.2307658	274.730	3922.09
1127	3312001	16 53	42.8341283	-77.2305713	275.318	3921.28
9030	3312001	17 29	42.8728171	-77.2442355	220.412	3932.59
9030	4012001	12 28	42.8728171	-77.2442355	220.412	3932.75
1031	4012001	13 18	42.8105435	-77.0438234	252.675	3922.71
1040	4012001	13 36	42.8729627	-77.0410648	227.297	3934.28
9030	4012001	13 59	42.8728171	-77.2442355	220.412	3932.72
9030	4022001	11 16	42.8728171	-77.2442355	220.412	3932.76
1112	4022001	12 13	42.8688530	-77.2317016	246.004	3927.86
1128	4022001	12 58	42.8813465	-77.2885717	227.763	3930.08
1129	4022001	13 9	42.8775631	-77.2960952	252.391	3924.68
1130	4022001	13 18	42.8738847	-77.3052993	277.871	3919.58
1131	4022001	13 37	42.8729883	-77.3175533	307.484	3913.72
1132	4022001	13 44	42.8719961	-77.3253960	298.494	3915.42
1133	4022001	13 51	42.8735544	-77.3326019	306.971	3913.62
1134	4022001	13 59	42.8803883	-77.3373278	298.497	3915.86
1135	4022001	14 8	42.8866954	-77.3418675	270.537	3921.63
1136	4022001	14 18	42.8931947	-77.3464672	261.979	3923.80
1137	4022001	14 23	42.8999516	-77.3512299	262.990	3924.09
1138	4022001	14 41	42.9068352	-77.3561225	247.679	3927.72
1139	4022001	14 48	42.9120597	-77.3622003	257.926	3925.87
1140	4022001	14 56	42.9190977	-77.3620121	242.398	3929.36
1141	4022001	15 9	42.9227952	-77.3767443	235.844	3929.52
1142	4022001	15 26	42.9175619	-77.3704239	243.351	3928.63
1143	4022001	15 36	42.9113118	-77.3706637	247.531	3927.52
1144	4022001	15 45	42.9042228	-77.3706945	258.292	3924.84
1145	4022001	15 52	42.8963459	-77.3663715	265.183	3923.18
1146	4022001	15 59	42.8902900	-77.3634026	268.268	3922.39
1147	4022001	16 6	42.8823139	-77.3589419	289.781	3917.53

Speculative Survey

Northwestern New York State

GRAVITY METER G-603

STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3045	4032001	15 48	42.8127522	-77.1848764	334.591	3906.98
3046	4032001	15 53	42.8109419	-77.1750021	315.210	3910.86
3047	4032001	16 2	42.8110275	-77.1646920	287.074	3916.34
3048	4032001	16 6	42.8111024	-77.1551888	275.932	3918.44
3049	4032001	16 10	42.8111996	-77.1434278	265.718	3919.98
3030	4032001	16 14	42.8128561	-77.1411511	265.935	3920.28
3050	4032001	16 21	42.8025084	-77.1371505	270.175	3918.79
3051	4032001	16 25	42.7946017	-77.1369938	277.952	3917.10
3052	4032001	16 29	42.7865039	-77.1373897	274.501	3916.49
3053	4032001	16 32	42.7793863	-77.1392119	272.279	3915.91
3054	4032001	16 36	42.7717860	-77.1415183	280.236	3913.81
3055	4032001	16 40	42.7648736	-77.1435922	275.995	3913.73
3056	4032001	16 45	42.7558874	-77.1445661	284.521	3911.05
3057	4032001	16 51	42.7481042	-77.1444188	293.004	3908.77
3058	4032001	17 1	42.7390909	-77.1740046	305.296	3905.20
3059	4032001	17 6	42.7481561	-77.1742036	311.202	3905.04
3060	4032001	17 11	42.7559071	-77.1743046	329.015	3902.43
3061	4032001	17 15	42.7582032	-77.1807249	324.915	3903.38
3062	4032001	17 20	42.7653391	-77.1847833	322.160	3904.79
3063	4032001	17 24	42.7721640	-77.1847245	306.118	3908.63
3064	4032001	17 28	42.7810549	-77.1846704	295.800	3911.62
3065	4032001	17 33	42.7886594	-77.1846542	306.193	3910.12
3066	4032001	17 36	42.7957306	-77.1847072	315.972	3909.04
3067	4032001	17 40	42.8039876	-77.1848310	324.929	3908.34
3045	4032001	17 47	42.8127522	-77.1848764	334.591	3906.93
9030	4032001	18 0	42.8728171	-77.2442355	220.412	3932.72
9030	4042001	9 35	42.8728171	-77.2442355	220.412	3932.72
3045	4042001	11 31	42.8127522	-77.1848764	334.591	3906.91
3068	4042001	11 35	42.8108235	-77.1958226	329.377	3907.53
3069	4042001	11 40	42.8107440	-77.2049777	330.235	3907.20
3070	4042001	11 45	42.8106254	-77.2149718	321.793	3908.67
3071	4042001	11 49	42.8105763	-77.2250721	303.224	3912.15
3072	4042001	11 53	42.8105102	-77.2351455	282.741	3916.36
3073	4042001	11 57	42.8104425	-77.2458385	271.211	3918.35
3074	4042001	12 2	42.8145902	-77.2531326	261.646	3920.53
3075	4042001	12 7	42.8198315	-77.2594354	215.330	3928.78
3076	4042001	12 25	42.8175652	-77.2297889	292.812	3915.28
3077	4042001	12 30	42.8261272	-77.2301320	297.109	3915.93
1127	4042001	12 34	42.8341283	-77.2305713	275.318	3921.38
9030	4042001	12 46	42.8728171	-77.2442355	220.412	3932.71
9030	4042001	12 46	42.8728171	-77.2442355	220.412	3932.71
3078	4042001	13 24	42.8043599	-77.2295413	295.779	3912.90
3079	4042001	13 28	42.7949586	-77.2294891	318.316	3907.75
3080	4042001	13 34	42.7870666	-77.2293723	337.501	3903.38
3081	4042001	13 47	42.7787629	-77.2292494	340.716	3902.02
3082	4042001	13 52	42.7712297	-77.2292501	322.207	3904.51
3083	4042001	14 2	42.7634480	-77.2280743	264.797	3914.38
3084	4042001	14 7	42.7564639	-77.2253709	287.956	3909.43
3085	4042001	14 11	42.7497444	-77.2244520	292.598	3907.84
3086	4042001	14 17	42.7464916	-77.2254222	300.266	3906.11
3087	4042001	14 23	42.7465272	-77.2357262	302.063	3905.36
3088	4042001	14 27	42.7491770	-77.2444024	263.090	3912.87
3089	4042001	14 32	42.7491458	-77.2543238	242.174	3916.52
3090	4042001	14 41	42.7567128	-77.2572446	291.056	3908.22
3091	4042001	14 49	42.7612409	-77.2486340	318.886	3903.52
3092	4042001	14 54	42.7612919	-77.2376452	265.135	3913.90
3093	4042001	15 1	42.7550522	-77.2446365	255.931	3914.69
3094	4042001	15 13	42.7464375	-77.2158448	320.772	3902.46
3095	4042001	15 18	42.7460701	-77.2043814	335.215	3899.75
3096	4042001	15 23	42.7540145	-77.2049664	323.001	3903.06

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3097	4042001	15 29	42.7607299	-77.2051704	307.830	3906.45
3098	4042001	15 35	42.7676812	-77.2082292	287.128	3911.16
3099	4042001	15 40	42.7745987	-77.2119569	295.149	3910.44
3100	4042001	15 50	42.7773864	-77.2205124	327.901	3904.37
3101	4042001	15 55	42.7819974	-77.2140988	331.749	3904.32
3102	4042001	15 59	42.7883518	-77.2141927	339.632	3903.54
3103	4042001	16 4	42.7966966	-77.2142420	341.517	3903.90
3104	4042001	16 8	42.8050418	-77.2143920	317.718	3908.79
3070	4042001	16 12	42.8106254	-77.2149718	321.793	3908.71
3105	4042001	16 16	42.8184473	-77.2147026	320.285	3909.94
3106	4042001	16 19	42.8264340	-77.2148275	316.794	3911.63
3107	4042001	16 23	42.8335098	-77.2149407	302.926	3915.12
3108	4042001	16 27	42.8418772	-77.2151017	291.835	3918.22
3109	4042001	16 31	42.8510418	-77.2152793	291.449	3918.77
3110	4042001	16 35	42.8596138	-77.2152773	281.279	3920.80
3111	4042001	16 39	42.8645564	-77.2169390	271.295	3922.92
1112	4042001	16 43	42.8688530	-77.2317016	246.004	3927.91
3112	4042001	17 3	42.7390532	-77.2798278	316.890	3900.44
3113	4042001	17 6	42.7468952	-77.2793879	293.596	3905.61
3114	4042001	17 10	42.7547287	-77.2768043	293.505	3906.61
3115	4042001	17 14	42.7615770	-77.2723374	295.395	3907.78
3116	4042001	17 17	42.7671428	-77.2660486	304.484	3906.80
3117	4042001	17 21	42.7732925	-77.2613906	317.213	3905.24
3118	4042001	17 25	42.7808393	-77.2577730	299.278	3909.68
3119	4042001	17 29	42.7877355	-77.2587135	281.199	3913.78
3120	4042001	17 33	42.7949227	-77.2597387	267.328	3917.11
3121	4042001	17 37	42.8025006	-77.2610118	228.626	3924.75
3122	4042001	17 41	42.8100285	-77.2596420	232.400	3924.70
3075	4042001	17 45	42.8198315	-77.2594354	215.330	3928.86
3123	4042001	17 49	42.8284601	-77.2578880	215.985	3930.62
3124	4042001	17 54	42.8374113	-77.2559289	219.227	3931.92
3125	4042001	17 59	42.8454820	-77.2558617	220.341	3932.11
3126	4042001	18 3	42.8527807	-77.2545802	218.231	3932.64
3127	4042001	18 6	42.8596713	-77.2517735	213.879	3933.62
9030	4042001	18 24	42.8728171	-77.2442355	220.412	3932.74
9030	4052001	7 39	42.8728171	-77.2442355	220.412	3932.79
3163	4052001	8 56	42.7615357	-77.2994694	310.866	3902.68
3164	4052001	9 6	42.7576189	-77.2949987	353.819	3894.99
3165	4052001	9 20	42.7504801	-77.2961344	384.314	3888.38
3166	4052001	9 37	42.7427329	-77.2964069	338.250	3896.30
3167	4052001	9 57	42.7350692	-77.3004770	292.763	3904.14
3168	4052001	10 8	42.7254580	-77.3003685	268.275	3907.15
3169	4052001	10 16	42.7216177	-77.2941178	328.310	3896.54
3170	4052001	10 29	42.7125051	-77.2938895	377.829	3886.43
3171	4052001	10 45	42.7053817	-77.2937435	374.676	3886.20
3172	4052001	10 55	42.7001881	-77.3036322	471.388	3866.63
3173	4052001	11 6	42.7001086	-77.3145074	535.586	3853.98
3174	4052001	11 17	42.69999431	-77.3217575	566.060	3847.40
3175	4052001	11 28	42.6929870	-77.3218395	562.207	3847.89
3176	4052001	11 40	42.6836529	-77.3218366	547.771	3849.87
3177	4052001	12 12	42.6822632	-77.3300928	520.388	3855.11
3178	4052001	12 45	42.6745651	-77.3372376	485.971	3860.03
3179	4052001	13 13	42.6577822	-77.3506828	280.761	3898.13
3180	4052001	13 33	42.6661547	-77.3417965	444.799	3866.87
3167	4052001	14 7	42.7350692	-77.3004770	292.763	3904.13
3181	4052001	14 24	42.7297330	-77.2799903	326.840	3898.15
3182	4052001	14 32	42.7212316	-77.2778369	295.853	3903.30
3183	4052001	14 50	42.7130857	-77.2763803	260.471	3908.65
3184	4052001	15 4	42.7048342	-77.2809958	237.692	3911.37
3185	4052001	15 24	42.7047670	-77.2721276	233.473	3912.52

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3186	4052001	15 45	42.7095581	-77.2638887	298.947	3901.52
3187	4052001	15 51	42.7130594	-77.2533090	335.978	3895.50
3188	4052001	16 21	42.7388166	-77.2446635	316.284	3901.66
3189	4052001	16 34	42.7387910	-77.2556379	242.240	3915.31
3190	4052001	16 50	42.7389699	-77.2645322	244.024	3914.77
3191	4052001	17 5	42.7441503	-77.2618506	241.904	3915.80
9030	4052001	17 52	42.8728171	-77.2442355	220.412	3932.66
9030	4062001	7 48	42.8728171	-77.2442355	220.412	3932.67
3164	4062001	9 11	42.7576189	-77.2949987	353.819	3894.92
3168	4062001	9 24	42.7254580	-77.3003685	268.275	3907.17
3172	4062001	9 39	42.7001881	-77.3036322	471.388	3866.67
3173	4062001	9 48	42.7001086	-77.3145074	535.586	3853.98
3184	4062001	10 11	42.7048342	-77.2809958	237.692	3911.41
3192	4062001	10 34	42.7014270	-77.2646941	342.695	3892.80
3193	4062001	10 45	42.6943336	-77.2672167	372.373	3886.60
3205	4062001	13 22	42.6234362	-77.3253799	528.614	3850.43
3206	4062001	13 37	42.6296543	-77.3252312	555.813	3845.78
3204	4062001	14 0	42.6346168	-77.3251789	532.880	3850.37
3203	4062001	14 11	42.6348114	-77.3138922	560.136	3845.34
3202	4062001	14 18	42.6381169	-77.3074493	550.697	3847.15
3201	4062001	14 29	42.6434097	-77.3016010	514.185	3854.23
3200	4062001	14 37	42.6490577	-77.2956428	489.194	3859.37
3199	4062001	14 49	42.6563710	-77.2862766	408.775	3875.98
3198	4062001	14 58	42.6623481	-77.2826078	462.262	3866.04
3197	4062001	15 6	42.6680606	-77.2786464	466.995	3865.85
3196	4062001	15 16	42.6738341	-77.2747235	465.126	3866.71
3195	4062001	15 26	42.6813511	-77.2747434	416.520	3876.64
3194	4062001	15 42	42.6889065	-77.2715458	385.497	3883.07
3193	4062001	15 50	42.6943336	-77.2672167	372.373	3886.57
3207	4062001	16 19	42.7110383	-77.2417506	338.181	3894.92
3208	4062001	16 32	42.7112995	-77.2300344	329.398	3896.30
9030	4062001	17 53	42.8728171	-77.2442355	220.412	3932.66
9030	4072001	7 27	42.8728171	-77.2442355	220.412	3932.69
3163	4072001	8 27	42.7615357	-77.2994694	310.866	3902.62
3209	4072001	9 3	42.7107590	-77.2187117	312.983	3899.88
3210	4072001	9 13	42.7088208	-77.2092865	292.318	3903.68
3211	4072001	9 24	42.7041388	-77.2067172	274.983	3906.59
3212	4072001	9 34	42.6984181	-77.2009706	294.294	3902.88
3213	4072001	9 45	42.6925179	-77.1906311	275.276	3905.58
3214	4072001	10 10	42.7200521	-77.2445586	380.720	3887.84
3215	4072001	10 17	42.7286223	-77.2445184	351.821	3893.94
3216	4072001	10 33	42.7423970	-77.2446274	318.446	3901.29
3217	4072001	10 50	42.7386010	-77.2039756	368.034	3892.84
3218	4072001	10 57	42.7301383	-77.2037505	377.065	3890.03
3219	4072001	11 9	42.7233863	-77.2036592	380.073	3888.71
3220	4072001	11 16	42.7158095	-77.2035271	355.826	3892.39
3221	4072001	11 32	42.7087062	-77.2048609	308.338	3900.17
3222	4072001	11 55	42.6922318	-77.2033274	317.347	3898.00
3223	4072001	12 3	42.6848440	-77.1995745	324.279	3896.03
3211	4072001	12 14	42.7041388	-77.2067172	274.983	3906.50
3212	4072001	12 20	42.6984181	-77.2009706	294.294	3902.80
3224	4072001	13 21	42.6768225	-77.1979776	327.269	3894.92
3225	4072001	13 35	42.6671808	-77.1959476	318.125	3895.93
3226	4072001	14 23	42.6621028	-77.2032652	373.929	3884.70
3227	4072001	14 34	42.6696325	-77.2031432	339.546	3891.95
3228	4072001	15 5	42.6786293	-77.2032427	328.791	3894.81
3229	4072001	15 20	42.6853490	-77.2032411	325.010	3896.00
3230	4072001	15 37	42.6618535	-77.2152708	427.576	3874.66
3231	4072001	15 46	42.6617719	-77.2251498	476.886	3865.01
3232	4072001	15 54	42.6537243	-77.2253896	481.542	3863.60

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3281	4092001	12 10	42.8190977	-77.5332863	244.470	3918.13
3282	4092001	12 29	42.8113465	-77.5331823	255.422	3916.70
3283	4092001	12 48	42.8037894	-77.5330986	259.498	3915.97
3284	4092001	13 2	42.7959355	-77.5330065	284.211	3910.64
3285	4092001	13 19	42.7889606	-77.5329118	287.952	3908.82
3286	4092001	13 49	42.8071028	-77.3903483	285.362	3910.03
3287	4092001	14 0	42.8138080	-77.3930711	279.741	3911.91
3288	4092001	14 7	42.8210369	-77.3968978	282.798	3912.00
3289	4092001	14 29	42.8276609	-77.4003393	277.720	3913.55
3290	4092001	14 49	42.8311876	-77.4113625	269.739	3915.18
3291	4092001	15 8	42.8310621	-77.4232456	292.866	3910.85
3292	4092001	15 14	42.8301319	-77.4331999	336.124	3902.54
3293	4092001	15 24	42.8244288	-77.4421839	366.904	3896.21
3294	4092001	15 32	42.8199808	-77.4503897	383.453	3892.69
3295	4092001	15 43	42.8146655	-77.4574892	406.820	3888.02
3296	4092001	15 48	42.8103690	-77.4662672	399.257	3889.38
3297	4092001	15 59	42.8062635	-77.4768820	404.412	3888.07
3298	4092001	16 6	42.8015628	-77.4844939	361.221	3895.75
3299	4092001	16 16	42.7962105	-77.4914328	340.863	3898.98
3300	4092001	16 27	42.7896851	-77.4957937	292.171	3907.28
3301	4092001	16 39	42.7895654	-77.5051382	250.658	3912.18
3302	4092001	16 51	42.7898638	-77.5157679	246.049	3914.53
3303	4092001	17 4	42.7898313	-77.5248001	273.405	3911.65
9030	4092001	17 56	42.8728171	-77.2442355	220.412	3932.72
9030	4102001	7 12	42.8728171	-77.2442355	220.412	3932.80
3304	4102001	8 7	42.9175262	-77.5721967	254.770	3927.76
3305	4102001	8 16	42.9098969	-77.5709612	268.478	3924.65
3306	4102001	8 24	42.9022661	-77.5711581	269.271	3924.03
3307	4102001	8 31	42.8946987	-77.5713709	271.141	3922.94
3308	4102001	8 41	42.8873174	-77.5712439	272.291	3921.30
3309	4102001	8 47	42.8798752	-77.5711046	273.117	3920.72
3310	4102001	8 56	42.8720925	-77.5709850	279.401	3919.19
3311	4102001	9 5	42.8647468	-77.5708273	266.205	3921.76
3312	4102001	9 14	42.8557436	-77.5706051	262.171	3921.87
3313	4102001	9 30	42.8503319	-77.5734955	264.367	3921.20
3314	4102001	9 37	42.8425781	-77.5734226	283.804	3916.44
3315	4102001	9 45	42.8350182	-77.5733681	278.112	3917.69
3316	4102001	9 54	42.8269648	-77.5733045	281.706	3916.50
3317	4102001	10 4	42.8264858	-77.5828557	302.177	3912.32
3318	4102001	10 14	42.8280623	-77.5614480	248.371	3922.02
3319	4102001	10 22	42.8287834	-77.5512491	246.068	3920.88
3320	4102001	10 31	42.8264149	-77.5420186	245.006	3919.35
3321	4102001	10 47	42.8614945	-77.5482947	257.338	3920.14
3281	4102001	10 58	42.8190977	-77.5332863	244.470	3918.27
3322	4102001	11 12	42.7811637	-77.5328601	318.281	3902.37
3323	4102001	11 28	42.7721152	-77.5326898	355.778	3894.07
3324	4102001	11 41	42.7643839	-77.5330291	380.307	3888.57
3325	4102001	11 51	42.7552627	-77.5354382	367.069	3890.01
3326	4102001	12 3	42.7499594	-77.5387052	393.361	3884.71
3327	4102001	12 11	42.7433576	-77.5423599	448.982	3873.76
3328	4102001	12 20	42.7370502	-77.5419772	475.767	3868.10
3329	4102001	12 28	42.7371294	-77.5516355	466.577	3870.20
3330	4102001	12 52	42.7443761	-77.5537625	475.638	3869.26
3331	4102001	13 2	42.7518373	-77.5553340	481.542	3868.99
3332	4102001	13 12	42.7550931	-77.5647092	503.953	3865.13
3333	4102001	13 22	42.7617991	-77.5696168	493.736	3868.11
3334	4102001	13 32	42.7691151	-77.5701169	472.318	3873.18
3335	4102001	13 43	42.7765081	-77.5700020	453.560	3877.48
3336	4102001	13 52	42.7841648	-77.5699644	416.454	3885.63
3337	4102001	14 3	42.7918066	-77.5698999	377.416	3893.85

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3338	4102001	14 51	42.7984383	-77.5731959	361.564	3897.81
3339	4102001	14 43	42.8055534	-77.5720692	339.331	3902.89
3340	4102001	14 59	42.8125769	-77.5699113	330.799	3904.85
3341	4102001	15 8	42.8202788	-77.5694879	284.594	3914.94
3342	4102001	15 26	42.8264717	-77.5234682	244.583	3918.92
3343	4102001	15 34	42.8264919	-77.5152940	257.540	3918.08
3344	4102001	15 43	42.8265987	-77.5032668	314.593	3907.35
3345	4102001	15 52	42.8205185	-77.4966807	311.635	3907.20
3346	4102001	16 6	42.8129183	-77.4965497	310.369	3906.98
9030	4102001	16 50	42.8728171	-77.2442355	220.412	3932.68
9030	4112001	6 38	42.8728171	-77.2442355	220.412	3932.80
3347	4112001	7 53	42.9135210	-77.5392800	270.655	3922.46
3348	4112001	8 3	42.9227168	-77.5394908	248.743	3927.31
3349	4112001	8 11	42.9191327	-77.5186203	271.981	3921.50
3350	4112001	8 30	42.9120152	-77.5197307	288.136	3917.76
3351	4112001	8 37	42.9043815	-77.5206691	292.014	3917.14
3352	4112001	8 45	42.8969311	-77.5207949	308.876	3913.51
3353	4112001	8 53	42.8892223	-77.5201083	286.484	3918.07
3354	4112001	9 5	42.8832577	-77.5152923	280.651	3918.71
3355	4112001	9 28	42.8797904	-77.5073670	284.886	3917.95
3356	4112001	9 35	42.8721884	-77.5078592	283.263	3917.48
3357	4112001	9 42	42.8636376	-77.5075793	276.781	3917.57
3358	4112001	9 50	42.8557601	-77.5073895	275.699	3917.19
3359	4112001	10 0	42.8521150	-77.5009109	288.477	3914.53
3360	4112001	10 8	42.8453339	-77.4978828	278.391	3915.72
3361	4112001	10 15	42.8378159	-77.4978220	304.755	3909.37
3362	4112001	10 28	42.8302242	-77.4976704	329.717	3904.73
3363	4112001	10 35	42.8313256	-77.4790756	341.417	3902.36
3364	4112001	10 44	42.8273689	-77.4879903	339.049	3902.73
3365	4112001	10 59	42.8085917	-77.5054587	261.957	3915.22
3366	4112001	11 11	42.8013044	-77.5026118	260.370	3914.29
3367	4112001	11 56	42.7935237	-77.5006396	259.239	3913.29
3368	4112001	12 8	42.7830805	-77.4993902	262.181	3911.15
3321	4112001	12 46	42.8614945	-77.5482947	257.338	3920.09
3369	4112001	12 56	42.8663516	-77.5308696	267.819	3919.53
3370	4112001	13 6	42.8688619	-77.5223361	276.587	3918.36
3371	4112001	13 15	42.8687714	-77.5119273	285.032	3916.56
3372	4112001	13 23	42.8687005	-77.5007968	277.015	3918.05
3373	4112001	13 30	42.8686368	-77.4906772	276.761	3917.98
3374	4112001	13 39	42.8689003	-77.4816116	275.956	3917.94
3281	4112001	13 58	42.8190977	-77.5332863	244.470	3918.19
3375	4112001	14 22	42.7755858	-77.4991369	261.027	3910.61
3376	4112001	14 51	42.7682150	-77.5011182	257.200	3910.35
3377	4112001	15 14	42.7590861	-77.5030316	256.129	3909.42
3378	4112001	15 32	42.7523570	-77.5037936	260.579	3907.88
3379	4112001	15 47	42.7446904	-77.5047628	259.191	3906.88
3380	4112001	16 34	42.7372534	-77.5039272	264.259	3905.03
3381	4112001	16 47	42.7299711	-77.5025749	258.438	3905.98
3382	4112001	17 3	42.7806707	-77.4920031	305.496	3903.56
3383	4112001	17 12	42.7738061	-77.4827846	366.338	3891.57
3384	4112001	17 18	42.7696942	-77.4771433	401.383	3884.06
9030	4112001	18 20	42.8728171	-77.2442355	220.412	3932.67
9030	4122001	7 12	42.8728171	-77.2442355	220.412	3932.81
3385	4122001	9 29	42.5678234	-77.5903968	415.959	3864.80
3386	4122001	9 35	42.5749875	-77.5897457	428.636	3864.81
3387	4122001	9 44	42.5823591	-77.5891103	451.228	3861.36
3388	4122001	9 56	42.5908242	-77.5889852	462.188	3859.88
3389	4122001	10 8	42.5973911	-77.5858960	449.057	3863.19
3390	4122001	10 16	42.6012031	-77.5800611	459.223	3861.71
3391	4122001	10 24	42.6094409	-77.5798748	453.426	3863.04

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GRAVITY METER G-603

STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3392	4122001	10 36	42.6114086	-77.5739192	475.281	3859.17
3393	4122001	10 51	42.6166843	-77.5775736	478.763	3858.80
3394	4122001	11 1	42.6237727	-77.5797209	473.673	3860.06
3395	4122001	11 17	42.6326674	-77.5795431	472.980	3860.81
3396	4122001	11 34	42.6407982	-77.5793513	451.527	3865.72
3397	4122001	11 51	42.6470754	-77.5791308	430.991	3870.28
3398	4122001	11 59	42.6545479	-77.5789860	415.857	3873.93
3399	4122001	12 15	42.6620241	-77.5787881	409.368	3875.62
3400	4122001	12 25	42.6685109	-77.5785476	393.802	3879.06
3401	4122001	12 34	42.6730194	-77.5707292	422.243	3873.95
3402	4122001	12 50	42.6789660	-77.5640129	449.241	3869.13
3403	4122001	13 4	42.6848455	-77.5576810	455.979	3868.24
3404	4122001	13 14	42.6952189	-77.5563727	423.912	3875.15
3405	4122001	13 29	42.7027368	-77.5561978	421.614	3876.25
3406	4122001	13 37	42.7104223	-77.5560421	428.553	3875.62
3407	4122001	13 45	42.7174497	-77.5532702	439.739	3873.83
3408	4122001	13 50	42.7249959	-77.5528678	444.710	3873.44
3328	4122001	14 10	42.7370502	-77.5419772	475.767	3868.07
3409	4122001	14 18	42.7328018	-77.5508234	461.223	3870.88
3375	4122001	14 38	42.7755858	-77.4991369	261.027	3910.62
3410	4122001	15 8	42.7277689	-77.5389749	533.776	3855.69
3411	4122001	15 16	42.7202012	-77.5353430	553.345	3851.29
3411	4122001	15 25	42.7202012	-77.5353430	553.345	3851.28
3412	4122001	15 33	42.7144597	-77.5320276	570.594	3847.30
3413	4122001	15 42	42.7072923	-77.5281921	591.495	3842.49
3414	4122001	15 52	42.6997225	-77.5281628	594.817	3841.44
3415	4122001	16 0	42.6927826	-77.5261498	631.410	3833.72
3416	4122001	16 9	42.6853800	-77.5264773	649.374	3829.96
3417	4122001	16 21	42.6789100	-77.5287016	614.970	3836.85
3418	4122001	16 30	42.6707118	-77.5334314	608.042	3837.90
3419	4122001	16 44	42.6631508	-77.5347886	573.490	3844.34
3420	4122001	16 52	42.6561821	-77.5359868	574.088	3843.80
9030	4122001	18 26	42.8728171	-77.2442355	220.412	3932.68
9030	4132001	6 43	42.8728171	-77.2442355	220.412	3932.81
Y155	4132001	8 0	42.8018497	-77.5869212	340.758	3903.28
3410	4132001	9 25	42.7277689	-77.5389749	533.776	3855.84
3411	4132001	9 31	42.7202012	-77.5353430	553.345	3851.44
3412	4132001	9 38	42.7144597	-77.5320276	570.594	3847.44
3413	4132001	9 46	42.7072923	-77.5281921	591.495	3842.65
3421	4132001	10 2	42.6494999	-77.5352601	596.024	3839.10
3422	4132001	10 16	42.6401131	-77.5292248	526.381	3851.79
3423	4132001	10 24	42.6328159	-77.5272188	523.766	3851.72
3424	4132001	10 40	42.6258347	-77.5231695	513.650	3853.35
3425	4132001	10 50	42.6182446	-77.5193269	513.216	3853.09
3426	4132001	10 57	42.6118162	-77.5217304	482.757	3858.15
3427	4132001	11 10	42.6039034	-77.5219692	506.907	3853.40
3428	4132001	11 26	42.5972756	-77.5263001	491.664	3855.36
3429	4132001	12 13	42.5896623	-77.5319223	452.593	3862.44
3430	4132001	12 27	42.5819102	-77.5320631	438.743	3864.64
3431	4132001	12 34	42.5746300	-77.5339115	431.047	3864.89
3432	4132001	12 47	42.5673558	-77.5374098	423.295	3864.98
3433	4132001	12 55	42.5639625	-77.5280828	448.315	3860.68
3434	4132001	13 7	42.5625586	-77.5185524	435.333	3862.89
3435	4132001	13 14	42.5633037	-77.5081152	414.432	3866.36
3436	4132001	13 22	42.5657321	-77.5014524	417.073	3866.43
3437	4132001	13 31	42.5733784	-77.5012815	442.797	3862.57
3438	4132001	13 46	42.5805095	-77.5033050	458.026	3860.22
3439	4132001	13 53	42.5874925	-77.5002017	468.052	3859.32
3440	4132001	14 4	42.5954492	-77.5030345	498.570	3854.34
3441	4132001	14 18	42.6024197	-77.5082861	530.925	3848.75

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3442	4132001	14 28	42.6101130	-77.5080425	551.317	3845.42
3443	4132001	14 42	42.6168582	-77.5123225	517.067	3851.98
3444	4132001	14 51	42.6225280	-77.5069645	527.827	3850.71
3445	4132001	15 6	42.6303776	-77.5027930	555.020	3845.90
3446	4132001	15 42	42.6371531	-77.5025798	600.278	3837.53
3447	4132001	15 51	42.6454230	-77.5053314	621.178	3833.40
3448	4132001	16 10	42.6505966	-77.5116497	620.934	3833.86
3449	4132001	17 12	42.6559854	-77.5275407	557.910	3846.78
9030	4132001	18 7	42.8728171	-77.2442355	220.412	3932.70
9030	4142001	7 12	42.8728171	-77.2442355	220.412	3932.84
3205	4142001	8 46	42.6234362	-77.3253799	528.614	3850.71
3450	4142001	8 55	42.6181902	-77.3339125	537.460	3848.98
3451	4142001	9 3	42.6126487	-77.3381499	547.566	3846.63
3452	4142001	9 18	42.6052707	-77.3406409	480.550	3859.24
3453	4142001	9 27	42.6028682	-77.3308745	441.512	3865.75
3454	4142001	9 36	42.6020778	-77.3186309	378.756	3877.23
3455	4142001	9 42	42.6022483	-77.3086161	358.919	3880.27
3456	4142001	9 51	42.6015888	-77.2986356	382.012	3876.10
3457	4142001	10 0	42.6003064	-77.2880852	477.354	3858.42
3458	4142001	10 6	42.6002497	-77.2773536	527.478	3849.24
3459	4142001	10 14	42.6000581	-77.2658727	534.042	3848.52
3460	4142001	10 27	42.5972756	-77.2557822	502.362	3854.69
3461	4142001	10 35	42.5980851	-77.2470627	489.029	3857.48
3462	4142001	10 59	42.5905378	-77.4049823	338.375	3885.06
3463	4142001	11 13	42.5908321	-77.3950386	369.988	3878.82
3464	4142001	11 21	42.5937418	-77.3846202	433.715	3866.44
3465	4142001	11 31	42.5954098	-77.3732237	434.577	3866.57
3466	4142001	11 43	42.5955353	-77.3653137	444.531	3864.89
3467	4142001	11 58	42.5928970	-77.3549382	463.193	3861.54
3468	4142001	12 15	42.5942546	-77.3473840	470.995	3860.07
3469	4142001	12 28	42.5977214	-77.3392023	438.333	3866.38
3470	4142001	12 56	42.5991955	-77.3289691	406.225	3872.42
3471	4142001	13 7	42.5935131	-77.3330339	457.643	3862.20
3472	4142001	13 38	42.5871520	-77.3378349	527.507	3848.78
3473	4142001	13 44	42.5786499	-77.3359113	564.570	3840.97
3474	4142001	14 4	42.5719730	-77.3355896	570.025	3839.26
3475	4142001	14 14	42.5662905	-77.3359441	621.394	3829.24
3476	4142001	14 20	42.5616314	-77.3279983	642.515	3824.70
3477	4142001	14 31	42.5569113	-77.3220690	638.714	3825.01
3478	4142001	14 43	42.5506134	-77.3139859	633.906	3825.38
3479	4142001	14 51	42.5441320	-77.3085265	596.627	3832.17
3480	4142001	14 59	42.5383218	-77.3006146	555.022	3839.83
3481	4142001	15 10	42.5326757	-77.2948565	515.337	3846.99
3482	4142001	15 19	42.5259773	-77.2917624	465.841	3856.21
3483	4142001	15 27	42.5190274	-77.2894234	439.021	3860.78
3484	4142001	15 34	42.5117561	-77.2878762	427.939	3862.35
3485	4142001	15 45	42.5041758	-77.2862043	413.583	3864.65
3486	4142001	15 53	42.4981990	-77.2869626	404.746	3865.80
3487	4142001	16 9	42.4999522	-77.3304750	585.032	3831.75
3488	4142001	16 26	42.5075441	-77.3226794	594.547	3830.43
3489	4142001	16 33	42.5162054	-77.3221317	597.563	3830.30
3490	4142001	16 42	42.5237674	-77.3220548	582.945	3833.58
3491	4142001	16 50	42.5311640	-77.3219920	603.674	3830.02
3492	4142001	17 2	42.5388738	-77.3220056	633.204	3824.64
3493	4142001	17 12	42.5469618	-77.3220386	657.061	3820.51
9030	4142001	18 16	42.8728171	-77.2442355	220.412	3932.72
9030	4152001	7 20	42.8728171	-77.2442355	220.412	3932.82
3494	4152001	9 2	42.5155487	-77.3671009	590.906	3830.96
3495	4152001	9 7	42.5205089	-77.3595315	604.639	3828.68
3496	4152001	9 19	42.5253968	-77.3520306	625.229	3825.08

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3497	4152001	9 27	42.5296174	-77.3432703	599.953	3830.46
3498	4152001	9 34	42.5295747	-77.3342540	641.277	3822.49
3499	4152001	9 44	42.5295499	-77.3160142	597.372	3831.27
3500	4152001	9 53	42.5267593	-77.3052192	531.198	3843.52
3501	4152001	10 14	42.5238693	-77.2955830	464.601	3856.07
3502	4152001	10 29	42.5203418	-77.2809449	420.540	3864.21
3503	4152001	11 6	42.5248634	-77.2750241	427.493	3863.21
3504	4152001	11 22	42.5331861	-77.2640043	506.171	3849.30
3505	4152001	11 35	42.5360011	-77.2570280	519.044	3847.45
3506	4152001	11 47	42.5366980	-77.2465366	509.573	3849.53
3507	4152001	12 9	42.5247876	-77.2880721	441.538	3860.72
3508	4152001	12 33	42.5320363	-77.2863713	442.469	3860.95
3509	4152001	12 50	42.5397088	-77.2845151	452.598	3859.66
3510	4152001	13 1	42.5467494	-77.2858434	494.189	3852.15
3511	4152001	13 14	42.5540820	-77.2831972	528.217	3846.01
3512	4152001	13 22	42.5610733	-77.2817493	558.882	3840.52
3513	4152001	13 43	42.5683640	-77.2780826	572.735	3838.48
3514	4152001	13 53	42.5762456	-77.2735119	573.581	3839.10
3515	4152001	14 0	42.5836609	-77.2734757	581.684	3838.10
3516	4152001	14 14	42.5912021	-77.2735148	570.902	3840.60
3517	4152001	14 33	42.5991275	-77.2734319	530.784	3848.54
3498	4152001	15 2	42.5295747	-77.3342540	641.277	3822.44
3518	4152001	15 20	42.5230542	-77.3644747	529.119	3842.56
3519	4152001	15 35	42.5241451	-77.3711182	466.017	3853.65
3520	4152001	15 51	42.5221523	-77.3805473	448.640	3856.85
3521	4152001	16 10	42.5169712	-77.3887641	439.970	3858.60
3522	4152001	16 56	42.5097869	-77.3953892	437.188	3858.38
3523	4152001	17 4	42.5029714	-77.4014469	421.512	3860.88
3524	4152001	17 31	42.5293051	-77.3862221	442.589	3858.22
9030	4152001	18 23	42.8728171	-77.2442355	220.412	3932.74
9030	4162001	7 26	42.8728171	-77.2442355	220.412	3932.82
3525	4162001	9 9	42.5360924	-77.3884135	443.794	3858.11
3526	4162001	9 21	42.5446462	-77.3874533	450.792	3857.31
3527	4162001	9 30	42.5523783	-77.3898321	448.292	3859.84
3528	4162001	9 39	42.5586175	-77.3940481	452.575	3859.96
3529	4162001	9 47	42.5641011	-77.3992408	457.983	3859.37
3530	4162001	9 55	42.5707990	-77.4024962	460.584	3859.18
3531	4162001	10 10	42.5781383	-77.4024437	408.872	3870.08
3532	4162001	10 17	42.5841423	-77.4050676	374.937	3877.18
3462	4162001	10 22	42.5905378	-77.4049823	338.375	3884.98
3533	4162001	10 32	42.5990648	-77.4071496	308.951	3890.81
3534	4162001	10 51	42.5623109	-77.4050467	461.731	3857.89
3535	4162001	11 4	42.5629544	-77.4145432	489.167	3853.48
3536	4162001	11 21	42.5585887	-77.4170781	580.386	3835.58
3537	4162001	11 33	42.5495757	-77.4179361	594.153	3832.23
3538	4162001	11 46	42.5468251	-77.4287943	506.430	3848.55
3539	4162001	11 56	42.5401176	-77.4340568	479.736	3852.86
3540	4162001	12 30	42.5349494	-77.4375932	465.960	3854.94
3541	4162001	12 45	42.5302213	-77.4279456	510.718	3846.27
3542	4162001	13 1	42.5239059	-77.4279258	577.187	3833.74
3543	4162001	13 8	42.5173137	-77.4313350	616.231	3825.61
3544	4162001	13 17	42.5094928	-77.4317649	587.182	3830.93
3545	4162001	13 43	42.5050963	-77.4368557	537.658	3840.20
3546	4162001	13 59	42.4993113	-77.4402576	506.200	3845.57
3507	4162001	14 47	42.5247876	-77.2880721	441.538	3860.71
3547	4162001	15 3	42.5006464	-77.2416302	454.208	3857.55
3548	4162001	15 11	42.5082621	-77.2418177	485.379	3852.26
3549	4162001	15 20	42.5156967	-77.2419888	454.520	3858.68
3550	4162001	15 28	42.5228571	-77.2421074	456.952	3858.78
3551	4162001	15 34	42.5302878	-77.2422456	483.423	3854.25

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3552	4162001	15 42	42.5378524	-77.2423782	516.925	3848.30
3553	4162001	15 49	42.5456076	-77.2425307	523.651	3847.41
3554	4162001	15 57	42.5516198	-77.2368724	524.699	3847.66
3555	4162001	16 4	42.5587341	-77.2337885	520.080	3848.81
3556	4162001	16 14	42.5691382	-77.2314931	507.854	3851.80
3557	4162001	16 23	42.5764448	-77.2317452	477.139	3858.15
3558	4162001	16 30	42.5778763	-77.2415214	466.397	3860.15
3559	4162001	16 39	42.5841300	-77.2469385	435.340	3866.26
3560	4162001	16 46	42.5910552	-77.2482884	478.509	3858.91
3561	4162001	16 54	42.5997983	-77.2498392	504.729	3854.56
3562	4162001	17 29	42.6088902	-77.2490245	575.165	3841.68
9030	4162001	18 48	42.8728171	-77.2442355	220.412	3932.72
9030	4172001	7 28	42.8728171	-77.2442355	220.412	3932.80
3563	4172001	9 5	42.6169252	-77.2485029	596.024	3838.30
3564	4172001	9 13	42.6243407	-77.2486413	601.903	3837.60
3565	4172001	9 21	42.6323020	-77.2488100	598.612	3838.87
3566	4172001	9 37	42.5982006	-77.2375137	474.710	3860.23
3567	4172001	9 45	42.5982630	-77.2275342	462.889	3862.78
3568	4172001	9 54	42.5983062	-77.2171828	446.576	3866.21
3569	4172001	9 59	42.5983423	-77.2072151	472.115	3861.44
3570	4172001	10 7	42.5983330	-77.1984548	448.115	3866.12
3571	4172001	10 15	42.5983460	-77.1887097	407.380	3874.01
3572	4172001	10 25	42.6111466	-77.1918450	412.036	3874.31
3573	4172001	10 35	42.6051696	-77.1891755	407.196	3874.68
3574	4172001	10 50	42.6118323	-77.2143788	464.593	3864.06
3575	4172001	10 58	42.6041975	-77.2138289	467.104	3862.83
3576	4172001	11 14	42.5905461	-77.2137335	462.868	3862.31
3577	4172001	11 21	42.5830484	-77.2137079	441.233	3865.61
3578	4172001	11 29	42.5764843	-77.2138627	470.782	3859.72
3579	4172001	11 39	42.5763457	-77.2218660	490.469	3855.76
3580	4172001	11 45	42.5691842	-77.2217090	497.671	3853.97
3581	4172001	11 57	42.5620766	-77.2216115	502.760	3852.59
3582	4172001	12 5	42.5546194	-77.2213214	486.467	3855.40
3583	4172001	12 14	42.5475585	-77.2182011	514.920	3849.73
3584	4172001	12 22	42.5398496	-77.2171189	504.272	3851.41
3585	4172001	12 37	42.5339454	-77.2169755	508.123	3850.27
3586	4172001	12 44	42.5348848	-77.2249198	525.159	3846.91
3587	4172001	12 52	42.5360414	-77.2331996	503.942	3851.03
3588	4172001	13 4	42.5264281	-77.2167561	498.907	3851.52
3589	4172001	13 11	42.5188883	-77.2170885	500.049	3850.68
3590	4172001	13 18	42.5117136	-77.2164836	493.422	3851.33
3591	4172001	13 31	42.5187650	-77.2330775	485.769	3853.17
3592	4172001	13 42	42.5182612	-77.2231917	493.882	3851.70
3593	4172001	13 50	42.5193763	-77.2069120	489.431	3852.73
3594	4172001	13 58	42.5196459	-77.1968700	455.115	3859.31
3595	4172001	14 10	42.5010532	-77.1883316	415.022	3865.49
3596	4172001	14 21	42.5082739	-77.1905175	415.460	3865.91
3597	4172001	14 29	42.5156525	-77.1917610	427.566	3864.19
3598	4172001	14 45	42.5231143	-77.1944089	447.882	3860.92
3599	4172001	14 53	42.5288827	-77.1958833	455.972	3859.82
3600	4172001	15 0	42.5343168	-77.1973577	469.232	3857.64
3601	4172001	15 10	42.5346994	-77.2074110	469.610	3857.73
3602	4172001	15 17	42.5417281	-77.2061341	466.842	3858.76
3603	4172001	15 25	42.5491800	-77.2063519	467.801	3858.89
3604	4172001	15 37	42.5568407	-77.2051123	451.863	3862.31
3605	4172001	15 45	42.5620400	-77.2042883	454.179	3862.15
3606	4172001	15 55	42.5620657	-77.2126617	471.170	3858.77
3607	4172001	16 3	42.5622990	-77.1924047	438.691	3865.36
3608	4172001	16 13	42.5694573	-77.1919122	423.996	3868.57
3609	4172001	16 30	42.5623033	-77.1824262	402.832	3872.12

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3610	4172001	16 41	42.5564186	-77.1901833	428.334	3867.08
3611	4172001	17 8	42.5495340	-77.1898024	426.337	3867.07
3612	4172001	17 19	42.5431152	-77.1862716	420.564	3867.61
3613	4172001	17 37	42.5368812	-77.1826246	401.219	3870.38
3614	4172001	17 54	42.5323027	-77.1708141	348.124	3880.32
3615	4172001	18 13	42.5286823	-77.1532804	221.704	3903.24
3616	4172001	18 26	42.5279625	-77.1736912	351.729	3879.06
3617	4172001	18 36	42.5312013	-77.1851992	392.597	3871.89
3618	4172001	18 42	42.5326665	-77.1933364	451.148	3860.93
3619	4172001	18 53	42.5198395	-77.1862689	407.395	3868.30
3620	4172001	19 2	42.5210169	-77.1762689	364.840	3876.38
9030	4172001	20 38	42.8728171	-77.2442355	220.412	3932.72
9030	4182001	7 17	42.8728171	-77.2442355	220.412	3932.82
3621	4182001	9 30	42.5785352	-77.0258072	402.544	3879.34
3622	4182001	9 34	42.5783923	-77.0361548	424.384	3874.56
3623	4182001	9 45	42.5706006	-77.0360182	435.594	3871.98
3624	4182001	9 53	42.5629733	-77.0356515	438.031	3871.25
3625	4182001	10 0	42.5556330	-77.0353763	451.115	3868.39
3626	4182001	10 8	42.5482060	-77.0350121	449.629	3868.41
3627	4182001	10 16	42.5406910	-77.0346226	444.548	3869.11
3628	4182001	10 28	42.5356430	-77.0288076	410.896	3875.55
3629	4182001	10 40	42.5327684	-77.0361131	445.648	3868.30
3630	4182001	10 49	42.5325086	-77.0460875	491.759	3858.92
3631	4182001	11 2	42.5321723	-77.0565648	491.485	3858.38
3632	4182001	11 10	42.5318640	-77.0666015	477.335	3860.36
3633	4182001	11 18	42.5314572	-77.0766878	447.478	3865.28
3634	4182001	11 26	42.5303064	-77.0862036	402.551	3872.94
3635	4182001	11 35	42.5213782	-77.0865999	408.271	3871.54
3636	4182001	11 43	42.5209005	-77.0947197	342.912	3883.14
3637	4182001	12 1	42.5003662	-77.0588169	473.077	3859.27
3638	4182001	12 13	42.5085139	-77.0591220	511.317	3852.74
3639	4182001	12 20	42.5150155	-77.0597587	501.778	3855.33
3640	4182001	12 30	42.4991857	-77.0852655	451.569	3862.00
3641	4182001	12 38	42.5041765	-77.0762607	452.451	3862.88
3642	4182001	12 46	42.5090271	-77.0680143	491.009	3856.30
3643	4182001	12 54	42.5209620	-77.0608494	486.977	3858.45
3644	4182001	13 3	42.5257386	-77.0592156	489.804	3858.19
3645	4182001	13 12	42.5396282	-77.0560398	489.974	3858.98
3646	4182001	13 22	42.5468432	-77.0562347	475.284	3862.05
3647	4182001	13 30	42.5543211	-77.0565502	458.930	3865.34
3648	4182001	13 38	42.5616125	-77.0565196	434.268	3870.40
3649	4182001	13 46	42.5676050	-77.0570824	409.054	3875.43
3650	4182001	13 53	42.5673356	-77.0670613	394.053	3877.58
3651	4182001	14 4	42.5668476	-77.0767430	375.712	3880.24
3652	4182001	14 24	42.5623658	-77.0829846	340.479	3886.14
3653	4182001	14 32	42.5621671	-77.0916759	244.764	3903.34
3654	4182001	14 45	42.5973450	-77.0773216	239.242	3907.93
3655	4182001	14 53	42.5976957	-77.0690995	295.574	3898.12
3656	4182001	15 0	42.5973698	-77.0600169	318.307	3894.48
3657	4182001	15 8	42.5899703	-77.0592321	335.746	3890.70
3658	4182001	15 15	42.5822586	-77.0573827	378.301	3882.12
3659	4182001	15 26	42.5759725	-77.0572459	393.528	3878.94
3660	4182001	15 37	42.6051544	-77.0605192	303.037	3897.92
3661	4182001	15 44	42.6129372	-77.0612240	292.356	3900.18
3662	4182001	15 50	42.6205980	-77.0618046	300.491	3899.17
3663	4182001	16 5	42.6281024	-77.0595680	296.363	3900.58
3664	4182001	16 10	42.6358744	-77.0605769	278.661	3904.29
3665	4182001	16 20	42.6434759	-77.0618292	252.336	3909.51
3666	4182001	16 31	42.6527594	-77.0598460	224.663	3914.80
3667	4182001	17 32	42.5255983	-77.0272995	373.697	3882.07

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3668	4182001	18 3	42.5182808	-77.0270283	326.075	3890.41
3669	4182001	18 13	42.5167246	-77.0203957	313.824	3892.87
3670	4182001	18 19	42.5093164	-77.0200751	344.673	3887.13
3671	4182001	18 32	42.4982592	-77.0158774	396.233	3876.92
9030	4182001	19 49	42.8728171	-77.2442355	220.412	3932.75
9030	4202001	7 38	42.8728171	-77.2442355	220.412	3932.82
3557	4202001	11 46	42.5764448	-77.2317452	477.139	3858.05
3547	4202001	13 29	42.5006464	-77.2416302	454.208	3857.50
9030	4202001	20 49	42.8728171	-77.2442355	220.412	3932.74
9030	4212001	7 30	42.8728171	-77.2442355	220.412	3932.82
3163	4212001	8 28	42.7615357	-77.2994694	310.866	3902.73
3710	4212001	8 39	42.7690221	-77.2973824	257.284	3913.99
3711	4212001	8 47	42.7757838	-77.2930501	224.792	3921.57
3712	4212001	8 54	42.7818396	-77.2860094	217.099	3924.06
3713	4212001	9 2	42.7879384	-77.2790939	218.433	3924.63
3714	4212001	9 7	42.7946478	-77.2728965	217.478	3925.30
3715	4212001	9 20	42.7983766	-77.2676862	213.807	3926.78
3716	4212001	9 49	42.8217220	-77.2149806	318.071	3910.76
3717	4212001	9 55	42.8216286	-77.2254190	306.605	3913.27
3718	4212001	10 4	42.8215626	-77.2359288	281.274	3918.46
3719	4212001	10 12	42.8216714	-77.2461397	258.337	3922.78
3720	4212001	10 25	42.8225397	-77.2527762	240.131	3926.11
3721	4212001	10 54	42.8395439	-77.2465874	246.389	3927.54
3722	4212001	11 4	42.8389858	-77.2363875	266.067	3923.98
3723	4212001	11 27	42.8400203	-77.2224380	284.289	3919.85
3724	4212001	11 35	42.8361086	-77.2118518	303.803	3915.04
3725	4212001	11 45	42.8356810	-77.2007663	307.970	3913.88
3726	4212001	11 51	42.8358650	-77.1912708	307.640	3913.88
3042	4212001	11 57	42.8351606	-77.1852830	307.701	3913.80
3727	4212001	12 4	42.8371655	-77.1758690	302.043	3915.15
3728	4212001	12 12	42.8370602	-77.1648026	288.896	3917.96
3729	4212001	12 20	42.8366088	-77.1535259	275.019	3920.89
3730	4212001	12 27	42.8375501	-77.1430557	278.636	3920.33
3731	4212001	12 34	42.8385215	-77.1326625	281.322	3919.98
3732	4212001	12 43	42.8396050	-77.1223072	273.513	3921.84
3733	4212001	12 49	42.8396489	-77.1118760	270.730	3922.56
3734	4212001	12 57	42.8396573	-77.1011495	263.312	3924.26
3735	4212001	13 4	42.8422147	-77.0918455	268.995	3923.60
3736	4212001	13 12	42.8472475	-77.0847084	259.871	3925.88
3737	4212001	13 20	42.8485445	-77.0807818	261.177	3925.85
3015	4212001	13 28	42.8527371	-77.0771031	272.605	3924.19
9030	4212001	13 49	42.8728171	-77.2442355	220.412	3932.66
9030	4232001	7 28	42.8728171	-77.2442355	220.412	3932.85
3304	4232001	9 6	42.9175262	-77.5721967	254.770	3927.78
3777	4232001	9 14	42.9247767	-77.5752058	235.806	3932.05
3778	4232001	9 22	42.9324946	-77.5770535	222.715	3935.28
3779	4232001	9 37	42.9390545	-77.5740762	221.677	3935.68
3780	4232001	9 43	42.9466955	-77.5742662	212.439	3937.46
3781	4232001	9 52	42.9537587	-77.5729155	203.759	3939.01
3782	4232001	9 59	42.9609207	-77.5710865	200.849	3940.13
3783	4232001	10 7	42.9684115	-77.5711790	193.296	3942.04
3784	4232001	10 14	42.9758260	-77.5723369	199.508	3941.84
3785	4232001	10 27	42.9828118	-77.5749233	175.638	3947.68
3786	4232001	10 36	42.9902394	-77.5747969	215.203	3940.88
3787	4232001	10 50	42.9953154	-77.5780491	205.304	3943.33
3788	4232001	10 58	43.0033034	-77.5779475	214.224	3942.03
3789	4232001	11 12	42.9566287	-77.5623321	199.442	3939.58
3790	4232001	11 20	42.9582550	-77.5507825	200.297	3939.34
3791	4232001	11 27	42.9597841	-77.5407876	210.863	3937.96
3792	4232001	11 34	42.9615932	-77.5330518	208.022	3938.78

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3793	4232001	11 47	43.0055953	-77.5249143	204.498	3943.47
3794	4232001	11 52	42.9975500	-77.5245767	182.849	3947.38
3795	4232001	12 3	42.9903391	-77.5242629	175.807	3948.24
3796	4232001	12 14	42.9834524	-77.5268016	186.693	3945.39
3797	4232001	12 30	42.9758702	-77.5276849	189.131	3944.12
3798	4232001	12 42	42.9686508	-77.5327455	201.121	3940.67
3799	4232001	12 49	42.9537463	-77.5331495	213.530	3937.28
3800	4232001	12 56	42.9452864	-77.5329088	232.499	3932.35
3801	4232001	13 3	42.9381942	-77.5371534	238.108	3930.55
3802	4232001	13 14	42.9305059	-77.5395402	239.086	3929.57
3779	4232001	13 25	42.9390545	-77.5740762	221.677	3935.60
3803	4232001	13 33	42.9374622	-77.5643219	227.632	3933.59
3804	4232001	13 39	42.9363872	-77.5520449	228.055	3932.84
3805	4232001	13 48	42.9353695	-77.5309032	239.388	3930.23
3806	4232001	13 55	42.9344780	-77.5207391	241.326	3929.62
3807	4232001	14 7	42.9334280	-77.5099609	258.268	3926.60
3808	4232001	14 14	42.9320104	-77.5001158	278.301	3922.61
3809	4232001	14 21	42.9314015	-77.4905236	270.693	3924.61
3810	4232001	14 33	42.9333494	-77.4812347	264.397	3926.40
3811	4232001	14 42	42.9382788	-77.4732172	258.288	3928.88
3812	4232001	14 51	42.9455389	-77.4669342	248.577	3931.84
3813	4232001	15 2	42.9537125	-77.4669813	251.688	3931.70
3814	4232001	15 12	42.9608342	-77.4668855	244.991	3932.67
3815	4232001	15 20	42.9629283	-77.4767921	263.694	3929.04
3816	4232001	15 27	42.9664445	-77.4856179	232.870	3935.80
3817	4232001	15 34	42.9660830	-77.4966947	223.411	3937.48
3818	4232001	15 42	42.9646187	-77.5071689	202.455	3941.38
3819	4232001	15 53	42.9647003	-77.5181540	201.037	3941.25
3792	4232001	15 59	42.9615932	-77.5330518	208.022	3938.82
3820	4232001	16 6	42.9634946	-77.5252749	207.569	3939.37
3821	4232001	16 27	42.9683472	-77.4731309	228.088	3936.32
9030	4232001	17 27	42.8728171	-77.2442355	220.412	3932.78
9030	4242001	7 26	42.8728171	-77.2442355	220.412	3932.88
3822	4242001	9 8	42.9340580	-77.0130680	151.020	3954.61
3823	4242001	9 15	42.9417160	-77.0132823	146.922	3955.94
3824	4242001	9 23	42.9481896	-77.0110608	137.419	3958.58
3825	4242001	9 32	42.9560693	-77.0130128	148.883	3957.15
3826	4242001	9 38	42.9637895	-77.0137636	158.866	3956.02
3827	4242001	9 47	42.9718064	-77.0138865	165.418	3955.71
3828	4242001	9 54	42.9793525	-77.0140099	178.903	3953.87
3829	4242001	10 5	42.9871304	-77.0142561	162.516	3957.84
3830	4242001	10 17	42.9947978	-77.0144784	169.437	3957.17
3831	4242001	10 24	43.0021939	-77.0147215	166.255	3958.37
3828	4242001	10 32	42.9793525	-77.0140099	178.903	3953.87
3832	4242001	10 45	42.9998817	-77.0570664	175.377	3954.81
3833	4242001	10 57	42.9908137	-77.0565883	179.115	3953.35
3834	4242001	11 6	42.9833037	-77.0573200	168.148	3955.04
3835	4242001	11 13	42.9758973	-77.0579916	158.925	3956.42
3836	4242001	11 21	42.9665877	-77.0574080	151.559	3957.16
3837	4242001	11 33	42.9608374	-77.0487869	143.730	3958.37
3838	4242001	11 40	42.9593580	-77.0399170	147.396	3957.55
3839	4242001	11 51	42.9587515	-77.0323194	150.641	3956.78
3840	4242001	11 56	42.9606679	-77.0224134	162.244	3954.85
3826	4242001	12 8	42.9637895	-77.0137636	158.866	3955.94
3841	4242001	12 27	42.9583347	-77.0570146	160.358	3954.70
3842	4242001	12 45	42.9500383	-77.0564992	172.027	3951.84
3843	4242001	12 55	42.9404566	-77.0561107	195.910	3946.49
3844	4242001	13 3	42.9334556	-77.0523384	187.770	3947.71
3845	4242001	13 12	42.9268487	-77.0477654	195.797	3945.58
3846	4242001	13 18	42.9209972	-77.0450570	190.447	3946.18

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1048	4242001	13 29	42.9165540	-77.0437514	194.797	3944.90
3847	4242001	13 48	42.9606059	-77.0677574	170.264	3952.68
3848	4242001	14 1	42.9625462	-77.0776862	173.943	3952.00
3849	4242001	14 7	42.9626345	-77.0871994	177.381	3951.09
3850	4242001	14 16	42.9731807	-77.0899311	176.281	3952.03
3851	4242001	14 28	42.9672014	-77.0870833	176.095	3951.72
3852	4242001	14 37	42.9725678	-77.0806120	167.324	3953.67
3853	4242001	14 46	42.9821382	-77.0793016	153.539	3956.77
3854	4242001	14 54	42.9879440	-77.0887403	155.297	3956.60
3855	4242001	15 0	42.9959974	-77.0900819	165.987	3954.05
3856	4242001	15 9	43.0029148	-77.0949985	165.895	3955.52
9030	4242001	16 15	42.8728171	-77.2442355	220.412	3932.74

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
9030	4042001	9 27	42.8728171	-77.2442355	220.412	3830.12
1034	4042001	10 17	42.8308564	-77.0366517	231.391	3826.55
1035	4042001	10 51	42.8389654	-77.0380273	242.960	3825.35
1036	4042001	11 29	42.8469327	-77.0365242	235.588	3827.94
1037	4042001	11 44	42.8533691	-77.0388337	236.618	3828.22
1038	4042001	12 4	42.8598688	-77.0391492	227.433	3830.81
1039	4042001	12 19	42.8671993	-77.0400050	224.962	3831.80
1040	4042001	12 39	42.8729627	-77.0410648	227.297	3831.69
1041	4042001	12 57	42.8796939	-77.0424436	220.739	3833.35
1042	4042001	13 16	42.8865129	-77.0454796	228.117	3832.38
1043	4042001	13 42	42.8905145	-77.0494099	220.499	3834.33
1044	4042001	14 10	42.8965353	-77.0538402	220.426	3834.89
1045	4042001	14 35	42.9028106	-77.0573310	223.629	3835.22
1034	4042001	15 35	42.8308564	-77.0366517	231.391	3826.58
1033	4042001	15 56	42.8245171	-77.0396054	250.035	3822.14
1046	4042001	16 15	42.9100336	-77.0608617	219.592	3836.70
1047	4042001	16 35	42.9168862	-77.0631787	224.994	3836.25
1048	4042001	16 50	42.9165540	-77.0437514	194.797	3842.51
1049	4042001	17 10	42.9098181	-77.0422137	196.145	3841.36
1050	4042001	17 28	42.9035138	-77.0428368	204.506	3838.98
1051	4042001	17 44	42.8956783	-77.0444894	221.855	3834.58
1052	4042001	18 2	42.8895662	-77.0420331	219.974	3834.27
1053	4042001	18 23	42.8863815	-77.0365949	221.357	3833.71
1054	4042001	19 37	42.8804883	-77.0328099	219.768	3833.72
9030	4042001	20 8	42.8728171	-77.2442355	220.412	3830.11
9030	4052001	10 24	42.8728171	-77.2442355	220.412	3830.13
1113	4052001	11 0	42.8750729	-77.2279137	235.151	3827.51
1115	4052001	11 11	42.8883702	-77.2282415	236.563	3828.11
1117	4052001	11 30	42.9010310	-77.2386177	234.910	3828.95
1119	4052001	11 49	42.8980259	-77.2560039	218.297	3831.28
1015	4052001	12 47	42.8262162	-77.0097132	214.275	3829.33
3128	4052001	12 59	42.7803954	-77.0067456	233.087	3820.62
3129	4052001	13 3	42.7716327	-77.0097315	227.729	3820.51
3130	4052001	13 11	42.7639020	-77.0150889	243.919	3816.70
3131	4052001	13 17	42.7580407	-77.0158127	222.133	3820.70
3132	4052001	13 25	42.7510059	-77.0132844	241.993	3816.62
3133	4052001	13 31	42.7451872	-77.0153035	243.198	3815.85
3134	4052001	13 35	42.7448410	-77.0310933	257.195	3812.95
3135	4052001	13 40	42.7531365	-77.0312883	251.058	3814.63
3136	4052001	13 46	42.7598766	-77.0314654	257.408	3814.09
3137	4052001	13 49	42.7675412	-77.0316857	259.384	3813.61
3138	4052001	13 54	42.7753650	-77.0319861	260.376	3814.84
3139	4052001	14 1	42.7806283	-77.0322603	268.255	3813.96
3140	4052001	14 9	42.8003321	-77.0591475	268.182	3815.75
3141	4052001	14 13	42.7926033	-77.0588861	271.704	3814.26
3142	4052001	14 17	42.7851307	-77.0585461	270.007	3813.88
3143	4052001	14 22	42.7751690	-77.0581664	265.503	3813.97
3144	4052001	14 27	42.7658053	-77.0577382	268.594	3812.56
3145	4052001	14 31	42.7580055	-77.0575304	269.665	3811.48
3146	4052001	14 35	42.7500852	-77.0573225	275.701	3809.64
3147	4052001	14 39	42.7443458	-77.0571750	287.300	3806.92
3148	4052001	14 43	42.7442788	-77.0673691	309.254	3803.20
3149	4052001	14 47	42.7518980	-77.0677613	294.618	3806.45
3150	4052001	14 50	42.7590415	-77.0680742	287.938	3808.30
3151	4052001	14 54	42.7670962	-77.0682211	279.305	3810.53
3152	4052001	15 0	42.7758368	-77.0687273	282.955	3810.83
3153	4052001	15 5	42.7833433	-77.0690753	288.296	3810.32
3154	4052001	15 9	42.7909838	-77.0694957	283.149	3812.08
3155	4052001	15 14	42.7993499	-77.0696414	277.003	3814.05
3009	4052001	15 19	42.8102583	-77.0700213	272.734	3816.20

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
3156	4052001	15 26	42.8017117	-77.0929667	298.942	3810.42
3157	4052001	15 30	42.7948032	-77.0928098	295.731	3810.22
3158	4052001	15 36	42.7858011	-77.0927157	301.032	3808.90
3159	4052001	15 44	42.7789328	-77.0926163	300.620	3808.12
3160	4052001	15 55	42.7698924	-77.0922008	313.883	3804.88
3161	4052001	16 1	42.7629092	-77.0995273	318.831	3803.34
3162	4052001	16 5	42.7574438	-77.1049389	326.641	3801.24
1157	4052001	16 15	42.7545081	-77.1140642	338.903	3798.61
1158	4052001	16 24	42.7506507	-77.1116694	336.748	3798.60
1159	4052001	16 37	42.7459088	-77.1164594	331.250	3799.09
1160	4052001	16 45	42.7390443	-77.1215797	335.992	3797.37
1161	4052001	16 54	42.7325299	-77.1232654	338.142	3796.19
1162	4052001	17 3	42.7236198	-77.1215262	319.102	3798.81
1163	4052001	17 11	42.7173353	-77.1202901	312.271	3799.15
9030	4052001	18 0	42.8728171	-77.2442355	220.412	3830.23
9030	4062001	9 19	42.8728171	-77.2442355	220.412	3830.16
3106	4062001	9 41	42.8264340	-77.2148275	316.794	3808.96
3046	4062001	9 56	42.8109419	-77.1750021	315.210	3808.22
1164	4062001	10 28	42.7412100	-77.1443116	314.994	3801.40
1165	4062001	10 34	42.7336672	-77.1442407	321.740	3799.06
1166	4062001	10 41	42.7268354	-77.1441775	338.939	3795.01
1167	4062001	11 5	42.7190895	-77.1440601	362.047	3789.71
1168	4062001	11 14	42.7158921	-77.1360755	374.109	3787.14
1169	4062001	11 27	42.7167268	-77.1264125	336.383	3794.38
1170	4062001	11 36	42.7094871	-77.1328278	347.553	3791.54
1171	4062001	11 48	42.7001288	-77.1332042	324.014	3795.17
1172	4062001	11 59	42.6932342	-77.1331879	312.404	3796.85
1173	4062001	12 8	42.6873067	-77.1307327	278.675	3802.62
1174	4062001	12 16	42.6845616	-77.1173434	330.823	3793.09
1175	4062001	12 28	42.6825466	-77.1116450	351.040	3789.13
1176	4062001	12 36	42.6799159	-77.1036147	368.994	3785.47
1177	4062001	12 43	42.6772738	-77.0929938	369.468	3785.26
1178	4062001	12 50	42.6744043	-77.0832713	352.440	3788.63
1179	4062001	12 59	42.6723445	-77.0753258	326.378	3793.60
1180	4062001	13 8	42.6681536	-77.0670024	271.133	3804.13
1181	4062001	13 21	42.6717212	-77.0630600	254.521	3807.60
1182	4062001	13 30	42.6780259	-77.0656254	299.043	3799.53
1183	4062001	13 39	42.6839860	-77.0657826	323.377	3795.27
1184	4062001	13 52	42.6933266	-77.0658236	338.911	3792.94
1185	4062001	14 4	42.7009706	-77.0662632	340.857	3793.19
1186	4062001	14 11	42.7059745	-77.0660592	335.984	3794.47
1187	4062001	14 19	42.7135620	-77.0663419	340.892	3794.05
1188	4062001	14 33	42.7197216	-77.0668548	333.546	3795.99
1189	4062001	14 40	42.7291408	-77.0668137	322.483	3798.90
1190	4062001	14 48	42.7356584	-77.0670425	328.918	3797.95
3148	4062001	15 3	42.7442788	-77.0673691	309.254	3803.18
1191	4062001	15 9	42.7539778	-77.0794015	300.299	3805.55
1192	4062001	15 25	42.7527890	-77.0906428	302.994	3805.02
1193	4062001	15 35	42.7562488	-77.0987844	306.803	3804.82
1194	4062001	15 43	42.7454076	-77.0904016	300.818	3804.80
1195	4062001	15 50	42.7382085	-77.0900824	321.629	3799.78
1196	4062001	15 57	42.7318050	-77.0897899	321.070	3799.47
1197	4062001	16 4	42.7240360	-77.0894464	332.204	3796.67
1198	4062001	16 12	42.7173106	-77.0892232	340.396	3794.47
1199	4062001	16 20	42.7083249	-77.0886394	353.066	3791.23
1200	4062001	16 27	42.7013990	-77.0882945	358.710	3789.56
1201	4062001	16 35	42.6948644	-77.0878838	357.646	3789.24
1202	4062001	16 43	42.6865304	-77.0877508	366.885	3786.81
1203	4062001	16 51	42.6822178	-77.0876470	373.519	3785.09
1204	4062001	17 0	42.6689166	-77.0878472	383.153	3782.29

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1205	4062001	17 8	42.6693490	-77.0971125	386.699	3781.40
1206	4062001	17 15	42.6695651	-77.1075559	381.860	3782.55
1207	4062001	17 23	42.6695108	-77.1165415	363.691	3785.93
9030	4062001	18 4	42.8728171	-77.2442355	220.412	3830.24
9030	4072001	8 23	42.8728171	-77.2442355	220.412	3830.16
3043	4072001	8 57	42.8275433	-77.1851994	321.196	3808.01
3049	4072001	9 12	42.8111996	-77.1434278	265.718	3817.28
1208	4072001	9 43	42.6643321	-77.0588975	230.179	3811.64
1209	4072001	9 54	42.6608569	-77.0548701	225.666	3812.63
1210	4072001	10 4	42.6636053	-77.0464459	232.592	3812.59
1211	4072001	10 13	42.6692185	-77.0398671	256.003	3809.18
1212	4072001	10 20	42.6711574	-77.0328515	259.446	3809.04
1213	4072001	10 28	42.6746545	-77.0202884	267.585	3809.07
1214	4072001	10 38	42.6774036	-77.0122367	269.855	3809.11
1215	4072001	10 43	42.6801776	-77.0038299	265.707	3810.62
1216	4072001	10 52	42.6840581	-77.0156746	279.233	3807.45
1217	4072001	11 0	42.6903333	-77.0159089	280.197	3807.49
1218	4072001	11 8	42.6964429	-77.0159399	280.385	3807.49
1219	4072001	11 21	42.7054945	-77.0160564	275.424	3808.22
1220	4072001	11 29	42.7122766	-77.0162149	278.279	3807.80
1221	4072001	11 41	42.7175687	-77.0162286	285.426	3806.52
1222	4072001	11 53	42.7245074	-77.0116973	269.710	3810.19
1223	4072001	12 1	42.7316967	-77.0109930	271.657	3809.80
1224	4072001	12 10	42.7333992	-77.0167448	260.449	3811.83
1225	4072001	12 16	42.7390974	-77.0163807	255.126	3813.28
3134	4072001	12 24	42.7448410	-77.0310933	257.195	3812.84
1226	4072001	12 31	42.7374124	-77.0310175	254.645	3812.85
1227	4072001	12 38	42.7290726	-77.0308009	249.076	3813.40
1228	4072001	12 46	42.7229433	-77.0306279	253.654	3812.08
1229	4072001	12 54	42.7175598	-77.0280569	261.737	3810.87
1230	4072001	13 12	42.7092863	-77.0290815	284.276	3805.80
1231	4072001	13 19	42.7030352	-77.0294158	291.482	3804.23
1232	4072001	13 26	42.6957267	-77.0310410	288.382	3804.90
1233	4072001	13 45	42.6894935	-77.0303617	289.958	3804.36
1234	4072001	13 50	42.6815681	-77.0291827	286.287	3804.88
1235	4072001	13 59	42.6660301	-77.0316017	246.877	3811.09
1211	4072001	14 6	42.6692185	-77.0398671	256.003	3809.11
1236	4072001	14 13	42.6695470	-77.0503891	255.112	3808.43
1237	4072001	14 28	42.6783575	-77.0505208	256.058	3808.56
1238	4072001	14 37	42.6844025	-77.0518890	249.219	3809.72
1239	4072001	14 45	42.6912149	-77.0526014	255.819	3809.05
1240	4072001	15 0	42.6970747	-77.0519107	264.690	3807.84
1241	4072001	15 13	42.7049190	-77.0493704	268.761	3807.77
1242	4072001	15 19	42.7134940	-77.0494575	286.089	3804.87
1243	4072001	15 27	42.7174858	-77.0540587	311.611	3800.05
1244	4072001	15 35	42.7229803	-77.0564659	309.633	3800.84
1245	4072001	15 43	42.7304904	-77.0566717	297.484	3803.75
1246	4072001	15 50	42.7379036	-77.0569182	295.761	3804.63
3147	4072001	15 58	42.7443458	-77.0571750	287.300	3806.85
1247	4072001	16 4	42.7600064	-77.0473100	262.617	3812.55
1248	4072001	16 28	42.6622375	-77.1170229	384.830	3781.30
1249	4072001	16 35	42.6552259	-77.1157514	408.090	3776.40
1250	4072001	16 42	42.6478246	-77.1131572	416.376	3774.16
1251	4072001	16 51	42.6412378	-77.1105190	403.691	3776.09
1252	4072001	17 1	42.6401437	-77.1488048	325.738	3790.48
1253	4072001	17 12	42.6484153	-77.1447705	327.493	3790.96
1254	4072001	17 17	42.6545092	-77.1410673	327.662	3791.41
1255	4072001	17 24	42.6590210	-77.1356548	322.444	3792.78
1256	4072001	17 32	42.6655982	-77.1354304	311.750	3795.26
1257	4072001	17 40	42.6735951	-77.1386579	263.538	3804.78

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1258	4072001	17 47	42.6827410	-77.1362321	278.156	3802.65
9030	4072001	18 30	42.8728171	-77.2442355	220.412	3830.19
9030	4082001	8 9	42.8728171	-77.2442355	220.412	3830.13
K155	4082001	8 27	42.7967043	-77.2412842	285.372	3811.25
GREEN	4082001	8 41	42.7789813	-77.2489225	318.696	3803.30
3213	4082001	9 3	42.6925179	-77.1906311	275.276	3803.00
1259	4082001	9 10	42.6924000	-77.1788641	307.661	3797.33
1260	4082001	9 17	42.6925464	-77.1704924	345.485	3790.41
1261	4082001	9 25	42.6925117	-77.1607870	361.809	3787.27
1262	4082001	9 32	42.6925501	-77.1514989	359.659	3787.68
1263	4082001	9 40	42.6934244	-77.1391212	344.229	3790.74
1167	4082001	9 54	42.7190895	-77.1440601	362.047	3789.69
1264	4082001	10 0	42.7158225	-77.1509340	339.563	3793.51
1265	4082001	10 8	42.7114644	-77.1538844	338.069	3793.31
1266	4082001	10 16	42.7079797	-77.1622422	313.984	3797.52
1267	4082001	10 25	42.7059362	-77.1669680	305.671	3799.19
1268	4082001	10 32	42.6968666	-77.1659168	344.659	3790.74
1269	4082001	10 42	42.6857408	-77.1683576	378.278	3783.21
1270	4082001	10 49	42.6790600	-77.1724467	382.985	3782.05
1271	4082001	10 58	42.6718079	-77.1742119	384.247	3781.17
1272	4082001	11 10	42.6647539	-77.1732227	365.696	3784.37
1273	4082001	11 23	42.6626365	-77.1683106	357.253	3785.96
1274	4082001	11 30	42.6536668	-77.1701872	311.226	3793.97
1275	4082001	11 44	42.6470496	-77.1721967	312.074	3793.19
1276	4082001	11 52	42.6400246	-77.1732608	306.161	3793.56
1277	4082001	12 0	42.6363159	-77.1711314	295.811	3795.17
1278	4082001	12 8	42.6333843	-77.1658186	238.723	3804.89
1279	4082001	12 17	42.6253020	-77.1658718	241.275	3803.85
1280	4082001	12 50	42.6337006	-77.1538894	297.302	3794.87
1281	4082001	13 6	42.6234981	-77.1739207	301.253	3793.50
1282	4082001	13 19	42.6221802	-77.1835241	354.570	3783.24
1283	4082001	13 26	42.6170321	-77.1927726	412.734	3771.83
1284	4082001	13 35	42.6178105	-77.2008903	447.670	3765.14
1285	4082001	13 44	42.6181402	-77.2101601	463.076	3762.09
3237	4082001	13 52	42.6182057	-77.2186186	460.976	3762.25
1116	4082001	14 40	42.8948712	-77.2282877	232.941	3829.20
1098	4082001	14 54	42.9082825	-77.2285074	217.657	3833.03
1084	4082001	15 20	42.8972980	-77.1612639	272.661	3821.94
1286	4082001	15 52	42.8525467	-77.3558975	324.178	3805.61
1287	4082001	16 0	42.8489215	-77.3607244	311.789	3807.60
1288	4082001	16 8	42.8485528	-77.3718929	339.283	3802.15
1289	4082001	16 15	42.8434334	-77.3796108	376.422	3794.47
1290	4082001	16 24	42.8424890	-77.3855171	380.851	3793.19
1291	4082001	16 32	42.8399571	-77.3925199	347.298	3799.25
1292	4082001	16 41	42.8351783	-77.4012761	275.726	3812.07
1293	4082001	16 49	42.8434838	-77.4008284	266.836	3814.34
1294	4082001	16 59	42.8500825	-77.3950991	277.590	3813.34
1295	4082001	17 6	42.8569570	-77.3908925	271.250	3815.37
1296	4082001	17 13	42.8665465	-77.3898708	276.944	3815.80
1297	4082001	17 21	42.8719316	-77.3898327	293.557	3813.51
1298	4082001	17 27	42.8789285	-77.3898167	263.905	3819.35
9030	4082001	17 57	42.8728171	-77.2442355	220.412	3830.05
9030	4102001	7 8	42.8728171	-77.2442355	220.412	3829.92
1298	4102001	8 8	42.8789285	-77.3898167	263.905	3819.20
1299	4102001	8 15	42.8854605	-77.3899349	256.982	3820.86
1300	4102001	8 22	42.8922823	-77.3898574	257.238	3821.00
1301	4102001	8 30	42.8994298	-77.3896835	266.794	3819.27
1302	4102001	8 37	42.9083595	-77.3896309	252.071	3822.54
1303	4102001	8 43	42.9101165	-77.3952207	248.092	3823.14
1304	4102001	8 57	42.9236641	-77.4161615	300.345	3812.49

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1305	4102001	9 4	42.9161673	-77.4173637	285.755	3815.60
1306	4102001	9 11	42.9093005	-77.4184697	266.987	3818.90
1307	4102001	9 18	42.9018108	-77.4200345	269.247	3818.11
1308	4102001	9 24	42.8941062	-77.4159166	296.060	3812.75
1309	4102001	9 31	42.8878746	-77.4138055	281.085	3815.87
1310	4102001	9 38	42.8830631	-77.4159465	293.026	3813.22
1311	4102001	9 44	42.8829454	-77.4264227	331.257	3805.62
1312	4102001	9 51	42.8830110	-77.4387112	348.745	3802.02
1313	4102001	9 58	42.8849320	-77.4445140	340.505	3803.72
1314	4102001	10 3	42.8896301	-77.4402442	337.121	3804.35
1315	4102001	10 10	42.8956637	-77.4347440	321.783	3807.19
1316	4102001	10 18	42.9028830	-77.4345153	276.572	3816.29
1317	4102001	10 24	42.9072643	-77.4409917	273.683	3817.39
1318	4102001	10 31	42.9130847	-77.4487782	289.190	3814.66
1319	4102001	10 37	42.9199061	-77.4497465	268.527	3819.72
1320	4102001	10 47	42.9224166	-77.4686493	299.721	3814.29
1321	4102001	10 53	42.9150901	-77.4683784	311.498	3810.51
1322	4102001	11 0	42.9072847	-77.4681616	306.231	3811.18
1323	4102001	11 7	42.8994147	-77.4678682	297.444	3812.93
1324	4102001	11 23	42.8924138	-77.4676829	287.077	3814.41
1325	4102001	11 32	42.8857174	-77.4675282	282.681	3815.04
1326	4102001	11 40	42.8829068	-77.4623588	292.915	3813.25
1327	4102001	11 46	42.8829478	-77.4517375	320.980	3807.50
1328	4102001	11 53	42.8795185	-77.4486657	319.521	3807.76
1329	4102001	12 2	42.8730829	-77.4485565	343.091	3802.65
1330	4102001	12 9	42.8633563	-77.4483032	330.527	3804.21
1331	4102001	12 14	42.8570326	-77.4481450	315.359	3806.48
1332	4102001	12 21	42.8495332	-77.4479321	319.013	3804.90
1333	4102001	12 35	42.8450251	-77.4607239	305.277	3806.95
1334	4102001	12 46	42.8425197	-77.4698893	320.890	3803.78
1335	4102001	12 52	42.8362898	-77.4696423	354.285	3796.76
1336	4102001	12 58	42.8292949	-77.4708287	348.560	3797.47
1337	4102001	13 5	42.8239055	-77.4723579	363.575	3794.25
1338	4102001	13 12	42.8188130	-77.4644942	408.670	3785.09
1339	4102001	13 42	42.8531033	-77.4670536	292.520	3810.29
1340	4102001	13 55	42.8605301	-77.4667842	291.983	3811.31
1341	4102001	14 4	42.8662686	-77.4669982	288.226	3812.75
1342	4102001	14 11	42.8690727	-77.4710872	278.508	3814.80
1343	4102001	14 17	42.8734628	-77.4686569	275.030	3815.80
1344	4102001	14 25	42.8788652	-77.4632159	278.737	3815.40
1345	4102001	14 46	42.8691758	-77.4587931	297.360	3811.24
1346	4102001	14 56	42.8716185	-77.4386415	337.277	3803.86
1347	4102001	15 2	42.8690754	-77.4298474	385.037	3794.11
1348	4102001	15 9	42.8693073	-77.4190971	329.992	3805.25
1349	4102001	15 15	42.8693387	-77.4068186	329.091	3805.32
1350	4102001	15 22	42.8693576	-77.3984839	301.481	3811.03
1298	4102001	15 29	42.8789285	-77.3898167	263.905	3819.07
1351	4102001	15 34	42.8830787	-77.4063392	278.367	3816.19
1352	4102001	15 42	42.8736407	-77.4102865	309.700	3809.50
1353	4102001	15 49	42.8623334	-77.4125977	330.206	3804.63
1354	4102001	15 55	42.8549495	-77.4126304	349.097	3799.82
1355	4102001	16 1	42.8479740	-77.4109256	318.420	3805.12
1356	4102001	16 8	42.8420172	-77.4095745	289.545	3809.91
1357	4102001	16 16	42.8366482	-77.4125227	275.904	3811.93
3290	4102001	16 24	42.8311876	-77.4113625	269.739	3812.25
9030	4102001	17 1	42.8728171	-77.2442355	220.412	3829.78
9030	4112001	7 37	42.8728171	-77.2442355	220.412	3829.87
1357	4112001	8 32	42.8366482	-77.4125227	275.904	3812.03
1358	4112001	8 44	42.8194386	-77.3861544	378.578	3791.28
1359	4112001	8 49	42.8193512	-77.3747531	363.707	3794.77

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1360	4112001	8 58	42.8196422	-77.3666477	417.050	3784.35
1361	4112001	9 4	42.8220964	-77.3574399	431.185	3782.05
1362	4112001	9 9	42.8221823	-77.3460414	386.494	3791.10
1363	4112001	9 16	42.8221872	-77.3380396	334.474	3801.24
3241	4112001	9 23	42.8208170	-77.3279742	314.789	3805.08
1364	4112001	9 27	42.8135195	-77.3207986	312.742	3804.75
1365	4112001	9 34	42.8071289	-77.3155699	303.881	3805.96
1366	4112001	9 40	42.8028461	-77.3082133	278.691	3810.47
1367	4112001	9 47	42.8027622	-77.2995478	235.865	3818.19
1368	4112001	9 53	42.8087674	-77.2951297	262.704	3814.32
1369	4112001	10 0	42.8154710	-77.2903286	242.616	3819.14
1370	4112001	10 8	42.8227568	-77.2848108	213.330	3825.60
1371	4112001	10 16	42.8274755	-77.2829405	212.903	3826.37
1372	4112001	10 23	42.8364568	-77.2826063	213.885	3826.50
1373	4112001	10 32	42.8419200	-77.2809549	212.230	3827.53
1374	4112001	10 39	42.8514546	-77.2805741	215.013	3827.66
1375	4112001	10 46	42.8567160	-77.2801924	219.131	3827.06
1376	4112001	10 53	42.8634417	-77.2818042	234.487	3823.91
1377	4112001	11 4	42.8710537	-77.2842967	236.453	3824.45
9030	4112001	11 25	42.8728171	-77.2442355	220.412	3829.82
9030	4112001	11 25	42.8728171	-77.2442355	220.412	3829.82
1378	4112001	11 53	42.7877500	-77.3390704	349.116	3794.39
1379	4112001	11 59	42.7825306	-77.3375987	343.983	3794.82
1380	4112001	12 9	42.7724252	-77.3398414	374.503	3788.04
1381	4112001	12 14	42.7663075	-77.3384837	365.704	3788.85
1382	4112001	12 30	42.7610904	-77.3369672	352.321	3791.35
1383	4112001	12 35	42.7519876	-77.3364300	301.252	3800.20
1384	4112001	12 43	42.7441810	-77.3397549	217.752	3814.54
1385	4112001	13 0	42.7413646	-77.3433480	217.228	3814.53
1386	4112001	13 11	42.7415950	-77.3516308	286.827	3801.96
1387	4112001	13 18	42.7494000	-77.3567945	338.976	3791.64
1388	4112001	14 0	42.8238502	-77.4197491	308.367	3804.37
1389	4112001	14 12	42.8172639	-77.4218257	355.946	3794.60
1390	4112001	14 20	42.8117619	-77.4185746	342.020	3796.77
1391	4112001	14 34	42.8022462	-77.4193004	388.243	3787.12
1392	4112001	15 16	42.7962081	-77.4219745	443.235	3775.96
1393	4112001	15 23	42.7905900	-77.4221905	462.357	3771.66
1394	4112001	15 31	42.7832330	-77.4232183	507.706	3761.99
1395	4112001	15 38	42.7751468	-77.4232575	531.491	3756.56
1396	4112001	15 46	42.7709778	-77.4275136	528.424	3757.03
1397	4112001	16 1	42.8210277	-77.4279354	353.034	3795.09
1398	4112001	16 7	42.8181054	-77.4369928	368.746	3792.16
1399	4112001	16 15	42.8153830	-77.4453709	408.727	3784.47
1400	4112001	16 21	42.8077796	-77.4472736	435.038	3778.73
1401	4112001	16 30	42.8011600	-77.4517654	443.633	3776.40
1402	4112001	16 36	42.7939017	-77.4532637	440.108	3776.21
1403	4112001	16 44	42.7873862	-77.4568717	392.464	3784.12
1404	4112001	16 54	42.7823804	-77.4618583	324.627	3796.37
1405	4112001	17 8	42.7879757	-77.4693262	395.289	3783.80
1406	4112001	17 22	42.7924198	-77.4674697	440.378	3776.01
1407	4112001	17 29	42.7987013	-77.4645132	450.508	3775.26
1408	4112001	17 42	42.8052602	-77.4643553	412.440	3783.08
9030	4112001	18 34	42.8728171	-77.2442355	220.412	3829.76
9030	4122001	12 27	42.8728171	-77.2442355	220.412	3829.71
3357	4122001	14 7	42.8636376	-77.5075793	276.781	3814.38
3356	4122001	14 17	42.8721884	-77.5078592	283.263	3814.28
1403	4122001	14 49	42.7873862	-77.4568717	392.464	3784.06
1404	4122001	15 2	42.7823804	-77.4618583	324.627	3796.27
1405	4122001	15 11	42.7879757	-77.4693262	395.289	3783.72
1409	4122001	15 29	42.7773072	-77.4562067	314.890	3797.26

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1410	4122001	15 44	42.7710724	-77.4522383	337.711	3793.00
1411	4122001	15 51	42.7665717	-77.4452121	383.368	3783.83
1412	4122001	16 2	42.7590088	-77.4447666	408.168	3778.15
1413	4122001	16 8	42.7509427	-77.4457580	388.986	3780.75
1414	4122001	16 15	42.7446483	-77.4445497	391.708	3779.77
1415	4122001	16 22	42.7355024	-77.4390245	417.577	3773.82
1416	4122001	16 33	42.7298533	-77.4362170	419.378	3773.09
1417	4122001	16 39	42.7247782	-77.4318390	437.683	3769.44
1418	4122001	16 46	42.7186834	-77.4262528	388.865	3778.28
1419	4122001	16 53	42.7133116	-77.4244121	386.819	3777.82
1420	4122001	17 0	42.7063408	-77.4241182	412.315	3772.62
1421	4122001	17 8	42.6987779	-77.4224118	448.960	3765.67
1422	4122001	17 17	42.6930060	-77.4205152	492.522	3757.57
9030	4122001	18 32	42.8728171	-77.2442355	220.412	3829.62
9030	4132001	7 38	42.8728171	-77.2442355	220.412	3829.68
1422	4132001	8 56	42.6930060	-77.4205152	492.522	3757.64
1423	4132001	9 5	42.6848272	-77.4167176	512.598	3753.59
1424	4132001	9 13	42.6782070	-77.4160925	498.070	3755.92
1425	4132001	9 22	42.6710851	-77.4177655	471.903	3760.38
1426	4132001	9 35	42.6641603	-77.4203148	456.911	3763.66
1427	4132001	9 44	42.6606032	-77.4238835	455.852	3764.02
1428	4132001	9 52	42.6606561	-77.4339975	469.547	3760.49
1429	4132001	10 0	42.6644981	-77.4404794	482.537	3758.33
1430	4132001	10 7	42.6719505	-77.4436610	499.086	3755.36
1431	4132001	10 15	42.6785499	-77.4412030	541.017	3747.46
1432	4132001	10 30	42.6869454	-77.4408619	549.854	3746.88
1433	4132001	10 38	42.6922494	-77.4440493	548.770	3747.30
1434	4132001	10 52	42.6981102	-77.4495895	550.188	3747.32
1435	4132001	11 6	42.7040553	-77.4520820	537.801	3750.14
1436	4132001	11 20	42.7109216	-77.4567358	537.426	3750.49
1437	4132001	11 36	42.7167306	-77.4609486	537.971	3750.86
1438	4132001	11 43	42.7214137	-77.4656161	568.371	3745.22
1439	4132001	11 52	42.7293347	-77.4705517	562.992	3746.72
1440	4132001	11 59	42.7375964	-77.4720728	527.753	3754.10
1441	4132001	12 7	42.7453295	-77.4715312	483.175	3763.40
1442	4132001	12 16	42.7533111	-77.4720006	446.043	3770.67
1443	4132001	12 30	42.7600404	-77.4759944	453.442	3769.78
1444	4132001	12 40	42.7653651	-77.4770928	422.830	3776.11
3384	4132001	12 47	42.7696942	-77.4771433	401.383	3780.93
1445	4132001	13 2	42.7213636	-77.5022054	260.199	3801.18
1446	4132001	13 21	42.7165799	-77.4991149	255.149	3802.26
1447	4132001	13 29	42.7084407	-77.4977495	254.167	3801.70
1448	4132001	13 36	42.7006938	-77.4934635	260.527	3798.98
1449	4132001	13 50	42.6945371	-77.4896754	266.332	3796.82
1450	4132001	14 16	42.6865110	-77.4873855	267.112	3795.35
1451	4132001	14 32	42.6795572	-77.4886510	267.658	3795.87
1452	4132001	14 47	42.6724035	-77.4886933	275.962	3794.91
1453	4132001	14 59	42.6660423	-77.4888523	289.102	3793.13
1454	4132001	15 7	42.6577236	-77.4847673	279.747	3794.16
1455	4132001	15 14	42.6511632	-77.4777304	301.789	3789.99
1456	4132001	15 21	42.6468763	-77.4738964	309.365	3788.66
1457	4132001	15 29	42.6418562	-77.4681668	324.712	3785.84
1458	4132001	15 36	42.6354302	-77.4616137	352.980	3780.78
1459	4132001	15 44	42.6295728	-77.4557900	358.648	3779.53
1460	4132001	15 51	42.6240934	-77.4481986	352.791	3780.73
1461	4132001	15 58	42.6211783	-77.4398165	347.281	3782.18
1462	4132001	16 5	42.6194893	-77.4310613	329.388	3785.10
1463	4132001	16 14	42.6249024	-77.4279135	386.774	3774.32
1464	4132001	16 21	42.6312083	-77.4300779	445.684	3764.33
1465	4132001	16 32	42.6375454	-77.4307948	452.841	3763.43

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1466	4132001	16 40	42.6471338	-77.4336549	451.050	3763.75
1467	4132001	16 48	42.6543826	-77.4350507	461.881	3762.22
1428	4132001	16 58	42.6606561	-77.4339975	469.547	3760.39
1468	4132001	17 4	42.6539120	-77.4204635	439.670	3766.24
1469	4132001	17 13	42.6430049	-77.4181174	446.942	3764.38
9030	4132001	19 16	42.8728171	-77.2442355	220.412	3829.61
9030	4142001	8 47	42.8728171	-77.2442355	220.412	3829.69
1470	4142001	9 36	42.6986846	-77.3796267	384.284	3778.94
1471	4142001	9 46	42.6917900	-77.3761590	374.745	3780.19
1472	4142001	9 53	42.6860031	-77.3758646	384.054	3778.38
1473	4142001	10 2	42.6785121	-77.3764122	381.380	3778.20
1474	4142001	10 8	42.6724476	-77.3740258	377.326	3778.26
1475	4142001	10 17	42.6643771	-77.3740522	374.428	3778.53
1476	4142001	10 24	42.6587096	-77.3783939	382.848	3776.30
1477	4142001	10 32	42.6524167	-77.3804919	374.851	3777.63
1478	4142001	10 41	42.6466997	-77.3831743	342.678	3783.59
1479	4142001	10 48	42.6399909	-77.3863288	312.741	3788.57
1480	4142001	10 57	42.6305655	-77.3922904	224.621	3804.00
1481	4142001	11 4	42.6356476	-77.3861769	222.557	3804.61
1482	4142001	11 11	42.6411044	-77.3804107	217.824	3805.64
1483	4142001	11 22	42.6480352	-77.3732459	216.100	3806.55
1484	4142001	11 29	42.6536216	-77.3708769	247.025	3801.14
1485	4142001	11 46	42.6613871	-77.3709256	320.369	3788.16
1486	4142001	12 4	42.6624948	-77.3825883	429.184	3768.39
1487	4142001	12 17	42.6628976	-77.3899439	455.655	3763.84
1488	4142001	12 29	42.6606520	-77.4006092	488.669	3757.67
1489	4142001	12 53	42.6587062	-77.4087149	457.172	3763.76
9030	4142001	13 32	42.8728171	-77.2442355	220.412	3829.65
9030	4152001	8 53	42.8728171	-77.2442355	220.412	3829.68
1490	4152001	9 44	42.6355087	-77.4141758	432.305	3767.28
1491	4152001	9 56	42.6286602	-77.4123976	422.769	3768.68
1492	4152001	10 7	42.6207880	-77.4162162	358.669	3780.44
1493	4152001	10 18	42.6162797	-77.4141931	308.497	3788.75
1494	4152001	10 30	42.6150767	-77.4040663	247.698	3797.63
1495	4152001	10 41	42.6188140	-77.4002103	239.611	3799.10
1496	4152001	10 58	42.6257005	-77.3953882	226.915	3802.52
1497	4152001	11 17	42.6259794	-77.3871080	218.161	3803.46
1498	4152001	11 29	42.6288229	-77.3754261	216.874	3804.86
1499	4152001	11 45	42.6344869	-77.3685536	225.660	3804.05
1500	4152001	11 57	42.6401660	-77.3700482	211.267	3805.03
1501	4152001	12 34	42.6072877	-77.4090712	248.760	3797.46
1502	4152001	12 45	42.6029858	-77.4178495	263.819	3794.27
1503	4152001	13 3	42.6112132	-77.4353241	341.456	3781.33
1504	4152001	13 18	42.6058367	-77.4357426	309.804	3787.02
1505	4152001	13 27	42.6019381	-77.4423581	330.102	3783.56
1506	4152001	13 42	42.5952673	-77.4503706	340.316	3780.88
1507	4152001	13 52	42.5924577	-77.4581155	369.959	3775.10
1508	4152001	14 10	42.5842807	-77.4603958	412.565	3763.56
1509	4152001	14 19	42.5774851	-77.4600884	420.102	3760.83
1510	4152001	14 26	42.5721506	-77.4588593	416.307	3762.12
1511	4152001	14 40	42.5565150	-77.5057879	404.762	3763.19
1512	4152001	14 46	42.5508685	-77.5055966	405.117	3763.44
1513	4152001	14 54	42.5496438	-77.5142220	404.752	3763.59
1514	4152001	15 2	42.5446893	-77.5166062	428.177	3758.42
1515	4152001	15 15	42.5401268	-77.5133428	443.004	3755.25
1516	4152001	15 26	42.5339512	-77.5131195	445.285	3755.30
1517	4152001	15 36	42.5224091	-77.5104265	433.738	3757.38
1518	4152001	15 42	42.5169161	-77.5113063	422.250	3759.27
1519	4152001	15 49	42.5114738	-77.5140448	415.293	3760.06
1520	4152001	16 10	42.5971742	-77.5706725	504.796	3749.87

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STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
1626	4182001	15 0	42.6422511	-77.0292021	275.570	3804.59
1627	4182001	15 7	42.6346387	-77.0287504	287.049	3801.86
1628	4182001	15 13	42.6265305	-77.0282578	306.158	3797.77
1629	4182001	15 19	42.6256789	-77.0393005	300.999	3797.89
1630	4182001	15 27	42.6304999	-77.0197481	308.705	3798.02
1631	4182001	15 33	42.6331487	-77.0112050	304.316	3799.48
1632	4182001	15 39	42.6338215	-77.0018957	286.758	3803.28
1633	4182001	15 48	42.6175301	-77.0277419	326.376	3793.30
1634	4182001	15 54	42.6108023	-77.0273602	332.453	3791.73
1635	4182001	16 1	42.6034751	-77.0269792	365.575	3784.89
1636	4182001	16 7	42.5964994	-77.0264976	383.043	3781.18
1637	4182001	16 14	42.5904755	-77.0261414	392.899	3778.87
1638	4182001	16 26	42.5844551	-77.0256776	400.612	3777.00
1639	4182001	16 47	42.6043927	-77.0035888	344.612	3789.79
1640	4182001	16 53	42.5968788	-77.0030709	360.952	3786.10
1641	4182001	17 0	42.5892665	-77.0024981	367.370	3784.35
1642	4182001	17 8	42.5825499	-77.0021756	380.082	3781.40
1643	4182001	17 13	42.5770786	-77.0044800	385.048	3780.18
1644	4182001	17 19	42.5702083	-77.0092210	348.879	3786.62
1645	4182001	17 27	42.5803285	-77.0141317	379.319	3781.23
1646	4182001	17 35	42.5623658	-77.0090132	339.547	3787.92
1647	4182001	17 47	42.5545780	-77.0087098	336.935	3788.13
1648	4182001	17 59	42.5477865	-77.0063587	340.819	3787.27
1649	4182001	18 5	42.5406559	-77.0031423	340.965	3786.93
1650	4182001	18 11	42.5339277	-77.0019643	330.204	3788.63
1651	4182001	18 20	42.5335227	-77.0088869	365.393	3781.72
1652	4182001	18 26	42.5332860	-77.0181900	412.229	3772.44
9030	4182001	19 36	42.8728171	-77.2442355	220.412	3829.73
9030	4202001	8 46	42.8728171	-77.2442355	220.412	3829.74
1653	4202001	9 30	42.6606579	-77.3320323	226.497	3804.29
1654	4202001	9 38	42.6546711	-77.3306519	219.797	3805.99
1655	4202001	9 45	42.6567536	-77.3208722	222.527	3805.57
1656	4202001	9 52	42.6597224	-77.3121496	221.941	3805.94
1657	4202001	10 1	42.6597959	-77.3038399	306.901	3791.23
1658	4202001	10 28	42.6577708	-77.2945662	380.063	3778.08
1659	4202001	10 39	42.6499160	-77.2800493	382.013	3777.07
1660	4202001	10 52	42.6449581	-77.2758272	286.624	3793.34
1661	4202001	10 59	42.6511384	-77.2715360	282.240	3795.07
1662	4202001	11 7	42.6548212	-77.2639459	284.754	3794.39
1663	4202001	11 18	42.6613359	-77.2572858	280.220	3796.39
1664	4202001	11 27	42.6665018	-77.2531269	278.853	3797.19
1665	4202001	11 36	42.6726352	-77.2456627	280.901	3798.31
1666	4202001	11 50	42.6891863	-77.2332692	286.298	3799.39
1667	4202001	12 3	42.6835312	-77.2308433	278.613	3800.60
1668	4202001	12 19	42.6810482	-77.2200714	344.890	3788.72
1669	4202001	12 29	42.6766790	-77.2240698	378.756	3781.86
1670	4202001	12 49	42.6704243	-77.2240802	451.095	3767.34
1654	4202001	13 34	42.6546711	-77.3306519	219.797	3805.97
1671	4202001	14 10	42.5156006	-77.5235630	432.183	3757.44
1672	4202001	14 21	42.5158071	-77.5315602	449.582	3753.87
1673	4202001	14 28	42.5190084	-77.5400097	454.729	3752.97
1674	4202001	14 34	42.5261768	-77.5479756	465.108	3751.20
1675	4202001	14 41	42.5317223	-77.5499800	472.170	3750.23
1676	4202001	14 47	42.5378798	-77.5499323	464.627	3752.38
1677	4202001	14 53	42.5376506	-77.5608197	452.234	3754.74
1678	4202001	15 1	42.5408215	-77.5690242	457.496	3753.96
1679	4202001	15 7	42.5421742	-77.5766760	448.774	3755.42
1680	4202001	15 13	42.5423931	-77.5857204	417.729	3761.35
1543	4202001	15 20	42.5457501	-77.5939984	414.689	3761.74
9030	4202001	20 37	42.8728171	-77.2442355	220.412	3829.74

Speculative Survey

Northwestern New York State

GRAVITY METER G-762

STATION	DATE MMDDYYYY	TIME HH MM	LATITUDE DEGREES	LONGITUDE DEGREES	ELEVATION IN metr	METER READING
9030	4212001	9 26	42.8728171	-77.2442355	220.412	3829.71
1101	4212001	9 45	42.9191545	-77.3077102	244.472	3826.82
1686	4212001	14 9	42.9525156	-77.2771556	199.696	3838.50
9030	4212001	16 9	42.8728171	-77.2442355	220.412	3829.73
9030	4222001	6 19	42.8728171	-77.2442355	220.412	3829.74
1770	4222001	16 53	42.3707539	-77.3681689	346.871	3764.63
1768	4222001	16 59	42.3679426	-77.3766393	348.485	3764.23
9030	4222001	18 20	42.8728171	-77.2442355	220.412	3829.66
9030	4232001	10 9	42.8728171	-77.2442355	220.412	3829.51
1139	4232001	10 39	42.9120597	-77.3622003	257.926	3822.54
9030	4232001	17 1	42.8728171	-77.2442355	220.412	3829.48
9030	4242001	8 27	42.8728171	-77.2442355	220.412	3829.48
1073	4242001	14 20	42.9144510	-77.1192244	248.456	3829.29
9030	4242001	15 59	42.8728171	-77.2442355	220.412	3829.36

APPENDIX D

Final Processed Data

-- PRINCIPAL FACTS --
EDCON GRAVITY SURVEY

PAGE 1

Speculative Survey
Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

TERRAIN CORR. DENSITY: 2.67

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY @ 2.50	DENS 2.67
1001	42.9246428	-77.0129688	335718.7	4754197.5	156.75	0.025	0.001	980349.54	-33.49	-49.24	-49.90	-51.01
1002	42.9187944	-77.0128404	335713.7	4753547.7	167.00	0.011	0.001	980346.96	-32.38	-49.18	-49.88	-51.06
1003	42.9101563	-77.0125904	335711.1	4752588.0	171.45	0.016	0.001	980345.29	-31.89	-49.13	-49.85	-51.07
1004	42.9047790	-77.0124206	335710.7	4751990.5	172.56	0.017	0.000	980344.51	-31.85	-49.20	-49.92	-51.15
1005	42.8966667	-77.0121957	335707.5	4751089.2	181.06	0.033	0.001	980341.96	-31.04	-49.23	-49.99	-51.28
1006	42.8890221	-77.0118817	335712.9	4750239.7	181.81	0.044	0.000	980341.36	-30.72	-48.98	-49.74	-51.03
1007	42.8816086	-77.0117978	335700.0	4749416.2	188.98	0.047	0.000	980339.46	-29.73	-48.71	-49.50	-50.84
1008	42.8754701	-77.0111003	335740.7	4748733.2	182.55	0.045	0.001	980340.22	-30.41	-48.74	-49.50	-50.80
1009	42.8684945	-77.0111843	335715.3	4747958.7	185.19	0.052	0.000	980338.91	-30.27	-48.86	-49.63	-50.95
1010	42.8609490	-77.0110773	335704.1	4747120.6	196.41	0.101	0.003	980335.90	-29.14	-48.81	-49.63	-51.03
1011	42.8547915	-77.0108710	335704.6	4746436.4	218.96	0.124	0.004	980330.32	-27.21	-49.13	-50.05	-51.60
1012	42.8482571	-77.0109463	335681.1	4745710.9	216.35	0.094	0.005	980330.28	-27.46	-49.15	-50.05	-51.58
1013	42.8413189	-77.0103367	335712.5	4744939.2	218.89	0.108	0.006	980328.79	-27.55	-49.47	-50.38	-51.94
1014	42.8336946	-77.0096710	335746.7	4744091.3	214.72	0.076	0.008	980329.08	-27.85	-49.38	-50.28	-51.80
1015	42.8262162	-77.0097132	335723.5	4743260.9	214.27	0.080	0.009	980328.29	-28.10	-49.58	-50.48	-52.00
1016	42.8186635	-77.0090625	335756.7	4742420.9	210.00	0.098	0.009	980328.30	-28.73	-49.76	-50.64	-52.13
1017	42.8116708	-77.0084171	335790.9	4741643.1	215.63	0.074	0.015	980326.44	-28.22	-49.84	-50.74	-52.28
1018	42.8035064	-77.0079484	335807.6	4740735.5	217.43	0.080	0.017	980324.94	-28.43	-50.23	-51.13	-52.67
1019	42.7974608	-77.0075552	335823.8	4740063.4	211.68	0.093	0.017	980325.60	-29.00	-50.21	-51.08	-52.58
1020	42.7900196	-77.0069121	335856.7	4739235.8	215.53	0.109	0.019	980323.93	-28.81	-50.38	-51.28	-52.81
1021	42.8107406	-77.0181016	334996.6	4741558.7	225.40	0.079	0.010	980324.54	-27.02	-49.62	-50.56	-52.16
1022	42.8106932	-77.0262250	334332.3	4741569.4	239.16	0.080	0.009	980321.78	-25.53	-49.51	-50.51	-52.21
1023	42.8106786	-77.0338992	333704.8	4741582.9	252.27	0.090	0.008	980319.13	-24.14	-49.43	-50.49	-52.28
1024	42.8034627	-77.0330708	333753.2	4740779.9	254.81	0.095	0.010	980317.73	-24.10	-49.65	-50.71	-52.52
1025	42.7960905	-77.0328034	333755.3	4739960.7	254.75	0.088	0.010	980316.67	-24.52	-50.07	-51.13	-52.94
1026	42.7875567	-77.0325139	333756.1	4739012.5	259.82	0.110	0.010	980314.89	-23.97	-50.01	-51.09	-52.94
1027	42.7900253	-77.0399931	333151.0	4739301.4	263.98	0.092	0.011	980314.30	-23.49	-49.96	-51.06	-52.94
1028	42.7967773	-77.0462141	332660.4	4740063.5	265.42	0.085	0.006	980314.74	-23.21	-49.83	-50.94	-52.83
1029	42.8019354	-77.0508384	332296.1	4740645.5	265.30	0.083	0.004	980315.19	-23.26	-49.88	-50.99	-52.88
1030	42.8100046	-77.0528770	332151.2	4741545.7	261.90	0.080	0.003	980316.83	-23.40	-49.68	-50.78	-52.64
1031	42.8105435	-77.0438234	332892.9	4741587.5	252.68	0.075	0.007	980318.78	-24.35	-49.70	-50.76	-52.55
1032	42.8182430	-77.0368514	333483.7	4742428.7	252.12	0.092	0.007	980319.88	-24.12	-49.40	-50.45	-52.24
1033	42.8245171	-77.0396054	333275.4	4743130.9	250.04	0.092	0.006	980320.89	-24.31	-49.38	-50.42	-52.20
1034	42.8308564	-77.0366517	333533.9	4743829.0	231.39	0.075	0.003	980325.49	-26.04	-49.26	-50.22	-51.87
1035	42.8389654	-77.0380273	333443.2	4744732.3	242.96	0.088	0.004	980324.19	-24.50	-48.87	-49.89	-51.61

-- PRINCIPAL FACTS --
EDCON GRAVITY SURVEY

PAGE 2

Speculative Survey
Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

TERRAIN CORR. DENSITY: 2.67

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1036	42.8469327	-77.0365242	333587.4	4745614.0	235.59	0.066	0.003	980326.82	-24.86	-48.51	-49.49	-51.17	
1037	42.8533691	-77.0388337	333416.0	4746333.4	236.62	0.068	0.002	980327.15	-24.80	-48.55	-49.54	-51.22	
1038	42.8598688	-77.0391492	333407.7	4747055.8	227.43	0.066	0.002	980329.77	-25.60	-48.43	-49.38	-51.00	
1039	42.8671993	-77.0400050	333357.5	4747871.5	224.96	0.058	0.002	980330.81	-25.98	-48.57	-49.51	-51.11	
1040	42.8729627	-77.0410648	333286.5	4748513.6	227.30	0.065	0.001	980330.75	-25.84	-48.65	-49.61	-51.22	
1041	42.8796939	-77.0424436	333192.0	4749263.9	220.74	0.057	0.002	980332.40	-26.82	-48.98	-49.91	-51.47	
1042	42.8865129	-77.0454796	332962.4	4750027.2	228.12	0.074	0.000	980331.44	-26.13	-49.02	-49.97	-51.59	
1043	42.8905145	-77.0494099	332652.3	4750479.3	220.50	0.058	0.001	980333.44	-26.84	-48.98	-49.90	-51.47	
1044	42.8965353	-77.0538402	332306.8	4751156.8	220.43	0.059	0.000	980334.00	-26.84	-48.97	-49.89	-51.46	
1045	42.9028106	-77.0573310	332038.9	4751860.6	223.63	0.082	0.000	980334.27	-26.15	-48.58	-49.51	-51.10	
1046	42.9100336	-77.0608617	331770.2	4752669.8	219.59	0.072	0.000	980335.76	-26.56	-48.59	-49.51	-51.07	
1047	42.9168862	-77.0631787	331599.8	4753435.4	224.99	0.126	0.000	980335.29	-25.97	-48.50	-49.44	-51.03	
1048	42.9165540	-77.0437514	333184.6	4753359.8	194.80	0.035	0.000	980341.72	-28.84	-48.41	-49.23	-50.61	
1049	42.9098181	-77.0422137	333292.0	4752608.7	196.15	0.032	0.000	980340.54	-28.99	-48.70	-49.52	-50.92	
1050	42.9035138	-77.0428368	333224.1	4751909.9	204.51	0.044	0.000	980338.12	-28.26	-48.80	-49.66	-51.11	
1051	42.8956783	-77.0444894	333068.0	4751043.0	221.85	0.107	0.000	980333.63	-26.70	-48.93	-49.86	-51.43	
1052	42.8895662	-77.0420331	333252.1	4750359.4	219.97	0.061	0.001	980333.38	-26.97	-49.05	-49.97	-51.54	
1053	42.8863815	-77.0365949	333687.7	4749995.0	221.36	0.075	0.001	980332.75	-26.89	-49.10	-50.02	-51.60	
1054	42.8804883	-77.0328099	333980.9	4749333.1	219.77	0.096	0.002	980332.80	-26.80	-48.83	-49.75	-51.31	
1055	42.8790817	-77.0225657	334813.9	4749156.7	206.21	0.060	0.002	980335.58	-28.07	-48.77	-49.63	-51.10	
1056	42.9161610	-77.0934428	329127.5	4753415.9	220.01	0.055	0.001	980335.49	-27.25	-49.34	-50.26	-51.82	
1057	42.9084909	-77.0941088	329051.9	4752565.5	224.07	0.069	0.000	980334.03	-26.77	-49.26	-50.19	-51.79	
1058	42.9028490	-77.0901880	329356.4	4751931.0	238.65	0.074	0.000	980330.61	-25.17	-49.12	-50.12	-51.81	
1059	42.8970833	-77.0846541	329792.4	4751279.5	237.94	0.082	0.000	980330.43	-25.05	-48.92	-49.92	-51.61	
1060	42.8906480	-77.0805914	330106.4	4750556.7	241.18	0.099	0.000	980329.35	-24.55	-48.73	-49.74	-51.45	
1061	42.8843445	-77.0783770	330269.9	4749852.2	242.08	0.060	0.000	980328.72	-24.34	-48.65	-49.66	-51.38	
1062	42.8773113	-77.0776608	330309.2	4749069.7	250.56	0.084	0.000	980326.23	-23.58	-48.72	-49.77	-51.55	
1063	42.8720852	-77.0723234	330730.8	4748478.6	247.32	0.083	0.001	980326.33	-24.00	-48.81	-49.85	-51.60	
1064	42.8669011	-77.0715190	330782.3	4747901.3	252.12	0.070	0.001	980325.37	-23.01	-48.32	-49.37	-51.16	
1065	42.8863822	-77.0576472	331968.4	4750036.9	227.83	0.053	0.001	980331.62	-26.02	-48.90	-49.85	-51.47	
1066	42.8861932	-77.0698429	330972.0	4750040.3	235.43	0.054	0.001	980330.22	-25.06	-48.70	-49.69	-51.36	
1067	42.8859695	-77.0918249	329176.2	4750059.8	237.65	0.051	0.000	980329.55	-25.02	-48.89	-49.88	-51.57	
1068	42.8887657	-77.1001668	328502.7	4750387.3	229.53	0.089	0.000	980331.12	-26.21	-49.23	-50.19	-51.82	
1069	42.8932460	-77.1052543	328099.7	4750895.3	238.98	0.061	0.000	980329.75	-25.06	-49.05	-50.05	-51.75	
1070	42.8977005	-77.1140503	327393.9	4751407.9	241.36	0.078	0.000	980329.28	-25.21	-49.43	-50.44	-52.15	

-- PRINCIPAL FACTS --
EDCON GRAVITY SURVEY

Speculative Survey
Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

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BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1071	42.9022976	-77.1191815	326987.8	4751929.0	246.77	0.109	0.000	980328.48	-24.75	-49.48	-50.52	-52.27	
1072	42.9085924	-77.1191475	327008.1	4752628.0	245.37	0.080	0.000	980329.33	-24.90	-49.52	-50.55	-52.29	
1073	42.9144510	-77.1192244	327018.3	4753278.7	248.46	0.108	0.000	980329.09	-24.71	-49.62	-50.65	-52.42	
1074	42.9199126	-77.1141986	327443.7	4753874.9	221.84	0.091	0.000	980334.94	-27.58	-49.82	-50.75	-52.32	
1075	42.8932125	-77.1168725	327150.9	4750915.3	264.75	0.119	0.000	980324.36	-22.50	-49.04	-50.14	-52.02	
1076	42.8862564	-77.1144148	327332.2	4750137.8	258.25	0.080	0.000	980325.23	-23.01	-48.93	-50.01	-51.84	
1077	42.8787514	-77.1139414	327349.9	4749303.4	265.99	0.089	0.000	980323.01	-22.16	-48.85	-49.96	-51.85	
1078	42.8717504	-77.1145809	327278.1	4748527.3	278.37	0.208	0.000	980319.81	-20.91	-48.74	-49.89	-51.87	
1079	42.8648472	-77.1124490	327433.0	4747756.3	270.22	0.128	0.000	980321.29	-21.32	-48.40	-49.53	-51.44	
1080	42.8671540	-77.1605307	323511.6	4748112.1	263.79	0.071	0.001	980321.15	-23.66	-50.14	-51.24	-53.12	
1081	42.8760026	-77.1607803	323516.5	4749095.3	260.74	0.074	0.001	980322.24	-24.30	-50.47	-51.56	-53.42	
1082	42.8827834	-77.1609450	323522.4	4749848.7	271.18	0.091	0.000	980320.71	-23.23	-50.44	-51.57	-53.50	
1083	42.8908502	-77.1611300	323530.3	4750744.9	274.26	0.117	0.000	980320.64	-23.08	-50.57	-51.72	-53.67	
1084	42.8972980	-77.1612639	323537.7	4751461.2	272.66	0.161	0.000	980320.96	-23.83	-51.12	-52.26	-54.19	
1085	42.9014312	-77.1685945	322951.0	4751935.6	243.85	0.082	0.000	980327.62	-26.43	-50.89	-51.91	-53.65	
1086	42.9094439	-77.1682427	323002.7	4752824.7	250.43	0.079	0.000	980326.80	-25.95	-51.08	-52.13	-53.91	
1087	42.9176581	-77.1692001	322948.0	4753738.9	242.28	0.076	0.000	980328.83	-27.17	-51.48	-52.50	-54.22	
1088	42.9011229	-77.1551076	324051.3	4751873.0	264.49	0.091	0.000	980323.32	-24.33	-50.86	-51.97	-53.85	
1089	42.9012410	-77.1448134	324892.1	4751864.7	270.41	0.110	0.000	980322.66	-23.18	-50.29	-51.42	-53.34	
1090	42.9006029	-77.1345181	325730.8	4751772.4	261.02	0.090	0.000	980325.13	-23.55	-49.74	-50.83	-52.68	
1091	42.9007334	-77.1254564	326471.1	4751768.2	253.62	0.079	0.000	980326.90	-24.08	-49.53	-50.59	-52.39	
1092	42.9009864	-77.1783282	322155.0	4751906.7	252.02	0.069	0.000	980325.79	-25.70	-51.00	-52.05	-53.85	
1093	42.9009129	-77.1878470	321377.6	4751918.7	247.61	0.073	0.001	980326.61	-26.24	-51.09	-52.13	-53.89	
1094	42.9008480	-77.1996793	320411.4	4751936.7	250.99	0.081	0.000	980325.74	-26.06	-51.24	-52.29	-54.08	
1095	42.9008010	-77.2085151	319689.8	4751950.4	229.40	0.062	0.001	980329.78	-28.67	-51.70	-52.66	-54.29	
1096	42.9007872	-77.2180967	318907.5	4751969.4	230.18	0.050	0.000	980329.43	-28.78	-51.90	-52.86	-54.50	
1097	42.9008832	-77.2283759	318068.5	4752002.3	226.63	0.050	0.000	980330.19	-29.13	-51.89	-52.84	-54.45	
1098	42.9082825	-77.2285074	318079.6	4752824.3	217.66	0.047	0.000	980332.27	-30.48	-52.34	-53.25	-54.80	
1099	42.9149900	-77.2286912	318084.3	4753569.5	220.06	0.041	0.001	980332.59	-30.03	-52.14	-53.06	-54.62	
1100	42.9199653	-77.2371768	317406.3	4754140.4	220.44	0.038	0.000	980332.48	-30.47	-52.62	-53.54	-55.11	
1101	42.9191545	-77.3077102	311646.8	4754206.0	244.47	0.067	0.001	980326.18	-29.28	-53.82	-54.84	-56.58	
1102	42.9127200	-77.3015468	312130.4	4753477.6	236.66	0.053	0.001	980327.11	-30.18	-53.95	-54.94	-56.62	
1103	42.9066163	-77.2959355	312569.9	4752787.3	238.88	0.056	0.001	980326.11	-29.94	-53.93	-54.93	-56.63	
1104	42.9005885	-77.2910375	312951.5	4752107.0	251.88	0.094	0.000	980323.52	-27.98	-53.24	-54.29	-56.08	
1105	42.8942893	-77.2865182	313301.5	4751397.4	245.63	0.098	0.001	980324.20	-28.66	-53.29	-54.32	-56.06	

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DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
1106	42.8882193	-77.2823412	313624.3	4750714.1	229.06	0.095	0.001	980326.84	-30.58	-53.54	-54.50	-56.13
1107	42.8828911	-77.2785522	313917.7	4750114.0	214.96	0.080	0.000	980329.20	-32.09	-53.65	-54.55	-56.07
1108	42.8761978	-77.2736508	314297.9	4749359.8	214.89	0.080	0.002	980329.04	-31.68	-53.23	-54.13	-55.66
1109	42.8750542	-77.2649996	315001.1	4749213.8	211.25	0.067	0.002	980330.00	-31.74	-52.94	-53.82	-55.32
1110	42.8729898	-77.2561636	315716.7	4748965.2	211.99	0.066	0.139	980330.27	-31.05	-52.20	-53.09	-54.58
1111	42.8720748	-77.2461528	316531.7	4748841.7	220.20	0.076	0.002	980328.89	-29.81	-51.90	-52.82	-54.39
1112	42.8688530	-77.2317016	317702.7	4748452.5	246.00	0.100	0.001	980324.18	-26.27	-50.94	-51.96	-53.71
1113	42.8750729	-77.2279137	318030.4	4749135.0	235.15	0.072	0.001	980326.52	-27.84	-51.44	-52.42	-54.09
1114	42.8810640	-77.2279755	318042.9	4749800.5	244.27	0.063	0.000	980325.12	-26.97	-51.49	-52.52	-54.25
1115	42.8883702	-77.2282415	318042.7	4750612.4	236.56	0.051	0.000	980327.09	-28.03	-51.79	-52.78	-54.46
1116	42.8948712	-77.2282877	318058.0	4751334.4	232.94	0.047	0.000	980328.41	-28.42	-51.82	-52.79	-54.45
1117	42.9010310	-77.2386177	317232.8	4752040.9	234.91	0.181	0.001	980327.98	-28.79	-52.27	-53.24	-54.91
1118	42.9014065	-77.2476902	316493.1	4752102.3	211.13	0.055	0.000	980332.21	-31.94	-53.14	-54.02	-55.52
1119	42.8980259	-77.2560039	315804.3	4751745.1	218.30	0.053	0.001	980330.35	-31.28	-53.20	-54.11	-55.67
1120	42.8942287	-77.2654227	315023.9	4751344.1	214.00	0.098	0.000	980330.70	-31.91	-53.36	-54.25	-55.77
1121	42.8910135	-77.2736119	314345.5	4751005.1	222.69	0.072	0.000	980328.84	-30.81	-53.15	-54.09	-55.67
1122	42.8652277	-77.2510677	316109.9	4748092.0	213.38	0.096	0.003	980330.01	-30.18	-51.57	-52.46	-53.97
1123	42.8593270	-77.2413976	316882.4	4747415.7	264.32	0.192	0.009	980320.71	-23.23	-49.65	-50.75	-52.62
1124	42.8531767	-77.2380334	317139.1	4746725.4	280.26	0.168	0.013	980317.83	-20.64	-48.68	-49.85	-51.84
1125	42.8470398	-77.2343973	317418.2	4746036.0	279.21	0.130	0.012	980317.98	-20.25	-48.22	-49.39	-51.37
1126	42.8398223	-77.2307658	317693.7	4745226.6	274.73	0.107	0.011	980318.37	-20.59	-48.13	-49.28	-51.23
1127	42.8341283	-77.2305713	317692.8	4744593.8	275.32	0.116	0.011	980317.54	-20.72	-48.31	-49.46	-51.42
1128	42.8813465	-77.2885717	313094.7	4749964.6	227.76	0.157	0.002	980326.41	-30.79	-53.57	-54.52	-56.13
1129	42.8775631	-77.2960952	312468.8	4749561.2	252.39	0.141	0.002	980320.87	-28.40	-53.67	-54.72	-56.51
1130	42.8738847	-77.3052993	311705.9	4749173.3	277.87	0.171	0.003	980315.63	-25.43	-53.24	-54.40	-56.37
1131	42.8729883	-77.3175533	310702.2	4749101.2	307.48	0.212	0.003	980309.62	-22.23	-52.98	-54.26	-56.44
1132	42.8719961	-77.3253960	310058.5	4749008.7	298.49	0.151	0.003	980311.37	-23.17	-53.07	-54.32	-56.44
1133	42.8735544	-77.3326019	309474.7	4749198.1	306.97	0.208	0.003	980309.52	-22.54	-53.24	-54.52	-56.70
1134	42.8803883	-77.3373278	309109.8	4749967.7	298.50	0.175	0.002	980311.82	-23.47	-53.35	-54.60	-56.71
1135	42.8866954	-77.3418675	308758.5	4750678.4	270.54	0.122	0.000	980317.74	-26.75	-53.86	-54.99	-56.91
1136	42.8931947	-77.3464672	308403.0	4751410.6	261.98	0.096	0.000	980319.97	-27.74	-54.02	-55.11	-56.97
1137	42.8999516	-77.3512299	308035.0	4752171.9	262.99	0.132	0.000	980320.27	-27.74	-54.09	-55.18	-57.05
1138	42.9068352	-77.3561225	307657.0	4752947.5	247.68	0.089	0.000	980324.00	-29.36	-54.20	-55.24	-57.00
1139	42.9120597	-77.3622003	307177.1	4753541.6	257.93	0.105	0.001	980322.10	-28.57	-54.43	-55.51	-57.34
1140	42.9190977	-77.3620121	307214.4	4754322.7	242.40	0.073	0.000	980325.69	-30.41	-54.74	-55.75	-57.47

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BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1141	42.9227952	-77.3767443	306023.5	4754767.2	235.84	0.091	0.000	980325.85	-32.60	-56.25	-57.24	-58.91	
1142	42.9175619	-77.3704239	306523.0	4754171.5	243.35	0.078	0.000	980324.94	-30.72	-55.14	-56.16	-57.89	
1143	42.9113118	-77.3706637	306483.9	4753478.0	247.53	0.075	0.000	980323.81	-30.00	-54.84	-55.88	-57.64	
1144	42.9042228	-77.3706945	306459.2	4752690.8	258.29	0.123	0.000	980321.06	-28.79	-54.67	-55.75	-57.58	
1145	42.8963459	-77.3663715	306787.5	4751806.1	265.18	0.138	0.001	980319.36	-27.65	-54.21	-55.32	-57.20	
1146	42.8902900	-77.3634026	307011.0	4751126.8	268.27	0.096	0.001	980318.55	-26.96	-53.87	-54.99	-56.90	
1147	42.8823139	-77.3589419	307350.5	4750230.8	289.78	0.175	0.000	980313.57	-24.59	-53.59	-54.80	-56.86	
1148	42.8794746	-77.3534147	307793.0	4749902.8	272.94	0.149	0.001	980316.65	-26.45	-53.78	-54.92	-56.86	
1149	42.8714338	-77.3506802	307991.4	4749003.6	298.86	0.165	0.002	980310.93	-23.44	-53.37	-54.61	-56.73	
1150	42.8660931	-77.3524120	307833.4	4748414.5	310.15	0.237	0.002	980308.24	-22.17	-53.17	-54.46	-56.65	
1151	42.8596048	-77.3488378	308105.3	4747685.8	317.24	0.181	0.002	980306.47	-21.17	-52.93	-54.25	-56.50	
1152	42.8640379	-77.3429540	308599.7	4748164.7	318.37	0.178	0.002	980306.36	-21.33	-53.21	-54.54	-56.79	
1153	42.8694010	-77.3350536	309261.7	4748742.4	306.73	0.163	0.003	980309.38	-22.38	-53.10	-54.38	-56.56	
1154	42.8642941	-77.3261377	309974.3	4748155.1	307.57	0.201	0.003	980309.00	-22.04	-52.81	-54.09	-56.27	
1155	42.8589941	-77.3186079	310573.2	4747549.5	312.44	0.167	0.005	980307.78	-21.27	-52.56	-53.86	-56.08	
1156	42.8541831	-77.3141606	310921.9	4747005.3	317.64	0.218	0.007	980306.37	-20.65	-52.41	-53.73	-55.98	
1157	42.7545081	-77.1140642	326993.7	4735506.5	338.90	0.171	0.000	980296.86	-14.61	-48.56	-49.97	-52.38	
1158	42.7506507	-77.1116694	327179.0	4735073.3	336.75	0.165	0.001	980296.84	-14.94	-48.68	-50.08	-52.47	
1159	42.7459088	-77.1164594	326773.7	4734556.5	331.25	0.147	0.000	980297.34	-15.71	-48.91	-50.29	-52.65	
1160	42.7390443	-77.1215797	326335.5	4733804.7	335.99	0.155	0.000	980295.58	-15.39	-49.06	-50.46	-52.85	
1161	42.7325299	-77.1232654	326179.3	4733084.8	338.14	0.190	0.000	980294.37	-15.35	-49.21	-50.62	-53.02	
1162	42.7236198	-77.1215262	326296.8	4732091.8	319.10	0.186	0.000	980297.05	-17.74	-49.68	-51.02	-53.28	
1163	42.7173353	-77.1202901	326380.5	4731391.4	312.27	0.151	0.000	980297.39	-18.94	-50.23	-51.53	-53.75	
1164	42.7412100	-77.1443116	324480.8	4734092.3	314.99	0.255	0.000	980299.80	-17.84	-49.31	-50.62	-52.85	
1165	42.7336672	-77.1442407	324465.3	4733254.5	321.74	0.221	0.000	980297.41	-17.47	-49.65	-50.99	-53.27	
1166	42.7268354	-77.1441775	324451.2	4732495.7	338.94	0.254	0.000	980293.28	-15.68	-49.56	-50.97	-53.37	
1167	42.7190895	-77.1440601	324438.9	4731635.3	362.05	0.284	0.000	980287.87	-13.26	-49.44	-50.94	-53.51	
1168	42.7158921	-77.1360755	325083.8	4731263.7	374.11	0.336	0.000	980285.25	-11.87	-49.21	-50.77	-53.42	
1169	42.7167268	-77.1264125	325877.4	4731336.4	336.38	0.250	0.001	980292.65	-16.18	-49.81	-51.21	-53.59	
1170	42.7094871	-77.1328278	325331.8	4730545.7	347.55	0.313	0.000	980289.75	-14.98	-49.67	-51.12	-53.58	
1171	42.7001288	-77.1332042	325274.7	4729507.3	324.01	0.269	0.000	980293.47	-17.69	-50.05	-51.40	-53.69	
1172	42.6932342	-77.1331879	325256.7	4728741.6	312.40	0.259	0.000	980295.19	-18.93	-50.13	-51.43	-53.64	
1173	42.6873067	-77.1307327	325441.2	4728078.3	278.67	0.291	0.001	980301.08	-22.91	-50.69	-51.85	-53.82	
1174	42.6845616	-77.1173434	326530.5	4727745.9	330.82	0.230	0.000	980291.34	-16.31	-49.39	-50.77	-53.12	
1175	42.6825466	-77.1116450	326991.8	4727510.4	351.04	0.207	0.001	980287.30	-13.93	-49.07	-50.53	-53.02	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER	GRAVITY 2.40	GRAVITY 2.50	DENS 2.67
1176	42.6799159	-77.1036147	327642.5	4727201.9	368.99	0.244	0.001	980283.56	-11.89	-48.80	-50.34	-52.96	
1177	42.6772738	-77.0929938	328505.5	4726886.9	369.47	0.259	0.001	980283.34	-11.73	-48.68	-50.22	-52.83	
1178	42.6744043	-77.0832713	329294.3	4726548.5	352.44	0.322	0.002	980286.78	-13.28	-48.46	-49.92	-52.41	
1179	42.6723445	-77.0753258	329939.7	4726303.8	326.38	0.341	0.002	980291.86	-16.06	-48.60	-49.95	-52.26	
1180	42.6681536	-77.0670024	330610.4	4725821.7	271.13	0.422	0.002	980302.62	-21.97	-48.87	-50.00	-51.90	
1181	42.6717212	-77.0630600	330943.2	4726209.9	254.52	0.364	0.003	980306.17	-23.87	-49.16	-50.21	-52.00	
1182	42.6780259	-77.0656254	330750.1	4726915.2	299.04	0.423	0.003	980297.92	-18.95	-48.66	-49.90	-52.01	
1183	42.6839860	-77.0657826	330753.4	4727577.4	323.38	0.390	0.003	980293.56	-16.34	-48.53	-49.87	-52.15	
1184	42.6933266	-77.0658236	330775.4	4728614.7	338.91	0.340	0.006	980291.17	-14.77	-48.56	-49.97	-52.36	
1185	42.7009706	-77.0662632	330760.1	4729464.4	340.86	0.281	0.006	980291.42	-14.61	-48.65	-50.07	-52.48	
1186	42.7059745	-77.0660592	330790.4	4730019.7	335.98	0.251	0.005	980292.73	-15.26	-48.84	-50.24	-52.61	
1187	42.7135620	-77.0663419	330787.9	4730862.8	340.89	0.276	0.004	980292.29	-14.87	-48.93	-50.34	-52.76	
1188	42.7197216	-77.0668548	330762.7	4731547.8	333.55	0.195	0.007	980294.27	-15.71	-49.09	-50.48	-52.85	
1189	42.7291408	-77.0668137	330791.6	4732593.7	322.48	0.188	0.005	980297.24	-17.01	-49.29	-50.64	-52.91	
1190	42.7356584	-77.0670425	330790.6	4733318.0	328.92	0.270	0.007	980296.26	-16.58	-49.43	-50.80	-53.12	
1191	42.7539778	-77.0794015	329829.0	4735377.1	300.30	0.105	0.006	980304.02	-19.31	-49.42	-50.68	-52.81	
1192	42.7527890	-77.0906428	328905.8	4735267.9	302.99	0.097	0.002	980303.46	-18.93	-49.33	-50.60	-52.75	
1193	42.7562488	-77.0987844	328249.0	4735668.6	306.80	0.131	0.001	980303.25	-18.27	-49.03	-50.31	-52.49	
1194	42.7454076	-77.0904016	328905.2	4734447.7	300.82	0.100	0.003	980303.23	-19.17	-49.35	-50.61	-52.75	
1195	42.7382085	-77.0900824	328911.5	4733647.6	321.63	0.136	0.002	980298.09	-17.23	-49.47	-50.82	-53.10	
1196	42.7318050	-77.0897899	328917.8	4732935.9	321.07	0.132	0.003	980297.77	-17.15	-49.34	-50.68	-52.96	
1197	42.7240360	-77.0894464	328924.6	4732072.5	332.20	0.147	0.002	980294.90	-15.88	-49.18	-50.56	-52.92	
1198	42.7173106	-77.0892232	328924.4	4731325.2	340.40	0.173	0.001	980292.65	-15.00	-49.10	-50.52	-52.93	
1199	42.7083249	-77.0886394	328947.5	4730326.2	353.07	0.185	0.001	980289.33	-13.60	-48.96	-50.44	-52.94	
1200	42.7013990	-77.0882945	328956.7	4729556.4	358.71	0.203	0.000	980287.62	-12.94	-48.85	-50.35	-52.89	
1201	42.6948644	-77.0878838	328972.4	4728829.9	357.65	0.201	0.002	980287.29	-13.01	-48.82	-50.31	-52.85	
1202	42.6865304	-77.0877508	328960.5	4727904.2	366.89	0.247	0.002	980284.80	-11.90	-48.60	-50.13	-52.73	
1203	42.6822178	-77.0876470	328957.1	4727425.0	373.52	0.329	0.002	980283.04	-11.22	-48.51	-50.07	-52.71	
1204	42.6689166	-77.0878472	328904.2	4725948.4	383.15	0.433	0.003	980280.17	-9.92	-48.09	-49.68	-52.38	
1205	42.6693490	-77.0971125	328146.1	4726015.2	386.70	0.357	0.002	980279.26	-9.78	-48.37	-49.98	-52.71	
1206	42.6695651	-77.1075559	327290.9	4726060.5	381.86	0.301	0.002	980280.43	-10.12	-48.28	-49.87	-52.57	
1207	42.6695108	-77.1165415	326554.3	4726072.9	363.69	0.325	0.001	980283.88	-12.27	-48.58	-50.09	-52.66	
1208	42.6643321	-77.0588975	331264.3	4725381.1	230.18	0.243	0.001	980310.28	-26.60	-49.54	-50.50	-52.13	
1209	42.6608569	-77.0548701	331585.0	4724987.1	225.67	0.200	0.001	980311.30	-26.66	-49.19	-50.13	-51.72	
1210	42.6636053	-77.0464459	332282.8	4725275.6	232.59	0.159	0.003	980311.27	-24.81	-48.07	-49.04	-50.69	

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TERRAIN CORR. DENSITY: 2.67

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER	GRAVITY 2.40	GRAVITY 2.50	@ DENS 2.67
1211	42.6692185	-77.0398671	332837.1	4725885.9	256.00	0.113	0.005	980307.79	-21.57	-47.23	-48.30	-50.11	
1212	42.6711574	-77.0328515	333417.2	4726087.3	259.45	0.103	0.005	980307.65	-20.82	-46.84	-47.92	-49.75	
1213	42.6746545	-77.0202884	334456.0	4726451.0	267.58	0.116	0.010	980307.68	-18.59	-45.40	-46.52	-48.42	
1214	42.6774036	-77.0122367	335123.1	4726740.5	269.86	0.125	0.012	980307.73	-18.09	-45.12	-46.25	-48.17	
1215	42.6801776	-77.0038299	335819.2	4727032.2	265.71	0.162	0.015	980309.28	-18.07	-44.65	-45.76	-47.64	
1216	42.6840581	-77.0156746	334859.0	4727486.2	279.23	0.123	0.015	980306.04	-17.48	-45.46	-46.62	-48.60	
1217	42.6903333	-77.0159089	334856.4	4728183.5	280.20	0.135	0.016	980306.09	-17.70	-45.76	-46.93	-48.91	
1218	42.6964429	-77.0159399	334870.1	4728862.0	280.39	0.112	0.015	980306.09	-18.19	-46.29	-47.47	-49.46	
1219	42.7054945	-77.0160564	334884.5	4729867.4	275.42	0.098	0.016	980306.85	-19.79	-47.41	-48.56	-50.51	
1220	42.7122766	-77.0162149	334889.5	4730620.8	278.28	0.116	0.017	980306.42	-19.94	-47.83	-48.98	-50.96	
1221	42.7175687	-77.0162286	334902.4	4731208.5	285.43	0.175	0.023	980305.12	-19.52	-48.07	-49.26	-51.28	
1222	42.7245074	-77.0116973	335291.9	4731970.2	269.71	0.115	0.022	980308.88	-21.24	-48.26	-49.38	-51.30	
1223	42.7316967	-77.0109930	335368.5	4732767.2	271.66	0.143	0.025	980308.48	-21.68	-48.87	-50.00	-51.92	
1224	42.7333992	-77.0167448	334902.2	4732967.5	260.45	0.111	0.020	980310.56	-23.21	-49.30	-50.39	-52.24	
1225	42.7390974	-77.0163807	334947.1	4733599.5	255.13	0.107	0.018	980312.04	-23.89	-49.45	-50.51	-52.32	
1226	42.7374124	-77.0310175	333744.4	4733441.1	254.65	0.076	0.010	980311.61	-24.32	-49.87	-50.93	-52.74	
1227	42.7290726	-77.0308009	333739.9	4732514.6	249.08	0.080	0.011	980312.17	-24.72	-49.70	-50.74	-52.51	
1228	42.7229433	-77.0306279	333737.7	4731833.6	253.65	0.090	0.011	980310.82	-24.10	-49.53	-50.59	-52.40	
1229	42.7175598	-77.0280569	333933.8	4731230.7	261.74	0.087	0.012	980309.58	-22.36	-48.61	-49.70	-51.56	
1230	42.7092863	-77.0290815	333827.8	4730314.0	284.28	0.137	0.013	980304.40	-19.84	-48.31	-49.50	-51.52	
1231	42.7030352	-77.0294158	333783.8	4729620.5	291.48	0.162	0.012	980302.80	-18.66	-47.84	-49.05	-51.12	
1232	42.6957267	-77.0310410	333631.2	4728812.1	288.38	0.112	0.010	980303.48	-18.27	-47.18	-48.38	-50.43	
1233	42.6894935	-77.0303617	333670.2	4728118.6	289.96	0.127	0.008	980302.92	-17.78	-46.83	-48.05	-50.10	
1234	42.6815681	-77.0291827	333745.6	4727236.2	286.29	0.130	0.006	980303.45	-17.67	-46.35	-47.55	-49.58	
1235	42.6660301	-77.0316017	333505.9	4725515.5	246.88	0.109	0.007	980309.80	-22.08	-46.82	-47.85	-49.60	
1236	42.6695470	-77.0503891	331975.7	4725943.2	255.11	0.211	0.003	980307.08	-22.58	-48.06	-49.12	-50.93	
1237	42.6783575	-77.0505208	331988.6	4726921.9	256.06	0.191	0.005	980307.20	-22.96	-48.56	-49.62	-51.42	
1238	42.6844025	-77.0518890	331892.8	4727595.9	249.22	0.204	0.003	980308.38	-24.43	-49.33	-50.36	-52.13	
1239	42.6912149	-77.0526014	331852.8	4728353.8	255.82	0.231	0.005	980307.69	-23.70	-49.24	-50.30	-52.10	
1240	42.6970747	-77.0519107	331925.2	4729003.1	264.69	0.277	0.004	980306.45	-22.74	-49.13	-50.23	-52.10	
1241	42.7049190	-77.0493704	332154.5	4729869.1	268.76	0.213	0.005	980306.37	-22.27	-49.12	-50.24	-52.15	
1242	42.7134940	-77.0494575	332170.4	4730821.5	286.09	0.256	0.008	980303.40	-20.66	-49.21	-50.40	-52.42	
1243	42.7174858	-77.0540587	331804.4	4731274.0	311.61	0.244	0.009	980298.47	-18.08	-49.21	-50.51	-52.71	
1244	42.7229803	-77.0564659	331622.2	4731888.9	309.63	0.216	0.006	980299.27	-18.38	-49.33	-50.62	-52.82	
1245	42.7304904	-77.0566717	331625.6	4732723.3	297.48	0.145	0.007	980302.24	-19.84	-49.64	-50.88	-52.99	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1246	42.7379036	-77.0569182	331625.5	4733547.0	295.76	0.129	0.006	980303.13	-20.15	-49.79	-51.02	-53.12	
1247	42.7600064	-77.0473100	332471.6	4735982.4	262.62	0.075	0.010	980311.22	-24.28	-50.63	-51.73	-53.60	
1248	42.6622375	-77.1170229	326494.7	4725266.2	384.83	0.350	0.001	980279.26	-9.71	-48.12	-49.72	-52.44	
1249	42.6552259	-77.1157514	326579.4	4724485.0	408.09	0.463	0.004	980274.25	-6.91	-47.56	-49.25	-52.13	
1250	42.6478246	-77.1131572	326771.5	4723657.8	416.38	0.535	0.005	980271.95	-5.98	-47.40	-49.12	-52.06	
1251	42.6412378	-77.1105190	326969.5	4722920.9	403.69	0.558	0.006	980273.92	-7.34	-47.45	-49.12	-51.97	
1252	42.6401437	-77.1488048	323827.4	4722878.5	325.74	0.491	0.002	980288.62	-16.60	-48.94	-50.29	-52.58	
1253	42.6484153	-77.1447705	324181.5	4723788.6	327.49	0.353	0.002	980289.10	-16.32	-48.96	-50.32	-52.63	
1254	42.6545092	-77.1410673	324502.2	4724457.6	327.66	0.302	0.001	980289.56	-16.36	-49.06	-50.42	-52.74	
1255	42.6590210	-77.1356548	324958.6	4724947.4	322.44	0.322	0.001	980290.95	-16.98	-49.14	-50.48	-52.76	
1256	42.6655982	-77.1354304	324995.4	4725677.3	311.75	0.245	0.001	980293.48	-18.34	-49.49	-50.79	-53.00	
1257	42.6735951	-77.1386579	324753.4	4726572.1	263.54	0.360	0.000	980303.21	-24.22	-50.42	-51.51	-53.36	
1258	42.6827410	-77.1362321	324977.8	4727582.7	278.16	0.431	0.000	980301.03	-22.71	-50.31	-51.46	-53.42	
1259	42.6924000	-77.1788641	321512.5	4728744.5	307.66	0.273	0.000	980295.67	-19.84	-50.55	-51.83	-54.01	
1260	42.6925464	-77.1704924	322198.7	4728743.1	345.48	0.292	0.000	980288.60	-15.25	-49.75	-51.19	-53.64	
1261	42.6925117	-77.1607870	322993.7	4728718.8	361.81	0.241	0.000	980285.40	-13.41	-49.60	-51.11	-53.67	
1262	42.6925501	-77.1514989	323754.7	4728703.7	359.66	0.212	0.000	980285.82	-13.65	-49.65	-51.15	-53.70	
1263	42.6934244	-77.1391212	324771.2	4728775.0	344.23	0.232	0.000	980288.95	-15.36	-49.79	-51.23	-53.66	
1264	42.7158225	-77.1509340	323866.8	4731286.8	339.56	0.262	0.000	980291.80	-15.97	-49.90	-51.32	-53.72	
1265	42.7114644	-77.1538844	323612.9	4730809.0	338.07	0.283	0.000	980291.60	-16.24	-50.01	-51.41	-53.80	
1266	42.7079797	-77.1622422	322918.5	4730439.6	313.98	0.222	0.000	980295.91	-19.04	-50.44	-51.74	-53.97	
1267	42.7059362	-77.1669680	322525.6	4730222.6	305.67	0.215	0.000	980297.63	-19.71	-50.28	-51.55	-53.72	
1268	42.6968666	-77.1659168	322585.9	4729213.2	344.66	0.269	0.000	980289.00	-15.49	-49.93	-51.37	-53.81	
1269	42.6857408	-77.1683576	322354.2	4727982.8	378.28	0.367	0.001	980281.31	-11.80	-49.54	-51.11	-53.78	
1270	42.6790600	-77.1724467	322000.1	4727249.6	382.98	0.433	0.000	980280.13	-10.93	-49.08	-50.67	-53.37	
1271	42.6718079	-77.1742119	321834.8	4726448.0	384.25	0.513	0.001	980279.24	-10.78	-48.99	-50.58	-53.28	
1272	42.6647539	-77.1732227	321895.7	4725662.6	365.70	0.407	0.001	980282.52	-12.58	-49.01	-50.53	-53.11	
1273	42.6626365	-77.1683106	322292.2	4725417.1	357.25	0.404	0.001	980284.15	-13.36	-48.95	-50.43	-52.95	
1274	42.6536668	-77.1701872	322112.9	4724425.0	311.23	0.276	0.001	980292.34	-18.57	-49.64	-50.94	-53.14	
1275	42.6470496	-77.1721967	321929.2	4723694.4	312.07	0.337	0.000	980291.56	-18.50	-49.60	-50.90	-53.10	
1276	42.6400246	-77.1732608	321822.0	4722916.5	306.16	0.369	0.000	980291.94	-19.30	-49.78	-51.05	-53.21	
1277	42.6363159	-77.1711314	321986.0	4722500.2	295.81	0.485	0.002	980293.59	-20.51	-49.84	-51.06	-53.14	
1278	42.6333843	-77.1658186	322413.2	4722163.5	238.72	0.785	0.002	980303.53	-27.92	-51.24	-52.21	-53.86	
1279	42.6253020	-77.1658718	322385.9	4721266.1	241.27	0.764	0.000	980302.47	-27.47	-51.06	-52.05	-53.72	
1280	42.6337006	-77.1538894	323392.3	4722173.6	297.30	0.694	0.001	980293.31	-20.10	-49.39	-50.61	-52.69	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
1281	42.6234981	-77.1739207	321720.7	4721082.7	301.25	0.569	0.000	980291.91	-19.35	-49.15	-50.40	-52.51
1282	42.6221802	-77.1835241	320929.3	4720956.6	354.57	0.490	0.002	980281.43	-13.27	-48.51	-49.98	-52.47
1283	42.6170321	-77.1927726	320156.0	4720404.6	412.73	0.539	0.003	980269.77	-6.51	-47.56	-49.27	-52.18
1284	42.6178105	-77.2008903	319492.4	4720508.3	447.67	0.500	0.004	980262.93	-2.64	-47.24	-49.10	-52.26
1285	42.6181402	-77.2101601	318733.1	4720564.8	463.08	0.452	0.002	980259.82	-1.03	-47.22	-49.15	-52.42
1286	42.8525467	-77.3558975	307506.6	4746918.1	324.18	0.199	0.004	980304.26	-20.59	-53.03	-54.38	-56.68
1287	42.8489215	-77.3607244	307100.9	4746526.6	311.79	0.281	0.003	980306.29	-22.06	-53.18	-54.48	-56.68
1288	42.8485528	-77.3718929	306187.1	4746511.3	339.28	0.360	0.003	980300.71	-19.12	-52.94	-54.35	-56.74
1289	42.8434334	-77.3796108	305540.3	4745960.6	376.42	0.431	0.002	980292.86	-15.05	-52.54	-54.10	-56.76
1290	42.8424890	-77.3855171	305054.7	4745869.3	380.85	0.564	0.002	980291.54	-14.91	-52.73	-54.30	-56.98
1291	42.8399571	-77.3925199	304474.4	4745604.4	347.30	0.476	0.003	980297.73	-18.85	-53.37	-54.81	-57.25
1292	42.8351783	-77.4012761	303743.7	4745094.1	275.73	0.610	0.002	980310.83	-27.41	-54.61	-55.74	-57.67
1293	42.8434838	-77.4008284	303806.5	4746015.4	266.84	0.506	0.000	980313.15	-28.59	-54.99	-56.09	-57.96
1294	42.8500825	-77.3950991	304295.6	4746734.8	277.59	0.417	0.001	980312.12	-26.89	-54.45	-55.60	-57.55
1295	42.8569570	-77.3908925	304661.0	4747488.5	271.25	0.318	0.000	980314.19	-27.40	-54.41	-55.54	-57.45
1296	42.8665465	-77.3898708	304774.7	4748551.1	276.94	0.261	0.000	980314.62	-26.07	-53.70	-54.86	-56.81
1297	42.8719316	-77.3898327	304794.8	4749149.0	293.56	0.237	0.000	980312.28	-23.78	-53.11	-54.33	-56.41
1298	42.8789285	-77.3898167	304818.2	4749926.0	263.90	0.174	0.000	980318.24	-27.59	-53.99	-55.09	-56.96
1299	42.8854605	-77.3899349	304829.1	4750651.6	256.98	0.131	0.000	980319.90	-28.66	-54.40	-55.47	-57.30
1300	42.8922823	-77.3898574	304857.0	4751409.0	257.24	0.105	0.000	980320.04	-29.05	-54.84	-55.92	-57.74
1301	42.8994298	-77.3896835	304893.7	4752202.4	266.79	0.103	0.000	980318.28	-28.52	-55.27	-56.39	-58.28
1302	42.9083595	-77.3896309	304926.2	4753193.9	252.07	0.093	0.000	980321.62	-30.52	-55.80	-56.86	-58.65
1303	42.9101165	-77.3952207	304475.4	4753402.0	248.09	0.101	0.000	980322.23	-31.29	-56.16	-57.20	-58.96
1304	42.9236641	-77.4161615	302809.2	4754955.4	300.35	0.289	0.000	980311.35	-27.27	-57.23	-58.48	-60.60
1305	42.9161673	-77.4173637	302687.1	4754125.7	285.76	0.235	0.000	980314.53	-27.92	-56.46	-57.65	-59.68
1306	42.9093005	-77.4184697	302574.9	4753365.7	266.99	0.110	0.000	980317.91	-29.71	-56.48	-57.59	-59.49
1307	42.9018108	-77.4200345	302423.2	4752537.6	269.25	0.130	0.000	980317.11	-29.14	-56.12	-57.24	-59.15
1308	42.8941062	-77.4159166	302734.9	4751672.4	296.06	0.210	0.000	980311.63	-25.65	-55.25	-56.49	-58.58
1309	42.8878746	-77.4138055	302887.4	4750975.4	281.08	0.163	0.000	980314.82	-26.52	-54.66	-55.83	-57.82
1310	42.8830631	-77.4159465	302697.2	4750446.1	293.03	0.202	0.000	980312.12	-25.10	-54.41	-55.63	-57.70
1311	42.8829454	-77.4264227	301841.2	4750457.6	331.26	0.313	0.000	980304.35	-21.06	-54.11	-55.49	-57.83
1312	42.8830110	-77.4387112	300837.8	4750493.9	348.74	0.343	0.000	980300.67	-19.35	-54.14	-55.59	-58.05
1313	42.8849320	-77.4445140	300370.1	4750721.0	340.51	0.297	0.000	980302.42	-20.32	-54.32	-55.73	-58.14
1314	42.8896301	-77.4402442	300733.9	4751232.6	337.12	0.242	0.000	980303.06	-21.14	-54.85	-56.25	-58.64
1315	42.8956637	-77.4347440	301202.5	4751889.6	321.78	0.288	0.000	980305.97	-23.51	-55.63	-56.97	-59.25

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1316	42.9028830	-77.4345153	301244.4	4752690.8	276.57	0.219	0.000	980315.28	-28.81	-56.44	-57.60	-59.55	
1317	42.9072643	-77.4409917	300729.7	4753192.7	273.68	0.156	0.000	980316.41	-28.97	-56.37	-57.51	-59.45	
1318	42.9130847	-77.4487782	300112.9	4753857.6	289.19	0.268	0.000	980313.62	-27.49	-56.35	-57.55	-59.60	
1319	42.9199061	-77.4497465	300055.9	4754617.4	268.53	0.121	0.000	980318.80	-29.31	-56.22	-57.34	-59.25	
1320	42.9224166	-77.4686493	298521.2	4754941.3	299.72	0.197	0.000	980313.25	-25.45	-55.43	-56.68	-58.81	
1321	42.9150901	-77.4683784	298519.4	4754127.0	311.50	0.182	0.000	980309.39	-25.02	-56.20	-57.50	-59.71	
1322	42.9072847	-77.4681616	298511.7	4753259.7	306.23	0.158	0.000	980310.08	-25.25	-55.92	-57.20	-59.37	
1323	42.8994147	-77.4678682	298510.0	4752385.0	297.44	0.170	0.000	980311.88	-25.46	-55.24	-56.48	-58.59	
1324	42.8924138	-77.4676829	298502.3	4751607.1	287.08	0.120	0.000	980313.40	-26.50	-55.28	-56.48	-58.52	
1325	42.8857174	-77.4675282	298493.1	4750863.1	282.68	0.127	0.000	980314.05	-26.60	-54.93	-56.11	-58.12	
1326	42.8829068	-77.4623588	298906.2	4750538.6	292.92	0.166	0.000	980312.23	-25.01	-54.34	-55.56	-57.64	
1327	42.8829478	-77.4517375	299773.8	4750517.8	320.98	0.264	0.000	980306.35	-22.23	-54.29	-55.63	-57.90	
1328	42.8795185	-77.4486657	300013.5	4750129.7	319.52	0.263	0.000	980306.62	-22.10	-54.02	-55.35	-57.61	
1329	42.8730829	-77.4485565	300001.7	4749414.7	343.09	0.351	0.000	980301.41	-19.46	-53.67	-55.10	-57.52	
1330	42.8633563	-77.4483032	299990.9	4748334.0	330.53	0.264	0.000	980303.01	-20.86	-53.88	-55.26	-57.60	
1331	42.8570326	-77.4481450	299983.4	4747631.3	315.36	0.263	0.000	980305.33	-22.65	-54.15	-55.46	-57.69	
1332	42.8495332	-77.4479321	299976.6	4746798.0	319.01	0.294	0.000	980303.72	-22.46	-54.30	-55.62	-57.88	
1333	42.8450251	-77.4607239	298916.7	4746327.8	305.28	0.227	0.000	980305.82	-24.18	-54.70	-55.97	-58.13	
1334	42.8425197	-77.4698893	298159.5	4746071.5	320.89	0.212	0.000	980302.59	-22.37	-54.47	-55.81	-58.08	
1335	42.8362898	-77.4696423	298159.4	4745379.1	354.29	0.395	0.001	980295.42	-18.68	-53.98	-55.45	-57.95	
1336	42.8292949	-77.4708287	298039.7	4744605.2	348.56	0.245	0.000	980296.15	-19.09	-53.95	-55.40	-57.87	
1337	42.8239055	-77.4723579	297897.1	4744010.3	363.58	0.356	0.000	980292.86	-17.25	-53.52	-55.03	-57.60	
1338	42.8188130	-77.4644942	298523.4	4743426.0	408.67	0.498	0.000	980283.50	-12.24	-52.92	-54.61	-57.49	
1339	42.8531033	-77.4670536	298425.7	4747240.1	292.52	0.319	0.000	980309.27	-25.40	-54.55	-55.76	-57.83	
1340	42.8605301	-77.4667842	298471.9	4748064.2	291.98	0.318	0.000	980310.32	-25.19	-54.29	-55.50	-57.56	
1341	42.8662686	-77.4669982	298473.1	4748702.0	288.23	0.179	0.000	980311.79	-25.40	-54.24	-55.45	-57.49	
1342	42.8690727	-77.4710872	298148.2	4749023.2	278.51	0.154	0.000	980313.89	-26.55	-54.44	-55.60	-57.58	
1343	42.8734628	-77.4686569	298361.0	4749504.9	275.03	0.149	0.000	980314.91	-27.00	-54.54	-55.69	-57.64	
1344	42.8788652	-77.4632159	298823.0	4750091.8	278.74	0.207	0.000	980314.50	-26.75	-54.61	-55.77	-57.75	
1345	42.8691758	-77.4587931	299152.8	4749005.2	297.36	0.200	0.001	980310.25	-24.38	-54.12	-55.36	-57.47	
1346	42.8716185	-77.4386415	300806.9	4749228.6	337.28	0.316	0.000	980302.71	-19.82	-53.48	-54.88	-57.26	
1347	42.8690754	-77.4298474	301517.1	4748925.4	385.04	0.682	0.000	980292.74	-14.82	-52.95	-54.54	-57.24	
1348	42.8693073	-77.4190971	302396.0	4748925.9	329.99	0.255	0.000	980304.13	-20.44	-53.42	-54.79	-57.13	
1349	42.8693387	-77.4068186	303399.1	4748900.6	329.09	0.286	0.001	980304.20	-20.65	-53.51	-54.88	-57.21	
1350	42.8693576	-77.3984839	304080.0	4748883.3	301.48	0.182	0.001	980310.03	-23.34	-53.51	-54.77	-56.91	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1351	42.8830787	-77.4063392	303481.9	4750425.3	278.37	0.160	0.000	980315.31	-26.44	-54.31	-55.47	-57.44	
1352	42.8736407	-77.4102865	303129.5	4749386.4	309.70	0.222	0.000	980308.47	-22.76	-53.73	-55.02	-57.21	
1353	42.8623334	-77.4125977	302904.7	4748136.2	330.21	0.231	0.001	980303.49	-20.39	-53.41	-54.79	-57.13	
1354	42.8549495	-77.4126304	302878.5	4747316.2	349.10	0.392	0.000	980298.57	-18.81	-53.59	-55.04	-57.50	
1355	42.8479740	-77.4109256	302995.6	4746537.6	318.42	0.290	0.001	980303.98	-22.24	-54.02	-55.35	-57.60	
1356	42.8420172	-77.4095745	303087.1	4745872.9	289.55	0.338	0.002	980308.88	-25.72	-54.55	-55.75	-57.80	
1357	42.8366482	-77.4125227	302829.1	4745283.6	275.90	0.370	0.001	980310.94	-27.38	-54.81	-55.95	-57.90	
1358	42.8194386	-77.3861544	304930.1	4743311.1	378.58	0.531	0.002	980289.71	-15.37	-52.99	-54.56	-57.22	
1359	42.8193512	-77.3747531	305861.9	4743275.0	363.71	0.397	0.003	980293.28	-16.38	-52.62	-54.13	-56.70	
1360	42.8196422	-77.3666477	306525.5	4743288.7	417.05	0.769	0.007	980282.63	-10.60	-51.87	-53.59	-56.51	
1361	42.8220964	-77.3574399	307285.9	4743540.1	431.18	0.747	0.010	980280.28	-8.81	-51.52	-53.30	-56.32	
1362	42.8221823	-77.3460414	308218.0	4743523.6	386.49	0.535	0.010	980289.53	-13.35	-51.75	-53.35	-56.07	
1363	42.8221872	-77.3380396	308872.2	4743506.0	334.47	0.432	0.010	980299.89	-19.04	-52.30	-53.69	-56.04	
1364	42.8135195	-77.3207986	310255.1	4742504.5	312.74	0.254	0.023	980303.48	-21.38	-52.60	-53.90	-56.12	
1365	42.8071289	-77.3155699	310663.1	4741783.0	303.88	0.289	0.041	980304.72	-22.30	-52.59	-53.84	-55.99	
1366	42.8028461	-77.3082133	311251.6	4741290.9	278.69	0.359	0.077	980309.34	-25.07	-52.73	-53.88	-55.83	
1367	42.8027622	-77.2995478	311960.0	4741262.2	235.87	0.852	0.114	980317.23	-30.39	-53.26	-54.22	-55.83	
1368	42.8087674	-77.2951297	312339.5	4741919.3	262.70	0.787	0.146	980313.27	-26.60	-52.21	-53.27	-55.07	
1369	42.8154710	-77.2903286	312752.3	4742653.0	242.62	0.420	0.097	980318.20	-28.47	-52.43	-53.42	-55.11	
1370	42.8227568	-77.2848108	313225.3	4743449.9	213.33	0.522	0.039	980324.81	-31.56	-52.53	-53.39	-54.88	
1371	42.8274755	-77.2829405	313392.4	4743969.7	212.90	0.474	0.031	980325.60	-31.33	-52.30	-53.17	-54.66	
1372	42.8364568	-77.2826063	313446.8	4744966.4	213.88	0.609	0.028	980325.74	-31.70	-52.66	-53.52	-55.01	
1373	42.8419200	-77.2809549	313598.2	4745569.4	212.23	0.346	0.024	980326.79	-31.65	-52.68	-53.55	-55.04	
1374	42.8514546	-77.2805741	313658.0	4746627.4	215.01	0.300	0.013	980326.93	-31.51	-52.87	-53.76	-55.27	
1375	42.8567160	-77.2801924	313705.0	4747210.8	219.13	0.275	0.011	980326.32	-31.33	-53.12	-54.03	-55.58	
1376	42.8634417	-77.2818042	313593.6	4747961.3	234.49	0.174	0.007	980323.10	-30.41	-53.84	-54.82	-56.48	
1377	42.8710537	-77.2842967	313412.9	4748812.1	236.45	0.186	0.003	980323.66	-29.94	-53.57	-54.55	-56.23	
1378	42.7877500	-77.3390704	308681.7	4739684.1	349.12	0.836	0.030	980292.96	-18.35	-52.70	-54.13	-56.57	
1379	42.7825306	-77.3375987	308786.0	4739101.1	343.98	0.683	0.038	980293.41	-19.02	-52.99	-54.41	-56.81	
1380	42.7724252	-77.3398414	308571.4	4737984.0	374.50	0.613	0.052	980286.48	-15.61	-52.71	-54.24	-56.87	
1381	42.7663075	-77.3384837	308663.7	4737301.6	365.70	0.598	0.066	980287.32	-16.94	-53.14	-54.65	-57.21	
1382	42.7610904	-77.3369672	308771.7	4736718.8	352.32	0.609	0.093	980289.88	-18.04	-52.87	-54.32	-56.78	
1383	42.7519876	-77.3364300	308787.7	4735706.7	301.25	0.948	0.152	980298.93	-23.93	-53.26	-54.48	-56.56	
1384	42.7441810	-77.3397549	308491.5	4734847.3	217.75	1.139	0.071	980313.59	-34.33	-55.16	-56.03	-57.50	
1385	42.7413646	-77.3433480	308188.7	4734542.7	217.23	1.337	0.076	980313.60	-34.23	-54.83	-55.68	-57.13	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1386	42.7415950	-77.3516308	307511.4	4734587.2	286.83	0.959	0.062	980300.75	-25.62	-53.57	-54.73	-56.71	
1387	42.7494000	-77.3567945	307113.0	4735465.7	338.98	0.759	0.037	980290.21	-20.77	-54.17	-55.56	-57.92	
1388	42.8238502	-77.4197491	302197.6	4743879.3	308.37	0.385	0.000	980303.24	-23.90	-54.58	-55.86	-58.04	
1389	42.8172639	-77.4218257	302006.9	4743152.8	355.95	0.416	0.001	980293.26	-18.61	-54.05	-55.53	-58.04	
1390	42.8117619	-77.4185746	302255.1	4742534.1	342.02	0.487	0.002	980295.48	-20.19	-54.17	-55.59	-57.99	
1391	42.8022462	-77.4193004	302165.4	4741479.1	388.24	0.566	0.003	980285.62	-14.92	-53.48	-55.09	-57.82	
1392	42.7962081	-77.4219745	301927.5	4740814.9	443.23	0.857	0.002	980274.22	-8.81	-52.64	-54.47	-57.57	
1393	42.7905900	-77.4221905	301891.9	4740191.5	462.36	0.799	0.003	980269.83	-6.79	-52.60	-54.51	-57.75	
1394	42.7832330	-77.4232183	301784.3	4739376.9	507.71	1.193	0.004	980259.95	-2.02	-52.04	-54.12	-57.67	
1395	42.7751468	-77.4232575	301755.3	4738479.0	531.49	1.520	0.004	980254.40	0.50	-51.62	-53.79	-57.48	
1396	42.7709778	-77.4275136	301393.8	4738026.0	528.42	1.244	0.005	980254.88	0.41	-51.65	-53.82	-57.49	
1397	42.8210277	-77.4279354	301519.4	4743585.1	353.03	0.437	0.000	980293.78	-19.33	-54.46	-55.93	-58.42	
1398	42.8181054	-77.4369928	300769.5	4743282.0	368.75	0.373	0.001	980290.78	-17.21	-53.98	-55.51	-58.12	
1399	42.8153830	-77.4453709	300075.8	4742999.5	408.73	0.460	0.000	980282.92	-12.49	-53.21	-54.90	-57.79	
1400	42.8077796	-77.4472736	299895.7	4742159.6	435.04	0.529	0.001	980277.05	-9.55	-52.85	-54.66	-57.72	
1401	42.8011600	-77.4517654	299507.0	4741435.2	443.63	0.526	0.001	980274.67	-8.69	-52.86	-54.70	-57.83	
1402	42.7939017	-77.4532637	299361.0	4740632.7	440.11	0.642	0.002	980274.47	-9.31	-53.02	-54.84	-57.94	
1403	42.7873862	-77.4568717	299044.9	4739917.8	392.46	1.015	0.000	980282.56	-15.35	-53.93	-55.54	-58.27	
1404	42.7823804	-77.4618583	298620.7	4739373.8	324.63	1.073	0.000	980295.07	-23.31	-55.01	-56.33	-58.58	
1405	42.7879757	-77.4693262	298028.0	4740013.0	395.29	1.064	0.001	980282.22	-14.86	-53.68	-55.30	-58.05	
1406	42.7924198	-77.4674697	298194.3	4740502.1	440.38	0.855	0.000	980274.25	-9.32	-52.87	-54.68	-57.77	
1407	42.7987013	-77.4645132	298456.5	4741192.6	450.51	0.738	0.001	980273.48	-7.53	-52.20	-54.06	-57.23	
1408	42.8052602	-77.4643553	298490.8	4741920.6	412.44	0.622	0.001	980281.47	-11.88	-52.82	-54.53	-57.43	
1409	42.7773072	-77.4562067	299066.6	4738796.9	314.89	1.382	0.001	980296.09	-24.84	-55.29	-56.55	-58.71	
1410	42.7710724	-77.4522383	299371.2	4738095.1	337.71	1.307	0.001	980291.74	-21.59	-54.40	-55.77	-58.09	
1411	42.7665717	-77.4452121	299931.5	4737578.6	383.37	1.022	0.002	980282.37	-16.46	-54.12	-55.69	-58.36	
1412	42.7590088	-77.4447666	299943.6	4736737.7	408.17	1.075	0.001	980276.56	-13.93	-54.04	-55.71	-58.55	
1413	42.7509427	-77.4457580	299836.5	4735844.3	388.99	1.367	0.002	980279.22	-16.47	-54.38	-55.96	-58.65	
1414	42.7446483	-77.4445497	299915.2	4735142.4	391.71	1.655	0.002	980278.22	-16.06	-53.99	-55.57	-58.26	
1415	42.7355024	-77.4390245	300338.1	4734113.7	417.58	2.640	0.002	980272.14	-13.33	-52.98	-54.63	-57.44	
1416	42.7298533	-77.4362170	300549.8	4733479.7	419.38	2.568	0.003	980271.39	-13.01	-52.90	-54.57	-57.39	
1417	42.7247782	-77.4318390	300892.0	4732905.8	437.68	2.080	0.003	980267.66	-10.64	-52.81	-54.57	-57.56	
1418	42.7186834	-77.4262528	301329.9	4732215.8	388.86	2.440	0.004	980276.70	-16.12	-53.06	-54.60	-57.21	
1419	42.7133116	-77.4244121	301463.5	4731614.9	386.82	2.850	0.003	980276.23	-16.73	-53.09	-54.61	-57.18	
1420	42.7063408	-77.4241182	301465.4	4730840.1	412.32	3.058	0.006	980270.91	-13.55	-52.28	-53.90	-56.64	

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1421	42.6987779	-77.4224118	301581.0	4729996.3	448.96	2.508	0.003	980263.81	-8.67	-51.59	-53.38	-56.42	
1422	42.6930060	-77.4205152	301718.0	4729350.8	492.52	1.737	0.006	980255.53	-2.98	-50.97	-52.97	-56.37	
1423	42.6848272	-77.4167176	302003.1	4728433.7	512.60	1.206	0.006	980251.38	-0.20	-50.69	-52.79	-56.37	
1424	42.6782070	-77.4160925	302033.3	4727697.1	498.07	1.810	0.006	980253.76	-1.70	-50.18	-52.20	-55.64	
1425	42.6710851	-77.4177655	301873.6	4726910.1	471.90	2.016	0.003	980258.32	-4.58	-50.26	-52.16	-55.39	
1426	42.6641603	-77.4203148	301642.7	4726147.1	456.91	1.028	0.003	980261.68	-5.22	-50.27	-52.15	-55.34	
1427	42.6606032	-77.4238835	301338.8	4725760.5	455.85	0.688	0.002	980262.04	-4.86	-50.11	-52.00	-55.20	
1428	42.6606561	-77.4339975	300510.0	4725790.2	469.55	0.768	0.002	980258.44	-4.25	-50.81	-52.75	-56.05	
1429	42.6644981	-77.4404794	299991.1	4726232.1	482.54	1.161	0.001	980256.23	-2.79	-50.30	-52.28	-55.65	
1430	42.6719505	-77.4436610	299754.2	4727067.3	499.09	0.953	0.002	980253.20	-1.39	-50.76	-52.81	-56.31	
1431	42.6785499	-77.4412030	299976.9	4727794.3	541.02	0.799	0.004	980245.12	2.88	-50.84	-53.08	-56.89	
1432	42.6869454	-77.4408619	300031.7	4728725.8	549.85	0.967	0.003	980244.53	4.26	-50.20	-52.47	-56.33	
1433	42.6922494	-77.4440493	299787.6	4729322.3	548.77	0.898	0.003	980244.96	3.88	-50.54	-52.80	-56.66	
1434	42.6981102	-77.4495895	299352.7	4729986.3	550.19	1.019	0.003	980244.99	3.81	-50.64	-52.91	-56.76	
1435	42.7040553	-77.4520820	299167.7	4730652.5	537.80	1.233	0.003	980247.87	2.34	-50.67	-52.88	-56.63	
1436	42.7109216	-77.4567358	298808.7	4731426.0	537.43	1.158	0.002	980248.24	1.97	-51.07	-53.28	-57.04	
1437	42.7167306	-77.4609486	298482.5	4732081.2	537.97	1.409	0.002	980248.62	1.99	-50.88	-53.08	-56.83	
1438	42.7214137	-77.4656161	298115.4	4732612.4	568.37	1.583	0.004	980242.86	5.19	-50.58	-52.91	-56.86	
1439	42.7293347	-77.4705517	297737.0	4733503.8	562.99	1.466	0.005	980244.39	4.35	-50.99	-53.29	-57.20	
1440	42.7375964	-77.4720728	297639.4	4734424.9	527.75	1.204	0.005	980251.94	0.28	-51.75	-53.91	-57.59	
1441	42.7453295	-77.4715312	297708.9	4735282.4	483.17	0.900	0.004	980261.45	-4.67	-52.48	-54.48	-57.86	
1442	42.7533111	-77.4720006	297696.4	4736169.9	446.04	1.163	0.003	980268.88	-9.41	-53.25	-55.08	-58.18	
1443	42.7600404	-77.4759944	297391.5	4736926.8	453.44	1.019	0.004	980267.98	-8.64	-53.35	-55.22	-58.38	
1444	42.7653651	-77.4770928	297319.0	4737520.7	422.83	0.866	0.004	980274.45	-12.09	-53.86	-55.60	-58.56	
1445	42.7213636	-77.5022054	295119.2	4732695.0	260.20	1.655	0.000	980300.08	-32.68	-57.38	-58.41	-60.15	
1446	42.7165799	-77.4991149	295356.5	4732156.3	255.15	2.310	0.000	980301.19	-32.70	-56.30	-57.28	-58.95	
1447	42.7084407	-77.4977495	295441.6	4731249.1	254.17	2.782	0.001	980300.62	-32.83	-55.91	-56.87	-58.50	
1448	42.7006938	-77.4934635	295767.2	4730378.4	260.53	3.914	0.000	980297.85	-32.95	-55.65	-56.59	-58.20	
1449	42.6945371	-77.4896754	296057.3	4729685.6	266.33	4.859	0.000	980295.64	-32.81	-55.24	-56.18	-57.77	
1450	42.6865110	-77.4873855	296218.7	4728788.8	267.11	5.746	0.001	980294.15	-33.34	-55.05	-55.96	-57.50	
1451	42.6795572	-77.4886510	296092.2	4728019.6	267.66	4.810	0.000	980294.69	-32.00	-54.61	-55.55	-57.15	
1452	42.6724035	-77.4886933	296065.4	4727225.3	275.96	4.010	0.001	980293.71	-29.77	-53.94	-54.94	-56.65	
1453	42.6660423	-77.4888523	296031.5	4726519.3	289.10	2.700	0.000	980291.89	-26.96	-53.63	-54.74	-56.63	
1454	42.6577236	-77.4847673	296339.2	4725585.6	279.75	2.912	0.001	980292.95	-28.04	-53.57	-54.64	-56.45	
1455	42.6511632	-77.4777304	296894.6	4724840.2	301.79	2.498	0.000	980288.69	-24.91	-53.03	-54.21	-56.20	

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BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
1456	42.6468763	-77.4738964	297195.0	4724354.9	309.36	2.441	0.001	980287.33	-23.54	-52.48	-53.68	-55.73
1457	42.6418562	-77.4681668	297648.4	4723783.7	324.71	2.192	0.000	980284.45	-21.24	-51.95	-53.22	-55.40
1458	42.6354302	-77.4616137	298164.9	4723054.4	352.98	1.873	0.000	980279.28	-17.10	-50.94	-52.35	-54.74
1459	42.6295728	-77.4557900	298623.5	4722390.1	358.65	1.841	0.000	980278.00	-16.10	-50.54	-51.97	-54.41
1460	42.6240934	-77.4481986	299228.5	4721763.6	352.79	1.328	0.000	980279.23	-16.19	-50.50	-51.93	-54.36
1461	42.6211783	-77.4398165	299906.5	4721420.0	347.28	0.918	0.000	980280.71	-16.14	-50.26	-51.68	-54.10
1462	42.6194893	-77.4310613	300619.2	4721211.7	329.39	0.853	0.000	980283.70	-18.53	-50.91	-52.26	-54.55
1463	42.6249024	-77.4279135	300894.7	4721805.4	386.77	0.773	0.000	980272.68	-12.32	-50.55	-52.14	-54.85
1464	42.6312083	-77.4300779	300737.3	4722510.8	445.68	0.758	0.000	980262.47	-4.92	-49.09	-50.93	-54.06
1465	42.6375454	-77.4307948	300698.7	4723216.2	452.84	0.718	0.001	980261.55	-4.21	-49.13	-51.01	-54.19
1466	42.6471338	-77.4336549	300494.9	4724287.7	451.05	1.063	0.001	980261.88	-5.30	-49.73	-51.59	-54.73
1467	42.6543826	-77.4350507	300403.6	4725096.0	461.88	0.868	0.001	980260.31	-4.17	-49.87	-51.77	-55.01
1468	42.6539120	-77.4204635	301597.9	4725009.4	439.67	0.538	0.003	980264.42	-6.88	-50.64	-52.46	-55.56
1469	42.6430049	-77.4181174	301755.5	4723792.7	446.94	0.723	0.002	980262.52	-5.55	-49.88	-51.72	-54.86
1470	42.6986846	-77.3796267	305085.4	4729886.2	384.28	1.803	0.031	980277.29	-15.14	-52.16	-53.70	-56.33
1471	42.6917900	-77.3761590	305347.9	4729112.6	374.74	1.799	0.039	980278.56	-16.18	-52.24	-53.74	-56.29
1472	42.6860031	-77.3758646	305354.0	4728469.3	384.05	1.654	0.038	980276.71	-14.64	-51.77	-53.32	-55.94
1473	42.6785121	-77.3764122	305285.7	4727638.7	381.38	1.518	0.026	980276.53	-14.97	-51.96	-53.51	-56.12
1474	42.6724476	-77.3740258	305462.3	4726959.7	377.33	2.014	0.022	980276.59	-15.61	-51.75	-53.26	-55.82
1475	42.6643771	-77.3740522	305435.0	4726063.6	374.43	1.561	0.010	980276.87	-15.50	-51.77	-53.28	-55.85
1476	42.6587096	-77.3783939	305061.4	4725444.2	382.85	1.451	0.006	980274.59	-14.67	-51.88	-53.43	-56.07
1477	42.6524167	-77.3804919	304869.8	4724750.3	374.85	1.892	0.004	980275.95	-15.21	-51.23	-52.73	-55.28
1478	42.6466997	-77.3831743	304632.0	4724121.6	342.68	1.798	0.002	980282.04	-18.53	-51.40	-52.77	-55.10
1479	42.6399909	-77.3863288	304352.3	4723383.9	312.74	2.114	0.001	980287.13	-22.08	-51.65	-52.88	-54.98
1480	42.6305655	-77.3922904	303833.9	4722351.0	224.62	2.785	0.000	980302.91	-32.65	-52.75	-53.59	-55.01
1481	42.6356476	-77.3861769	304351.2	4722901.2	222.56	2.786	0.000	980303.53	-33.12	-53.01	-53.84	-55.25
1482	42.6411044	-77.3804107	304841.1	4723493.9	217.82	2.801	0.001	980304.59	-34.02	-53.42	-54.23	-55.60
1483	42.6480352	-77.3732459	305450.1	4724247.0	216.10	2.457	0.001	980305.52	-34.24	-53.78	-54.59	-55.98
1484	42.6536216	-77.3708769	305661.7	4724861.9	247.02	2.342	0.001	980299.99	-30.73	-53.48	-54.43	-56.04
1485	42.6613871	-77.3709256	305681.9	4725724.4	320.37	1.878	0.007	980286.72	-22.06	-52.60	-53.87	-56.04
1486	42.6624948	-77.3825883	304729.5	4725874.3	429.18	1.142	0.008	980266.52	-8.78	-50.93	-52.69	-55.68
1487	42.6628976	-77.3899439	304127.9	4725936.0	455.65	0.891	0.007	980261.87	-5.30	-50.34	-52.22	-55.41
1488	42.6606520	-77.4006092	303246.6	4725711.4	488.67	0.795	0.004	980255.57	-1.21	-49.67	-51.69	-55.12
1489	42.6587062	-77.4087149	302576.1	4725514.3	457.17	0.602	0.002	980261.80	-4.53	-49.99	-51.89	-55.11
1490	42.6355087	-77.4141758	302054.9	4722951.0	432.30	0.815	0.001	980265.38	-6.53	-49.30	-51.08	-54.11

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Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1491	42.6286602	-77.4123976	302179.0	4722186.3	422.77	0.971	0.001	980266.81	-7.42	-49.09	-50.83	-53.78	
1492	42.6207880	-77.4162162	301840.9	4721321.1	358.67	0.845	0.001	980278.83	-14.47	-49.80	-51.28	-53.78	
1493	42.6162797	-77.4141931	301992.5	4720815.7	308.50	1.133	0.000	980287.33	-21.05	-51.08	-52.33	-54.45	
1494	42.6150767	-77.4040663	302819.4	4720658.4	247.70	1.431	0.000	980296.41	-30.63	-54.27	-55.25	-56.93	
1495	42.6188140	-77.4002103	303147.4	4721064.5	239.61	1.577	0.000	980297.91	-31.96	-54.65	-55.60	-57.21	
1496	42.6257005	-77.3953882	303564.6	4721818.0	226.91	1.934	0.000	980301.41	-33.00	-54.10	-54.98	-56.47	
1497	42.6259794	-77.3871080	304244.5	4721829.7	218.16	1.934	0.000	980302.37	-34.76	-54.98	-55.82	-57.25	
1498	42.6288229	-77.3754261	305211.4	4722118.5	216.87	3.020	0.000	980303.80	-33.99	-53.10	-53.90	-55.25	
1499	42.6344869	-77.3685536	305792.6	4722731.7	225.66	2.216	0.001	980302.98	-32.61	-53.33	-54.19	-55.66	
1500	42.6401660	-77.3700482	305687.7	4723365.8	211.27	1.656	0.000	980303.98	-36.56	-56.33	-57.16	-58.56	
1501	42.6072877	-77.4090712	302384.2	4719805.2	248.76	1.424	0.000	980296.25	-29.76	-53.51	-54.50	-56.18	
1502	42.6029858	-77.4178495	301650.4	4719348.0	263.82	1.102	0.000	980292.99	-27.98	-53.54	-54.60	-56.41	
1503	42.6112132	-77.4353241	300243.1	4720302.8	341.46	0.811	0.000	980279.76	-17.99	-51.62	-53.02	-55.41	
1504	42.6058367	-77.4357426	300191.6	4719706.7	309.80	1.039	0.000	980285.58	-21.45	-51.69	-52.95	-55.09	
1505	42.6019381	-77.4423581	299636.4	4719289.4	330.10	1.294	0.000	980282.05	-18.37	-50.42	-51.76	-54.03	
1506	42.5952673	-77.4503706	298957.6	4718567.6	340.32	1.111	0.000	980279.31	-17.36	-50.61	-51.99	-54.35	
1507	42.5924577	-77.4581155	298313.0	4718274.1	369.96	1.026	0.000	980273.41	-13.86	-50.17	-51.68	-54.25	
1508	42.5842807	-77.4603958	298099.5	4717371.5	412.57	0.447	0.000	980261.61	-11.77	-52.88	-54.60	-57.51	
1509	42.5774851	-77.4600884	298102.8	4716616.1	420.10	0.382	0.000	980258.83	-11.62	-53.55	-55.30	-58.27	
1510	42.5721506	-77.4588593	298186.5	4716020.8	416.31	0.487	0.000	980260.15	-10.99	-52.45	-54.17	-57.11	
1511	42.5565150	-77.5057879	294283.2	4714397.5	404.76	0.506	0.000	980261.24	-12.04	-52.32	-53.99	-56.85	
1512	42.5508685	-77.5055966	294280.3	4713770.0	405.12	1.412	0.000	980261.50	-11.17	-50.67	-52.31	-55.11	
1513	42.5496438	-77.5142220	293568.1	4713655.0	404.75	0.895	0.000	980261.66	-11.02	-50.95	-52.61	-55.44	
1514	42.5446893	-77.5166062	293355.9	4713110.6	428.18	2.550	0.000	980256.37	-8.62	-49.42	-51.12	-54.00	
1515	42.5401268	-77.5133428	293608.9	4712596.0	443.00	2.504	0.000	980253.14	-6.87	-49.20	-50.96	-53.96	
1516	42.5339512	-77.5131195	293606.9	4711909.7	445.29	1.917	0.000	980253.19	-5.56	-48.65	-50.44	-53.49	
1517	42.5224091	-77.5104265	293790.1	4710621.4	433.74	1.210	0.000	980255.32	-5.95	-48.51	-50.28	-53.30	
1518	42.5169161	-77.5113063	293699.7	4710013.6	422.25	0.985	0.000	980257.25	-7.07	-48.68	-50.41	-53.36	
1519	42.5114738	-77.5140448	293456.8	4709415.9	415.29	0.821	0.000	980258.06	-7.92	-48.97	-50.68	-53.59	
1520	42.5971742	-77.5706725	289093.2	4719072.3	504.80	0.522	0.000	980247.65	1.57	-48.76	-50.86	-54.42	
1521	42.5970770	-77.5603637	289938.7	4719035.9	567.56	0.778	0.000	980235.56	8.85	-47.56	-49.91	-53.91	
1522	42.5948308	-77.5514504	290662.5	4718764.3	519.47	0.724	0.000	980245.10	3.75	-47.87	-50.02	-53.68	
1523	42.5867768	-77.5508207	290687.2	4717868.4	483.16	0.904	0.000	980251.21	-0.61	-48.42	-50.41	-53.80	
1524	42.5897864	-77.5441243	291246.8	4718186.1	540.41	0.775	0.000	980240.59	6.17	-47.51	-49.75	-53.55	
1525	42.5972209	-77.4270073	300880.8	4718729.3	313.68	0.784	0.000	980282.46	-22.61	-53.47	-54.76	-56.94	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
1526	42.5931056	-77.4340551	300289.4	4718288.9	344.91	0.746	0.000	980275.40	-19.66	-53.70	-55.12	-57.53
1527	42.5889038	-77.4404517	299751.0	4717837.5	360.75	0.681	0.000	980272.15	-17.63	-53.32	-54.81	-57.34
1528	42.5828639	-77.4445602	299394.5	4717176.5	400.65	0.677	0.000	980264.62	-12.31	-52.02	-53.67	-56.49
1529	42.5758725	-77.4475897	299123.5	4716407.3	415.83	0.835	0.000	980262.29	-9.33	-50.42	-52.14	-55.05
1530	42.5720096	-77.4547024	298527.2	4715995.2	422.90	0.672	0.000	980259.50	-9.59	-51.54	-53.29	-56.26
1531	42.5654227	-77.4630455	297821.1	4715283.7	425.55	0.428	0.000	980257.61	-10.07	-52.51	-54.28	-57.28
1532	42.5613661	-77.4686551	297347.5	4714846.6	411.76	0.379	0.000	980258.82	-12.74	-53.84	-55.55	-58.46
1533	42.5622144	-77.4783972	296550.5	4714964.2	405.09	0.344	0.000	980261.45	-12.25	-52.70	-54.39	-57.26
1534	42.5660439	-77.4878184	295789.6	4715412.1	406.43	0.391	0.000	980263.06	-10.57	-51.12	-52.81	-55.68
1535	42.5646631	-77.4963022	295088.6	4715279.3	412.83	0.388	0.000	980261.10	-10.43	-51.62	-53.34	-56.26
1536	42.5706265	-77.5455456	291066.1	4716061.9	424.09	0.547	0.000	980260.58	-8.01	-50.19	-51.95	-54.94
1537	42.5730789	-77.5541477	290368.3	4716355.5	422.64	0.474	0.000	980261.07	-8.19	-50.29	-52.05	-55.03
1538	42.5725178	-77.5634790	289600.5	4716316.4	422.62	0.381	0.000	980259.84	-9.38	-51.57	-53.32	-56.31
1539	42.5719853	-77.5712966	288957.0	4716276.7	419.56	0.348	0.000	980260.81	-9.30	-51.21	-52.95	-55.92
1540	42.5688490	-77.5800048	288231.6	4715950.2	416.17	0.234	0.000	980259.80	-11.08	-52.75	-54.48	-57.44
1541	42.5597699	-77.5911798	287283.4	4714970.0	414.48	0.208	0.000	980258.60	-11.99	-53.51	-55.24	-58.18
1542	42.5543738	-77.5935745	287068.5	4714376.8	414.91	0.231	0.000	980259.00	-10.97	-52.51	-54.25	-57.19
1543	42.5457501	-77.5939984	287004.3	4713420.2	414.69	0.278	0.000	980259.67	-9.58	-51.06	-52.79	-55.73
1544	42.5392789	-77.5922116	287129.1	4712697.1	414.21	0.332	0.000	980259.25	-9.57	-50.95	-52.68	-55.61
1545	42.5309831	-77.5895404	287320.3	4711769.1	420.82	0.464	0.000	980257.37	-8.66	-50.59	-52.34	-55.31
1546	42.5243363	-77.5883429	287396.1	4711028.0	428.55	0.558	0.000	980255.80	-7.25	-49.87	-51.65	-54.67
1547	42.5187813	-77.5870017	287487.4	4710407.8	442.65	0.551	0.000	980252.78	-5.41	-49.46	-51.29	-54.41
1548	42.5104624	-77.5838073	287721.7	4709476.0	468.69	0.587	0.000	980247.49	-1.92	-48.56	-50.50	-53.80
1549	42.5009163	-77.5805641	287955.8	4708407.8	525.56	0.409	0.000	980235.19	4.20	-48.32	-50.51	-54.23
1550	42.5042429	-77.5091816	293832.6	4708601.1	407.13	0.764	0.000	980258.61	-9.23	-49.51	-51.19	-54.04
1551	42.5009997	-77.5026126	294361.7	4708225.0	391.54	0.609	0.000	980260.29	-12.07	-50.92	-52.54	-55.29
1552	42.5024525	-77.4929986	295156.5	4708363.0	407.58	0.485	0.000	980257.99	-9.55	-50.13	-51.82	-54.69
1553	42.5076542	-77.4859399	295753.5	4708923.6	394.54	0.753	0.000	980260.86	-11.17	-50.20	-51.82	-54.59
1554	42.5107331	-77.4798099	296267.2	4709250.7	394.11	0.905	0.000	980261.62	-10.83	-49.68	-51.29	-54.05
1555	42.5170417	-77.4738523	296777.1	4709937.0	395.23	1.013	0.000	980261.70	-10.97	-49.83	-51.45	-54.20
1556	42.5236660	-77.4705216	297072.2	4710664.6	397.29	0.882	0.000	980261.35	-11.28	-50.47	-52.10	-54.88
1557	42.5304408	-77.4671861	297368.1	4711408.9	402.46	0.727	0.000	980260.79	-10.85	-50.70	-52.36	-55.18
1558	42.5363916	-77.4638762	297659.1	4712061.8	400.39	0.676	0.000	980261.76	-11.06	-50.74	-52.40	-55.21
1559	42.5445435	-77.4607989	297938.2	4712959.7	405.88	0.631	0.000	980260.85	-11.01	-51.29	-52.96	-55.82
1560	42.5509246	-77.4602096	298007.2	4713666.9	400.92	0.825	0.000	980262.18	-11.79	-51.39	-53.04	-55.85

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BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER	GRAVITY 2.40	GRAVITY 2.50	@ DENS 2.67
1561	42.5575021	-77.4639866	297718.3	4714406.4	408.67	0.531	0.000	980259.76	-12.41	-53.06	-54.75	-57.63	
1562	42.5987386	-77.1788175	321248.3	4718343.6	364.96	0.464	0.007	980277.40	-11.98	-48.28	-49.79	-52.36	
1563	42.5984373	-77.1681140	322125.6	4718287.6	307.75	0.503	0.006	980288.67	-18.33	-48.84	-50.11	-52.27	
1564	42.5985157	-77.1597053	322815.7	4718278.6	258.78	0.591	0.006	980298.19	-23.94	-49.44	-50.50	-52.31	
1565	42.5995462	-77.1507417	323554.0	4718374.3	218.96	0.697	0.002	980304.83	-29.67	-51.08	-51.97	-53.49	
1566	42.6000363	-77.1424566	324235.1	4718411.5	232.96	1.256	0.020	980302.67	-27.56	-49.85	-50.78	-52.36	
1567	42.5946688	-77.1358128	324765.1	4717801.7	260.62	0.683	0.430	980297.75	-23.46	-48.71	-49.75	-51.52	
1568	42.5989294	-77.1264671	325543.8	4718255.5	265.02	0.747	0.011	980297.35	-22.89	-48.88	-49.96	-51.80	
1569	42.6036962	-77.1191271	326159.3	4718769.7	264.55	0.703	0.007	980297.92	-22.89	-48.87	-49.95	-51.79	
1570	42.6086240	-77.1140432	326590.0	4719306.5	266.85	0.717	0.007	980297.91	-22.64	-48.84	-49.93	-51.79	
1571	42.6133701	-77.1049047	327352.8	4719814.8	249.72	0.448	0.007	980301.96	-24.30	-49.02	-50.05	-51.80	
1572	42.6188000	-77.0996552	327798.3	4720407.1	247.82	0.433	0.008	980302.76	-24.58	-49.12	-50.14	-51.88	
1573	42.6257963	-77.0943268	328254.6	4721173.2	241.22	0.609	0.009	980304.27	-25.73	-49.45	-50.44	-52.12	
1574	42.6330276	-77.1101978	326973.1	4722008.5	376.77	0.585	0.009	980278.43	-10.40	-47.78	-49.34	-51.98	
1575	42.6265231	-77.1099009	326979.4	4721285.6	344.67	0.583	0.009	980284.31	-13.83	-47.98	-49.40	-51.82	
1576	42.6187403	-77.1094940	326991.2	4720420.6	303.02	0.643	0.009	980291.76	-18.53	-48.44	-49.68	-51.80	
1577	42.6077180	-77.1034994	327452.4	4719184.3	267.24	0.303	0.011	980298.43	-21.91	-48.52	-49.63	-51.51	
1578	42.6002837	-77.1051540	327296.2	4718362.2	299.36	0.255	0.020	980291.65	-18.11	-47.99	-49.23	-51.35	
1579	42.5924888	-77.1094196	326924.6	4717505.3	316.18	0.290	0.023	980287.60	-16.27	-47.81	-49.12	-51.36	
1580	42.5864464	-77.1122516	326675.5	4716840.1	328.17	0.345	0.028	980284.66	-14.96	-47.65	-49.01	-51.32	
1581	42.5796424	-77.1144519	326476.1	4716089.1	354.49	0.494	0.039	980278.93	-11.96	-47.16	-48.62	-51.11	
1582	42.5726809	-77.1194005	326050.6	4715326.2	377.39	0.617	0.048	980273.95	-9.24	-46.62	-48.18	-50.82	
1583	42.5667611	-77.1241030	325648.1	4714678.5	402.61	0.866	0.069	980268.46	-6.41	-46.09	-47.74	-50.55	
1584	42.5598588	-77.1238618	325648.7	4713911.5	409.66	0.853	0.067	980266.69	-5.38	-45.78	-47.46	-50.32	
1585	42.5527143	-77.1249333	325540.8	4713120.4	408.94	0.862	0.073	980266.27	-5.39	-45.71	-47.38	-50.24	
1586	42.5450205	-77.1258540	325443.8	4712267.9	422.01	1.147	0.086	980262.72	-4.21	-45.58	-47.29	-50.22	
1587	42.5377431	-77.1277523	325267.6	4711463.7	427.51	1.315	0.110	980260.69	-3.88	-45.63	-47.36	-50.32	
1588	42.5311570	-77.1300459	325060.9	4710737.1	433.00	1.596	0.141	980258.96	-3.33	-45.35	-47.09	-50.07	
1589	42.5242176	-77.1316293	324911.4	4709969.8	436.66	1.848	0.163	980257.44	-3.09	-45.23	-46.98	-49.97	
1590	42.5170204	-77.1323864	324829.1	4709172.1	436.78	1.993	0.179	980256.76	-3.09	-45.10	-46.85	-49.81	
1591	42.5096792	-77.1320019	324840.2	4708356.2	424.79	2.958	0.239	980257.55	-5.34	-45.23	-46.89	-49.70	
1592	42.5045394	-77.1374547	324377.8	4707796.7	318.94	1.631	0.312	980278.71	-16.38	-46.75	-48.01	-50.14	
1593	42.5909892	-77.1881164	320463.1	4717502.7	398.03	0.428	0.007	980270.02	-8.45	-48.11	-49.76	-52.57	
1594	42.5837450	-77.1877491	320472.4	4716697.5	407.47	0.370	0.009	980267.71	-7.20	-47.86	-49.56	-52.44	
1595	42.5768237	-77.1847886	320695.5	4715922.7	399.68	0.396	0.011	980268.82	-7.87	-47.72	-49.39	-52.21	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1596	42.5696946	-77.1801330	321057.2	4715121.2	375.28	0.436	0.016	980273.11	-10.46	-47.82	-49.38	-52.02	
1597	42.5628502	-77.1767035	321319.2	4714353.9	355.60	0.531	0.018	980276.52	-12.51	-47.80	-49.27	-51.77	
1598	42.5557394	-77.1734538	321565.7	4713557.4	346.29	0.575	0.024	980277.89	-13.37	-47.68	-49.11	-51.54	
1599	42.5473072	-77.1698993	321833.5	4712613.6	335.66	0.545	0.029	980279.36	-14.42	-47.69	-49.06	-51.42	
1600	42.5413138	-77.1674299	322019.3	4711942.8	326.75	0.541	0.035	980280.61	-15.38	-47.74	-49.09	-51.38	
1601	42.5340200	-77.1644197	322245.8	4711126.6	316.94	0.586	0.039	980281.85	-16.51	-47.85	-49.14	-51.37	
1602	42.5279829	-77.1655132	322138.8	4710458.5	322.04	0.525	0.036	980279.99	-16.25	-48.15	-49.49	-51.74	
1603	42.5202559	-77.1652581	322137.9	4709599.9	307.62	0.551	0.038	980282.58	-17.42	-47.85	-49.12	-51.27	
1604	42.5149505	-77.1649811	322145.6	4709010.2	313.21	0.564	0.044	980281.03	-16.76	-47.73	-49.02	-51.22	
1605	42.5077213	-77.1644392	322169.6	4708206.3	308.94	0.640	0.055	980281.26	-17.20	-47.66	-48.94	-51.10	
1606	42.5012966	-77.1650786	322098.8	4707494.2	313.42	0.717	0.070	980279.82	-16.68	-47.52	-48.80	-50.98	
1607	42.5709438	-77.1699895	321893.4	4715238.5	340.23	0.431	0.024	980280.30	-14.20	-48.03	-49.44	-51.84	
1608	42.5710489	-77.1615359	322587.6	4715232.4	303.19	0.501	0.041	980287.56	-18.38	-48.41	-49.65	-51.78	
1609	42.5731777	-77.1516913	323401.6	4715448.2	220.94	0.895	0.056	980302.99	-28.52	-49.90	-50.79	-52.30	
1610	42.5804788	-77.1504199	323526.6	4716256.3	224.28	0.766	0.038	980303.19	-27.96	-49.81	-50.72	-52.26	
1611	42.5869579	-77.1507362	323518.9	4716976.5	228.00	0.655	0.022	980303.15	-27.42	-49.76	-50.69	-52.27	
1612	42.5958544	-77.1531644	323344.8	4717969.4	226.26	0.672	0.003	980304.15	-27.76	-49.92	-50.85	-52.42	
1613	42.6055134	-77.1590965	322885.4	4719054.4	234.72	0.746	0.002	980303.16	-27.02	-49.97	-50.93	-52.55	
1614	42.6128257	-77.1636033	322536.5	4719875.9	236.23	0.803	0.002	980303.35	-27.02	-50.07	-51.03	-52.66	
1615	42.6181471	-77.1650233	322435.1	4720469.8	236.18	0.813	0.000	980303.40	-27.47	-50.51	-51.47	-53.10	
1616	42.6403089	-77.1226314	325973.8	4722842.6	423.94	0.582	0.005	980269.84	-5.08	-47.22	-48.97	-51.95	
1617	42.6332700	-77.1230128	325922.9	4722061.8	406.60	0.503	0.006	980272.58	-7.06	-47.51	-49.20	-52.07	
1618	42.6260359	-77.1225125	325943.8	4721257.4	418.69	0.648	0.008	980269.80	-5.45	-46.99	-48.72	-51.66	
1619	42.6258611	-77.1316057	325197.6	4721256.8	417.57	0.576	0.005	980270.06	-5.53	-47.03	-48.76	-51.69	
1620	42.6185952	-77.1320201	325143.3	4720450.8	412.43	0.621	0.009	980270.41	-6.11	-47.04	-48.75	-51.65	
1621	42.6117009	-77.1319453	325130.1	4719685.0	423.57	0.990	0.013	980267.38	-5.07	-46.79	-48.53	-51.49	
1622	42.6046917	-77.1320121	325105.0	4718906.8	404.89	1.429	0.026	980270.06	-7.53	-46.97	-48.61	-51.40	
1623	42.6612361	-77.10296749	333651.0	4724979.4	209.74	0.604	0.003	980316.41	-26.50	-47.06	-47.92	-49.38	
1624	42.6553578	-77.10273455	333826.3	4724322.0	236.96	0.136	0.006	980311.55	-22.43	-46.14	-47.13	-48.81	
1625	42.6487284	-77.10295755	333625.8	4723590.2	255.98	0.120	0.006	980307.65	-19.87	-45.51	-46.58	-48.40	
1626	42.6422511	-77.10292021	333639.2	4722870.2	275.57	0.109	0.006	980303.44	-17.44	-45.06	-46.21	-48.17	
1627	42.6346387	-77.10287504	333655.9	4722024.0	287.05	0.110	0.008	980300.65	-16.01	-44.79	-45.99	-48.03	
1628	42.6265305	-77.10282578	333674.7	4721122.7	306.16	0.144	0.008	980296.47	-13.56	-44.23	-45.51	-47.68	
1629	42.6256789	-77.10393005	332766.9	4721049.9	301.00	0.129	0.006	980296.59	-14.95	-45.11	-46.37	-48.51	
1630	42.6304999	-77.10197481	334383.1	4721546.7	308.70	0.185	0.013	980296.72	-12.88	-43.77	-45.06	-47.24	

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1631	42.6331487	-77.0112050	335090.7	4721824.2	304.32	0.166	0.014	980298.21	-12.98	-43.44	-44.71	-46.87	
1632	42.6338215	-77.0018957	335855.8	4721880.8	286.76	0.155	0.016	980302.10	-14.58	-43.29	-44.48	-46.51	
1633	42.6175301	-77.0277419	333693.1	4720122.2	326.38	0.155	0.007	980291.89	-11.08	-43.77	-45.14	-47.45	
1634	42.6108023	-77.0273602	333706.5	4719374.3	332.45	0.216	0.008	980290.29	-10.21	-43.46	-44.85	-47.20	
1635	42.6034751	-77.0269792	333718.2	4718559.9	365.58	0.305	0.009	980283.30	-6.32	-42.82	-44.35	-46.93	
1636	42.5964994	-77.0264976	333739.2	4717784.4	383.04	0.306	0.011	980279.50	-4.09	-42.35	-43.95	-46.66	
1637	42.5904755	-77.0261414	333752.4	4717114.8	392.90	0.304	0.012	980277.14	-2.87	-42.12	-43.76	-46.54	
1638	42.5844551	-77.0256776	333774.5	4716445.3	400.61	0.305	0.011	980275.23	-1.86	-41.89	-43.56	-46.39	
1639	42.6043927	-77.0035888	335639.5	4718616.1	344.61	0.228	0.018	980288.30	-7.86	-42.31	-43.75	-46.19	
1640	42.5968788	-77.0030709	335662.3	4717780.7	360.95	0.265	0.019	980284.53	-5.92	-41.98	-43.49	-46.04	
1641	42.5892665	-77.0024981	335689.3	4716934.3	367.37	0.240	0.018	980282.74	-5.04	-41.77	-43.30	-45.91	
1642	42.5825499	-77.0021756	335698.1	4716187.9	380.08	0.265	0.020	980279.73	-3.52	-41.51	-43.09	-45.79	
1643	42.5770786	-77.0044800	335494.6	4715584.8	385.05	0.308	0.017	980278.48	-2.74	-41.20	-42.79	-45.52	
1644	42.5702083	-77.0092210	335087.4	4714831.1	348.88	0.254	0.015	980285.06	-6.70	-41.57	-43.02	-45.49	
1645	42.5803285	-77.0141317	334711.0	4715964.5	379.32	0.262	0.013	980279.56	-3.73	-41.66	-43.24	-45.92	
1646	42.5623658	-77.0090132	335083.8	4713959.8	339.55	0.305	0.010	980286.39	-7.55	-41.43	-42.85	-45.25	
1647	42.5545780	-77.0087098	335088.2	4713094.4	336.93	0.344	0.010	980286.61	-7.43	-41.02	-42.42	-44.80	
1648	42.5477865	-77.0063587	335263.3	4712335.7	340.82	0.364	0.011	980285.73	-6.50	-40.46	-41.87	-44.28	
1649	42.5406559	-77.0031423	335508.7	4711537.7	340.96	0.316	0.013	980285.39	-6.16	-40.18	-41.60	-44.01	
1650	42.5339277	-77.0019643	335587.8	4710788.2	330.20	0.284	0.010	980287.13	-7.13	-40.09	-41.47	-43.80	
1651	42.5335227	-77.0088869	335018.2	4710756.7	365.39	0.378	0.010	980280.07	-3.30	-39.72	-41.24	-43.82	
1652	42.5332860	-77.0181900	334253.5	4710748.6	412.23	0.454	0.010	980270.58	1.69	-39.37	-41.09	-44.00	
1653	42.6606579	-77.3320323	308867.5	4725554.7	226.50	2.128	0.001	980303.17	-34.52	-55.40	-56.27	-57.75	
1654	42.6546711	-77.3306519	308962.3	4724886.7	219.80	2.316	0.001	980304.91	-34.31	-54.35	-55.18	-56.60	
1655	42.6567536	-77.3208722	309770.3	4725095.9	222.53	2.606	0.000	980304.48	-34.08	-54.13	-54.97	-56.39	
1656	42.6597224	-77.3121496	310494.3	4725406.0	221.94	2.490	0.001	980304.87	-34.14	-54.24	-55.07	-56.50	
1657	42.6597959	-77.3038399	311175.6	4725395.6	306.90	1.740	0.002	980289.83	-22.96	-52.28	-53.50	-55.58	
1658	42.6577708	-77.2945662	311929.6	4725150.0	380.06	0.951	0.003	980276.40	-13.63	-51.02	-52.58	-55.23	
1659	42.6499160	-77.2800493	313096.0	4724245.5	382.01	1.497	0.001	980275.38	-13.35	-50.45	-51.99	-54.62	
1660	42.6449581	-77.2758272	313427.3	4723685.7	286.62	2.824	0.000	980292.01	-25.71	-52.01	-53.11	-54.97	
1661	42.6511384	-77.2715360	313797.5	4724362.5	282.24	2.064	0.002	980293.78	-25.85	-52.40	-53.50	-55.38	
1662	42.6548212	-77.2639459	314430.7	4724754.8	284.75	1.721	0.001	980293.09	-26.10	-53.21	-54.34	-56.26	
1663	42.6613359	-77.2572858	314995.9	4725463.6	280.22	2.612	0.001	980295.13	-26.04	-51.89	-52.97	-54.80	
1664	42.6665018	-77.2531269	315352.1	4726028.2	278.85	2.525	0.001	980295.95	-26.11	-51.90	-52.98	-54.80	
1665	42.6726352	-77.2456627	315981.9	4726693.0	280.90	1.861	0.001	980297.10	-24.88	-51.47	-52.58	-54.47	

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DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
1666	42.6891863	-77.2332692	317046.2	4728504.0	286.30	1.155	0.002	980298.20	-23.61	-51.38	-52.54	-54.51	
1667	42.6835312	-77.2308433	317228.3	4727870.8	278.61	0.954	0.000	980299.44	-24.23	-51.41	-52.54	-54.47	
1668	42.6810482	-77.2200714	318103.6	4727571.8	344.89	0.389	0.002	980287.29	-15.70	-50.06	-51.49	-53.92	
1669	42.6766790	-77.2240698	317763.2	4727095.2	378.76	0.600	0.001	980280.28	-11.87	-49.44	-51.01	-53.67	
1670	42.6704243	-77.2240802	317744.1	4726400.7	451.10	1.001	0.001	980265.44	-3.82	-48.31	-50.17	-53.32	
1671	42.5156006	-77.5235630	292688.4	4709897.4	432.18	0.964	0.000	980255.29	-5.85	-48.47	-50.25	-53.27	
1672	42.5158071	-77.5315602	292032.1	4709939.9	449.58	0.779	0.000	980251.64	-4.15	-48.69	-50.55	-53.70	
1673	42.5190084	-77.5400097	291348.6	4710316.2	454.73	0.885	0.000	980250.71	-3.77	-48.73	-50.61	-53.79	
1674	42.5261768	-77.5479756	290718.1	4711131.9	465.11	0.878	0.000	980248.90	-3.03	-49.04	-50.96	-54.22	
1675	42.5317223	-77.5499800	290572.0	4711752.6	472.17	0.941	0.000	980247.91	-2.35	-49.02	-50.96	-54.27	
1676	42.5378798	-77.5499323	290596.5	4712436.3	464.63	0.724	0.000	980250.10	-3.03	-49.13	-51.06	-54.32	
1677	42.5376506	-77.5608197	289701.6	4712437.8	452.23	0.766	0.000	980252.51	-4.43	-49.25	-51.12	-54.29	
1678	42.5408215	-77.5690242	289038.5	4712810.3	457.50	0.393	0.000	980251.71	-3.89	-49.57	-51.48	-54.71	
1679	42.5421742	-77.5766760	288414.7	4712979.7	448.77	0.333	0.000	980253.20	-5.22	-50.08	-51.95	-55.13	
1680	42.5423931	-77.5857204	287672.7	4713026.6	417.73	0.367	0.000	980259.26	-8.76	-50.47	-52.20	-55.16	
3001	42.8603936	-77.0684025	331019.2	4747172.4	254.38	0.074	0.001	980324.72	-22.38	-47.91	-48.98	-50.78	
3002	42.8535459	-77.0648276	331292.6	4746404.8	260.80	0.089	0.001	980322.72	-21.78	-47.94	-49.03	-50.89	
3003	42.8481800	-77.0582500	331815.5	4745795.7	258.54	0.091	0.001	980322.53	-22.18	-48.12	-49.20	-51.03	
3004	42.8410689	-77.0552751	332039.3	4745000.1	267.22	0.159	0.003	980320.03	-21.37	-48.12	-49.23	-51.13	
3005	42.8336913	-77.0543325	332096.4	4744178.9	254.76	0.088	0.002	980321.54	-23.03	-48.59	-49.65	-51.46	
3006	42.8262781	-77.0534409	332149.2	4743353.9	262.71	0.094	0.003	980318.75	-22.70	-49.05	-50.15	-52.02	
3007	42.8196778	-77.0526611	332195.0	4742619.4	263.59	0.083	0.005	980317.78	-22.80	-49.25	-50.35	-52.22	
3008	42.8104603	-77.0615360	331444.5	4741613.5	267.12	0.083	0.005	980316.00	-22.66	-49.47	-50.58	-52.47	
3009	42.8102583	-77.0700213	330750.1	4741608.1	272.73	0.078	0.003	980314.90	-22.01	-49.39	-50.53	-52.46	
3010	42.8178145	-77.0704076	330739.1	4742448.0	273.82	0.082	0.004	980315.45	-21.81	-49.29	-50.44	-52.38	
3011	42.8251669	-77.0708016	330727.0	4743265.3	268.61	0.075	0.003	980317.64	-21.89	-48.85	-49.98	-51.89	
3012	42.8324650	-77.0711300	330720.1	4744076.4	264.17	0.077	0.001	980319.63	-21.92	-48.43	-49.54	-51.42	
3013	42.8398818	-77.0716207	330700.2	4744901.0	262.66	0.071	0.001	980320.99	-21.70	-48.07	-49.17	-51.03	
3014	42.8465095	-77.0738952	330532.5	4745641.6	270.61	0.118	0.002	980320.04	-20.80	-47.93	-49.06	-50.98	
3015	42.8527371	-77.0771031	330287.4	4746339.6	272.61	0.169	0.001	980320.42	-20.37	-47.65	-48.79	-50.72	
3016	42.8601962	-77.0778273	330248.6	4747169.4	259.37	0.080	0.000	980323.62	-21.92	-47.95	-49.03	-50.88	
3017	42.8578282	-77.1067856	327876.2	4746965.2	250.34	0.075	0.000	980325.06	-23.06	-48.18	-49.23	-51.01	
3018	42.8501849	-77.1054725	327962.2	4746113.8	259.61	0.075	0.000	980322.43	-22.14	-48.20	-49.28	-51.13	
3019	42.8427126	-77.1032749	328121.1	4745279.5	264.89	0.080	0.000	980320.44	-21.82	-48.40	-49.51	-51.40	
3020	42.8360065	-77.1030506	328120.8	4744534.3	279.17	0.090	0.000	980317.05	-20.20	-48.21	-49.38	-51.36	

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Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
3021	42.8297625	-77.0975178	328555.8	4743829.6	285.58	0.168	0.000	980314.75	-19.96	-48.55	-49.74	-51.76	
3022	42.8229778	-77.1001379	328322.8	4743081.5	276.82	0.079	0.000	980316.09	-20.72	-48.50	-49.66	-51.63	
3023	42.8161168	-77.0949604	328727.1	4742309.1	288.14	0.094	0.001	980312.56	-20.13	-49.04	-50.25	-52.29	
3024	42.8101293	-77.0932130	328853.5	4741640.6	288.53	0.093	0.001	980312.00	-20.03	-48.98	-50.19	-52.24	
3025	42.8101474	-77.0824539	329733.2	4741620.8	279.14	0.098	0.002	980313.54	-21.39	-49.39	-50.56	-52.54	
3026	42.8100523	-77.1051334	327878.6	4741656.4	295.98	0.098	0.000	980310.48	-19.24	-48.94	-50.17	-52.28	
3027	42.8100652	-77.1134352	327199.8	4741674.8	295.43	0.097	0.001	980310.88	-19.01	-48.65	-49.89	-51.99	
3028	42.8101100	-77.1235168	326375.6	4741700.5	279.68	0.083	0.001	980314.10	-20.65	-48.72	-49.89	-51.88	
3029	42.8103034	-77.1323995	325649.9	4741740.3	266.29	0.081	0.000	980316.36	-22.54	-49.26	-50.38	-52.27	
3030	42.8128561	-77.1411511	324941.5	4742041.9	265.93	0.063	0.000	980316.36	-22.89	-49.59	-50.71	-52.60	
3031	42.8196306	-77.1442970	324703.4	4742800.8	273.36	0.070	0.000	980315.82	-21.75	-49.20	-50.34	-52.28	
3032	42.8266084	-77.1460926	324576.4	4743579.4	286.66	0.095	0.000	980314.11	-19.98	-48.74	-49.94	-51.98	
3033	42.8334373	-77.1476535	324468.1	4744341.0	287.41	0.091	0.002	980314.41	-20.07	-48.91	-50.11	-52.15	
3034	42.8416363	-77.1488508	324393.5	4745254.0	274.37	0.074	0.000	980317.67	-21.57	-49.11	-50.26	-52.21	
3035	42.8483763	-77.1526093	324105.4	4746010.3	270.29	0.103	0.000	980319.01	-22.10	-49.21	-50.34	-52.26	
3036	42.8547625	-77.1529023	324099.6	4746720.1	273.37	0.077	0.001	980318.95	-21.78	-49.22	-50.36	-52.31	
3037	42.8606960	-77.1551654	323931.6	4747383.7	266.90	0.069	0.000	980320.26	-23.01	-49.81	-50.92	-52.82	
3038	42.8621037	-77.1932411	320824.9	4747620.4	278.82	0.084	0.000	980317.01	-22.71	-50.69	-51.86	-53.84	
3039	42.8542888	-77.1909450	320989.9	4746747.7	285.40	0.103	0.001	980315.47	-21.51	-50.14	-51.33	-53.36	
3040	42.8513381	-77.1854053	321434.0	4746408.2	285.60	0.093	0.001	980315.31	-21.34	-50.00	-51.19	-53.22	
3041	42.8426505	-77.1853646	321412.3	4745443.4	295.16	0.106	0.003	980312.86	-20.05	-49.66	-50.89	-52.99	
3042	42.8351606	-77.1852830	321397.4	4744611.5	307.70	0.123	0.002	980309.81	-18.56	-49.41	-50.70	-52.88	
3043	42.8275433	-77.1851994	321382.3	4743765.4	321.20	0.148	0.001	980306.54	-16.98	-49.17	-50.51	-52.79	
3044	42.8204530	-77.1850958	321370.4	4742977.8	328.90	0.165	0.002	980304.36	-16.14	-49.09	-50.46	-52.80	
3045	42.8127522	-77.1848764	321366.1	4742122.1	334.59	0.184	0.004	980302.69	-15.36	-48.86	-50.26	-52.63	
3046	42.8109419	-77.1750021	322168.3	4741900.2	315.21	0.151	0.003	980306.68	-17.18	-48.76	-50.08	-52.32	
3047	42.8110275	-77.1646920	323011.5	4741888.0	287.07	0.097	0.001	980312.31	-20.25	-49.05	-50.25	-52.29	
3048	42.8111024	-77.1551888	323788.8	4741876.4	275.93	0.083	0.001	980314.47	-21.54	-49.23	-50.39	-52.35	
3049	42.8111996	-77.1434278	324750.7	4741862.7	265.72	0.068	0.000	980316.05	-23.12	-49.80	-50.91	-52.80	
3050	42.8025084	-77.1371505	325239.4	4740884.5	270.17	0.068	0.000	980314.83	-22.18	-49.31	-50.44	-52.36	
3051	42.7946017	-77.1369938	325230.0	4740006.2	277.95	0.098	0.001	980313.09	-20.80	-48.68	-49.84	-51.82	
3052	42.7865039	-77.1373897	325174.8	4739107.7	274.50	0.088	0.001	980312.47	-21.76	-49.30	-50.45	-52.40	
3053	42.7793863	-77.1392119	325005.7	4738321.1	272.28	0.124	0.000	980311.87	-22.40	-49.69	-50.82	-52.76	
3054	42.7717860	-77.1415183	324795.6	4737481.9	280.24	0.130	0.001	980309.72	-21.41	-49.49	-50.66	-52.65	
3055	42.7648736	-77.1435922	324606.4	4736718.6	275.99	0.140	0.000	980309.64	-22.18	-49.83	-50.98	-52.94	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER	GRAVITY 2.40	GRAVITY 2.50	DENS 2.67
3056	42.7558874	-77.1445661	324501.4	4735722.7	284.52	0.175	0.000	980306.89	-21.48	-49.95	-51.14	-53.16	
3057	42.7481042	-77.1444188	324491.4	4734858.1	293.00	0.238	0.000	980304.55	-20.50	-49.77	-50.99	-53.06	
3058	42.7390909	-77.1740046	322044.1	4733919.1	305.30	0.141	0.001	980300.89	-19.56	-50.16	-51.43	-53.60	
3059	42.7481561	-77.1742036	322053.8	4734926.2	311.20	0.123	0.000	980300.73	-18.71	-49.92	-51.22	-53.43	
3060	42.7559071	-77.1743046	322067.7	4735787.2	329.02	0.145	0.002	980298.05	-16.59	-49.57	-50.94	-53.28	
3061	42.7582032	-77.1807249	321548.9	4736055.7	324.92	0.142	0.003	980299.03	-17.09	-49.66	-51.02	-53.32	
3062	42.7653391	-77.1847833	321237.3	4736856.8	322.16	0.148	0.002	980300.47	-17.13	-49.42	-50.76	-53.05	
3063	42.7721640	-77.1847245	321261.7	4737614.5	306.12	0.173	0.001	980304.42	-18.76	-49.41	-50.69	-52.86	
3064	42.7810549	-77.1846704	321291.7	4738601.7	295.80	0.098	0.003	980307.49	-19.67	-49.35	-50.58	-52.69	
3065	42.7886594	-77.1846542	321314.9	4739446.2	306.19	0.100	0.002	980305.95	-18.69	-49.41	-50.69	-52.87	
3066	42.7957306	-77.1847072	321330.9	4740231.5	315.97	0.111	0.003	980304.84	-17.42	-49.12	-50.44	-52.68	
3067	42.8039876	-77.1848310	321344.6	4741148.7	324.93	0.138	0.002	980304.13	-16.11	-48.68	-50.04	-52.35	
3068	42.8108235	-77.1958226	320465.5	4741931.2	329.38	0.155	0.003	980303.33	-16.16	-49.17	-50.54	-52.88	
3069	42.8107440	-77.2049777	319716.7	4741941.9	330.23	0.163	0.006	980302.99	-16.23	-49.31	-50.68	-53.03	
3070	42.8106254	-77.2149718	318899.2	4741950.2	321.79	0.152	0.007	980304.50	-17.31	-49.55	-50.89	-53.17	
3071	42.8105763	-77.2250721	318073.2	4741966.5	303.22	0.140	0.011	980308.07	-19.47	-49.85	-51.11	-53.27	
3072	42.8105102	-77.2351455	317249.4	4741981.0	282.74	0.135	0.015	980312.39	-21.46	-49.78	-50.96	-52.97	
3073	42.8104425	-77.2458385	316374.9	4741996.7	271.21	0.149	0.034	980314.43	-22.97	-50.10	-51.23	-53.15	
3074	42.8145902	-77.2531326	315790.8	4742473.2	261.65	0.204	0.073	980316.67	-24.06	-50.15	-51.23	-53.08	
3075	42.8198315	-77.2594354	315291.1	4743069.1	215.33	0.218	0.121	980325.13	-30.36	-51.73	-52.62	-54.13	
3076	42.8175652	-77.2297889	317708.1	4742752.8	292.81	0.150	0.012	980311.27	-20.10	-49.42	-50.64	-52.72	
3077	42.8261272	-77.2301320	317705.2	4743704.4	297.11	0.211	0.014	980311.94	-18.88	-48.58	-49.82	-51.92	
3078	42.8043599	-77.2295413	317689.5	4741285.8	295.78	0.143	0.012	980308.82	-20.45	-50.08	-51.31	-53.41	
3079	42.7949586	-77.2294891	317666.2	4740241.7	318.32	0.189	0.012	980303.53	-17.94	-49.79	-51.12	-53.38	
3080	42.7870666	-77.2293723	317652.6	4739365.1	337.50	0.216	0.011	980299.04	-15.79	-49.55	-50.96	-53.35	
3081	42.7787629	-77.2292494	317638.2	4738442.7	340.72	0.203	0.010	980297.64	-15.45	-49.54	-50.96	-53.38	
3082	42.7712297	-77.2292501	317616.1	4737606.1	322.21	0.296	0.007	980300.20	-17.93	-50.08	-51.42	-53.70	
3083	42.7634480	-77.2280743	317689.4	4736739.4	264.80	0.244	0.004	980310.32	-24.82	-51.25	-52.35	-54.22	
3084	42.7564639	-77.2253709	317890.2	4735958.0	287.96	0.146	0.004	980305.24	-22.12	-50.97	-52.17	-54.21	
3085	42.7497444	-77.2244520	317945.7	4735209.8	292.60	0.174	0.003	980303.61	-21.72	-51.01	-52.23	-54.30	
3086	42.7464916	-77.2254222	317856.8	4734850.7	300.27	0.222	0.003	980301.83	-20.83	-50.85	-52.10	-54.22	
3087	42.7465272	-77.2357262	317013.5	4734877.0	302.06	0.171	0.003	980301.06	-21.06	-51.30	-52.56	-54.71	
3088	42.7491770	-77.2444024	316311.2	4735190.1	263.09	0.290	0.004	980308.77	-25.61	-51.82	-52.92	-54.77	
3089	42.7491458	-77.2543238	315499.1	4735208.3	242.17	0.333	0.003	980312.51	-28.32	-52.39	-53.39	-55.10	
3090	42.7567128	-77.2572446	315282.5	4736055.0	291.06	0.194	0.011	980303.99	-22.44	-51.54	-52.76	-54.82	

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Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

TERRAIN CORR. DENSITY: 2.67

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
3091	42.7612409	-77.2486340	316000.6	4736539.0	318.89	0.333	0.009	980299.16	-19.09	-50.87	-52.19	-54.45
3092	42.7612919	-77.2376452	316899.9	4736520.7	265.14	0.325	0.004	980309.81	-25.03	-51.42	-52.52	-54.39
3093	42.7550522	-77.2446365	316309.4	4735843.0	255.93	0.297	0.003	980310.62	-26.50	-51.99	-53.05	-54.85
3094	42.7464375	-77.2158448	318640.5	4734824.1	320.77	0.251	0.003	980298.07	-18.27	-50.32	-51.66	-53.93
3095	42.7460701	-77.2043814	319577.7	4734758.7	335.21	0.260	0.003	980295.28	-16.56	-50.06	-51.45	-53.83
3096	42.7540145	-77.2049664	319552.9	4735642.2	323.00	0.150	0.003	980298.68	-17.65	-50.02	-51.37	-53.66
3097	42.7607299	-77.2051704	319555.7	4736388.3	307.83	0.238	0.002	980302.16	-19.46	-50.22	-51.50	-53.68
3098	42.7676812	-77.2082292	319325.6	4737166.8	287.13	0.116	0.005	980306.99	-21.64	-50.43	-51.63	-53.66
3099	42.7745987	-77.2119569	319040.8	4737943.0	295.15	0.140	0.004	980306.25	-20.53	-50.10	-51.34	-53.43
3100	42.7773864	-77.2205124	318349.0	4738271.0	327.90	0.184	0.006	980300.02	-16.91	-49.73	-51.10	-53.42
3101	42.7819974	-77.2140988	318887.1	4738769.2	331.75	0.189	0.006	980299.97	-16.19	-49.39	-50.78	-53.13
3102	42.7883518	-77.2141927	318898.0	4739475.1	339.63	0.191	0.007	980299.17	-15.13	-49.13	-50.54	-52.95
3103	42.7966966	-77.2142420	318918.3	4740401.8	341.52	0.205	0.008	980299.53	-14.93	-49.10	-50.53	-52.95
3104	42.8050418	-77.2143920	318930.3	4741328.9	317.72	0.143	0.008	980304.55	-18.01	-49.84	-51.17	-53.43
3105	42.8184473	-77.2147026	318944.1	4742818.2	320.29	0.158	0.007	980305.73	-17.25	-49.33	-50.67	-52.94
3106	42.8264340	-77.2148275	318957.2	4743705.4	316.79	0.165	0.008	980307.47	-17.31	-49.03	-50.35	-52.60
3107	42.8335098	-77.2149407	318968.6	4744491.4	302.93	0.151	0.007	980311.05	-18.65	-48.99	-50.25	-52.40
3108	42.8418772	-77.2151017	318979.9	4745421.0	291.83	0.109	0.005	980314.23	-19.64	-48.91	-50.13	-52.19
3109	42.8510418	-77.2152793	318992.1	4746439.1	291.45	0.121	0.005	980314.79	-20.02	-49.24	-50.46	-52.52
3110	42.8596138	-77.2152773	319017.3	4747391.0	281.28	0.105	0.004	980316.88	-21.85	-50.06	-51.24	-53.23
3111	42.8645564	-77.2169390	318896.0	4747943.5	271.30	0.109	0.003	980319.05	-23.20	-50.40	-51.54	-53.46
3112	42.7390532	-77.2798278	313381.4	4734143.6	316.89	0.223	0.017	980295.98	-20.88	-52.56	-53.87	-56.11
3113	42.7468952	-77.2793879	313440.9	4735013.5	293.60	0.191	0.017	980301.29	-23.47	-52.83	-54.05	-56.13
3114	42.7547287	-77.2768043	313675.8	4735877.6	293.51	0.224	0.021	980302.32	-23.18	-52.49	-53.72	-55.79
3115	42.7615770	-77.2723374	314061.9	4736628.3	295.39	0.233	0.023	980303.52	-22.01	-51.51	-52.74	-54.83
3116	42.7671428	-77.2660486	314593.1	4737232.5	304.48	0.172	0.024	980302.51	-20.71	-51.18	-52.45	-54.61
3117	42.7732925	-77.2613906	314992.6	4737905.2	317.21	0.175	0.027	980300.91	-18.94	-50.68	-52.01	-54.25
3118	42.7808393	-77.2577730	315311.0	4738735.3	299.28	0.170	0.029	980305.47	-20.60	-50.54	-51.78	-53.90
3119	42.7877355	-77.2587135	315254.6	4739503.2	281.20	0.165	0.038	980309.68	-22.59	-50.71	-51.88	-53.87
3120	42.7949227	-77.2597387	315192.1	4740303.6	267.33	0.205	0.062	980313.10	-24.10	-50.77	-51.87	-53.76
3121	42.8025006	-77.2610118	315110.5	4741147.9	228.63	0.301	0.121	980320.94	-28.88	-51.52	-52.45	-54.05
3122	42.8100285	-77.2596420	315245.0	4741980.9	232.40	0.196	0.233	980320.89	-28.45	-51.46	-52.42	-54.04
3123	42.8284601	-77.2578880	315443.3	4744023.9	215.99	0.163	0.798	980326.97	-29.10	-50.02	-50.87	-52.32
3124	42.8374113	-77.2559289	315630.0	4745013.6	219.23	0.175	1.392	980328.31	-27.57	-48.30	-49.14	-50.55
3125	42.8454820	-77.2558617	315659.5	4745909.7	220.34	0.117	0.120	980328.50	-27.76	-49.73	-50.64	-52.19

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
3126	42.8527807	-77.2545802	315785.9	4746717.5	218.23	0.111	0.048	980329.05	-28.52	-50.34	-51.25	-52.79	
3127	42.8596713	-77.2517735	316035.7	4747476.5	213.88	0.121	0.018	980330.06	-29.48	-50.87	-51.77	-53.28	
3128	42.7803954	-77.0067456	335844.9	4738166.8	233.09	0.139	0.025	980319.45	-27.01	-50.32	-51.29	-52.94	
3129	42.7716327	-77.0097315	335577.5	4737199.5	227.73	0.121	0.022	980319.34	-27.98	-50.77	-51.72	-53.33	
3130	42.7639020	-77.0150889	335118.6	4736351.5	243.92	0.125	0.019	980315.44	-26.19	-50.60	-51.62	-53.35	
3131	42.7580407	-77.0158127	335043.8	4735702.0	222.13	0.152	0.018	980319.53	-28.29	-50.49	-51.41	-52.99	
3132	42.7510059	-77.0132844	335232.1	4734915.9	241.99	0.216	0.020	980315.35	-25.70	-49.84	-50.84	-52.56	
3133	42.7451872	-77.0153035	335051.4	4734273.7	243.20	0.108	0.020	980314.56	-25.60	-49.96	-50.97	-52.70	
3134	42.7448410	-77.0310933	333758.1	4734266.2	257.20	0.079	0.012	980311.60	-24.21	-50.01	-51.09	-52.91	
3135	42.7531365	-77.0312883	333764.3	4735187.8	251.06	0.149	0.010	980313.31	-25.14	-50.26	-51.31	-53.09	
3136	42.7598766	-77.0314654	333767.8	4735936.6	257.41	0.092	0.012	980312.76	-24.34	-50.15	-51.23	-53.06	
3137	42.7675412	-77.0316857	333770.3	4736788.2	259.38	0.087	0.012	980312.26	-24.92	-50.93	-52.02	-53.86	
3138	42.7753650	-77.0319861	333766.7	4737657.6	260.38	0.108	0.013	980313.52	-24.06	-50.15	-51.24	-53.09	
3139	42.7806283	-77.0322603	333758.3	4738242.6	268.26	0.115	0.011	980312.62	-23.01	-49.89	-51.01	-52.92	
3140	42.8003321	-77.0591475	331612.3	4740484.0	268.18	0.080	0.005	980314.44	-22.98	-49.90	-51.02	-52.91	
3141	42.7926033	-77.0588861	331612.7	4739625.3	271.70	0.087	0.005	980312.92	-22.72	-49.98	-51.12	-53.04	
3142	42.7851307	-77.0585461	331620.2	4738794.8	270.01	0.096	0.006	980312.53	-22.96	-50.03	-51.16	-53.08	
3143	42.7751690	-77.0581664	331624.3	4737687.8	265.50	0.085	0.007	980312.62	-23.36	-49.99	-51.10	-52.99	
3144	42.7658053	-77.0577382	331634.0	4736647.1	268.59	0.081	0.008	980311.17	-23.01	-49.96	-51.08	-52.99	
3145	42.7580055	-77.0575304	331629.8	4735780.5	269.67	0.089	0.008	980310.07	-23.08	-50.13	-51.25	-53.17	
3146	42.7500852	-77.0573225	331625.4	4734900.6	275.70	0.116	0.006	980308.18	-22.39	-50.02	-51.17	-53.13	
3147	42.7443458	-77.0571750	331621.9	4734262.9	287.30	0.129	0.004	980305.40	-21.07	-49.87	-51.06	-53.10	
3148	42.7442788	-77.0673691	330787.3	4734275.9	309.25	0.136	0.006	980301.60	-18.10	-49.09	-50.38	-52.58	
3149	42.7518980	-77.0677613	330776.0	4735122.8	294.62	0.120	0.006	980304.92	-19.98	-49.51	-50.74	-52.83	
3150	42.7590415	-77.0680742	330769.8	4735916.7	287.94	0.093	0.004	980306.81	-20.80	-49.69	-50.90	-52.94	
3151	42.7670962	-77.0682211	330779.7	4736811.4	279.30	0.089	0.005	980309.08	-21.91	-49.94	-51.10	-53.08	
3152	42.7758368	-77.0687273	330762.1	4737783.1	282.95	0.111	0.004	980309.39	-21.27	-49.64	-50.83	-52.84	
3153	42.7833433	-77.0690753	330754.1	4738617.3	288.30	0.106	0.005	980308.86	-20.82	-49.74	-50.94	-52.99	
3154	42.7909838	-77.0694957	330740.5	4739466.7	283.15	0.088	0.004	980310.66	-21.30	-49.71	-50.90	-52.91	
3155	42.7993499	-77.0696414	330751.4	4740396.0	277.00	0.090	0.003	980312.67	-21.94	-49.73	-50.89	-52.86	
3156	42.8017117	-77.0929667	328850.4	4740705.4	298.94	0.109	0.001	980308.95	-19.10	-49.08	-50.33	-52.46	
3157	42.7948032	-77.0928098	328844.2	4739937.9	295.73	0.096	0.001	980308.75	-19.68	-49.35	-50.59	-52.69	
3158	42.7858011	-77.0927157	328827.1	4738938.0	301.03	0.114	0.000	980307.39	-18.58	-48.77	-50.03	-52.17	
3159	42.7789328	-77.0926163	328816.3	4738175.1	300.62	0.114	0.001	980306.59	-18.89	-49.04	-50.30	-52.43	
3160	42.7698924	-77.0922008	328825.4	4737170.3	313.88	0.146	0.003	980303.28	-17.30	-48.75	-50.07	-52.29	

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3161	42.7629092	-77.0995273	328206.6	4736409.7	318.83	0.124	0.002	980301.70	-16.72	-48.69	-50.02	-52.29	
3162	42.7574438	-77.1049389	327748.6	4735813.9	326.64	0.157	0.001	980299.55	-15.96	-48.69	-50.05	-52.37	
3163	42.7615357	-77.2994694	311841.6	4736683.9	310.87	1.114	0.358	980298.31	-22.44	-52.42	-53.66	-55.77	
3164	42.7576189	-77.2949987	312195.6	4736238.9	353.82	0.659	0.150	980290.43	-16.71	-51.59	-53.05	-55.51	
3165	42.7504801	-77.2961344	312081.0	4735448.7	384.31	0.966	0.117	980283.66	-13.43	-51.14	-52.70	-55.37	
3166	42.7427329	-77.2964069	312035.3	4734589.0	338.25	1.002	0.052	980291.80	-18.81	-51.91	-53.28	-55.63	
3167	42.7350692	-77.3004770	311679.0	4733747.0	292.76	0.833	0.030	980299.86	-24.09	-52.77	-53.97	-56.00	
3168	42.7254580	-77.3003685	311658.7	4732679.5	268.27	0.624	0.014	980302.96	-27.69	-54.12	-55.22	-57.09	
3169	42.7216177	-77.2941178	312159.0	4732239.1	328.31	0.476	0.016	980292.07	-19.70	-52.30	-53.66	-55.96	
3170	42.7125051	-77.2938895	312150.1	4731226.6	377.83	0.786	0.017	980281.71	-13.96	-51.26	-52.81	-55.45	
3171	42.7053817	-77.2937435	312140.6	4730435.3	374.68	1.010	0.012	980281.48	-14.51	-51.30	-52.83	-55.44	
3172	42.7001881	-77.3036322	311315.0	4729880.6	471.39	1.543	0.022	980261.40	-4.28	-50.31	-52.23	-55.49	
3173	42.7001086	-77.3145074	310423.9	4729896.1	535.59	2.048	0.044	980248.43	2.57	-49.45	-51.61	-55.30	
3174	42.6999431	-77.3217575	309829.5	4729894.0	566.06	2.559	0.071	980241.68	5.24	-49.36	-51.64	-55.50	
3175	42.6929870	-77.3218395	309801.6	4729121.8	562.21	2.265	0.052	980242.19	5.19	-49.31	-51.57	-55.43	
3176	42.6836529	-77.3218366	309773.3	4728085.2	547.77	2.210	0.034	980244.23	3.61	-49.50	-51.71	-55.47	
3177	42.6822632	-77.3300928	309092.6	4727949.5	520.39	2.043	0.052	980249.61	0.67	-49.82	-51.92	-55.49	
3178	42.6745651	-77.3372376	308483.5	4727110.8	485.97	2.172	0.060	980254.66	-4.21	-51.11	-53.07	-56.38	
3179	42.6577822	-77.3506828	307329.9	4725277.7	280.76	1.942	0.005	980293.76	-26.93	-53.44	-54.54	-56.41	
3180	42.6661547	-77.3417965	308084.1	4726187.2	444.80	2.883	0.033	980261.68	-9.14	-51.28	-53.04	-56.02	
3181	42.7297330	-77.2799903	313340.1	4733108.9	326.84	0.302	0.013	980293.76	-19.19	-51.80	-53.16	-55.47	
3182	42.7212316	-77.2778369	313490.9	4732160.1	295.85	0.372	0.007	980299.05	-22.70	-52.13	-53.35	-55.44	
3183	42.7130857	-77.2763803	313585.8	4731252.3	260.47	1.147	0.003	980304.53	-27.40	-52.58	-53.63	-55.41	
3184	42.7048342	-77.2809958	313183.1	4730346.2	237.69	1.521	0.002	980307.32	-30.90	-53.45	-54.39	-55.99	
3185	42.7047670	-77.2721276	313909.2	4730319.1	233.47	1.292	0.002	980308.50	-31.02	-53.35	-54.28	-55.87	
3186	42.7095581	-77.2638887	314598.3	4730833.1	298.95	0.802	0.004	980297.20	-22.54	-51.90	-53.13	-55.21	
3187	42.7130594	-77.2533090	315475.1	4731198.7	335.98	0.367	0.003	980291.02	-17.61	-51.09	-52.48	-54.86	
3188	42.7388166	-77.2446635	316259.2	4734040.1	316.28	0.277	0.006	980297.34	-19.69	-51.26	-52.57	-54.81	
3189	42.7387910	-77.2556379	315360.8	4734061.2	242.24	0.589	0.002	980311.35	-28.53	-52.38	-53.37	-55.06	
3190	42.7389699	-77.2645322	314633.2	4734100.6	244.02	0.529	0.005	980310.79	-28.55	-52.63	-53.63	-55.33	
3191	42.7441503	-77.2618506	314868.1	4734670.0	241.90	0.388	0.004	980311.85	-28.62	-52.61	-53.61	-55.31	
3192	42.7014270	-77.2646941	314508.1	4729931.9	342.70	0.623	0.004	980288.34	-17.16	-51.09	-52.50	-54.90	
3193	42.6943336	-77.2672167	314280.3	4729149.7	372.37	0.827	0.003	980281.99	-13.72	-50.45	-51.98	-54.58	
3194	42.6889065	-77.2715458	313909.5	4728556.6	385.50	0.860	0.006	980278.33	-12.84	-50.85	-52.43	-55.13	
3195	42.6813511	-77.2747434	313624.9	4727724.6	416.52	0.958	0.004	980271.74	-9.17	-50.22	-51.93	-54.84	

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DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY @ 2.50	DENS 2.67
3196	42.6738341	-77.2747235	313604.1	4726889.8	465.13	1.179	0.004	980261.56	-3.68	-49.43	-51.33	-54.57
3197	42.6680606	-77.2786464	313265.3	4726257.4	466.99	1.141	0.003	980260.68	-3.46	-49.43	-51.34	-54.60
3198	42.6623481	-77.2826078	312923.5	4725631.8	462.26	1.071	0.003	980260.88	-4.21	-49.76	-51.66	-54.89
3199	42.6563710	-77.2862766	312604.9	4724976.1	408.77	0.768	0.002	980271.08	-9.97	-50.41	-52.10	-54.96
3200	42.6490577	-77.2956428	311815.1	4724184.8	489.19	1.440	0.003	980254.05	-1.53	-49.46	-51.46	-54.86
3201	42.6434097	-77.3016010	311309.6	4723570.9	514.18	1.381	0.004	980248.78	1.42	-49.08	-51.19	-54.76
3202	42.6381169	-77.3074493	310814.0	4722996.2	550.70	1.327	0.002	980241.52	5.91	-48.31	-50.57	-54.41
3203	42.6348114	-77.3138922	310275.7	4722643.6	560.14	1.258	0.003	980239.66	7.27	-47.97	-50.27	-54.18
3204	42.6346168	-77.3251789	309349.6	4722647.4	532.88	1.208	0.002	980244.83	4.04	-48.50	-50.69	-54.41
3205	42.6234362	-77.3253799	309299.0	4721406.3	528.61	0.885	0.001	980244.90	3.80	-48.60	-50.78	-54.49
3206	42.6296543	-77.3252312	309330.2	4722096.4	555.81	1.123	0.003	980240.13	6.86	-48.06	-50.35	-54.24
3207	42.7110383	-77.2417506	316415.7	4730949.1	338.18	0.540	0.003	980290.46	-17.30	-50.85	-52.24	-54.62
3208	42.7112995	-77.2300344	317376.0	4730952.6	329.40	1.200	0.003	980291.87	-18.63	-50.70	-52.03	-54.31
3209	42.7107590	-77.2187117	318301.7	4730868.2	312.98	0.643	0.001	980295.53	-19.99	-50.91	-52.20	-54.39
3210	42.7088208	-77.2092865	319068.0	4730632.7	292.32	0.643	0.001	980299.44	-22.28	-51.12	-52.32	-54.36
3211	42.7041388	-77.2067172	319264.8	4730107.3	274.98	0.338	0.000	980302.43	-24.21	-51.58	-52.72	-54.66
3212	42.6984181	-77.2009706	319718.9	4729459.7	294.29	0.224	0.000	980298.63	-21.54	-50.95	-52.18	-54.26
3213	42.6925179	-77.1906311	320548.9	4728782.5	275.28	0.267	0.000	980301.46	-24.05	-51.51	-52.66	-54.60
3214	42.7200521	-77.2445586	316212.4	4731956.1	380.72	0.489	0.005	980283.23	-12.22	-50.09	-51.67	-54.34
3215	42.7286223	-77.2445184	316241.0	4732907.8	351.82	0.361	0.006	980289.49	-15.65	-50.72	-52.18	-54.67
3216	42.7423970	-77.2446274	316272.7	4734437.7	318.45	0.446	0.006	980297.05	-19.64	-51.27	-52.59	-54.83
3217	42.7386010	-77.2039756	319589.3	4733928.4	368.03	0.250	0.004	980288.39	-12.65	-49.46	-50.99	-53.60
3218	42.7301383	-77.2037505	319583.2	4732988.1	377.07	0.289	0.003	980285.51	-11.98	-49.66	-51.23	-53.90
3219	42.7233863	-77.2036592	319571.1	4732238.1	380.07	0.362	0.002	980284.16	-11.79	-49.71	-51.29	-53.98
3220	42.7158095	-77.2035271	319559.9	4731396.5	355.83	0.548	0.003	980287.94	-14.81	-50.12	-51.60	-54.10
3221	42.7087062	-77.2048609	319430.1	4730610.5	308.34	0.360	0.000	980295.94	-20.83	-51.53	-52.81	-54.99
3222	42.6922318	-77.2033274	319508.0	4728777.8	317.35	0.203	0.003	980293.72	-18.78	-50.53	-51.86	-54.10
3223	42.6848440	-77.1995745	319794.0	4727949.4	324.28	0.235	0.002	980291.70	-17.99	-50.41	-51.76	-54.06
3224	42.6768225	-77.1979776	319901.7	4727055.2	327.27	0.248	0.000	980290.58	-17.47	-50.18	-51.54	-53.86
3225	42.6671808	-77.1959476	320040.2	4725980.2	318.13	0.380	0.001	980291.61	-18.39	-50.06	-51.38	-53.62
3226	42.6621028	-77.2032652	319425.8	4725431.9	373.93	0.601	0.001	980280.08	-12.25	-49.34	-50.88	-53.51
3227	42.6696325	-77.2031432	319457.6	4726267.8	339.55	0.446	0.000	980287.51	-16.10	-49.87	-51.27	-53.67
3228	42.6786293	-77.2032427	319475.5	4727267.1	328.79	0.254	0.001	980290.43	-17.31	-50.17	-51.54	-53.86
3229	42.6853490	-77.2032411	319495.1	4728013.3	325.01	0.205	0.002	980291.64	-17.87	-50.39	-51.75	-54.05
3230	42.6618535	-77.2152708	318441.1	4725430.0	427.58	0.554	0.001	980269.73	-6.01	-48.54	-50.31	-53.32

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
3231	42.6617719	-77.2251498	317631.2	4725442.2	476.89	0.809	0.002	980259.82	-0.70	-47.96	-49.93	-53.28	
3232	42.6537243	-77.2253896	317588.0	4724549.0	481.54	0.715	0.000	980258.37	0.02	-47.79	-49.79	-53.17	
3233	42.6449329	-77.2253323	317567.0	4723572.6	486.75	0.688	0.001	980256.75	0.80	-47.56	-49.58	-53.00	
3234	42.6372939	-77.2252601	317550.6	4722724.2	494.32	0.698	0.001	980254.66	1.73	-47.39	-49.43	-52.91	
3235	42.6280639	-77.2250883	317537.7	4721698.9	500.96	0.665	0.001	980252.61	2.56	-47.25	-49.33	-52.86	
3236	42.6214077	-77.2250041	317525.1	4720959.5	496.86	0.598	0.001	980252.97	2.26	-47.20	-49.26	-52.77	
3237	42.6182057	-77.2186186	318039.5	4720590.2	460.98	0.520	0.001	980259.81	-1.69	-47.61	-49.52	-52.78	
3238	42.8446328	-77.3142234	310887.6	4745944.8	306.87	0.214	0.009	980307.92	-21.56	-52.24	-53.52	-55.69	
3239	42.8360708	-77.3188511	310483.3	4745004.4	321.00	0.245	0.012	980304.23	-20.12	-52.19	-53.53	-55.80	
3240	42.8276488	-77.3234778	310079.3	4744079.6	317.52	0.293	0.012	980303.97	-20.69	-52.37	-53.69	-55.93	
3241	42.8208170	-77.3279742	309690.8	4743331.1	314.79	0.250	0.013	980303.66	-21.23	-52.67	-53.98	-56.21	
3242	42.8142323	-77.3295962	309538.0	4742603.5	318.48	0.385	0.016	980302.20	-20.95	-52.64	-53.96	-56.20	
3243	42.8070303	-77.3342429	309135.9	4741814.2	341.13	0.487	0.020	980296.90	-18.62	-52.49	-53.90	-56.30	
3244	42.8009715	-77.3375205	308849.2	4741148.8	361.52	0.489	0.024	980292.33	-16.35	-52.27	-53.77	-56.31	
3245	42.7938260	-77.3416840	308486.7	4740364.8	388.68	0.645	0.028	980286.07	-13.58	-52.09	-53.69	-56.42	
3246	42.7863404	-77.3463052	308085.6	4739544.0	408.05	0.903	0.030	980281.48	-11.52	-51.74	-53.42	-56.27	
3247	42.7786392	-77.3483594	307893.8	4738693.4	425.26	0.820	0.033	980276.91	-10.08	-52.11	-53.86	-56.84	
3248	42.7724231	-77.3499168	307747.1	4738006.7	388.62	0.603	0.029	980283.90	-13.84	-52.39	-53.98	-56.71	
3249	42.7650750	-77.3565883	307178.5	4737205.9	343.24	0.768	0.022	980291.73	-19.35	-53.18	-54.59	-56.99	
3250	42.7587942	-77.3618828	306725.7	4736520.6	334.14	0.728	0.020	980292.73	-20.59	-53.54	-54.91	-57.25	
3251	42.7510225	-77.3633540	306581.1	4735660.9	359.55	0.766	0.028	980286.86	-17.92	-53.39	-54.86	-57.38	
3252	42.7447756	-77.3691935	306083.7	4734980.6	403.92	1.327	0.032	980277.46	-13.07	-52.49	-54.14	-56.93	
3253	42.7365918	-77.3681776	306141.4	4734069.4	404.94	1.483	0.046	980276.29	-13.18	-52.56	-54.20	-56.98	
3254	42.7298969	-77.3659873	306299.8	4733320.9	383.17	1.772	0.065	980279.94	-15.64	-52.56	-54.09	-56.69	
3255	42.7206562	-77.3661047	306261.4	4732295.0	391.70	2.196	0.093	980277.11	-15.01	-52.37	-53.93	-56.58	
3256	42.7127966	-77.3715429	305791.6	4731434.7	416.32	1.662	0.064	980272.12	-11.69	-52.04	-53.71	-56.57	
3257	42.7075624	-77.3781621	305233.2	4730868.7	360.78	1.284	0.029	980282.70	-17.78	-52.91	-54.37	-56.86	
3258	42.7132286	-77.3881225	304435.2	4731521.0	388.83	1.679	0.018	980277.44	-14.89	-52.49	-54.06	-56.72	
3259	42.7203198	-77.3955597	303848.5	4732325.7	377.23	1.570	0.011	980280.00	-16.55	-53.09	-54.61	-57.20	
3260	42.7273144	-77.3997863	303524.5	4733112.3	334.54	1.690	0.007	980288.40	-21.96	-54.10	-55.43	-57.71	
3261	42.7362835	-77.4010743	303447.3	4734111.3	320.18	2.063	0.005	980291.08	-24.52	-54.89	-56.15	-58.29	
3262	42.7445996	-77.4012430	303459.8	4735035.2	305.24	2.645	0.004	980293.84	-27.12	-55.46	-56.64	-58.65	
3263	42.7522465	-77.4032450	303320.1	4735889.1	295.68	2.358	0.003	980296.13	-28.47	-56.10	-57.26	-59.21	
3264	42.7604025	-77.4050272	303200.1	4736798.9	287.59	1.993	0.002	980298.58	-29.25	-56.40	-57.53	-59.45	
3265	42.7685850	-77.4066737	303091.3	4737711.4	285.52	1.862	0.002	980299.76	-29.45	-56.51	-57.64	-59.55	

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3266	42.7765031	-77.4035778	303369.7	4738583.5	283.79	1.579	0.002	980301.14	-29.32	-56.46	-57.59	-59.51	
3267	42.7835390	-77.3972168	303912.3	4739350.1	282.71	1.698	0.002	980303.30	-28.13	-55.05	-56.17	-58.08	
3268	42.7913352	-77.3942730	304177.7	4740209.0	283.68	1.115	0.003	980303.77	-28.06	-55.60	-56.75	-58.70	
3269	42.7993158	-77.3907617	304490.0	4741087.1	278.04	1.353	0.003	980306.45	-27.84	-54.60	-55.72	-57.61	
3270	42.9054861	-77.5393346	292695.2	4753232.9	290.05	0.178	0.000	980314.13	-26.03	-55.06	-56.27	-58.32	
3271	42.8974644	-77.5393039	292670.8	4752342.0	317.37	0.271	0.000	980307.72	-23.29	-54.98	-56.30	-58.55	
3272	42.8898944	-77.5392047	292653.5	4751501.1	308.60	0.231	0.000	980309.48	-23.55	-54.40	-55.68	-57.87	
3273	42.8818875	-77.5391521	292631.0	4750611.8	301.80	0.281	0.000	980310.76	-23.65	-53.77	-55.02	-57.16	
3274	42.8742876	-77.5390220	292616.1	4749767.5	262.93	0.110	0.000	980317.92	-27.79	-54.15	-55.25	-57.11	
3275	42.8650818	-77.5388743	292597.3	4748744.8	263.52	0.098	0.000	980315.80	-28.90	-55.33	-56.43	-58.30	
3276	42.8581899	-77.5371674	292713.7	4747975.2	255.74	0.123	0.001	980316.90	-29.58	-55.20	-56.27	-58.09	
3277	42.8504809	-77.5345588	292901.1	4747112.7	259.25	0.119	0.000	980315.96	-28.74	-54.72	-55.80	-57.64	
3278	42.8418342	-77.5343886	292886.1	4746152.0	261.16	0.128	0.000	980313.80	-29.53	-55.70	-56.79	-58.64	
3279	42.8348286	-77.5370798	292642.7	4745380.7	243.39	0.142	0.000	980315.95	-32.23	-56.59	-57.61	-59.34	
3280	42.8265403	-77.5335489	292903.6	4744451.6	241.59	0.159	0.000	980315.30	-32.69	-56.86	-57.87	-59.58	
3281	42.8190977	-77.5332863	292900.2	4743624.4	244.47	0.190	0.000	980314.31	-32.12	-56.55	-57.57	-59.30	
3282	42.8113465	-77.5331823	292882.8	4742763.4	255.42	0.219	0.000	980312.79	-29.56	-55.07	-56.13	-57.94	
3283	42.8037894	-77.5330986	292864.5	4741923.9	259.50	0.274	0.001	980312.06	-28.36	-54.23	-55.30	-57.14	
3284	42.7959355	-77.5330065	292845.8	4741051.5	284.21	0.287	0.001	980306.59	-25.49	-53.83	-55.01	-57.02	
3285	42.7889606	-77.5329118	292830.2	4740276.7	287.95	0.411	0.000	980304.73	-25.57	-54.18	-55.37	-57.40	
3286	42.8071028	-77.3903483	304548.4	4741950.9	285.36	1.032	0.002	980305.98	-26.75	-54.54	-55.70	-57.66	
3287	42.8138080	-77.3930711	304346.9	4742701.8	279.74	0.791	0.001	980307.91	-27.16	-54.60	-55.74	-57.69	
3288	42.8210369	-77.3968978	304056.8	4743513.5	282.80	0.693	0.001	980308.00	-26.78	-54.62	-55.77	-57.75	
3289	42.8276609	-77.4003393	303796.4	4744257.1	277.72	0.719	0.001	980309.59	-27.35	-54.65	-55.79	-57.72	
3290	42.8311876	-77.4113625	302906.6	4744674.5	269.74	0.342	0.000	980311.26	-28.46	-55.30	-56.41	-58.32	
3291	42.8310621	-77.4232456	301934.9	4744688.4	292.87	0.392	0.000	980306.81	-25.76	-54.88	-56.09	-58.15	
3292	42.8301319	-77.4331999	301118.2	4744608.6	336.12	0.312	0.000	980298.28	-20.86	-54.40	-55.80	-58.18	
3293	42.8244288	-77.4421839	300365.5	4743996.5	366.90	0.345	0.001	980291.78	-17.35	-53.96	-55.49	-58.08	
3294	42.8199808	-77.4503897	299680.3	4743522.0	383.45	0.501	0.001	980288.17	-15.46	-53.60	-55.19	-57.89	
3295	42.8146655	-77.4574892	299082.7	4742948.6	406.82	0.437	0.000	980283.37	-12.56	-53.11	-54.79	-57.67	
3296	42.8103690	-77.4662672	298351.0	4742492.5	399.26	0.436	0.000	980284.76	-13.12	-52.91	-54.56	-57.38	
3297	42.8062635	-77.4768820	297469.7	4742062.0	404.41	0.532	0.000	980283.41	-12.50	-52.72	-54.39	-57.24	
3298	42.8015628	-77.4844939	296831.8	4741558.3	361.22	0.455	0.000	980291.29	-17.53	-53.47	-54.97	-57.51	
3299	42.7962105	-77.4914328	296246.8	4740980.7	340.86	0.440	0.001	980294.60	-20.02	-53.93	-55.34	-57.74	
3300	42.7896851	-77.4957937	295868.7	4740266.6	292.17	0.453	0.001	980303.11	-25.95	-54.94	-56.15	-58.21	

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TERRAIN CORR. DENSITY: 2.67

BASE CONSTANT @ STATION GENEVA: 980342.36

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
3301	42.7895654	-77.5051382	295104.0	4740276.0	250.66	0.402	0.000	980308.13	-33.73	-58.59	-59.63	-61.39
3302	42.7898638	-77.5157679	294235.5	4740335.0	246.05	0.382	0.000	980310.54	-32.77	-57.19	-58.20	-59.93
3303	42.7898313	-77.5248001	293496.6	4740353.5	273.40	0.387	0.001	980307.57	-27.29	-54.45	-55.59	-57.51
3304	42.9175262	-77.5721967	290053.1	4754651.6	254.77	0.087	0.000	980323.98	-28.15	-53.71	-54.77	-56.58
3305	42.9098969	-77.5709612	290128.1	4753801.2	268.48	0.148	0.000	980320.79	-26.43	-53.31	-54.43	-56.34
3306	42.9022661	-77.5711581	290086.1	4752954.3	269.27	0.099	0.000	980320.16	-26.13	-53.14	-54.26	-56.18
3307	42.8946987	-77.5713709	290043.0	4752114.4	271.14	0.078	0.000	980319.04	-25.98	-53.19	-54.33	-56.26
3308	42.8873174	-77.5712439	290028.4	4751294.4	272.29	0.077	0.000	980317.36	-26.65	-53.98	-55.12	-57.06
3309	42.8798752	-77.5711046	290014.5	4750467.6	273.12	0.079	0.000	980316.76	-26.31	-53.72	-54.86	-56.81
3310	42.8720925	-77.5709850	289997.8	4749603.0	279.40	0.087	0.000	980315.20	-25.24	-53.28	-54.45	-56.43
3311	42.8647468	-77.5708273	289985.8	4748786.8	266.20	0.089	0.001	980317.84	-26.01	-52.72	-53.83	-55.72
3312	42.8557436	-77.5706051	289973.4	4747786.4	262.17	0.112	0.000	980317.95	-26.32	-52.60	-53.70	-55.56
3313	42.8503319	-77.5734955	289718.9	4747192.7	264.37	0.112	0.000	980317.27	-25.84	-52.34	-53.45	-55.32
3314	42.8425781	-77.5734226	289698.5	4746331.4	283.80	0.115	0.000	980312.39	-24.02	-52.48	-53.66	-55.68
3315	42.8350182	-77.5733681	289677.3	4745491.7	278.11	0.122	0.000	980313.68	-23.81	-51.69	-52.85	-54.82
3316	42.8269648	-77.5733045	289655.2	4744597.2	281.71	0.140	0.000	980312.46	-23.19	-51.41	-52.59	-54.59
3317	42.8264858	-77.5828557	288872.8	4744567.9	302.18	0.141	0.001	980308.17	-21.12	-51.40	-52.66	-54.81
3318	42.8280623	-77.5614480	290628.1	4744689.6	248.37	0.213	0.000	980318.14	-27.90	-52.70	-53.74	-55.49
3319	42.8287834	-77.5512491	291464.2	4744744.3	246.07	0.165	0.000	980316.97	-29.84	-54.45	-55.48	-57.22
3320	42.8264149	-77.5420186	292210.8	4744458.5	245.01	0.159	0.000	980315.40	-31.52	-56.03	-57.05	-58.79
3321	42.8614945	-77.5482947	291815.7	4748369.7	257.34	0.098	0.000	980316.23	-30.06	-55.87	-56.94	-58.77
3322	42.7811637	-77.5328601	292808.5	4739410.7	318.28	0.452	0.001	980298.00	-22.23	-53.85	-55.17	-57.41
3323	42.7721152	-77.5326898	292792.2	4738405.5	355.78	0.586	0.003	980289.50	-18.35	-53.63	-55.09	-57.59
3324	42.7643839	-77.5330291	292738.6	4737547.7	380.31	0.723	0.005	980283.86	-15.72	-53.34	-54.91	-57.56
3325	42.7552627	-77.5354382	292511.1	4736540.7	367.07	0.723	0.004	980285.35	-17.50	-53.79	-55.30	-57.87
3326	42.7499594	-77.5387052	292226.0	4735959.8	393.36	0.708	0.005	980279.92	-14.33	-53.28	-54.90	-57.65
3327	42.7433576	-77.5423599	291904.7	4735235.7	448.98	0.710	0.007	980268.68	-7.80	-52.33	-54.19	-57.34
3328	42.7370502	-77.5419772	291915.0	4734534.3	475.77	0.821	0.008	980262.88	-4.77	-51.90	-53.86	-57.20
3329	42.7371294	-77.5516355	291124.6	4734567.0	466.58	0.709	0.015	980265.04	-5.46	-51.76	-53.69	-56.97
3330	42.7443761	-77.5537625	290974.8	4735377.0	475.64	0.768	0.011	980264.09	-4.27	-51.43	-53.40	-56.74
3331	42.7518373	-77.5553340	290871.3	4736209.5	481.54	0.783	0.007	980263.82	-3.39	-51.13	-53.12	-56.51
3332	42.7550931	-77.5647092	290115.0	4736594.3	503.95	1.204	0.007	980259.86	-0.72	-50.34	-52.41	-55.92
3333	42.7617991	-77.5696168	289736.0	4737351.3	493.74	1.159	0.006	980262.92	-1.42	-50.05	-52.08	-55.53
3334	42.7691151	-77.5701169	289719.8	4738165.0	472.32	0.868	0.004	980268.13	-3.48	-50.23	-52.18	-55.49
3335	42.7765081	-77.5700020	289754.3	4738985.7	453.56	0.761	0.003	980272.54	-5.52	-50.48	-52.35	-55.54

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3336	42.7841648	-77.5699644	289783.3	4739835.9	416.45	0.485	0.001	980280.91	-9.30	-50.77	-52.50	-55.44
3337	42.7918066	-77.5698999	289814.4	4740684.3	377.42	0.365	0.001	980289.35	-13.60	-51.25	-52.82	-55.49
3338	42.7984383	-77.5731959	289567.3	4741429.0	361.56	0.294	0.000	980293.41	-15.02	-51.14	-52.64	-55.20
3339	42.8055534	-77.5720692	289683.6	4742216.4	339.33	0.238	0.000	980298.63	-17.31	-51.24	-52.66	-55.06
3340	42.8125769	-77.5699113	289883.8	4742990.9	330.80	0.407	0.000	980300.64	-18.57	-51.49	-52.86	-55.20
3341	42.8202788	-77.5694879	289944.5	4743845.2	284.59	0.204	0.000	980310.99	-23.17	-51.63	-52.81	-54.83
3342	42.8264717	-77.5234682	293727.4	4744419.2	244.58	0.183	0.000	980315.07	-31.99	-56.44	-57.46	-59.19
3343	42.8264919	-77.5152940	294395.7	4744401.5	257.54	0.208	0.001	980314.21	-28.86	-54.59	-55.66	-57.48
3344	42.8265987	-77.5032668	295379.2	4744384.0	314.59	0.271	0.001	980303.19	-22.28	-53.69	-55.00	-57.23
3345	42.8205185	-77.4966807	295897.6	4743692.8	311.64	0.271	0.000	980303.04	-22.80	-53.92	-55.21	-57.42
3346	42.8129183	-77.4965497	295883.3	4742848.5	310.37	0.309	0.000	980302.81	-22.73	-53.68	-54.97	-57.17
3347	42.9135210	-77.5392800	292726.6	4754125.1	270.65	0.144	0.000	980318.54	-28.33	-55.44	-56.57	-58.49
3348	42.9227168	-77.5394908	292740.2	4755146.9	248.74	0.095	0.000	980323.52	-30.95	-55.90	-56.93	-58.70
3349	42.9191327	-77.5186203	294431.7	4754697.6	271.98	0.159	0.000	980317.55	-29.41	-56.64	-57.77	-59.70
3350	42.9120152	-77.5197307	294317.4	4753909.9	288.14	0.163	0.000	980313.72	-27.62	-56.47	-57.67	-59.71
3351	42.9043815	-77.5206691	294215.4	4753064.4	292.01	0.128	0.000	980313.08	-26.37	-55.64	-56.86	-58.93
3352	42.8969311	-77.5207949	294180.3	4752237.4	308.88	0.165	0.000	980309.36	-24.22	-55.15	-56.44	-58.63
3353	42.8892223	-77.5201083	294210.7	4751379.6	286.48	0.127	0.000	980314.04	-25.75	-54.46	-55.66	-57.70
3354	42.8832577	-77.5152923	294584.2	4750705.4	280.65	0.091	0.000	980314.70	-26.36	-54.52	-55.69	-57.69
3355	42.8797904	-77.5073670	295220.0	4750301.1	284.89	0.102	0.000	980313.93	-25.51	-54.09	-55.28	-57.30
3356	42.8721884	-77.5078592	295154.6	4749458.0	283.26	0.089	0.000	980313.45	-25.80	-54.22	-55.41	-57.42
3357	42.8636376	-77.5075793	295149.2	4748507.8	276.78	0.111	0.000	980313.54	-26.94	-54.69	-55.85	-57.81
3358	42.8557601	-77.5073895	295138.7	4747632.5	275.70	0.112	0.000	980313.16	-26.95	-54.59	-55.74	-57.70
3359	42.8521150	-77.5009109	295656.0	4747211.9	288.48	0.123	0.000	980310.43	-25.40	-54.32	-55.52	-57.57
3360	42.8453339	-77.4978828	295881.1	4746451.5	278.39	0.165	0.000	980311.66	-26.67	-54.54	-55.70	-57.67
3361	42.8378159	-77.4978220	295861.3	4745616.5	304.76	0.320	0.000	980305.14	-24.37	-54.75	-56.02	-58.17
3362	42.8302242	-77.4976704	295848.7	4744773.1	329.72	0.325	0.000	980300.39	-20.74	-53.63	-55.00	-57.33
3363	42.8313256	-77.4790756	297372.2	4744850.5	341.42	0.215	0.000	980297.96	-19.66	-53.82	-55.25	-57.67
3364	42.8273689	-77.4879903	296630.5	4744432.6	339.05	0.223	0.000	980298.35	-19.65	-53.57	-54.98	-57.38
3365	42.8085917	-77.5054587	295140.6	4742389.7	261.96	0.404	0.000	980311.17	-28.91	-54.91	-55.99	-57.83
3366	42.8013044	-77.5026118	295349.3	4741573.5	260.37	0.720	0.000	980310.23	-29.69	-55.24	-56.31	-58.12
3367	42.7935237	-77.5006396	295485.0	4740704.6	259.24	0.750	0.000	980309.23	-30.34	-55.75	-56.81	-58.61
3368	42.7830805	-77.4993902	295552.8	4739541.9	262.18	0.474	0.002	980307.04	-30.68	-56.64	-57.72	-59.56
3369	42.8663516	-77.5308696	293255.5	4748866.1	267.82	0.098	0.000	980315.67	-27.82	-54.68	-55.80	-57.70
3370	42.8688619	-77.5223361	293961.0	4749124.0	276.59	0.105	0.000	980314.48	-26.53	-54.27	-55.42	-57.39

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	GRAVITY @ 2.50	DENS 2.67
3371	42.8687714	-77.5119273	294811.0	4749088.5	285.03	0.141	0.000	980312.64	-25.76	-54.32	-55.51	-57.53	
3372	42.8687005	-77.5007968	295720.0	4749053.5	277.02	0.097	0.000	980314.17	-26.69	-54.48	-55.64	-57.61	
3373	42.8686368	-77.4906772	296546.5	4749021.9	276.76	0.106	0.000	980314.10	-26.83	-54.59	-55.74	-57.71	
3374	42.8689003	-77.4816116	297287.9	4749029.3	275.96	0.107	0.000	980314.07	-27.14	-54.81	-55.97	-57.93	
3375	42.7755858	-77.4991369	295548.8	4738709.0	261.03	0.901	0.012	980306.56	-30.84	-56.29	-57.35	-59.15	
3376	42.7682150	-77.5011182	295362.5	4737895.2	257.20	0.906	0.011	980306.30	-31.61	-56.67	-57.71	-59.49	
3377	42.7590861	-77.5030316	295175.8	4736886.1	256.13	1.004	0.217	980305.35	-32.07	-56.76	-57.79	-59.52	
3378	42.7523570	-77.5037936	295091.3	4736140.7	260.58	1.292	0.224	980303.77	-31.67	-56.54	-57.57	-59.33	
3379	42.7446904	-77.5047628	294986.7	4735291.7	259.19	1.634	0.343	980302.74	-32.44	-56.76	-57.77	-59.48	
3380	42.7372534	-77.5039272	295030.6	4734463.8	264.26	1.967	0.216	980300.84	-32.11	-56.75	-57.78	-59.51	
3381	42.7299711	-77.5025749	295117.3	4733651.8	258.44	1.726	0.004	980301.81	-32.28	-56.74	-57.75	-59.49	
3382	42.7806707	-77.4920031	296149.2	4739256.4	305.50	0.446	0.003	980299.32	-24.82	-55.16	-56.43	-58.57	
3383	42.7738061	-77.4827846	296880.8	4738471.8	366.34	0.578	0.003	980287.01	-17.73	-54.08	-55.59	-58.16	
3384	42.7696942	-77.4771433	297329.0	4738001.6	401.38	0.715	0.003	980279.30	-14.25	-54.00	-55.65	-58.47	
3385	42.5678234	-77.5903968	287375.1	4715862.3	415.96	0.211	0.000	980259.37	-11.48	-53.15	-54.88	-57.84	
3386	42.5749875	-77.5897457	287452.9	4716656.2	428.64	0.219	0.000	980259.38	-8.20	-51.14	-52.93	-55.97	
3387	42.5823591	-77.5891103	287530.1	4717473.3	451.23	0.285	0.000	980255.85	-5.43	-50.58	-52.46	-55.66	
3388	42.5908242	-77.5889852	287569.1	4718413.0	462.19	0.445	0.000	980254.33	-4.33	-50.44	-52.36	-55.63	
3389	42.5973911	-77.5858960	287844.9	4719134.5	449.06	0.330	0.000	980257.73	-5.57	-50.46	-52.33	-55.51	
3390	42.6012031	-77.5800611	288336.5	4719543.2	459.22	0.457	0.000	980256.22	-4.29	-50.09	-52.00	-55.24	
3391	42.6094409	-77.5798748	288379.7	4720457.5	453.43	0.452	0.000	980257.58	-5.46	-50.68	-52.57	-55.77	
3392	42.6114086	-77.5739192	288874.9	4720661.1	475.28	0.590	0.000	980253.62	-2.86	-50.16	-52.13	-55.48	
3393	42.6166843	-77.5775736	288593.0	4721256.1	478.76	0.652	0.000	980253.24	-2.63	-50.22	-52.20	-55.58	
3394	42.6237727	-77.5797209	288440.9	4722048.7	473.67	0.831	0.001	980254.54	-3.54	-50.46	-52.41	-55.74	
3395	42.6326674	-77.5795431	288485.6	4723036.0	472.98	0.992	0.000	980255.32	-3.78	-50.48	-52.43	-55.74	
3396	42.6407982	-77.5793513	288528.9	4723938.4	451.53	0.933	0.000	980260.37	-6.09	-50.69	-52.55	-55.71	
3397	42.6470754	-77.5791308	288568.3	4724634.9	430.99	0.816	0.000	980265.05	-8.30	-50.94	-52.71	-55.73	
3398	42.6545479	-77.5789860	288605.4	4725464.4	415.86	0.644	0.001	980268.80	-9.90	-51.17	-52.89	-55.81	
3399	42.6620241	-77.5787881	288647.0	4726294.1	409.37	0.579	0.002	980270.55	-10.83	-51.50	-53.20	-56.08	
3400	42.6685109	-77.5785476	288688.7	4727013.9	393.80	0.645	0.002	980274.08	-12.68	-51.73	-53.36	-56.12	
3401	42.6730194	-77.5707292	289344.7	4727495.0	422.24	0.747	0.002	980268.85	-9.55	-51.37	-53.11	-56.07	
3402	42.6789660	-77.5640129	289915.1	4728138.6	449.24	0.892	0.003	980263.91	-6.69	-51.10	-52.95	-56.09	
3403	42.6848455	-77.5576810	290453.7	4728775.8	455.98	0.945	0.004	980263.00	-6.05	-51.09	-52.96	-56.15	
3404	42.6952189	-77.5563727	290595.8	4729924.6	423.91	0.824	0.007	980270.10	-9.79	-51.70	-53.44	-56.41	
3405	42.7027368	-77.5561978	290635.4	4730759.0	421.61	0.802	0.015	980271.23	-10.04	-51.74	-53.47	-56.42	

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Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
3406	42.7104223	-77.5560421	290674.0	4731612.1	428.55	0.785	0.032	980270.59	-9.23	-51.62	-53.39	-56.39
3407	42.7174497	-77.5532702	290924.6	4732385.6	439.74	0.863	0.028	980268.76	-8.25	-51.71	-53.51	-56.59
3408	42.7249959	-77.5528678	290982.9	4733222.6	444.71	0.851	0.027	980268.36	-7.79	-51.76	-53.59	-56.69
3409	42.7328018	-77.5508234	291176.5	4734084.4	461.22	0.674	0.018	980265.75	-6.01	-51.80	-53.71	-56.95
3410	42.7277689	-77.5389749	292129.7	4733496.2	533.78	1.476	0.011	980250.18	1.26	-51.12	-53.30	-57.01
3411	42.7202012	-77.5353430	292401.9	4732646.9	553.34	1.633	0.010	980245.65	3.46	-50.75	-53.00	-56.84
3412	42.7144597	-77.5320276	292654.2	4732001.2	570.59	1.907	0.007	980241.57	5.22	-50.47	-52.80	-56.74
3413	42.7072923	-77.5281921	292944.5	4731195.8	591.49	2.196	0.005	980236.64	7.38	-50.17	-52.57	-56.63
3414	42.6997225	-77.5281628	292921.7	4730355.1	594.82	1.758	0.004	980235.56	8.01	-50.27	-52.69	-56.82
3415	42.6927826	-77.5261498	293063.5	4729579.5	631.41	2.152	0.002	980227.64	12.01	-49.59	-52.16	-56.52
3416	42.6853800	-77.5264773	293012.1	4728758.2	649.37	1.927	0.003	980223.78	14.36	-49.25	-51.90	-56.41
3417	42.6789100	-77.5287016	292808.4	4728045.2	614.97	1.467	0.002	980230.85	11.40	-49.17	-51.69	-55.98
3418	42.6707118	-77.5334314	292393.5	4727146.4	608.04	1.228	0.001	980231.93	11.07	-49.01	-51.52	-55.77
3419	42.6631508	-77.5347886	292257.1	4726310.1	573.49	0.924	0.002	980238.53	7.70	-49.18	-51.55	-55.58
3420	42.6561821	-77.5359868	292135.6	4725539.2	574.09	0.816	0.001	980237.98	7.96	-49.08	-51.45	-55.49
3421	42.6494999	-77.5352601	292173.0	4724795.3	596.02	0.955	0.001	980232.99	10.35	-48.77	-51.23	-55.42
3422	42.6401131	-77.5292248	292636.5	4723738.1	526.38	0.911	0.001	980246.02	2.73	-49.42	-51.59	-55.29
3423	42.6328159	-77.5272188	292776.8	4722922.9	523.77	0.779	0.000	980245.95	2.51	-49.50	-51.66	-55.35
3424	42.6258347	-77.5231695	293085.7	4722137.7	513.65	0.874	0.000	980247.63	1.69	-49.21	-51.33	-54.94
3425	42.6182446	-77.5193269	293375.7	4721285.4	513.22	0.786	0.000	980247.36	1.98	-48.96	-51.08	-54.69
3426	42.6118162	-77.5217304	293157.3	4720577.4	482.76	0.846	0.000	980252.56	-1.65	-49.47	-51.46	-54.85
3427	42.6039034	-77.5219692	293111.5	4719699.3	506.91	0.650	0.000	980247.69	1.65	-48.78	-50.88	-54.45
3428	42.5972756	-77.5263001	292734.2	4718973.9	491.66	0.524	0.000	980249.70	-0.44	-49.45	-51.49	-54.96
3429	42.5896623	-77.5319223	292247.6	4718142.2	452.59	0.680	0.000	980256.99	-4.53	-49.46	-51.34	-54.52
3430	42.5819102	-77.5320631	292210.3	4717281.7	438.74	0.718	0.000	980259.25	-5.84	-49.35	-51.16	-54.24
3431	42.5746300	-77.5339115	292034.4	4716477.8	431.05	0.570	0.000	980259.51	-7.30	-50.16	-51.95	-54.99
3432	42.5673558	-77.5374098	291723.1	4715678.6	423.30	0.395	0.000	980259.61	-8.94	-51.18	-52.94	-55.93
3433	42.5639625	-77.5280828	292477.4	4715278.9	448.32	0.528	0.000	980255.20	-5.32	-49.96	-51.82	-54.98
3434	42.5625586	-77.5185524	293255.2	4715099.7	435.33	0.646	0.000	980257.47	-6.93	-50.16	-51.96	-55.02
3435	42.5633037	-77.5081152	294114.4	4715157.0	414.43	0.508	0.000	980261.03	-9.88	-51.13	-52.85	-55.77
3436	42.5657321	-77.5014524	294669.4	4715410.5	417.07	0.446	0.000	980261.11	-9.21	-50.78	-52.51	-55.46
3437	42.5733784	-77.5012815	294708.5	4716259.2	442.80	0.816	0.000	980257.15	-5.92	-49.75	-51.57	-54.68
3438	42.5805095	-77.5033050	294565.8	4717056.0	458.03	1.174	0.000	980254.75	-4.27	-49.31	-51.18	-54.37
3439	42.5874925	-77.5002017	294843.4	4717823.9	468.05	1.054	0.000	980253.83	-2.72	-48.87	-50.80	-54.06
3440	42.5954492	-77.5030345	294637.1	4718714.3	498.57	0.764	0.000	980248.72	0.87	-48.61	-50.68	-54.18

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Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
3441	42.6024197	-77.5082861	294229.2	4719501.2	530.92	0.879	0.000	980242.99	4.50	-48.14	-50.33	-54.06
3442	42.6101130	-77.5080425	294274.5	4720354.9	551.32	0.895	0.000	980239.58	6.68	-47.99	-50.27	-54.15
3443	42.6168582	-77.5123225	293945.6	4721114.4	517.07	0.608	0.001	980246.31	2.24	-49.25	-51.39	-55.04
3444	42.6225280	-77.5069645	294403.8	4721730.9	527.83	0.733	0.000	980245.01	3.75	-48.71	-50.89	-54.61
3445	42.6303776	-77.5027930	294771.7	4722592.5	555.02	0.979	0.000	980240.08	6.50	-48.47	-50.76	-54.66
3446	42.6371531	-77.5025798	294811.5	4723344.4	600.28	1.132	0.000	980231.50	11.28	-48.11	-50.58	-54.79
3447	42.6454230	-77.5053314	294613.1	4724269.4	621.18	1.741	0.000	980227.26	12.75	-48.19	-50.73	-55.05
3448	42.6505966	-77.5116497	294112.1	4724859.3	620.93	1.529	0.002	980227.74	12.68	-48.43	-50.98	-55.31
3449	42.6559854	-77.5275407	292827.3	4725496.6	557.91	1.062	0.000	980241.00	6.00	-49.19	-51.49	-55.40
3450	42.6181902	-77.3339125	308583.2	4720843.0	537.46	1.034	0.002	980243.10	5.21	-47.95	-50.16	-53.93
3451	42.6126487	-77.3381499	308218.6	4720237.2	547.57	1.178	0.001	980240.69	6.41	-47.63	-49.88	-53.71
3452	42.6052707	-77.3406409	307991.6	4719423.6	480.55	0.679	0.000	980253.63	-0.66	-48.41	-50.40	-53.78
3453	42.6028682	-77.3308745	308785.5	4719134.7	441.51	0.932	0.000	980260.31	-5.81	-49.40	-51.22	-54.31
3454	42.6020778	-77.3186309	309787.5	4719019.3	378.76	1.624	0.000	980272.09	-13.33	-49.98	-51.51	-54.11
3455	42.6022483	-77.3086161	310609.6	4719015.7	358.92	1.890	0.000	980275.21	-16.34	-50.76	-52.19	-54.63
3456	42.6015888	-77.2986356	311426.5	4718920.2	382.01	2.279	0.000	980270.94	-13.43	-49.82	-51.34	-53.92
3457	42.6003064	-77.2880852	312288.2	4718754.3	477.35	1.721	0.000	980252.80	-2.04	-48.53	-50.47	-53.76
3458	42.6002497	-77.2773536	313168.4	4718724.3	527.48	0.824	0.002	980243.38	4.02	-48.32	-50.50	-54.21
3459	42.6000581	-77.2658727	314109.8	4718677.7	534.04	0.650	0.001	980242.64	5.32	-47.84	-50.05	-53.82
3460	42.5972756	-77.2557822	314929.4	4718346.6	502.36	0.509	0.001	980248.97	2.13	-47.97	-50.05	-53.60
3461	42.5980851	-77.2470627	315647.2	4718417.5	489.03	0.489	0.002	980251.84	0.81	-47.96	-49.99	-53.45
3462	42.5905378	-77.4049823	302666.8	4717935.6	338.38	0.883	0.000	980280.14	-16.70	-49.96	-51.34	-53.70
3463	42.5908321	-77.3950386	303483.6	4717945.1	369.99	1.168	0.000	980273.74	-13.37	-49.55	-51.06	-53.62
3464	42.5937418	-77.3846202	304347.6	4718244.1	433.71	0.570	0.000	980261.04	-6.67	-49.80	-51.60	-54.65
3465	42.5954098	-77.3732237	305287.9	4718403.0	434.58	0.675	0.000	980261.18	-6.42	-49.54	-51.34	-54.40
3466	42.5955353	-77.3653137	305937.3	4718398.8	444.53	0.539	0.000	980259.46	-5.08	-49.33	-51.17	-54.31
3467	42.5928970	-77.3549382	306780.5	4718082.1	463.19	0.616	0.001	980256.02	-2.51	-48.57	-50.49	-53.75
3468	42.5942546	-77.3473840	307404.5	4718215.6	470.99	0.473	0.001	980254.52	-1.73	-48.70	-50.66	-53.99
3469	42.5977214	-77.3392023	308086.4	4718582.0	438.33	0.731	0.000	980261.00	-5.64	-49.09	-50.90	-53.98
3470	42.5991955	-77.3289691	308930.5	4718722.5	406.23	1.196	0.001	980267.20	-9.48	-49.28	-50.94	-53.76
3471	42.5935131	-77.3330339	308579.7	4718100.7	457.64	0.880	0.000	980256.72	-3.58	-48.84	-50.73	-53.93
3472	42.5871520	-77.3378349	308166.2	4717405.2	527.51	0.784	0.000	980242.96	4.79	-47.59	-49.77	-53.48
3473	42.5786499	-77.3359113	308298.0	4716456.7	564.57	0.719	0.000	980234.95	8.98	-47.19	-49.53	-53.51
3474	42.5719730	-77.3355896	308303.9	4715714.5	570.03	0.809	0.000	980233.20	9.52	-47.11	-49.47	-53.49
3475	42.5662905	-77.3359441	308257.4	4715084.3	621.39	0.824	0.000	980222.92	15.61	-46.18	-48.75	-53.13

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY @ 2.50	DENS 2.67
3476	42.5616314	-77.3279983	308895.4	4714549.0	642.52	0.899	0.000	980218.27	17.89	-45.96	-48.62	-53.14
3477	42.5569113	-77.3220690	309367.8	4714011.4	638.71	0.820	0.000	980218.59	17.46	-46.08	-48.72	-53.22
3478	42.5506134	-77.3139859	310012.3	4713293.9	633.91	0.978	0.000	980218.97	16.93	-45.98	-48.60	-53.06
3479	42.5441320	-77.3085265	310441.0	4712561.9	596.63	0.788	0.000	980225.94	12.98	-46.35	-48.82	-53.02
3480	42.5383218	-77.3006146	311073.2	4711899.1	555.02	0.655	0.000	980233.80	8.53	-46.73	-49.04	-52.95
3481	42.5326757	-77.2948565	311529.0	4711259.3	515.34	0.757	0.001	980241.16	4.14	-47.04	-49.17	-52.80
3482	42.5259773	-77.2917624	311763.0	4710508.6	465.84	0.531	0.002	980250.62	-1.07	-47.47	-49.40	-52.69
3483	42.5190274	-77.2894234	311934.3	4709731.6	439.02	0.501	0.001	980255.31	-4.03	-47.76	-49.58	-52.68
3484	42.5117561	-77.2878762	312039.6	4708920.7	427.94	0.469	0.002	980256.92	-5.18	-47.82	-49.60	-52.62
3485	42.5041758	-77.2862043	312154.3	4708075.3	413.58	0.594	0.001	980259.29	-6.56	-47.64	-49.36	-52.27
3486	42.4981990	-77.2869626	312074.1	4707413.3	404.75	0.653	0.000	980260.47	-7.57	-47.71	-49.39	-52.23
3487	42.4999522	-77.3304750	308503.7	4707705.3	585.03	0.595	0.000	980225.53	12.97	-45.37	-47.80	-51.93
3488	42.5075441	-77.3226794	309167.4	4708530.8	594.55	0.606	0.000	980224.18	13.88	-45.40	-47.87	-52.07
3489	42.5162054	-77.3221317	309238.8	4709491.4	597.56	0.647	0.000	980224.05	13.89	-45.66	-48.14	-52.36
3490	42.5237674	-77.3220548	309268.1	4710330.9	582.95	0.582	0.000	980227.42	12.07	-46.07	-48.49	-52.61
3491	42.5311640	-77.3219920	309295.8	4711152.1	603.67	0.669	0.000	980223.76	14.15	-46.00	-48.50	-52.76
3492	42.5388738	-77.3220056	309318.1	4712008.3	633.20	0.907	0.000	980218.25	17.05	-45.85	-48.47	-52.93
3493	42.5469618	-77.3220386	309340.0	4712906.5	657.06	1.027	0.000	980214.01	19.44	-45.76	-48.47	-53.09
3494	42.5155487	-77.3671009	305542.4	4709520.7	590.91	0.723	0.000	980224.64	12.49	-46.32	-48.77	-52.94
3495	42.5205089	-77.3595315	306179.6	4710054.1	604.64	0.762	0.000	980222.30	13.94	-46.22	-48.73	-52.99
3496	42.5253968	-77.3520306	306810.8	4710579.8	625.23	0.834	0.000	980218.60	16.16	-46.01	-48.60	-53.00
3497	42.5296174	-77.3432703	307543.3	4711028.5	599.95	0.695	0.000	980224.12	13.50	-46.25	-48.74	-52.97
3498	42.5295747	-77.3342540	308283.8	4711003.3	641.28	0.859	0.000	980215.95	18.08	-45.68	-48.34	-52.85
3499	42.5295499	-77.3160142	309781.8	4710959.5	597.37	0.696	0.000	980224.96	13.54	-45.95	-48.43	-52.64
3500	42.5267593	-77.3052192	310660.1	4710625.4	531.20	0.853	0.000	980237.53	5.94	-46.75	-48.94	-52.68
3501	42.5238693	-77.2955830	311442.9	4710283.0	464.60	0.912	0.000	980250.41	-1.47	-47.40	-49.32	-52.57
3502	42.5203418	-77.2809449	312634.7	4709858.8	420.54	0.461	0.002	980258.76	-6.40	-48.30	-50.05	-53.02
3503	42.5248634	-77.2750241	313134.6	4710347.8	427.49	0.657	0.002	980257.74	-5.68	-48.11	-49.88	-52.88
3504	42.5331861	-77.2640043	314064.5	4711247.8	506.17	0.825	0.002	980243.46	3.57	-46.62	-48.72	-52.27
3505	42.5360011	-77.2570280	314645.8	4711545.1	519.04	0.458	0.002	980241.57	5.40	-46.42	-48.58	-52.25
3506	42.5366980	-77.2465366	315509.5	4711599.5	509.57	0.361	0.004	980243.70	4.55	-46.40	-48.53	-52.14
3507	42.5247876	-77.2880721	312062.6	4710368.3	441.54	0.501	0.000	980255.19	-3.89	-47.87	-49.70	-52.82
3508	42.5320363	-77.2863713	312224.0	4711169.4	442.47	0.555	0.000	980255.43	-4.02	-48.05	-49.88	-53.00
3509	42.5397088	-77.2845151	312399.5	4712017.3	452.60	0.518	0.001	980254.10	-2.91	-47.99	-49.87	-53.06
3510	42.5467494	-77.2858434	312311.5	4712802.1	494.19	0.540	0.000	980246.40	1.59	-47.65	-49.71	-53.19

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3511	42.5540820	-77.2831972	312550.7	4713610.5	528.22	0.781	0.001	980240.10	5.13	-47.32	-49.51	-53.22
3512	42.5610733	-77.2817493	312690.5	4714383.6	558.88	0.910	0.001	980234.47	8.33	-47.09	-49.40	-53.33
3513	42.5683640	-77.2780826	313013.3	4715185.1	572.73	0.860	0.001	980232.38	9.86	-47.00	-49.37	-53.40
3514	42.5762456	-77.2735119	313412.0	4716050.2	573.58	0.799	0.001	980233.02	10.05	-46.95	-49.33	-53.36
3515	42.5836609	-77.2734757	313437.1	4716873.6	581.68	0.906	0.002	980231.99	10.86	-46.86	-49.27	-53.35
3516	42.5912021	-77.2735148	313456.4	4717711.1	570.90	0.974	0.000	980234.56	9.42	-47.15	-49.51	-53.52
3517	42.5991275	-77.2734319	313486.8	4718591.0	530.78	0.671	0.001	980242.71	4.47	-48.34	-50.54	-54.28
3518	42.5230542	-77.3644747	305781.4	4710348.1	529.12	1.634	0.000	980236.59	4.69	-47.09	-49.24	-52.91
3519	42.5241451	-77.3711182	305239.0	4710484.5	466.02	2.308	0.000	980247.97	-3.50	-48.32	-50.19	-53.36
3520	42.5221523	-77.3805473	304458.3	4710284.9	448.64	2.054	0.000	980251.26	-5.39	-48.69	-50.49	-53.56
3521	42.5169712	-77.3887641	303767.1	4709728.6	439.97	1.566	0.000	980253.05	-5.80	-48.67	-50.45	-53.49
3522	42.5097869	-77.3953892	303200.3	4708946.1	437.19	1.859	0.000	980252.84	-6.23	-48.55	-50.32	-53.31
3523	42.5029714	-77.4014469	302681.1	4708203.4	421.51	2.006	0.000	980255.40	-7.89	-48.50	-50.20	-53.07
3524	42.5293051	-77.3862221	304014.5	4711092.3	442.59	1.917	0.000	980252.68	-6.48	-49.29	-51.08	-54.11
3525	42.5360924	-77.3884135	303855.8	4711851.1	443.79	2.674	0.000	980252.51	-6.89	-49.15	-50.91	-53.90
3526	42.5446462	-77.3874533	303961.4	4712798.7	450.79	2.781	0.000	980251.69	-6.32	-49.18	-50.97	-54.01
3527	42.5523783	-77.3898321	303790.3	4713662.9	448.29	1.265	0.000	980254.29	-5.19	-49.16	-51.00	-54.11
3528	42.5586175	-77.3940481	303463.7	4714365.5	452.58	0.664	0.000	980254.41	-4.31	-49.26	-51.13	-54.31
3529	42.5641011	-77.3992408	303054.7	4714986.5	457.98	0.682	0.000	980253.81	-3.74	-49.21	-51.11	-54.33
3530	42.5707990	-77.4024962	302808.5	4715737.9	460.58	0.913	0.000	980253.61	-3.74	-49.27	-51.16	-54.39
3531	42.5781383	-77.4024437	302836.0	4716552.7	408.87	1.394	0.000	980264.80	-9.17	-49.06	-50.72	-53.55
3532	42.5841423	-77.4050676	302639.6	4717225.6	374.94	0.948	0.000	980272.08	-12.90	-49.78	-51.31	-53.93
3533	42.5990648	-77.4071496	302515.9	4718887.5	308.95	1.093	0.000	980286.07	-20.62	-50.73	-51.98	-54.11
3534	42.5623109	-77.4050467	302572.4	4714801.2	461.73	0.660	0.000	980252.29	-3.94	-49.81	-51.72	-54.97
3535	42.5629544	-77.4145432	301794.8	4714894.9	489.17	1.018	0.000	980247.77	-0.05	-48.36	-50.37	-53.79
3536	42.5585887	-77.4170781	301572.9	4714416.0	580.39	1.051	0.000	980229.40	10.13	-47.33	-49.72	-53.79
3537	42.5495757	-77.4179361	301473.9	4713417.2	594.15	0.902	0.000	980225.97	11.75	-47.23	-49.69	-53.86
3538	42.5468251	-77.4287943	300573.6	4713137.2	506.43	1.183	0.000	980242.71	1.67	-48.23	-50.31	-53.84
3539	42.5401176	-77.4340568	300120.0	4712404.8	479.74	1.196	0.000	980247.14	-1.54	-48.74	-50.71	-54.05
3540	42.5349494	-77.4375932	299813.1	4711839.2	465.96	1.656	0.000	980249.27	-3.19	-48.59	-50.48	-53.70
3541	42.5302213	-77.4279456	300590.4	4711291.4	510.72	1.417	0.000	980240.38	2.16	-47.96	-50.05	-53.60
3542	42.5239059	-77.4279258	300571.9	4710590.1	577.19	0.602	0.000	980227.52	10.38	-47.16	-49.56	-53.63
3543	42.5173137	-77.4313350	300270.9	4709866.1	616.23	0.927	0.000	980219.18	14.68	-46.50	-49.05	-53.38
3544	42.5094928	-77.4317649	300210.6	4708998.6	587.18	0.664	0.000	980224.64	11.88	-46.61	-49.05	-53.19
3545	42.5050963	-77.4368557	299778.3	4708522.4	537.66	0.780	0.000	980234.15	6.51	-46.89	-49.12	-52.90

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BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
3546	42.4993113	-77.4402576	299480.3	4707888.0	506.20	1.251	0.000	980239.66	2.84	-46.97	-49.05	-52.58	
3547	42.5006464	-77.2416302	315806.5	4707585.5	454.21	0.261	0.005	980251.96	-1.03	-46.50	-48.40	-51.61	
3548	42.5082621	-77.2418177	315813.5	4708431.6	485.38	0.340	0.004	980246.54	2.48	-46.06	-48.08	-51.52	
3549	42.5156967	-77.2419888	315821.2	4709257.6	454.52	0.338	0.003	980253.13	-1.13	-46.56	-48.46	-51.68	
3550	42.5228571	-77.2421074	315832.5	4710052.9	456.95	0.368	0.003	980253.23	-0.92	-46.57	-48.47	-51.71	
3551	42.5302878	-77.2422456	315843.0	4710878.4	483.42	0.321	0.004	980248.58	1.94	-46.42	-48.43	-51.86	
3552	42.5378524	-77.2423782	315854.4	4711718.7	516.92	0.390	0.004	980242.48	5.49	-46.18	-48.33	-51.99	
3553	42.5456076	-77.2425307	315864.6	4712580.2	523.65	0.423	0.003	980241.57	5.95	-46.36	-48.54	-52.25	
3554	42.5516198	-77.2368724	316346.9	4713235.5	524.70	0.445	0.003	980241.83	5.99	-46.41	-48.59	-52.31	
3555	42.5587341	-77.2337885	316621.0	4714018.9	520.08	0.454	0.001	980243.01	5.11	-46.82	-48.98	-52.66	
3556	42.5691382	-77.2314931	316839.9	4715169.2	507.85	0.453	0.001	980246.08	3.47	-47.23	-49.34	-52.93	
3557	42.5764448	-77.2317452	316840.6	4715981.1	477.14	0.455	0.002	980252.60	-0.15	-47.76	-49.74	-53.11	
3558	42.5778763	-77.2415214	316042.4	4716161.3	466.40	0.427	0.002	980254.65	-1.54	-48.09	-50.03	-53.33	
3559	42.5841300	-77.2469385	315616.2	4716867.5	435.34	0.519	0.001	980260.92	-5.42	-48.76	-50.57	-53.64	
3560	42.5910552	-77.2482884	315525.9	4717639.5	478.51	0.414	0.001	980253.38	-0.26	-48.04	-50.03	-53.42	
3561	42.5997983	-77.2498392	315424.5	4718613.8	504.73	0.535	0.001	980248.92	2.58	-47.73	-49.83	-53.39	
3562	42.6088902	-77.2490245	315518.1	4719621.6	575.16	1.067	0.001	980235.71	10.29	-46.63	-49.00	-53.03	
3563	42.6169252	-77.2485029	315584.6	4720512.7	596.02	1.232	0.000	980232.21	12.50	-46.37	-48.82	-52.99	
3564	42.6243407	-77.2486413	315595.2	4721336.5	601.90	1.375	0.001	980231.49	12.92	-46.41	-48.89	-53.09	
3565	42.6323020	-77.2488100	315604.9	4722221.0	598.61	1.481	0.001	980232.79	12.49	-46.42	-48.87	-53.04	
3566	42.5982006	-77.2375137	316431.0	4718409.5	474.71	0.439	0.001	980254.71	-0.75	-48.13	-50.10	-53.46	
3567	42.5982630	-77.2275342	317249.9	4718394.9	462.89	0.432	0.001	980257.33	-1.78	-47.97	-49.90	-53.17	
3568	42.5983062	-77.2171828	318099.3	4718377.3	446.58	0.379	0.003	980260.85	-3.30	-47.90	-49.76	-52.92	
3569	42.5983423	-77.2072151	318917.2	4718360.0	472.11	0.445	0.004	980255.96	-0.32	-47.43	-49.39	-52.73	
3570	42.5983330	-77.1984548	319636.0	4718340.2	448.11	0.459	0.004	980260.76	-2.92	-47.60	-49.46	-52.63	
3571	42.5983460	-77.1887097	320435.5	4718320.9	407.38	0.467	0.005	980268.86	-7.39	-47.96	-49.66	-52.52	
3572	42.6111466	-77.1918450	320215.1	4719749.1	412.04	0.497	0.003	980269.17	-6.80	-47.82	-49.53	-52.43	
3573	42.6051696	-77.1891755	320416.9	4719079.7	407.20	0.492	0.005	980269.55	-7.38	-47.91	-49.60	-52.47	
3574	42.6118323	-77.2143788	318368.7	4719873.3	464.59	0.408	0.002	980258.65	-1.16	-47.55	-49.48	-52.76	
3575	42.6041975	-77.2138289	318391.6	4719024.3	467.10	0.412	0.003	980257.39	-0.96	-47.59	-49.54	-52.84	
3576	42.5905461	-77.2137335	318359.8	4717508.2	462.87	0.408	0.004	980256.85	-1.57	-47.78	-49.71	-52.98	
3577	42.5830484	-77.2137079	318340.1	4716675.6	441.23	0.329	0.004	980260.24	-4.18	-48.29	-50.12	-53.25	
3578	42.5764843	-77.2138627	318308.3	4715947.0	470.78	0.382	0.005	980254.20	-0.52	-47.55	-49.51	-52.83	
3579	42.5763457	-77.2218660	317651.1	4715948.8	490.47	0.501	0.005	980250.13	1.51	-47.40	-49.43	-52.90	
3580	42.5691842	-77.2217090	317643.1	4715153.2	497.67	0.456	0.005	980248.30	2.54	-47.13	-49.20	-52.72	

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STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	DENS 2.67
3581	42.5620766	-77.2216115	317630.4	4714363.7	502.76	0.451	0.005	980246.88	3.33	-46.86	-48.95	-52.49	
3582	42.5546194	-77.2213214	317632.5	4713535.0	486.47	0.399	0.005	980249.76	1.86	-46.73	-48.76	-52.19	
3583	42.5475585	-77.2182011	317868.1	4712744.2	514.92	0.525	0.006	980243.94	5.46	-45.87	-48.01	-51.65	
3584	42.5398496	-77.2171189	317934.6	4711885.9	504.27	0.470	0.006	980245.67	4.59	-45.72	-47.82	-51.38	
3585	42.5339454	-77.2169755	317929.2	4711229.9	508.12	0.481	0.007	980244.49	5.14	-45.55	-47.66	-51.25	
3586	42.5348848	-77.2249198	317279.5	4711351.3	525.16	0.516	0.007	980241.05	6.86	-45.51	-47.70	-51.41	
3587	42.5360414	-77.2331996	316602.9	4711497.7	503.94	0.384	0.004	980245.27	4.44	-45.93	-48.03	-51.59	
3588	42.5264281	-77.2167561	317925.4	4710394.7	498.91	0.394	0.004	980245.77	4.25	-45.60	-47.68	-51.21	
3589	42.5188883	-77.2170885	317876.2	4709558.1	500.05	0.410	0.005	980244.91	4.42	-45.53	-47.61	-51.15	
3590	42.5117136	-77.2164836	317905.0	4708760.1	493.42	0.408	0.006	980245.58	3.69	-45.59	-47.64	-51.13	
3591	42.5187650	-77.2330775	316562.3	4709578.9	485.77	0.323	0.006	980247.46	2.58	-46.00	-48.03	-51.47	
3592	42.5182612	-77.2231917	317373.0	4709501.6	493.88	0.347	0.008	980245.95	3.62	-45.76	-47.82	-51.31	
3593	42.5193763	-77.2069120	318713.6	4709590.5	489.43	0.468	0.011	980247.01	3.20	-45.62	-47.66	-51.11	
3594	42.5196459	-77.1968700	319539.3	4709599.0	455.11	0.470	0.015	980253.76	-0.66	-46.03	-47.92	-51.13	
3595	42.5010532	-77.1883316	320187.4	4707516.2	415.02	0.457	0.026	980260.10	-5.02	-46.35	-48.08	-51.00	
3596	42.5082739	-77.1905175	320028.5	4708322.7	415.46	0.425	0.019	980260.53	-5.11	-46.52	-48.24	-51.18	
3597	42.5156525	-77.1917610	319947.5	4709144.7	427.57	0.438	0.016	980258.77	-3.80	-46.42	-48.20	-51.21	
3598	42.5231143	-77.1944089	319751.4	4709978.9	447.88	0.510	0.016	980255.41	-1.56	-46.16	-48.02	-51.17	
3599	42.5288827	-77.1958833	319646.9	4710622.6	455.97	0.520	0.013	980254.28	-0.71	-46.12	-48.01	-51.23	
3600	42.5343168	-77.1973577	319541.5	4711229.2	469.23	0.576	0.013	980252.04	0.65	-46.04	-47.99	-51.29	
3601	42.5346994	-77.2074110	318716.9	4711293.1	469.61	0.475	0.009	980252.14	0.83	-45.99	-47.94	-51.26	
3602	42.5417281	-77.2061341	318842.1	4712070.9	466.84	0.434	0.009	980253.19	0.40	-46.18	-48.12	-51.42	
3603	42.5491800	-77.2063519	318845.8	4712898.9	467.80	0.513	0.009	980253.33	0.15	-46.45	-48.40	-51.70	
3604	42.5568407	-77.2051123	318969.7	4713746.9	451.86	0.350	0.009	980256.84	-1.94	-47.09	-48.97	-52.17	
3605	42.5620400	-77.2042883	319052.4	4714322.5	454.18	0.345	0.007	980256.67	-1.86	-47.24	-49.14	-52.35	
3606	42.5620657	-77.2126617	318365.1	4714343.3	471.17	0.376	0.009	980253.21	-0.09	-47.16	-49.12	-52.45	
3607	42.5622990	-77.1924047	320028.7	4714325.9	438.69	0.403	0.012	980259.97	-3.37	-47.14	-48.97	-52.07	
3608	42.5694573	-77.1919122	320089.7	4715119.8	424.00	0.412	0.011	980263.26	-5.26	-47.55	-49.31	-52.30	
3609	42.5623033	-77.1824262	320847.9	4714305.2	402.83	0.733	0.018	980266.91	-7.50	-47.36	-49.02	-51.84	
3610	42.5564186	-77.1901833	320194.2	4713668.2	428.33	0.377	0.013	980261.74	-4.27	-47.02	-48.81	-51.84	
3611	42.5495340	-77.1898024	320205.7	4712902.9	426.34	0.370	0.015	980261.73	-4.27	-46.83	-48.60	-51.62	
3612	42.5431152	-77.1862716	320477.2	4712182.6	420.56	0.454	0.017	980262.29	-4.91	-46.81	-48.55	-51.52	
3613	42.5368812	-77.1826246	320758.8	4711482.7	401.22	0.641	0.017	980265.14	-7.47	-47.26	-48.91	-51.73	
3614	42.5323027	-77.1708141	321715.7	4710949.3	348.12	0.709	0.026	980275.34	-13.24	-47.61	-49.05	-51.47	
3615	42.5286823	-77.1532804	323145.6	4710510.5	221.70	0.961	0.040	980298.86	-28.41	-49.83	-50.71	-52.23	

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3616	42.5279625	-77.1736912	321467.1	4710473.4	351.73	0.443	0.024	980274.06	-13.02	-48.00	-49.45	-51.93
3617	42.5312013	-77.1851992	320531.1	4710857.4	392.60	0.488	0.014	980266.70	-8.06	-47.12	-48.75	-51.51
3618	42.5326665	-77.1933364	319867.0	4711037.4	451.15	0.565	0.015	980255.46	-1.37	-46.25	-48.12	-51.30
3619	42.5198395	-77.1862689	320410.7	4709598.0	407.39	0.466	0.018	980263.02	-6.15	-46.71	-48.40	-51.27
3620	42.5210169	-77.1762689	321235.5	4709707.6	364.84	0.555	0.023	980271.32	-11.09	-47.28	-48.79	-51.36
3621	42.5785352	-77.0258072	333748.1	4715788.2	402.54	0.306	0.011	980274.32	-1.64	-41.86	-43.54	-46.39
3622	42.5783923	-77.0361548	332898.5	4715792.7	424.38	0.419	0.012	980269.42	0.21	-42.11	-43.87	-46.87
3623	42.5706006	-77.0360182	332888.9	4714927.2	435.59	0.463	0.011	980266.77	1.73	-41.68	-43.49	-46.56
3624	42.5629733	-77.0356515	332898.6	4714079.5	438.03	0.452	0.011	980266.02	2.42	-41.24	-43.06	-46.16
3625	42.5556330	-77.0353763	332901.6	4713263.9	451.11	0.492	0.011	980263.09	4.19	-40.75	-42.63	-45.81
3626	42.5482060	-77.0350121	332911.7	4712438.4	449.63	0.476	0.011	980263.11	4.42	-40.39	-42.26	-45.43
3627	42.5406910	-77.0346226	332923.6	4711603.2	444.55	0.473	0.010	980263.83	4.25	-40.05	-41.90	-45.03
3628	42.5356430	-77.0288076	333387.7	4711031.2	410.90	0.380	0.009	980270.44	0.93	-40.07	-41.78	-44.68
3629	42.5327684	-77.0361131	332780.1	4710726.3	445.65	0.511	0.009	980263.00	4.48	-39.90	-41.75	-44.89
3630	42.5325086	-77.0460875	331960.2	4710717.2	491.76	0.716	0.011	980253.38	9.10	-39.73	-41.77	-45.23
3631	42.5321723	-77.0565648	331098.8	4710700.7	491.48	0.680	0.013	980252.83	8.50	-40.34	-42.37	-45.83
3632	42.5318640	-77.0666015	330273.6	4710686.5	477.33	0.717	0.021	980254.86	6.19	-41.18	-43.15	-46.51
3633	42.5314572	-77.0766878	329444.1	4710661.6	447.48	0.749	0.030	980259.91	2.06	-42.27	-44.11	-47.26
3634	42.5303064	-77.0862036	328659.4	4710553.0	402.55	0.841	0.052	980267.77	-3.84	-43.55	-45.20	-48.01
3635	42.5213782	-77.0865999	328602.4	4709562.4	408.27	0.727	0.048	980266.33	-2.71	-43.10	-44.79	-47.64
3636	42.5209005	-77.0947197	327934.1	4709525.8	342.91	0.980	0.103	980278.23	-10.93	-44.47	-45.87	-48.24
3637	42.5003662	-77.0588169	330828.0	4707173.3	473.08	1.161	0.009	980253.74	6.60	-39.95	-41.89	-45.19
3638	42.5085139	-77.0591220	330824.9	4708078.7	511.32	1.013	0.011	980247.04	10.96	-39.57	-41.68	-45.26
3639	42.5150155	-77.0597587	330790.2	4708801.9	501.78	0.812	0.013	980249.69	10.09	-39.66	-41.74	-45.26
3640	42.4991857	-77.0852655	328651.4	4707095.4	451.57	0.710	0.027	980256.54	2.86	-41.92	-43.79	-46.95
3641	42.5041765	-77.0762607	329405.0	4707631.4	452.45	0.590	0.020	980257.44	3.59	-41.39	-43.26	-46.45
3642	42.5090271	-77.0680143	330095.7	4708153.5	491.01	0.841	0.016	980250.69	8.29	-40.35	-42.38	-45.82
3643	42.5209620	-77.0608494	330716.6	4709464.4	486.98	0.675	0.013	980252.89	8.18	-40.21	-42.22	-45.65
3644	42.5257386	-77.0592156	330863.7	4709991.6	489.80	0.685	0.013	980252.62	8.35	-40.31	-42.34	-45.79
3645	42.5396282	-77.0560398	331162.0	4711527.6	489.97	0.693	0.012	980253.43	7.96	-40.71	-42.74	-46.19
3646	42.5468432	-77.0562347	331165.4	4712329.2	475.28	0.671	0.012	980256.58	5.93	-41.28	-43.25	-46.60
3647	42.5543211	-77.0565502	331159.7	4713160.2	458.93	0.653	0.012	980259.95	3.58	-42.01	-43.90	-47.13
3648	42.5616125	-77.0565196	331181.9	4713969.8	434.27	0.524	0.013	980265.14	0.50	-42.72	-44.52	-47.58
3649	42.5676050	-77.0570824	331151.8	4714636.4	409.05	0.516	0.014	980270.30	-2.66	-43.35	-45.05	-47.93
3650	42.5673356	-77.0670613	330332.0	4714626.4	394.05	0.438	0.025	980272.51	-5.06	-44.30	-45.94	-48.72

-- PRINCIPAL FACTS --
EDCON GRAVITY SURVEY

Speculative Survey
Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

TERRAIN CORR. DENSITY: 2.67

DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

BASE CONSTANT @ STATION GENEVA: 980342.36

Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER GRAVITY	GRAVITY @ 2.40	DENS 2.50	2.67
3651	42.5668476	-77.0767430	329535.9	4714591.7	375.71	0.653	0.051	980275.23	-7.95	-45.13	-46.67	-49.31	
3652	42.5623658	-77.0829846	329011.4	4714106.6	340.48	0.771	0.064	980281.28	-12.37	-45.89	-47.28	-49.66	
3653	42.5621671	-77.0916759	328297.3	4714102.1	244.76	1.004	0.142	980298.93	-24.24	-47.85	-48.83	-50.50	
3654	42.5973450	-77.0773216	329571.6	4717979.4	239.24	0.562	0.428	980303.64	-24.41	-47.62	-48.58	-50.20	
3655	42.5976957	-77.0690995	330247.1	4718001.8	295.57	0.338	0.046	980293.57	-17.12	-46.52	-47.75	-49.82	
3656	42.5973698	-77.0600169	330991.4	4717947.4	318.31	0.256	0.019	980289.83	-13.82	-45.60	-46.93	-49.18	
3657	42.5899703	-77.0592321	331035.8	4717124.2	335.75	0.308	0.016	980285.95	-11.65	-45.15	-46.55	-48.91	
3658	42.5822586	-77.0573827	331166.7	4716264.2	378.30	0.440	0.016	980277.15	-6.62	-44.28	-45.85	-48.51	
3659	42.5759725	-77.0572459	331161.0	4715565.8	393.53	0.415	0.017	980273.89	-4.62	-43.84	-45.46	-48.24	
3660	42.6051544	-77.0605192	330971.2	4718812.9	303.04	0.204	0.019	980293.36	-15.70	-45.99	-47.25	-49.40	
3661	42.6129372	-77.0612240	330934.5	4719678.5	292.36	0.228	0.018	980295.68	-17.38	-46.57	-47.79	-49.86	
3662	42.6205980	-77.0618046	330907.6	4720530.4	300.49	0.219	0.019	980294.64	-16.60	-46.62	-47.87	-50.00	
3663	42.6281024	-77.0595680	331111.3	4721359.3	296.36	0.182	0.012	980296.09	-17.11	-46.76	-48.00	-50.10	
3664	42.6358744	-77.0605769	331049.6	4722224.3	278.66	0.188	0.012	980299.90	-19.46	-47.32	-48.48	-50.46	
3665	42.6434759	-77.0618292	330967.5	4723070.9	252.34	0.229	0.011	980305.25	-22.91	-48.09	-49.14	-50.92	
3666	42.6527594	-77.0598460	331155.2	4724097.9	224.66	0.235	0.004	980310.68	-26.86	-49.26	-50.19	-51.78	
3667	42.5255983	-77.0272995	333484.9	4709912.8	373.70	0.459	0.006	980277.10	-2.98	-40.16	-41.71	-44.35	
3668	42.5182808	-77.0270283	333487.7	4709099.7	326.08	0.570	0.006	980285.67	-8.45	-40.74	-42.09	-44.37	
3669	42.5167246	-77.0203957	334028.5	4708913.9	313.82	0.416	0.005	980288.20	-9.57	-40.78	-42.08	-44.28	
3670	42.5093164	-77.0200751	334035.2	4708090.6	344.67	0.344	0.008	980282.31	-5.27	-39.64	-41.07	-43.50	
3671	42.4982592	-77.0158774	334350.9	4706854.6	396.23	0.294	0.006	980271.84	1.17	-38.43	-40.08	-42.88	
3710	42.7690221	-77.2973824	312035.0	4737510.6	257.28	0.831	0.307	980309.88	-28.08	-52.96	-53.99	-55.74	
3711	42.7757838	-77.2930501	312409.9	4738251.8	224.79	0.625	0.145	980317.66	-30.93	-52.87	-53.78	-55.33	
3712	42.7818396	-77.2860094	313004.1	4738908.7	217.10	0.542	0.203	980320.23	-31.29	-52.48	-53.36	-54.85	
3713	42.7879384	-77.2790939	313588.1	4739570.6	218.43	0.457	0.143	980320.82	-30.84	-52.29	-53.18	-54.70	
3714	42.7946478	-77.2728965	314115.1	4740302.0	217.48	0.320	0.728	980321.51	-31.05	-52.04	-52.90	-54.35	
3715	42.7983766	-77.2676862	314552.4	4740704.6	213.81	0.417	0.139	980323.04	-30.99	-52.01	-52.89	-54.37	
3716	42.8217220	-77.2149806	318930.9	4743182.5	318.07	0.161	0.008	980306.62	-17.34	-49.19	-50.52	-52.78	
3717	42.8216286	-77.2254190	318077.3	4743194.6	306.61	0.159	0.013	980309.20	-18.29	-48.99	-50.27	-52.45	
3718	42.8215626	-77.2359288	317217.9	4743210.0	281.27	0.159	0.018	980314.53	-20.77	-48.91	-50.09	-52.08	
3719	42.8216714	-77.2461397	316383.5	4743244.3	258.34	0.142	0.032	980318.97	-23.42	-49.26	-50.34	-52.17	
3720	42.8225397	-77.2527762	315843.5	4743355.2	240.13	0.171	0.051	980322.40	-25.69	-49.66	-50.65	-52.35	
3721	42.8395439	-77.2465874	316399.8	4745230.0	246.39	0.141	0.032	980323.88	-23.80	-48.44	-49.47	-51.21	
3722	42.8389858	-77.2363875	317231.8	4745145.9	266.07	0.124	0.016	980320.23	-21.33	-47.98	-49.09	-50.97	
3723	42.8400203	-77.2224380	318374.9	4745230.6	284.29	0.108	0.007	980316.00	-20.03	-48.53	-49.72	-51.74	

-- PRINCIPAL FACTS --
EDCON GRAVITY SURVEY

PAGE 40

Speculative Survey
Northwestern New York State

GRAVITY FORMULA : 1967 (IGSN 71 Datum)

TERRAIN CORR. DENSITY: 2.67

BASE CONSTANT @ STATION GENEVA: 980342.36

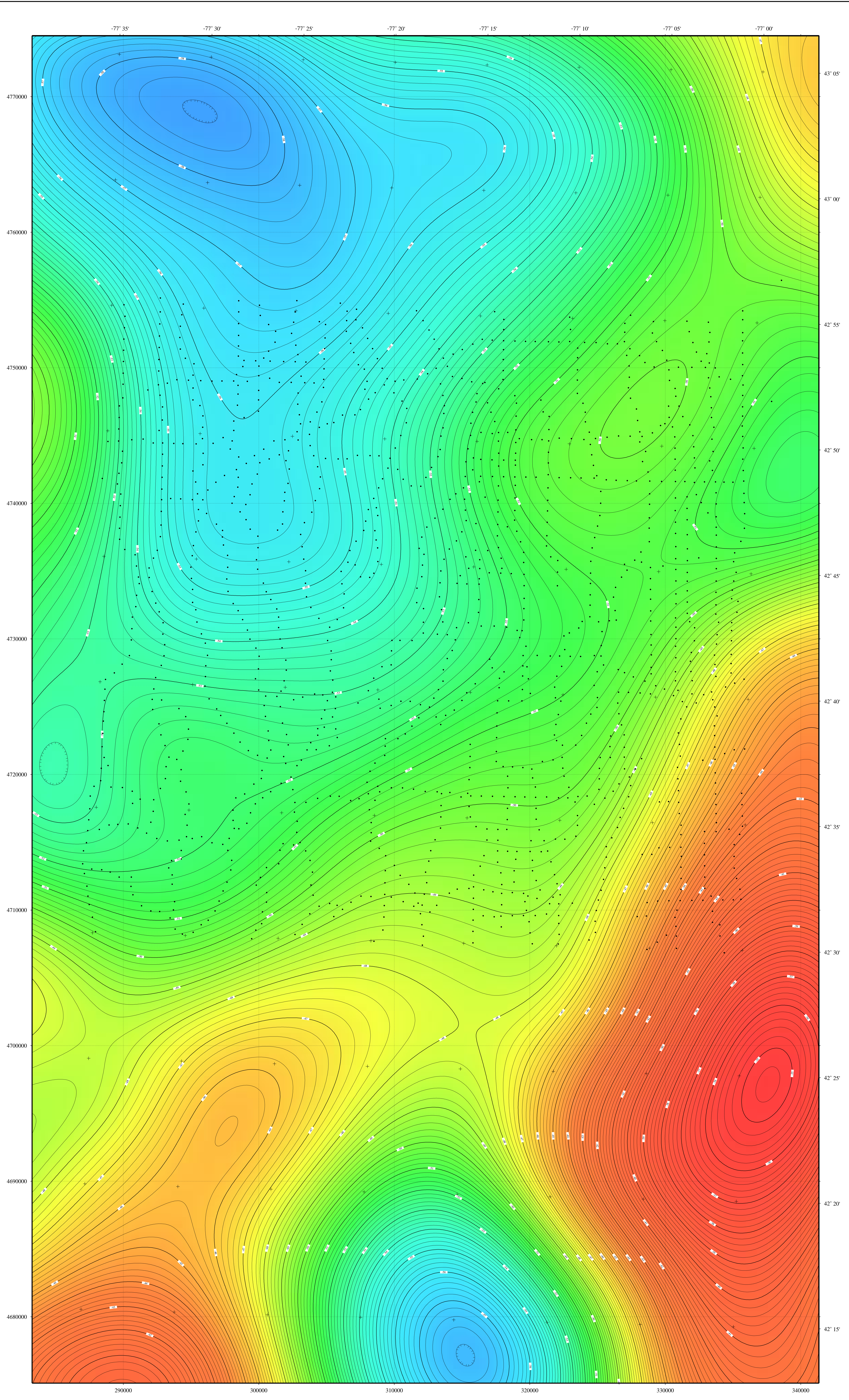
DATE OF LISTING: 5/15/2001

AT CENTRAL MERIDIAN : -75.0

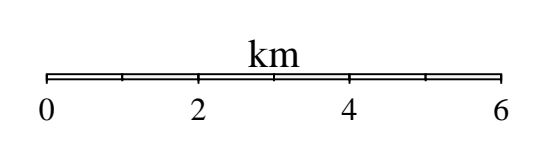
Proj : U.T.M. Spheroid : 1866

STATION	LATITUDE IN DDEG	LONGITUDE IN DDEG	X-COORD. IN metr	Y-COORD. IN metr	ELEVATION IN metr	TERR. CORR.	LAKE EFFECT	STATION GRAVITY	FREE-AIR GRAVITY	BOUGUER 2.40	GRAVITY 2.50	@ DENS 2.67
3724	42.8361086	-77.2118518	319228.6	4744773.4	303.80	0.141	0.005	980311.07	-18.59	-49.03	-50.30	-52.45
3725	42.8356810	-77.2007663	320133.4	4744702.2	307.97	0.138	0.003	980309.88	-18.45	-49.32	-50.60	-52.79
3726	42.8358650	-77.1912708	320910.1	4744702.4	307.64	0.131	0.003	980309.89	-18.57	-49.41	-50.70	-52.88
3727	42.8371655	-77.1758690	322172.6	4744814.2	302.04	0.119	0.002	980311.19	-19.10	-49.39	-50.65	-52.79
3728	42.8370602	-77.1648026	323076.8	4744779.2	288.90	0.099	0.000	980314.08	-20.27	-49.25	-50.46	-52.51
3729	42.8366088	-77.1535259	323997.1	4744705.4	275.02	0.092	0.001	980317.09	-21.50	-49.09	-50.24	-52.20
3730	42.8375501	-77.1430557	324855.5	4744788.1	278.64	0.072	0.000	980316.51	-21.04	-49.01	-50.18	-52.16
3731	42.8385215	-77.1326625	325707.7	4744874.4	281.32	0.077	0.000	980316.15	-20.66	-48.90	-50.08	-52.08
3732	42.8396050	-77.1223072	326557.0	4744973.4	273.51	0.075	0.000	980318.06	-21.26	-48.72	-49.86	-51.80
3733	42.8396489	-77.1118760	327409.7	4744956.8	270.73	0.070	0.000	980318.80	-21.38	-48.56	-49.69	-51.62
3734	42.8396573	-77.1011495	328286.3	4744935.8	263.31	0.110	0.000	980320.55	-21.93	-48.33	-49.43	-51.30
3735	42.8422147	-77.0918455	329053.8	4745200.9	268.99	0.071	0.001	980319.87	-21.08	-48.09	-49.21	-51.12
3736	42.8472475	-77.0847084	329650.9	4745745.3	259.87	0.064	0.000	980322.21	-22.01	-48.10	-49.19	-51.04
3737	42.8485445	-77.0807818	329975.3	4745881.4	261.18	0.066	0.001	980322.18	-21.76	-47.98	-49.08	-50.93
9030	42.8728171	-77.2442355	316690.5	4748919.9	220.41	0.075	0.001	980329.15	-29.55	-51.66	-52.58	-54.15
HALL	42.8068006	-77.2468119	316284.5	4741594.4	266.68	0.140	0.034	980314.87	-23.60	-50.28	-51.39	-53.29
K155	42.7967043	-77.2412842	316706.7	4740461.2	285.37	0.160	0.019	980309.87	-21.92	-50.47	-51.66	-53.69
Y155	42.8018497	-77.5869212	288456.5	4741842.2	340.76	0.325	0.000	980298.84	-16.32	-50.32	-51.73	-54.14
GREEN	42.7789813	-77.2489225	316029.5	4738509.7	318.70	0.167	0.019	980301.75	-18.16	-50.06	-51.39	-53.65
GENEVA	42.8649993	-76.9850003	337845.1	4747519.8	160.00	0.074	0.003	980342.36	-34.28	-50.31	-50.98	-52.12
GENEVA92	42.9455432	-76.9785732	338580.5	4756451.8	149.20	0.001	0.001	980351.80	-35.44	-50.45	-51.08	-52.14

1386 total stations listed

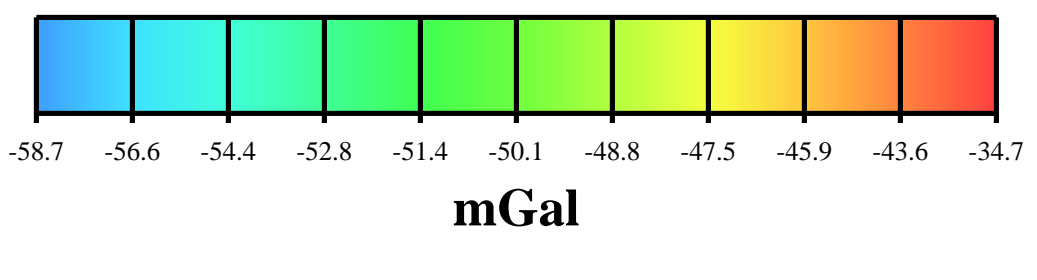


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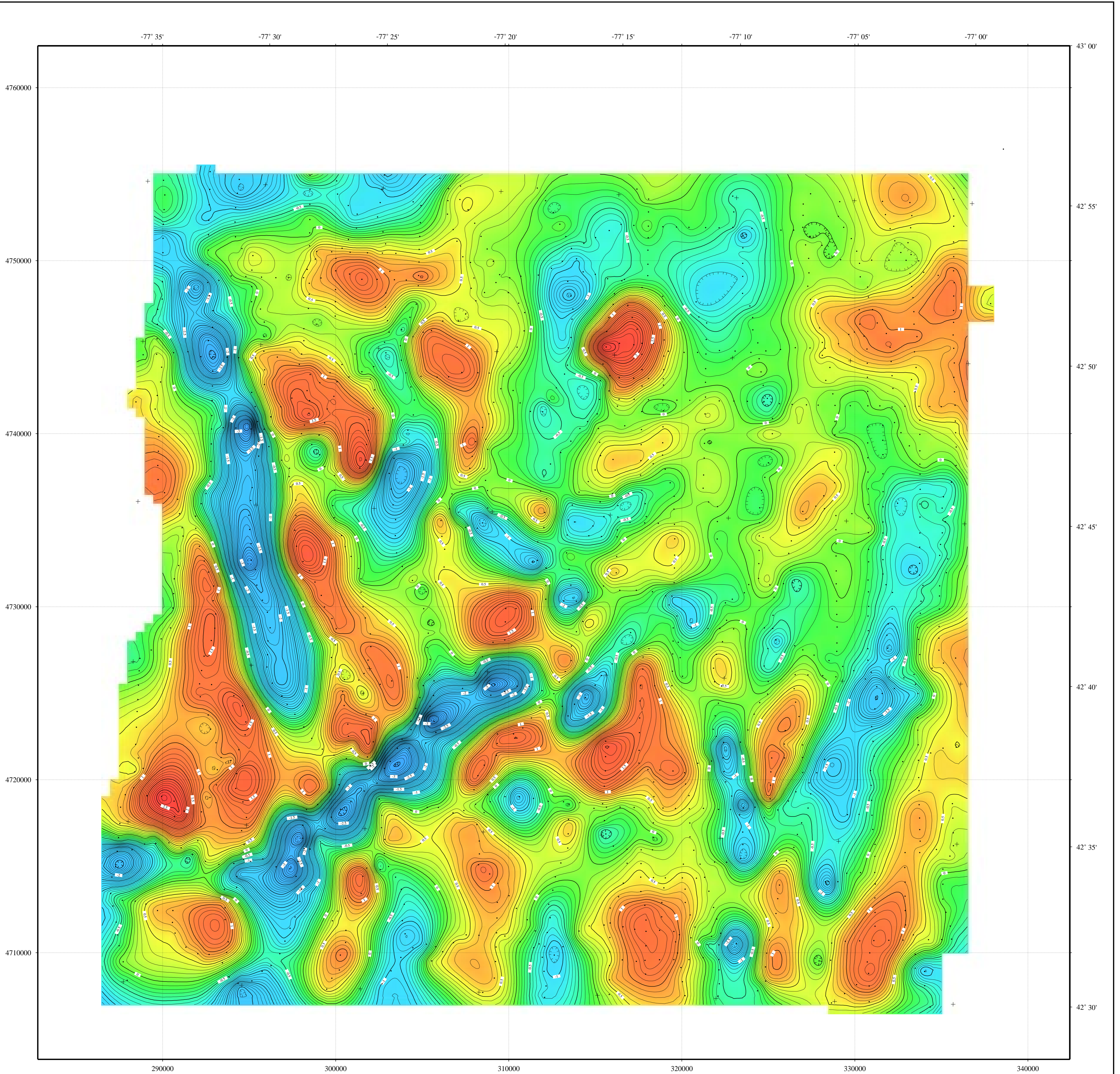


NYSERDA		
NORTHWESTERN NEW YORK STATE REGIONAL BOUGUER GRAVITY		
Bouguer Density = 2.50 g/cm ³ Terrain-Corrected to 99 km (Hayford-Bowie Zone N) Lake Effect Corrections Applied		
SCALE: 1 / 100,000	C.I. = 0.2 mGal	DATE: May, 2001
REF NO. 01006 65 01		
CHKD. BY:	DATE REVISED:	APPRVD. BY:
REVISED BY:	DATE REVISED:	
EDCON, INC. DENVER, COLORADO		

MAPPING PARAMETERS	
PROJECTION:	Universal Transverse Mercator
ELLIPSOID:	Clarke 1866
CENTRAL MERIDIAN:	75° West
Y-AXIS ORIGIN:	0° North
SCALE FACTOR:	0.9999
FALSE EASTING:	500,000 Meters
FALSE NORTHING:	0.0 Meters
GRID INTERVAL:	500 Meters
GEODEIC DATUM:	NAD-27

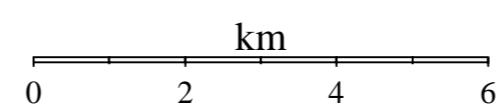


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 Tel: (303) 980-4556
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 Web Site: http://www.edcon.com

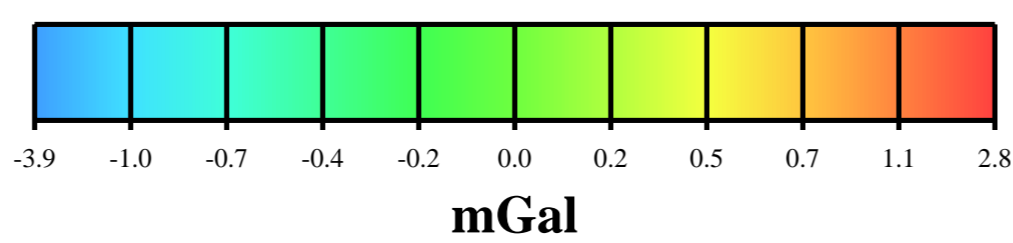


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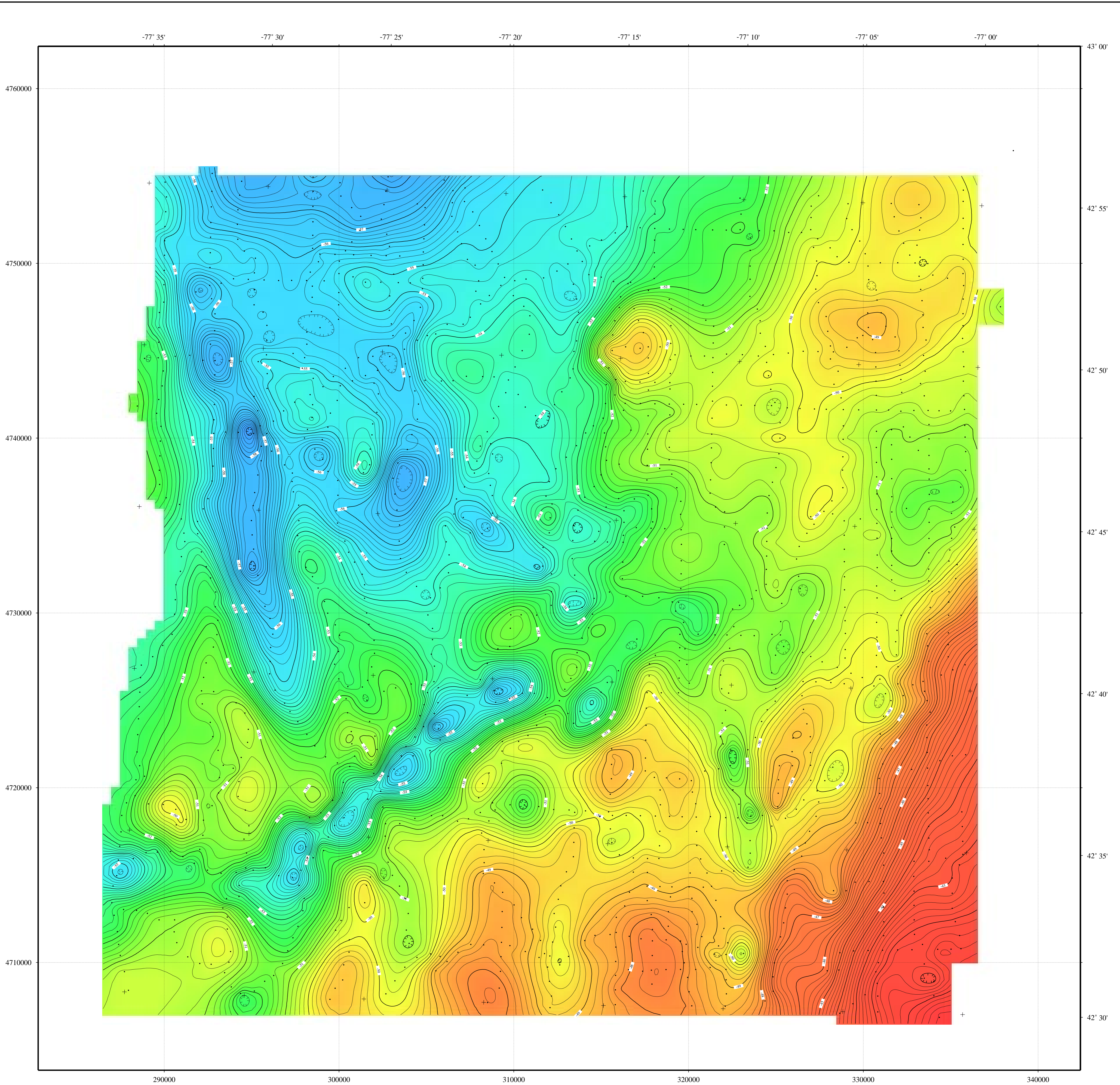


EDCON, Inc.
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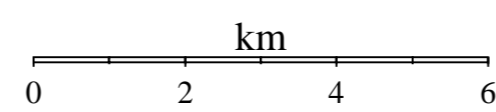
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ELLIPSOID:	Clarke 1866
CENTRAL MERIDIAN:	75° West
Y-AXIS ORIGIN:	0° North
SCALE FACTOR:	0.9999
FALSE EASTING:	500,000 Meters
FALSE NORTHING:	0.0 Meters
GRID INTERVAL:	500 Meters
GEODEIC DATUM:	NAD-27

NYSERDA		
NORTHWESTERN NEW YORK STATE RESIDUAL BOUGUER GRAVITY		
Bouguer Density = 2.50 g/cm ³ Terrain-Corrected to 99 km (Hayford-Bowie Zone N) Correction for Lake Effect Applied		
SCALE: 1 / 100,000	C.I. = 0.1 mGal	DATE: May, 2001
REF NO. 01006 66 01		
REVISED BY:	CHKD. BY:	APPRVD. BY:
EDCON, INC. DENVER, COLORADO		

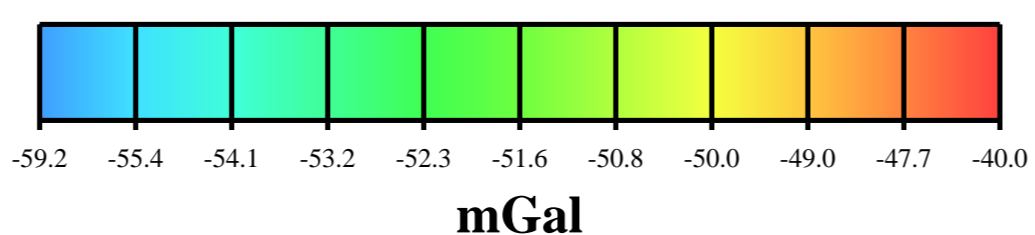


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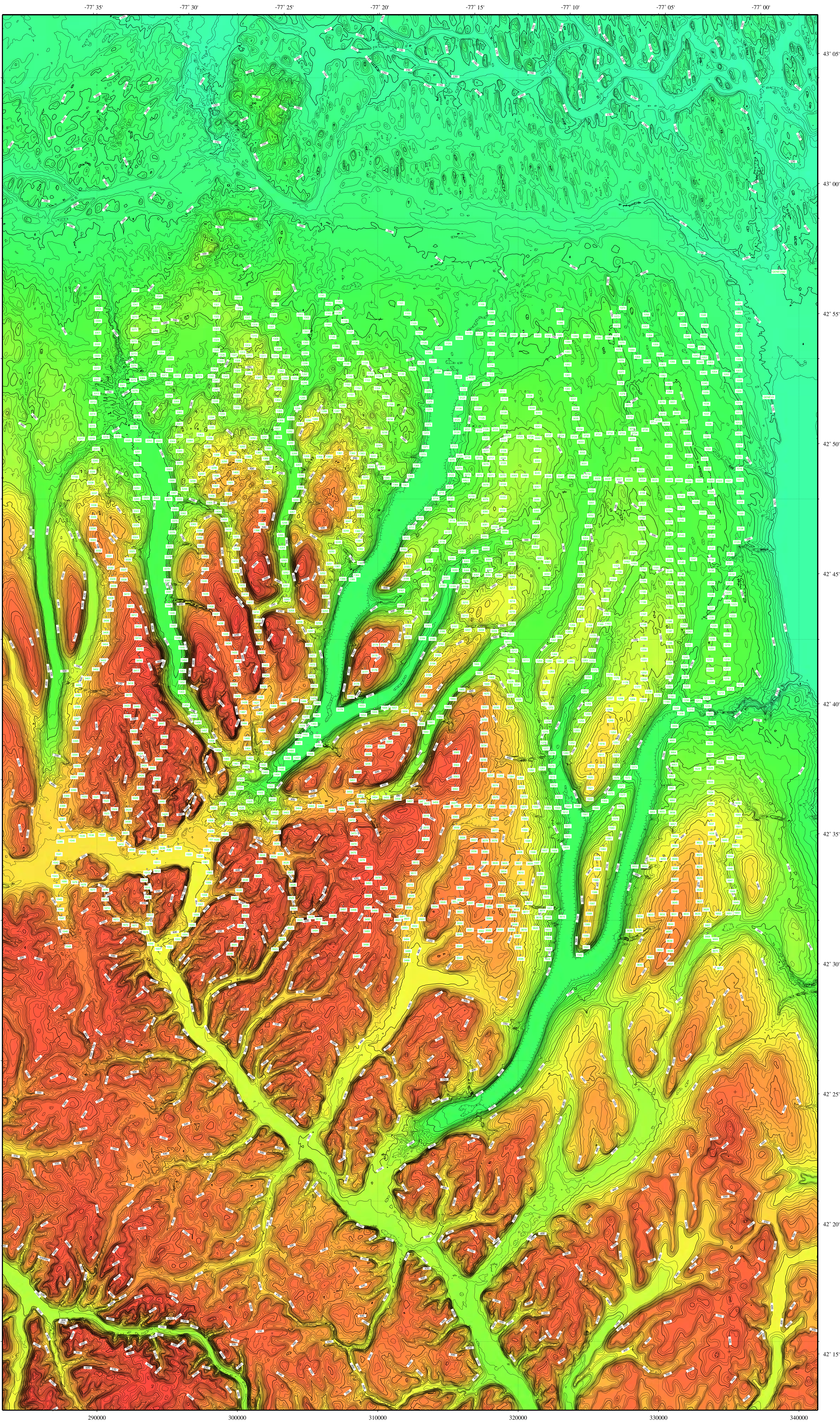
EDCON, Inc.
171 South Van Gordon Street, Suite A
Denver, CO 80228-1703, USA
Tel: (303) 980-6556
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E-mail: edcon@edcon.com
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MAPPING PARAMETERS

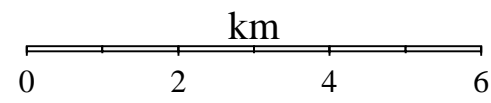
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ELLIPSOID: Clarke 1866
CENTRAL MERIDIAN: 75° West
Y-AXIS ORIGIN: 0° North
SCALE FACTOR: 0.9999
FALSE EASTING: 500,000 Meters
FALSE NORTHING: 0.0 Meters
GRID INTERVAL: 500 Meters
GEODEIC DATUM: NAD-27

NYSERDA		
NORTHWESTERN NEW YORK STATE		
COMPLETE BOUGUER GRAVITY		
Bouguer Density = 2.50 g/cm ³		
Terrain-Corrected to 99 km (Hayford-Bowie Zone N) Correction for Lake Effect Applied		
SCALE: 1 / 100,000	C.I. = 0.2 mGal	DATE: May, 2001
REF NO. 01006 64 01		
REVISED BY:	CHKD. BY:	APPRVD. BY:
EDCON, INC.		
DENVER, COLORADO		

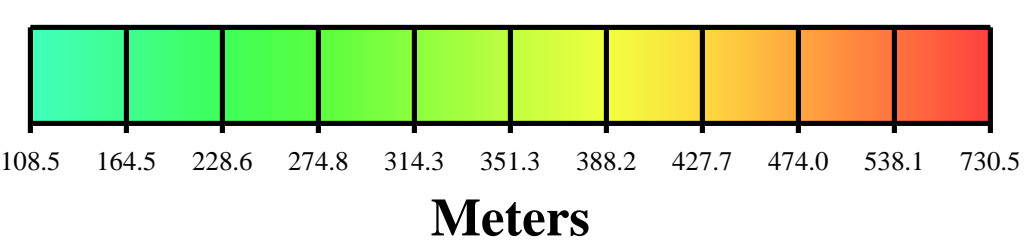


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MAPPING PARAMETERS	
PROJECTION:	Universal Transverse Mercator
ELLIPSOID:	Clarke 1866
CENTRAL MERIDIAN:	75° West
Y-AXIS ORIGIN:	0° North
SCALE FACTOR:	0.9999
FALSE EASTING:	500,000 Meters
FALSE NORTHING:	0.0 Meters
GRID INTERVAL:	100 Meters
GEODEIC DATUM:	NAD-27

NYSERDA		
NORTHWESTERN NEW YORK STATE		
TOPOGRAPHY		
with Gravity Station Locations		
SCALE: 1 / 100,000	C.I. = 10.0 Meters	DATE: May, 2001
REF NO. 01006 86 01		
CHKD. BY:	DATE REVISION:	APPRVD. BY:
REVISED BY:	DATE REVISION:	
EDCON, INC. DENVER, COLORADO		