

EASTERN TX QL2 LiDAR SURVEY REPORT

USGS Contract: G16PC0004

Task Order Number: 140G0218F0069



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OVERVIEW

Digital Aerial Solutions, LLC (DAS) with contract number G16PC0004 was contracted by the United States Geological Survey under task order number 140G0218F0069 collect a high resolution LiDAR data set covering 5,577 square miles affecting Leon, Washington, Sabine, San Jacinto, Shelby, Grimes, Lee, Madison, Milam, Trinity and Newton in Texas. Each of these categories was spread out as evenly as possible throughout the Area of Interest (AOI). The survey was completed using the Global Positioning System (GPS). Each observation was identified in the field and surveyed utilizing GPS receivers, collecting GNSS and GLONASS information and utilizing a Leica Smart-Net RTK network. In accordance with section C.1.e.(i)(c) of the task order, the spatial reference system used was:

Spatial Reference System:

Coordinate System:	UTM Zone 14 North
Horizontal Datum:	North American Datum 1983 (2011)
Vertical Datum:	North American Vertical Datum of 1988
Units:	Meters
Geoid Model:	GEOID12B

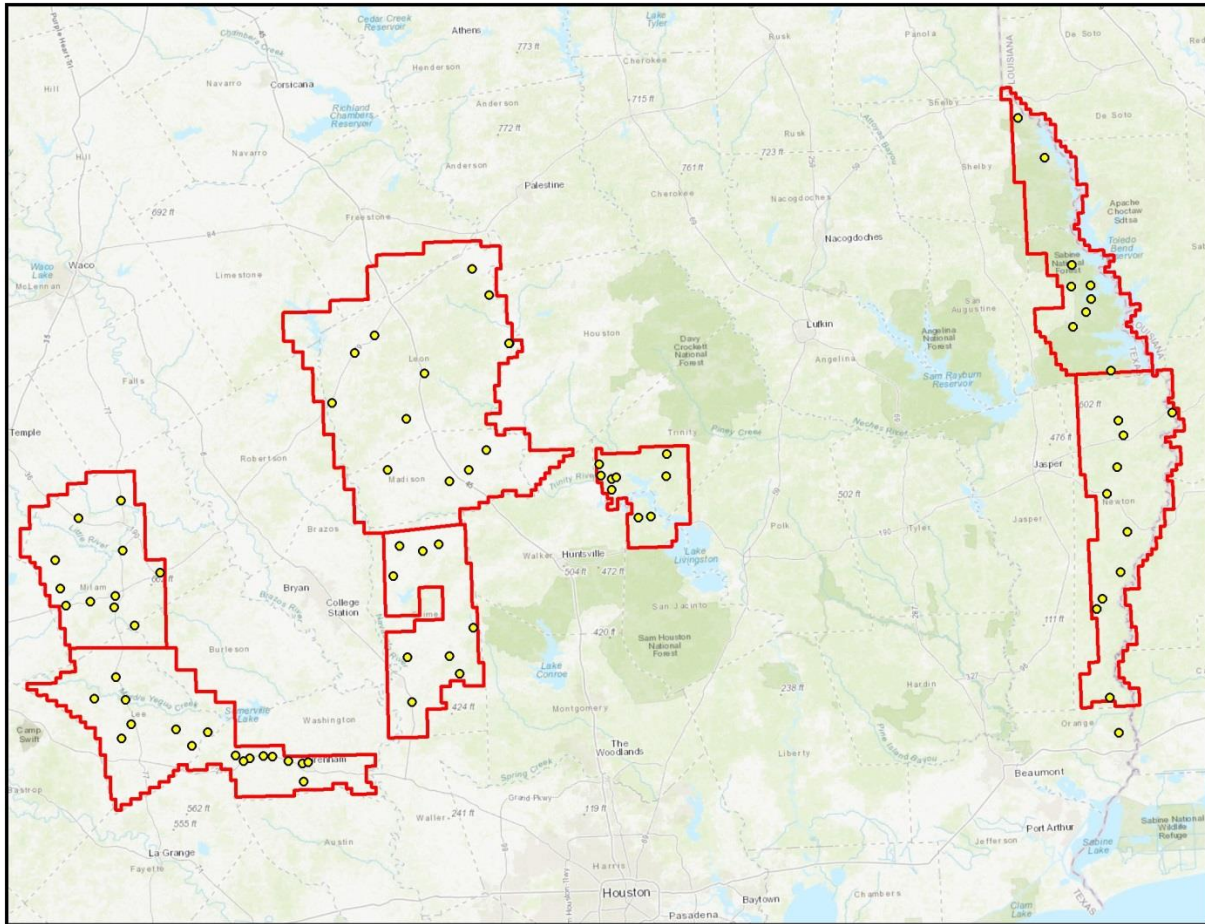
Section C.1.b.(viii) of the task order outlines the ground control minimum requirements and specifications for this LiDAR project. 82 Supplemental ground control points were collected and used to support the airborne GPS solution and positional accuracy. DAS also collected more than the required number of Non-Vegetated Vertical Accuracy (NVA) and Vegetated Vertical Accuracy (VVA) Quality Checkpoints as stated in the task order. These checkpoints serve as an independent delivery to the client and were not incorporated into the vertical solution.

Glossary of Terms

Term	Definition
ATTN	- Attention
BG	- Bare-Ground Checkpoint (see NVA)
CO	- Colorado, USA
CTRL	- Control
DAS	- Digital Aerial Solutions, LLC
Ellip	- Ellipsoid Height
FIPS	- Federal Information Processing Standard
FL	- Florida
GPS	- Global Positioning Systems
HVEG	- High Vegetation(see VVA)
ID	- Identification
LVEG	- Low Vegetation (see VVA)
LiDAR	- Light Detection and Ranging
MVEG	- Medium Vegetation (see VVA)
NAD83	- North American Datum of 1983
NAVD88	- North American Vertical Datum of 1988
NGS	- National Geodetic Survey
NGTOC	- National Geospatial Technical Operations Center
NVA	- Non-Vegetated Vertical Accuracy
Ortho	- Orthometric Height
POC	- Point of Contact
PT	- Pavement(see NVA)
RTK	- Real Time Kinematics
SD	- Sand(see NVA)
USGS	- United States Geological Survey
VP	- Vice President
VVA	- Vegetated Vertical Accuracy

Supplemental Ground Control

The Map shows the overall distribution of the Supplemental Ground Control throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Ground Control Point Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.01.GCP.BG	842313.305	3433712.339	81.100
04.03.GCP.BG	846335.377	3429016.171	69.672
04.05.GCP.BG	846387.194	3425699.260	58.533
06.23.GCP.BG	1002172.755	3360765.160	10.203
1.2.GCP.BG	705027.516	3399743.146	152.963
2.56.GCP.BG	782071.475	3447849.998	126.578
2.69.GCP.BG	776111.473	3431860.067	112.510
5.10.GCP.BG	994697.256	3481207.022	84.729
5.18.GCP.BG	1002450.162	3463003.408	81.670
5.6.GCP.BG	996074.489	3489647.970	63.356
5.8.GCP.BG	996377.469	3485359.756	71.609
04.04.HCP.HP	842981.425	3430096.974	71.204
04.09.GCP.HP	858606.490	3417368.615	46.076
04.20.GVP.HP	847701.349	3429689.646	63.381
04.24.GCP.HP	863261.877	3429926.974	78.751
06.27.GCP.HP	1005085.041	3349713.340	4.929
06.34.GCP.HP	998102.427	3388352.485	16.359
06.36.GCP.HP	999938.271	3391660.901	18.837
06.40.GCP.HP	1005547.420	3399948.601	17.783
1.1.GCP.HP	691008.536	3392516.638	139.245
1.11.GCP.HP	673673.916	3394754.950	142.605
1.11.GCP.HP2	675557.378	3389465.351	124.653
1.12.GCP.HP	673673.915	3394754.952	142.606
1.13.GCP.HP	672115.680	3403760.861	159.371
1.16.GCP.HP	679476.541	3416897.951	158.528
1.19.GCP.HP	692749.717	3422403.625	110.730
1.21.GCP.HP	693315.870	3406694.869	110.024
1.5.GCP.HP	697038.563	3383367.232	129.287
1.6.GCP.HP	690649.529	3388925.039	143.259
1.9.GCP.HP	683079.473	3390678.431	138.330
1A.10.GCP.HP	728684.942	3342576.915	162.664
1A.11.GCP.HP	749914.864	3334554.271	111.328
1A.15.GCP.HP	719908.291	3349981.585	93.806
1A.17.GCP.HP	714848.387	3345631.081	103.334
1A.25.GCP.HP	710041.645	3350772.375	119.125
1A.3.GCP.HP	749468.960	3340175.914	90.271
1A.31.GCP.HP	695864.014	3352439.888	111.210

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
1A.32.GCP.HP	693004.086	3348027.499	129.739
1A.35.GCP.HP	684479.224	3360388.767	126.410
1A.37.GCP.HP	694166.243	3360007.588	107.104
1A.4.GCP.HP	745059.399	3340871.090	116.655
1A.5.GCP.HP	740141.348	3342317.260	107.900
1A.6.GCP.HP	737312.324	3342537.868	116.806
1A.7.GCP.HP	733025.533	3341788.859	139.183
1A.8.GCP.HP	731016.459	3340877.446	138.149
1A.GCP.HP	751241.232	3340486.638	92.566
2.1.GCP.HP	758753.797	3452921.829	105.774
2.12.GCP.HP	802704.051	3494786.684	92.699
2.13.GCP.HP	807990.190	3486663.907	70.056
2.16.GCP.HP	814263.844	3471527.621	59.690
2.4.GCP.HP	765919.083	3468451.769	136.491
2.50.GCP.HP	814243.411	3471513.856	59.935
2.52.GCP.HP	787766.572	3462139.051	107.954
2.6.GCP.HP	772087.915	3473966.527	150.406
2.61.GCP.HP	807008.792	3438139.694	82.707
2.65.GCP.HP	801599.972	3431945.950	84.486
2.66.GCP.HP	795443.206	3428377.246	86.104
3.1.GCP.HP	779964.971	3408207.545	101.519
3.11.GCP.HP	798716.190	3368118.581	97.920
3.12.GCP.HP	795615.792	3373703.000	113.062
3.16.GCP.HP	802958.497	3382579.029	97.092
3.19.GCP.HP	792098.380	3408736.287	102.134
3.2.GCP.HP	777937.384	3398715.619	94.645
3.6.GCP.HP	782413.887	3373398.968	90.944
5.13.GCP.HP	990618.744	3476636.672	78.614
5.19.GCP.HP	973461.247	3542011.300	67.558
5.4.GCP.HP	990108.790	3489224.062	102.279
5.53.GCP.HP	1021725.889	3449804.629	32.856
5.81.GCP.HP	981668.956	3529570.050	84.904
6.1.GCP.HP	990313.665	3495980.689	70.592
6.12.GCP.HP	1004468.826	3432878.375	105.000
6.15.GCP.HP	1001367.972	3424534.240	55.238
6.21.GCP.HP	1007679.795	3412660.457	33.622
6.5.GCP.HP	1004899.465	3447317.088	99.712
6.7.GCP.HP	1006404.651	3442819.152	59.706
04.28.GCP.PS	863552.701	3436817.381	78.644
04.31.GCP.PS	854686.461	3417072.320	81.662

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
06.40.GCP.PS	1005547.426	3399948.594	17.808
06.40.GCP.PS2	1005547.413	3399948.599	17.769
1A.36.GCP.PS	691078.957	3367120.679	137.461
3.23.GCP.PS	787257.825	3406613.423	107.988
3.8.GCP.PS	783821.604	3359320.937	65.118

04.01.GCP.BG



Point ID: 04.01.GCP.BG

Easting: 842313.305

Northing: 3433712.339

Orthometric Height: 81.1

Latitude: 30° 59' 14.14"

Longitude: -95° 24' 57.57"

Ellipsoid Height: 54.002

04.03.GCP.BG



Point ID: 04.03.GCP.BG
Easting: 846335.377
Northing: 3429016.171
Orthometric Height: 69.672
Latitude: 30° 56' 38.38"
Longitude: -95° 22' 32.32"
Ellipsoid Height: 42.527

04.05.GCP.BG



Point ID: 04.05.GCP.BG
Easting: 846387.194
Northing: 3425699.26
Orthometric Height: 58.533
Latitude: 30° 54' 50.50"
Longitude: -95° 22' 34.34"
Ellipsoid Height: 31.375

06.23.GCP.BG



Point ID: 06.23.GCP.BG
Easting: 1002172.755
Northing: 3360765.16
Orthometric Height: 10.203
Latitude: 30° 16' 29.29"
Longitude: -93° 46' 57.57"
Ellipsoid Height: -17.198

1.2.GCP.BG



Point ID: 1.2.GCP.BG
Easting: 705027.516
Northing: 3399743.146
Orthometric Height: 152.963
Latitude: 30° 42' 46.46"
Longitude: -96° 51' 32.32"
Ellipsoid Height: 126.895

2.56.GCP.BG



Point ID: 2.56.GCP.BG
Easting: 782071.475
Northing: 3447849.998
Orthometric Height: 126.578
Latitude: 31° 07' 50.50"
Longitude: -96° 02' 31.31"
Ellipsoid Height: 100.15

2.69.GCP.BG



Point ID: 2.69.GCP.BG
Easting: 776111.473
Northing: 3431860.067
Orthometric Height: 112.51
Latitude: 30° 59' 17.17"
Longitude: -96° 06' 31.31"
Ellipsoid Height: 86.031

5.10.GCP.BG



Point ID: 5.10.GCP.BG
Easting: 994697.256
Northing: 3481207.022
Orthometric Height: 84.729
Latitude: 31° 21' 36.36"
Longitude: -93° 48' 06.06"
Ellipsoid Height: 57.353

5.18.GCP.BG



Point ID: 5.18.GCP.BG
Easting: 1002450.162
Northing: 3463003.408
Orthometric Height: 81.67
Latitude: 31° 11' 36.36"
Longitude: -93° 43' 47.47"
Ellipsoid Height: 54.099

5.6.GCP.BG



Point ID: 5.6.GCP.BG
Easting: 996074.489
Northing: 3489647.97
Orthometric Height: 63.356
Latitude: 31° 26' 07.07"
Longitude: -93° 46' 59.59"
Ellipsoid Height: 36.161

5.8.GCP.BG



Point ID: 5.8.GCP.BG
Easting: 996377.469
Northing: 3485359.756
Orthometric Height: 71.609
Latitude: 31° 23' 48.48"
Longitude: -93° 46' 55.55"
Ellipsoid Height: 44.319

04.04.HCP.HP



Point ID: 04.04.HCP.HP
Easting: 842981.425
Northing: 3430096.974
Orthometric Height: 71.204
Latitude: 30° 57' 16.16"
Longitude: -95° 24' 36.36"
Ellipsoid Height: 44.081

04.09.GCP.HP



Point ID: 04.09.GCP.HP
Easting: 858606.49
Northing: 3417368.615
Orthometric Height: 46.076
Latitude: 30° 50' 07.07"
Longitude: -95° 15' 05.05"
Ellipsoid Height: 18.895

04.20.GVP.HP



Point ID: 04.20.GVP.HP
Easting: 847701.349
Northing: 3429689.646
Orthometric Height: 63.381
Latitude: 30° 56' 58.58"
Longitude: -95° 21' 39.39"
Ellipsoid Height: 36.233

04.24.GCP.HP



Point ID: 04.24.GCP.HP
Easting: 863261.877
Northing: 3429926.974
Orthometric Height: 78.751
Latitude: 30° 56' 49.49"
Longitude: -95° 11' 54.54"
Ellipsoid Height: 51.571

06.27.GCP.HP



Point ID: 06.27.GCP.HP
Easting: 1005085.041
Northing: 3349713.34
Orthometric Height: 4.929
Latitude: 30° 10' 27.27"
Longitude: -93° 45' 27.27"
Ellipsoid Height: -22.397

06.34.GCP.HP



Point ID: 06.34.GCP.HP
Easting: 998102.427
Northing: 3388352.485
Orthometric Height: 16.359
Latitude: 30° 31' 27.27"
Longitude: -93° 48' 41.41"
Ellipsoid Height: -11.062

06.36.GCP.HP



Point ID: 06.36.GCP.HP
Easting: 999938.271
Northing: 3391660.901
Orthometric Height: 18.837
Latitude: 30° 33' 12.12"
Longitude: -93° 47' 27.27"
Ellipsoid Height: -8.575

1.1.GCP.HP



Point ID: 1.1.GCP.HP
Easting: 691008.536
Northing: 3392516.638
Orthometric Height: 139.245
Latitude: 30° 39' 00.00"
Longitude: -97° 00' 24.24"
Ellipsoid Height: 113.214

1.11.GCP.HP2



Point ID: 1.11.GCP.HP2
Easting: 675557.378
Northing: 3389465.351
Orthometric Height: 124.653
Latitude: 30° 37' 30.30"
Longitude: -97° 10' 06.06"
Ellipsoid Height: 98.569

1.12.GCP.HP



Point ID: 1.12.GCP.HP
Easting: 673673.915
Northing: 3394754.952
Orthometric Height: 142.606
Latitude: 30° 40' 22.22"
Longitude: -97° 11' 14.14"
Ellipsoid Height: 116.463

1.13.GCP.HP



Point ID: 1.13.GCP.HP
Easting: 672115.68
Northing: 3403760.861
Orthometric Height: 159.371
Latitude: 30° 45' 16.16"
Longitude: -97° 12' 07.07"
Ellipsoid Height: 133.136

1.16.GCP.HP



Point ID: 1.16.GCP.HP
Easting: 679476.541
Northing: 3416897.951
Orthometric Height: 158.528
Latitude: 30° 52' 18.18"
Longitude: -97° 07' 22.22"
Ellipsoid Height: 132.279

1.19.GCP.HP



Point ID: 1.19.GCP.HP
Easting: 692749.717
Northing: 3422403.625
Orthometric Height: 110.73
Latitude: 30° 55' 10.10"
Longitude: -96° 58' 58.58"
Ellipsoid Height: 84.693

1.21.GCP.HP



Point ID: 1.21.GCP.HP
Easting: 693315.87
Northing: 3406694.869
Orthometric Height: 110.024
Latitude: 30° 46' 39.39"
Longitude: -96° 58' 48.48"
Ellipsoid Height: 83.989

1.5.GCP.HP



Point ID: 1.5.GCP.HP
Easting: 697038.563
Northing: 3383367.232
Orthometric Height: 129.287
Latitude: 30° 34' 00.00"
Longitude: -96° 56' 44.44"
Ellipsoid Height: 103.177

1.6.GCP.HP



Point ID: 1.6.GCP.HP
Easting: 690649.529
Northing: 3388925.039
Orthometric Height: 143.259
Latitude: 30° 37' 04.04"
Longitude: -97° 00' 40.40"
Ellipsoid Height: 117.221

1.9.GCP.HP



Point ID: 1.9.GCP.HP
Easting: 683079.473
Northing: 3390678.431
Orthometric Height: 138.33
Latitude: 30° 38' 05.05"
Longitude: -97° 05' 23.23"
Ellipsoid Height: 112.288

1A.10.GCP.HP



Point ID: 1A.10.GCP.HP
Easting: 728684.942
Northing: 3342576.915
Orthometric Height: 162.664
Latitude: 30° 11' 35.35"
Longitude: -96° 37' 29.29"
Ellipsoid Height: 135.664

1A.11.GCP.HP



Point ID: 1A.11.GCP.HP
Easting: 749914.864
Northing: 3334554.271
Orthometric Height: 111.328
Latitude: 30° 07' 00.00"
Longitude: -96° 24' 22.22"
Ellipsoid Height: 84.043

1A.15.GCP.HP



Point ID: 1A.15.GCP.HP
Easting: 719908.291
Northing: 3349981.585
Orthometric Height: 93.806
Latitude: 30° 15' 42.42"
Longitude: -96° 42' 51.51"
Ellipsoid Height: 66.982

1A.17.GCP.HP



Point ID: 1A.17.GCP.HP
Easting: 714848.387
Northing: 3345631.081
Orthometric Height: 103.334
Latitude: 30° 13' 24.24"
Longitude: -96° 46' 04.04"
Ellipsoid Height: 76.547

1A.25.GCP.HP



Point ID: 1A.25.GCP.HP
Easting: 710041.645
Northing: 3350772.375
Orthometric Height: 119.125
Latitude: 30° 16' 14.14"
Longitude: -96° 49' 00.00"
Ellipsoid Height: 92.482

1A.3.GCP.HP



Point ID: 1A.3.GCP.HP
Easting: 749468.96
Northing: 3340175.914
Orthometric Height: 90.271
Latitude: 30° 10' 03.03"
Longitude: -96° 24' 34.34"
Ellipsoid Height: 63.013

1A.31.GCP.HP



Point ID: 1A.31.GCP.HP
Easting: 695864.014
Northing: 3352439.888
Orthometric Height: 111.21
Latitude: 30° 17' 16.16"
Longitude: -96° 57' 49.49"
Ellipsoid Height: 84.829

1A.32.GCP.HP



Point ID: 1A.32.GCP.HP
Easting: 693004.086
Northing: 3348027.499
Orthometric Height: 129.739
Latitude: 30° 14' 55.55"
Longitude: -96° 59' 39.39"
Ellipsoid Height: 103.371

1A.35.GCP.HP



Point ID: 1A.35.GCP.HP
Easting: 684479.224
Northing: 3360388.767
Orthometric Height: 126.41
Latitude: 30° 21' 41.41"
Longitude: -97° 04' 50.50"
Ellipsoid Height: 100.272

1A.37.GCP.HP



Point ID: 1A.37.GCP.HP
Easting: 694166.243
Northing: 3360007.588
Orthometric Height: 107.104
Latitude: 30° 21' 23.23"
Longitude: -96° 58' 47.47"
Ellipsoid Height: 80.82

1A.4.GCP.HP



Point ID: 1A.4.GCP.HP
Easting: 745059.399
Northing: 3340871.09
Orthometric Height: 116.655
Latitude: 30° 10' 29.29"
Longitude: -96° 27' 18.18"
Ellipsoid Height: 89.446

1A.5.GCP.HP



Point ID: 1A.5.GCP.HP
Easting: 740141.348
Northing: 3342317.26
Orthometric Height: 107.9
Latitude: 30° 11' 19.19"
Longitude: -96° 30' 21.21"
Ellipsoid Height: 80.753

1A.6.GCP.HP



Point ID: 1A.6.GCP.HP
Easting: 737312.324
Northing: 3342537.868
Orthometric Height: 116.806
Latitude: 30° 11' 28.28"
Longitude: -96° 32' 06.06"
Ellipsoid Height: 89.694

1A.7.GCP.HP



Point ID: 1A.7.GCP.HP
Easting: 733025.533
Northing: 3341788.859
Orthometric Height: 139.183
Latitude: 30° 11' 07.07"
Longitude: -96° 34' 47.47"
Ellipsoid Height: 112.119

1A.8.GCP.HP



Point ID: 1A.8.GCP.HP
Easting: 731016.459
Northing: 3340877.446
Orthometric Height: 138.149
Latitude: 30° 10' 39.39"
Longitude: -96° 36' 03.03"
Ellipsoid Height: 111.105

1A.GCP.HP



Point ID: 1A.GCP.HP
Easting: 751241.232
Northing: 3340486.638
Orthometric Height: 92.566
Latitude: 30° 10' 12.12"
Longitude: -96° 23' 28.28"
Ellipsoid Height: 65.291

2.1.GCP.HP



Point ID: 2.1.GCP.HP
Easting: 758753.797
Northing: 3452921.829
Orthometric Height: 105.774
Latitude: 31° 10' 54.54"
Longitude: -96° 17' 06.06"
Ellipsoid Height: 79.766

2.12.GCP.HP



Point ID: 2.12.GCP.HP
Easting: 802704.051
Northing: 3494786.684
Orthometric Height: 92.699
Latitude: 31° 32' 54.54"
Longitude: -95° 48' 42.42"
Ellipsoid Height: 66.332

2.13.GCP.HP



Point ID: 2.13.GCP.HP
Easting: 807990.19
Northing: 3486663.907
Orthometric Height: 70.056
Latitude: 31° 28' 26.26"
Longitude: -95° 45' 31.31"
Ellipsoid Height: 43.509

2.16.GCP.HP



Point ID: 2.16.GCP.HP
Easting: 814263.844
Northing: 3471527.621
Orthometric Height: 59.69
Latitude: 31° 20' 09.09"
Longitude: -95° 41' 50.50"
Ellipsoid Height: 32.957

2.4.GCP.HP



Point ID: 2.4.GCP.HP
Easting: 765919.083
Northing: 3468451.769
Orthometric Height: 136.491
Latitude: 31° 19' 12.12"
Longitude: -96° 12' 20.20"
Ellipsoid Height: 110.565

2.50.GCP.HP



Point ID: 2.50.GCP.HP
Easting: 814243.411
Northing: 3471513.856
Orthometric Height: 59.935
Latitude: 31° 20' 08.08"
Longitude: -95° 41' 51.51"
Ellipsoid Height: 33.202

2.52.GCP.HP



Point ID: 2.52.GCP.HP
Easting: 787766.572
Northing: 3462139.051
Orthometric Height: 107.954
Latitude: 31° 15' 29.29"
Longitude: -95° 58' 41.41"
Ellipsoid Height: 81.52

2.6.GCP.HP



Point ID: 2.6.GCP.HP
Easting: 772087.915
Northing: 3473966.527
Orthometric Height: 150.406
Latitude: 31° 22' 06.06"
Longitude: -96° 08' 22.22"
Ellipsoid Height: 124.416

2.61.GCP.HP



Point ID: 2.61.GCP.HP
Easting: 807008.792
Northing: 3438139.694
Orthometric Height: 82.707
Latitude: 31° 02' 13.13"
Longitude: -95° 47' 01.01"
Ellipsoid Height: 55.905

2.65.GCP.HP



Point ID: 2.65.GCP.HP
Easting: 801599.972
Northing: 3431945.95
Orthometric Height: 84.486
Latitude: 30° 58' 57.57"
Longitude: -95° 50' 32.32"
Ellipsoid Height: 57.7

2.66.GCP.HP



Point ID: 2.66.GCP.HP
Easting: 795443.206
Northing: 3428377.246
Orthometric Height: 86.104
Latitude: 30° 57' 07.07"
Longitude: -95° 54' 27.27"
Ellipsoid Height: 59.349

3.1.GCP.HP



Point ID: 3.1.GCP.HP
Easting: 779964.971
Northing: 3408207.545
Orthometric Height: 101.519
Latitude: 30° 46' 26.26"
Longitude: -96° 04' 30.30"
Ellipsoid Height: 74.794

3.11.GCP.HP



Point ID: 3.11.GCP.HP
Easting: 798716.19
Northing: 3368118.581
Orthometric Height: 97.92
Latitude: 30° 24' 29.29"
Longitude: -95° 53' 27.27"
Ellipsoid Height: 70.561

3.12.GCP.HP



Point ID: 3.12.GCP.HP
Easting: 795615.792
Northing: 3373703
Orthometric Height: 113.062
Latitude: 30° 27' 33.33"
Longitude: -95° 55' 17.17"
Ellipsoid Height: 85.767

3.16.GCP.HP



Point ID: 3.16.GCP.HP
Easting: 802958.497
Northing: 3382579.029
Orthometric Height: 97.092
Latitude: 30° 32' 15.15"
Longitude: -95° 50' 33.33"
Ellipsoid Height: 69.832

3.19.GCP.HP



Point ID: 3.19.GCP.HP
Easting: 792098.38
Northing: 3408736.287
Orthometric Height: 102.134
Latitude: 30° 46' 33.33"
Longitude: -95° 56' 53.53"
Ellipsoid Height: 75.251

3.2.GCP.HP



Point ID: 3.2.GCP.HP
Easting: 777937.384
Northing: 3398715.619
Orthometric Height: 94.645
Latitude: 30° 41' 20.20"
Longitude: -96° 05' 55.55"
Ellipsoid Height: 67.834

3.6.GCP.HP



Point ID: 3.6.GCP.HP
Easting: 782413.887
Northing: 3373398.968
Orthometric Height: 90.944
Latitude: 30° 27' 35.35"
Longitude: -96° 03' 32.32"
Ellipsoid Height: 63.71

5.13.GCP.HP



Point ID: 5.13.GCP.HP
Easting: 990618.744
Northing: 3476636.672
Orthometric Height: 78.614
Latitude: 31° 19' 15.15"
Longitude: -93° 50' 48.48"
Ellipsoid Height: 51.136

5.19.GCP.HP



Point ID: 5.19.GCP.HP
Easting: 973461.247
Northing: 3542011.3
Orthometric Height: 67.558
Latitude: 31° 54' 56.56"
Longitude: -93° 59' 42.42"
Ellipsoid Height: 41.65

5.4.GCP.HP



Point ID: 5.4.GCP.HP
Easting: 990108.79
Northing: 3489224.062
Orthometric Height: 102.279
Latitude: 31° 26' 03.03"
Longitude: -93° 50' 45.45"
Ellipsoid Height: 75.07

5.53.GCP.HP



Point ID: 5.53.GCP.HP
Easting: 1021725.889
Northing: 3449804.629
Orthometric Height: 32.856
Latitude: 31° 03' 58.58"
Longitude: -93° 32' 06.06"
Ellipsoid Height: 5.615

5.81.GCP.HP



Point ID: 5.81.GCP.HP
Easting: 981668.956
Northing: 3529570.05
Orthometric Height: 84.904
Latitude: 31° 48' 01.01"
Longitude: -93° 54' 52.52"
Ellipsoid Height: 58.798

6.1.GCP.HP



Point ID: 6.1.GCP.HP
Easting: 990313.665
Northing: 3495980.689
Orthometric Height: 70.592
Latitude: 31° 29' 41.41"
Longitude: -93° 50' 25.25"
Ellipsoid Height: 43.545

6.12.GCP.HP



Point ID: 6.12.GCP.HP
Easting: 1004468.826
Northing: 3432878.375
Orthometric Height: 105
Latitude: 30° 55' 18.18"
Longitude: -93° 43' 25.25"
Ellipsoid Height: 77.535

6.15.GCP.HP



Point ID: 6.15.GCP.HP
Easting: 1001367.972
Northing: 3424534.24
Orthometric Height: 55.238
Latitude: 30° 50' 53.53"
Longitude: -93° 45' 36.36"
Ellipsoid Height: 27.771

6.21.GCP.HP



Point ID: 6.21.GCP.HP
Easting: 1007679.795
Northing: 3412660.457
Orthometric Height: 33.622
Latitude: 30° 44' 19.19"
Longitude: -93° 42' 00.00"
Ellipsoid Height: 6.261

6.5.GCP.HP



Point ID: 6.5.GCP.HP
Easting: 1004899.465
Northing: 3447317.088
Orthometric Height: 99.712
Latitude: 31° 03' 04.04"
Longitude: -93° 42' 43.43"
Ellipsoid Height: 72.168

6.7.GCP.HP



Point ID: 6.7.GCP.HP
Easting: 1006404.651
Northing: 3442819.152
Orthometric Height: 59.706
Latitude: 31° 00' 37.37"
Longitude: -93° 41' 54.54"
Ellipsoid Height: 32.2

04.28.GCP.PS



Point ID: 04.28.GCP.PS
Easting: 863552.701
Northing: 3436817.381
Orthometric Height: 78.644
Latitude: 31° 00' 32.32"
Longitude: -95° 11' 34.34"
Ellipsoid Height: 51.475

04.31.GCP.PS



Point ID: 04.31.GCP.PS
Easting: 854686.461
Northing: 3417072.32
Orthometric Height: 81.662
Latitude: 30° 50' 02.02"
Longitude: -95° 17' 32.32"
Ellipsoid Height: 54.487

06.40.GCP.PS2



Point ID: 06.40.GCP.PS2
Easting: 1005547.413
Northing: 3399948.599
Orthometric Height: 17.769
Latitude: 30° 37' 31.31"
Longitude: -93° 43' 43.43"
Ellipsoid Height: -9.609

1A.36.GCP.PS



Point ID: 1A.36.GCP.PS
Easting: 691078.957
Northing: 3367120.679
Orthometric Height: 137.461
Latitude: 30° 25' 16.16"
Longitude: -97° 00' 38.38"
Ellipsoid Height: 111.297

3.23.GCP.PS



Point ID: 3.23.GCP.PS
Easting: 787257.825
Northing: 3406613.423
Orthometric Height: 107.988
Latitude: 30° 45' 28.28"
Longitude: -95° 59' 57.57"
Ellipsoid Height: 81.154

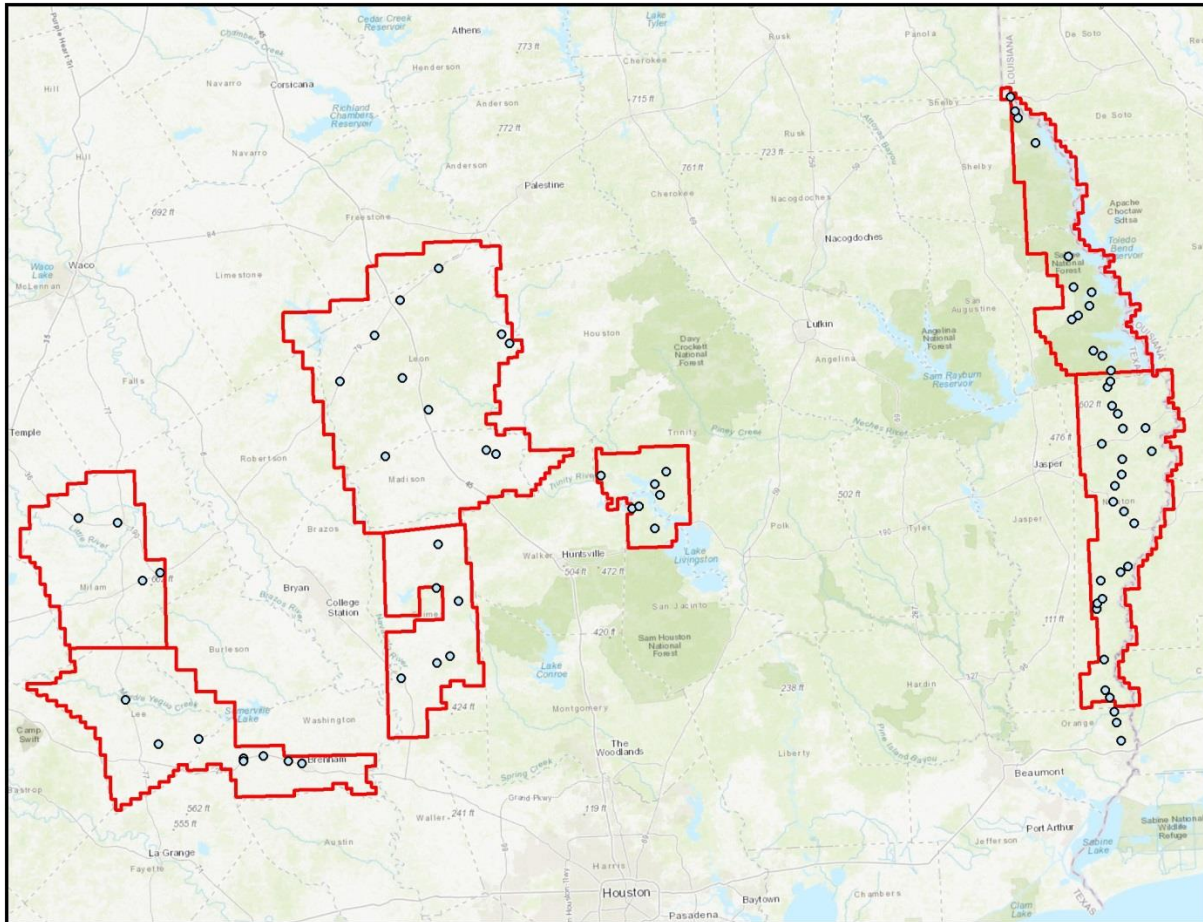
3.8.GCP.PS



Point ID: 3.8.GCP.PS
Easting: 783821.604
Northing: 3359320.937
Orthometric Height: 65.118
Latitude: 30° 19' 57.57"
Longitude: -96° 02' 53.53"
Ellipsoid Height: 37.736

Non-Vegetated Vertical Accuracy Checkpoints Bare Earth

The Map shows the overall distribution of the Non-Vegetated Vertical Accuracy Checkpoint, Bare Earth throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Bare Earth Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.04.NVA.BG	842987.319	3430103.779	71.264
04.06.NVA.BG	852630.029	3419895.311	53.626
04.07.NVA.BG	854822.121	3420655.507	54.598
04.11.NVA.BG	859746.335	3413591.383	52.896
04.16.NVA.BG	861376.826	3424053.383	48.946
04.23.NVA.BG	859832.593	3427528.039	59.716
04.25.NVA.BG	863271.523	3431412.541	79.611
06.23.NVA.BG	1002162.429	3360771.720	10.171
06.25.NVA.BG	1003664.723	3356293.436	8.068
06.26.NVA.BG	1004360.979	3352909.874	6.396
06.28.NVA.BG	1005672.123	3347201.711	3.769
06.29.NVA.BG	1000777.479	3362970.707	8.843
06.31.NVA.BG	1000312.019	3372714.285	11.984
06.34.NVA.BG	998113.987	3388353.770	15.890
06.35.NVA.BG	998187.087	3390232.168	17.239
06.36.NVA.BG	999945.072	3391654.234	18.695
06.37.NVA.BG	999269.149	3397367.154	20.174
06.40.NVA.BG	1005555.102	3399919.222	17.414
06.41.NVA.BG	1007776.129	3401691.306	17.940
1.16.NVA.BG	679499.872	3416881.570	157.879
1.17.NVA.BG	691631.752	3415455.628	127.697
1.2.NVA.BG	705018.664	3399748.371	152.903
1.3.NVA.BG	699447.496	3397270.182	132.216
1A.12.NVA.BG	731121.685	3341723.919	132.761
1A.12.NVA.BG.2	731136.356	3341741.940	134.177
1A.16.NVA.BG	717081.861	3347768.788	96.323
1A.23.NVA.BG	704381.941	3346151.162	102.867
1A.3.NVA.BG	749438.432	3340132.650	90.431
1A.37.NVA.BG	694176.371	3359994.646	106.475
1A.4.NVA.BG	745095.337	3340858.221	117.888
1A.6.NVA.BG	737315.795	3342543.978	116.642
1A.8.NVA.BG	731049.769	3340829.930	134.795
2.10.NVA.BG	792105.526	3494947.015	104.540
2.15.NVA.BG	811919.486	3474344.318	83.055
2.16.NVA.BH	814265.136	3471551.111	59.338
2.3.NVA.BG	761203.261	3459592.523	123.018
2.53.NVA.BG	780832.887	3460655.048	150.167
2.56.NVA.BG	788945.606	3450713.905	103.840

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
2.6.NVA.BG	772102.025	3473982.942	150.156
2.61.NVA.BG	807029.942	3438155.703	82.209
2.62.NVA.BG	810011.295	3436841.321	75.585
2.70.NVA.BG	775528.281	3436218.780	111.890
2.8.NVA.BG	780079.869	3484997.207	119.149
3.12.NVA.BG	795637.108	3373705.515	111.814
3.14.NVA.BG	791682.148	3371587.001	118.565
3.17.NVA.BG	798313.178	3390874.327	107.346
3.19.NVA.BG	792050.044	3408678.086	102.493
3.21.NVA.BG	791396.136	3395055.582	102.003
3.7.NVA.BG	780430.946	3366846.596	71.940
5.10.NVA.BG	989182.375	3498653.142	89.105
5.11.NVA.BG	992163.772	3480270.029	94.308
5.12.NVA.BG	990361.872	3479054.100	88.021
5.16.NVA.BG	997003.805	3469270.080	73.610
5.17.NVA.BG	999837.974	3467553.294	59.461
5.18.NVA.BG	1002443.093	3462992.833	81.776
5.19.NVA.BG	973487.840	3542049.885	67.735
5.29.NVA.BG	972496.006	3544036.044	76.994
5.30.NVA.BG	971042.572	3548493.169	60.276
5.5.NVA.BG	990885.354	3489176.640	94.189
5.50.NVA.BG	999725.277	3440095.495	80.219
5.52.NVA.BG	1013398.627	3445043.420	82.034
5.54.NVA.BG	1015305.865	3437863.099	36.029
5.7.NVA.BG	996428.058	3487526.432	54.716
5.80.NVA.BG	978897.289	3534162.765	54.405
5.80.NVA.BH	978860.139	3534148.757	53.265
5.9.NVA.BG	995818.940	3483264.202	78.467
6.02.NVA.BG	1001477.649	3457824.158	118.001
6.1.NVA.BG	1002356.154	3459636.314	125.640
6.11.NVA.BG	1006045.488	3435257.551	89.479
6.13.NVA.BG	1005909.036	3430436.161	92.003
6.14.NVA.BG	1003735.312	3426871.806	75.003
6.16.NVA.BG	1003217.068	3421982.749	60.495
6.18.NVA.BG	1006628.772	3418890.336	45.904
6.20.NVA.BG	1009792.472	3415308.452	31.000
6.3.NVA.BG	1002943.793	3452076.610	135.823
6.4.NVA.BG	1004627.334	3449585.896	117.652
6.6.NVA.BG	1006240.767	3444902.046	70.051

04.04.NVA.BG



Point ID: 04.04.NVA.BG
Easting: 842987.319
Northing: 3430103.779
Orthometric Height: 71.264
Latitude: 30° 57' 17.17"
Longitude: -95° 24' 36.36"
Ellipsoid Height: 44.141

04.06.NVA.BG



Point ID: 04.06.NVA.BG
Easting: 852630.029
Northing: 3419895.311
Orthometric Height: 53.626
Latitude: 30° 51' 35.35"
Longitude: -95° 18' 46.46"
Ellipsoid Height: 26.448

04.07.NVA.BG



Point ID: 04.07.NVA.BG
Easting: 854822.121
Northing: 3420655.507
Orthometric Height: 54.598
Latitude: 30° 51' 58.58"
Longitude: -95° 17' 23.23"
Ellipsoid Height: 27.42

04.11.NVA.BG



Point ID: 04.11.NVA.BG
Easting: 859746.335
Northing: 3413591.383
Orthometric Height: 52.896
Latitude: 30° 48' 03.03"
Longitude: -95° 14' 27.27"
Ellipsoid Height: 25.714

04.16.NVA.BG



Point ID: 04.16.NVA.BG
Easting: 861376.826
Northing: 3424053.383
Orthometric Height: 48.946
Latitude: 30° 53' 41.41"
Longitude: -95° 13' 12.12"
Ellipsoid Height: 21.763

04.23.NVA.BG



Point ID: 04.23.NVA.BG
Easting: 859832.593
Northing: 3427528.039
Orthometric Height: 59.716
Latitude: 30° 55' 35.35"
Longitude: -95° 14' 06.06"
Ellipsoid Height: 32.535

04.25.NVA.BG



Point ID: 04.25.NVA.BG
Easting: 863271.523
Northing: 3431412.541
Orthometric Height: 79.611
Latitude: 30° 57' 37.37"
Longitude: -95° 11' 52.52"
Ellipsoid Height: 52.431

06.23.NVA.BG



Point ID: 06.23.NVA.BG
Easting: 1002162.429
Northing: 3360771.72
Orthometric Height: 10.171
Latitude: 30° 16' 29.29"
Longitude: -93° 46' 57.57"
Ellipsoid Height: -17.23

06.25.NVA.BG



Point ID: 06.25.NVA.BG
Easting: 1003664.723
Northing: 3356293.436
Orthometric Height: 8.068
Latitude: 30° 14' 02.02"
Longitude: -93° 46' 09.09"
Ellipsoid Height: -19.307

06.26.NVA.BG



Point ID: 06.26.NVA.BG
Easting: 1004360.979
Northing: 3352909.874
Orthometric Height: 6.396
Latitude: 30° 12' 11.11"
Longitude: -93° 45' 49.49"
Ellipsoid Height: -20.955

06.28.NVA.BG



Point ID: 06.28.NVA.BG
Easting: 1005672.123
Northing: 3347201.711
Orthometric Height: 3.769
Latitude: 30° 09' 05.05"
Longitude: -93° 45' 10.10"
Ellipsoid Height: -23.537

06.29.NVA.BG



Point ID: 06.29.NVA.BG
Easting: 1000777.479
Northing: 3362970.707
Orthometric Height: 8.843
Latitude: 30° 17' 42.42"
Longitude: -93° 47' 45.45"
Ellipsoid Height: -18.57

06.31.NVA.BG



Point ID: 06.31.NVA.BG
Easting: 1000312.019
Northing: 3372714.285
Orthometric Height: 11.984
Latitude: 30° 22' 58.58"
Longitude: -93° 47' 46.46"
Ellipsoid Height: -15.444

06.34.NVA.BG



Point ID: 06.34.NVA.BG
Easting: 998113.987
Northing: 3388353.77
Orthometric Height: 15.89
Latitude: 30° 31' 27.27"
Longitude: -93° 48' 41.41"
Ellipsoid Height: -11.531

06.35.NVA.BG



Point ID: 06.35.NVA.BG
Easting: 998187.087
Northing: 3390232.168
Orthometric Height: 17.239
Latitude: 30° 32' 28.28"
Longitude: -93° 48' 35.35"
Ellipsoid Height: -10.182

06.36.NVA.BG



Point ID: 06.36.NVA.BG
Easting: 999945.072
Northing: 3391654.234
Orthometric Height: 18.695
Latitude: 30° 33' 11.11"
Longitude: -93° 47' 27.27"
Ellipsoid Height: -8.717

06.37.NVA.BG



Point ID: 06.37.NVA.BG
Easting: 999269.149
Northing: 3397367.154
Orthometric Height: 20.174
Latitude: 30° 36' 17.17"
Longitude: -93° 47' 42.42"
Ellipsoid Height: -7.243

06.40.NVA.BG



Point ID: 06.40.NVA.BG
Easting: 1005555.102
Northing: 3399919.222
Orthometric Height: 17.414
Latitude: 30° 37' 30.30"
Longitude: -93° 43' 43.43"
Ellipsoid Height: -9.964

06.41.NVA.BG



Point ID: 06.41.NVA.BG
Easting: 1007776.129
Northing: 3401691.306
Orthometric Height: 17.94
Latitude: 30° 38' 24.24"
Longitude: -93° 42' 16.16"
Ellipsoid Height: -9.422

1.16.NVA.BG



Point ID: 1.16.NVA.BG
Easting: 679499.872
Northing: 3416881.57
Orthometric Height: 157.879
Latitude: 30° 52' 18.18"
Longitude: -97° 07' 21.21"
Ellipsoid Height: 131.63

1.17.NVA.BG



Point ID: 1.17.NVA.BG
Easting: 691631.752
Northing: 3415455.628
Orthometric Height: 127.697
Latitude: 30° 51' 25.25"
Longitude: -96° 59' 45.45"
Ellipsoid Height: 101.654

1.2.NVA.BG



Point ID: 1.2.NVA.BG
Easting: 705018.664
Northing: 3399748.371
Orthometric Height: 152.903
Latitude: 30° 42' 47.47"
Longitude: -96° 51' 33.33"
Ellipsoid Height: 126.835

1.3.NVA.BG



Point ID: 1.3.NVA.BG
Easting: 699447.496
Northing: 3397270.182
Orthometric Height: 132.216
Latitude: 30° 41' 30.30"
Longitude: -96° 55' 04.04"
Ellipsoid Height: 106.171

1A.12.NVA.BG



Point ID: 1A.12.NVA.BG
Easting: 731121.685
Northing: 3341723.919
Orthometric Height: 132.761
Latitude: 30° 11' 06.06"
Longitude: -96° 35' 58.58"
Ellipsoid Height: 105.722

1A.12.NVA.BG.2



Point ID: 1A.12.NVA.BG.2
Easting: 731136.356
Northing: 3341741.94
Orthometric Height: 134.177
Latitude: 30° 11' 07.07"
Longitude: -96° 35' 58.58"
Ellipsoid Height: 107.138

1A.16.NVA.BG



Point ID: 1A.16.NVA.BG
Easting: 717081.861
Northing: 3347768.788
Orthometric Height: 96.323
Latitude: 30° 14' 32.32"
Longitude: -96° 44' 38.38"
Ellipsoid Height: 69.519

1A.23.NVA.BG



Point ID: 1A.23.NVA.BG
Easting: 704381.941
Northing: 3346151.162
Orthometric Height: 102.867
Latitude: 30° 13' 47.47"
Longitude: -96° 52' 34.34"
Ellipsoid Height: 76.278

1A.3.NVA.BG



Point ID: 1A.3.NVA.BG
Easting: 749438.432
Northing: 3340132.65
Orthometric Height: 90.431
Latitude: 30° 10' 01.01"
Longitude: -96° 24' 35.35"
Ellipsoid Height: 63.173

1A.37.NVA.BG



Point ID: 1A.37.NVA.BG
Easting: 694176.371
Northing: 3359994.646
Orthometric Height: 106.475
Latitude: 30° 21' 23.23"
Longitude: -96° 58' 47.47"
Ellipsoid Height: 80.191

1A.4.NVA.BG



Point ID: 1A.4.NVA.BG
Easting: 745095.337
Northing: 3340858.221
Orthometric Height: 117.888
Latitude: 30° 10' 28.28"
Longitude: -96° 27' 17.17"
Ellipsoid Height: 90.678

1A.6.NVA.BG



Point ID: 1A.6.NVA.BG
Easting: 737315.795
Northing: 3342543.978
Orthometric Height: 116.642
Latitude: 30° 11' 28.28"
Longitude: -96° 32' 06.06"
Ellipsoid Height: 89.53

1A.8.NVA.BG



Point ID: 1A.8.NVA.BG
Easting: 731049.769
Northing: 3340829.93
Orthometric Height: 134.795
Latitude: 30° 10' 37.37"
Longitude: -96° 36' 02.02"
Ellipsoid Height: 107.75

2.10.NVA.BG



Point ID: 2.10.NVA.BG
Easting: 792105.526
Northing: 3494947.015
Orthometric Height: 104.54
Latitude: 31° 33' 09.09"
Longitude: -95° 55' 23.23"
Ellipsoid Height: 78.385

2.15.NVA.BG



Point ID: 2.15.NVA.BG
Easting: 811919.486
Northing: 3474344.318
Orthometric Height: 83.055
Latitude: 31° 21' 42.42"
Longitude: -95° 43' 16.16"
Ellipsoid Height: 56.363

2.16.NVA.BH



Point ID: 2.16.NVA.BH
Easting: 814265.136
Northing: 3471551.111
Orthometric Height: 59.338
Latitude: 31° 20' 10.10"
Longitude: -95° 41' 50.50"
Ellipsoid Height: 32.605

2.3.NVA.BG



Point ID: 2.3.NVA.BG
Easting: 761203.261
Northing: 3459592.523
Orthometric Height: 123.018
Latitude: 31° 14' 29.29"
Longitude: -96° 15' 27.27"
Ellipsoid Height: 97.061

2.53.NVA.BG



Point ID: 2.53.NVA.BG
Easting: 780832.887
Northing: 3460655.048
Orthometric Height: 150.167
Latitude: 31° 14' 47.47"
Longitude: -96° 03' 05.05"
Ellipsoid Height: 123.858

2.56.NVA.BG



Point ID: 2.56.NVA.BG
Easting: 788945.606
Northing: 3450713.905
Orthometric Height: 103.84
Latitude: 31° 09' 17.17"
Longitude: -95° 58' 09.09"
Ellipsoid Height: 77.311

2.6.NVA.BG



Point ID: 2.6.NVA.BG
Easting: 772102.025
Northing: 3473982.942
Orthometric Height: 150.156
Latitude: 31° 22' 07.07"
Longitude: -96° 08' 21.21"
Ellipsoid Height: 124.166

2.61.NVA.BG



Point ID: 2.61.NVA.BG
Easting: 807029.942
Northing: 3438155.703
Orthometric Height: 82.209
Latitude: 31° 02' 13.13"
Longitude: -95° 47' 00.00"
Ellipsoid Height: 55.407

2.62.NVA.BG



Point ID: 2.62.NVA.BG
Easting: 810011.295
Northing: 3436841.321
Orthometric Height: 75.585
Latitude: 31° 01' 28.28"
Longitude: -95° 45' 10.10"
Ellipsoid Height: 48.749

2.70.NVA.BG



Point ID: 2.70.NVA.BG
Easting: 775528.281
Northing: 3436218.78
Orthometric Height: 111.89
Latitude: 31° 01' 39.39"
Longitude: -96° 06' 49.49"
Ellipsoid Height: 85.464

2.8.NVA.BG



Point ID: 2.8.NVA.BG
Easting: 780079.869
Northing: 3484997.207
Orthometric Height: 119.149
Latitude: 31° 27' 57.57"
Longitude: -96° 03' 08.08"
Ellipsoid Height: 93.115

3.12.NVA.BG



Point ID: 3.12.NVA.BG
Easting: 795637.108
Northing: 3373705.515
Orthometric Height: 111.814
Latitude: 30° 27' 33.33"
Longitude: -95° 55' 16.16"
Ellipsoid Height: 84.519

3.14.NVA.BG



Point ID: 3.14.NVA.BG
Easting: 791682.148
Northing: 3371587.001
Orthometric Height: 118.565
Latitude: 30° 26' 28.28"
Longitude: -95° 57' 47.47"
Ellipsoid Height: 91.271

3.17.NVA.BG



Point ID: 3.17.NVA.BG
Easting: 798313.178
Northing: 3390874.327
Orthometric Height: 107.346
Latitude: 30° 36' 48.48"
Longitude: -95° 53' 18.18"
Ellipsoid Height: 80.204

3.19.NVA.BG



Point ID: 3.19.NVA.BG
Easting: 792050.044
Northing: 3408678.086
Orthometric Height: 102.493
Latitude: 30° 46' 31.31"
Longitude: -95° 56' 55.55"
Ellipsoid Height: 75.61

3.21.NVA.BG



Point ID: 3.21.NVA.BG
Easting: 791396.136
Northing: 3395055.582
Orthometric Height: 102.003
Latitude: 30° 39' 10.10"
Longitude: -95° 57' 33.33"
Ellipsoid Height: 74.98

3.7.NVA.BG



Point ID: 3.7.NVA.BG
Easting: 780430.946
Northing: 3366846.596
Orthometric Height: 71.94
Latitude: 30° 24' 04.04"
Longitude: -96° 04' 52.52"
Ellipsoid Height: 44.646

5.10.NVA.BG



Point ID: 5.10.NVA.BG
Easting: 989182.375
Northing: 3498653.142
Orthometric Height: 89.105
Latitude: 31° 31' 09.09"
Longitude: -93° 51' 03.03"
Ellipsoid Height: 62.115

5.11.NVA.BG



Point ID: 5.11.NVA.BG
Easting: 992163.772
Northing: 3480270.029
Orthometric Height: 94.308
Latitude: 31° 21' 10.10"
Longitude: -93° 49' 43.43"
Ellipsoid Height: 66.904

5.12.NVA.BG



Point ID: 5.12.NVA.BG
Easting: 990361.872
Northing: 3479054.1
Orthometric Height: 88.021
Latitude: 31° 20' 33.33"
Longitude: -93° 50' 53.53"
Ellipsoid Height: 60.588

5.16.NVA.BG



Point ID: 5.16.NVA.BG
Easting: 997003.805
Northing: 3469270.08
Orthometric Height: 73.61
Latitude: 31° 15' 07.07"
Longitude: -93° 47' 01.01"
Ellipsoid Height: 46.047

5.17.NVA.BG



Point ID: 5.17.NVA.BG
Easting: 999837.974
Northing: 3467553.294
Orthometric Height: 59.461
Latitude: 31° 14' 07.07"
Longitude: -93° 45' 17.17"
Ellipsoid Height: 31.895

5.18.NVA.BG



Point ID: 5.18.NVA.BG
Easting: 1002443.093
Northing: 3462992.833
Orthometric Height: 81.776
Latitude: 31° 11' 35.35"
Longitude: -93° 43' 47.47"
Ellipsoid Height: 54.204

5.19.NVA.BG



Point ID: 5.19.NVA.BG
Easting: 973487.84
Northing: 3542049.885
Orthometric Height: 67.735
Latitude: 31° 54' 57.57"
Longitude: -93° 59' 40.40"
Ellipsoid Height: 41.827

5.29.NVA.BG



Point ID: 5.29.NVA.BG
Easting: 972496.006
Northing: 3544036.044
Orthometric Height: 76.994
Latitude: 31° 56' 02.02"
Longitude: -94° 00' 15.15"
Ellipsoid Height: 51.087

5.30.NVA.BG



Point ID: 5.30.NVA.BG
Easting: 971042.572
Northing: 3548493.169
Orthometric Height: 60.276
Latitude: 31° 58' 29.29"
Longitude: -94° 01' 02.02"
Ellipsoid Height: 34.358

5.5.NVA.BG



Point ID: 5.5.NVA.BG
Easting: 990885.354
Northing: 3489176.64
Orthometric Height: 94.189
Latitude: 31° 26' 00.00"
Longitude: -93° 50' 16.16"
Ellipsoid Height: 66.98

5.50.NVA.BG



Point ID: 5.50.NVA.BG
Easting: 999725.277
Northing: 3440095.495
Orthometric Height: 80.219
Latitude: 30° 59' 19.19"
Longitude: -93° 46' 10.10"
Ellipsoid Height: 52.615

5.52.NVA.BG



Point ID: 5.52.NVA.BG
Easting: 1013398.627
Northing: 3445043.42
Orthometric Height: 82.034
Latitude: 31° 01' 38.38"
Longitude: -93° 37' 28.28"
Ellipsoid Height: 54.64

5.54.NVA.BG



Point ID: 5.54.NVA.BG
Easting: 1015305.865
Northing: 3437863.099
Orthometric Height: 36.029
Latitude: 30° 57' 42.42"
Longitude: -93° 36' 29.29"
Ellipsoid Height: 8.703

5.7.NVA.BG



Point ID: 5.7.NVA.BG
Easting: 996428.058
Northing: 3487526.432
Orthometric Height: 54.716
Latitude: 31° 24' 58.58"
Longitude: -93° 46' 50.50"
Ellipsoid Height: 27.472

5.80.NVA.BG



Point ID: 5.80.NVA.BG
Easting: 978897.289
Northing: 3534162.765
Orthometric Height: 54.405
Latitude: 31° 50' 33.33"
Longitude: -93° 56' 29.29"
Ellipsoid Height: 28.411

5.80.NVA.BH



Point ID: 5.80.NVA.BH
Easting: 978860.139
Northing: 3534148.757
Orthometric Height: 53.265
Latitude: 31° 50' 33.33"
Longitude: -93° 56' 31.31"
Ellipsoid Height: 27.271

5.9.NVA.BG



Point ID: 5.9.NVA.BG
Easting: 995818.94
Northing: 3483264.202
Orthometric Height: 78.467
Latitude: 31° 22' 41.41"
Longitude: -93° 47' 20.20"
Ellipsoid Height: 51.134

6.02.NVA.BG



Point ID: 6.02.NVA.BG
Easting: 1001477.649
Northing: 3457824.158
Orthometric Height: 118.001
Latitude: 31° 08' 49.49"
Longitude: -93° 44' 33.33"
Ellipsoid Height: 90.406

6.1.NVA.BG



Point ID: 6.1.NVA.BG
Easting: 1002356.154
Northing: 3459636.314
Orthometric Height: 125.64
Latitude: 31° 09' 47.47"
Longitude: -93° 43' 56.56"
Ellipsoid Height: 98.06

6.11.NVA.BG



Point ID: 6.11.NVA.BG
Easting: 1006045.488
Northing: 3435257.551
Orthometric Height: 89.479
Latitude: 30° 56' 33.33"
Longitude: -93° 42' 21.21"
Ellipsoid Height: 62.022

6.13.NVA.BG



Point ID: 6.13.NVA.BG
Easting: 1005909.036
Northing: 3430436.161
Orthometric Height: 92.003
Latitude: 30° 53' 57.57"
Longitude: -93° 42' 35.35"
Ellipsoid Height: 64.579

6.14.NVA.BG



Point ID: 6.14.NVA.BG
Easting: 1003735.312
Northing: 3426871.806
Orthometric Height: 75.003
Latitude: 30° 52' 05.05"
Longitude: -93° 44' 03.03"
Ellipsoid Height: 47.562

6.16.NVA.BG



Point ID: 6.16.NVA.BG
Easting: 1003217.068
Northing: 3421982.749
Orthometric Height: 60.495
Latitude: 30° 49' 27.27"
Longitude: -93° 44' 31.31"
Ellipsoid Height: 33.064

6.18.NVA.BG



Point ID: 6.18.NVA.BG
Easting: 1006628.772
Northing: 3418890.336
Orthometric Height: 45.904
Latitude: 30° 47' 42.42"
Longitude: -93° 42' 29.29"
Ellipsoid Height: 18.525

6.20.NVA.BG



Point ID: 6.20.NVA.BG
Easting: 1009792.472
Northing: 3415308.452
Orthometric Height: 31
Latitude: 30° 45' 42.42"
Longitude: -93° 40' 37.37"
Ellipsoid Height: 3.661

6.3.NVA.BG



Point ID: 6.3.NVA.BG
Easting: 1002943.793
Northing: 3452076.61
Orthometric Height: 135.823
Latitude: 31° 05' 41.41"
Longitude: -93° 43' 48.48"
Ellipsoid Height: 108.251

6.4.NVA.BG



Point ID: 6.4.NVA.BG
Easting: 1004627.334
Northing: 3449585.896
Orthometric Height: 117.652
Latitude: 31° 04' 18.18"
Longitude: -93° 42' 49.49"
Ellipsoid Height: 90.103

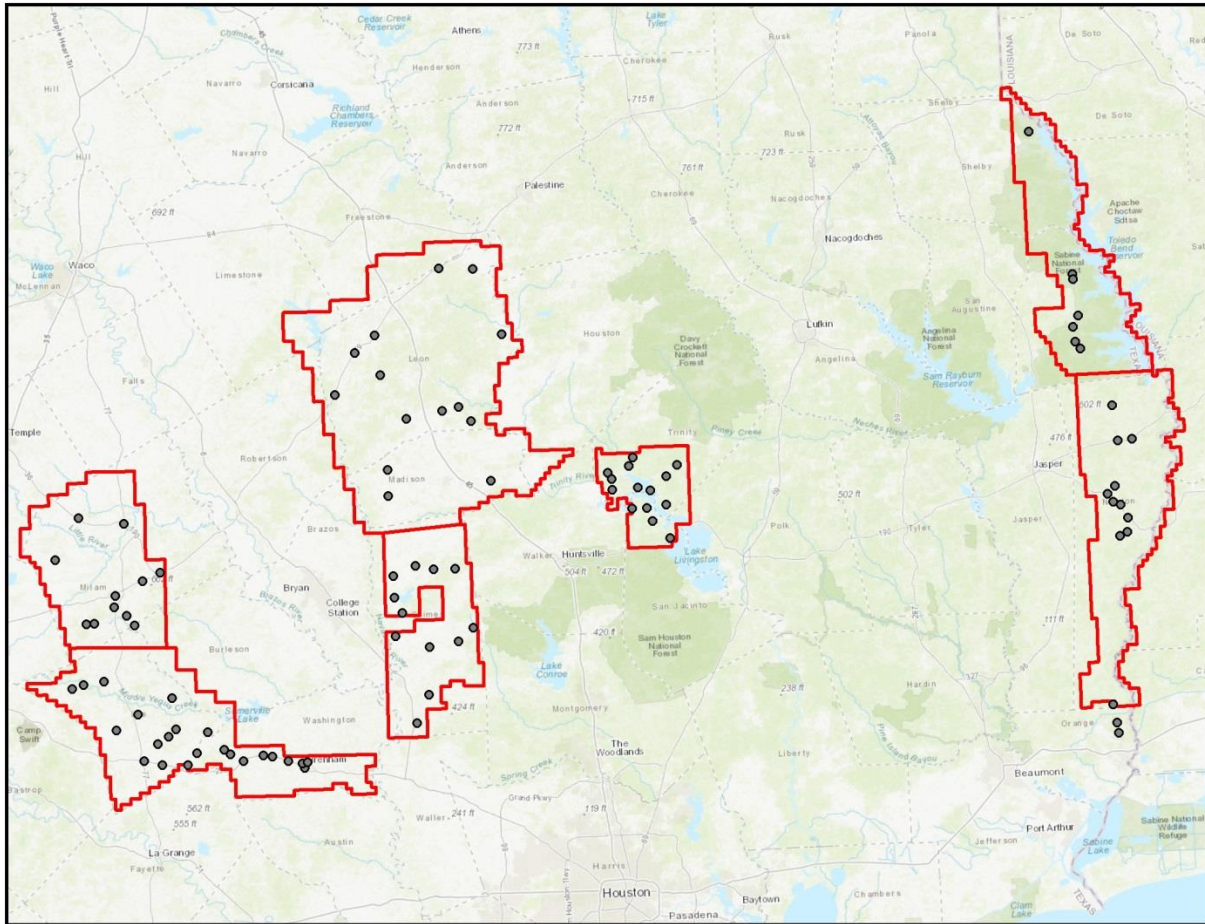
6.6.NVA.BG



Point ID: 6.6.NVA.BG
Easting: 1006240.767
Northing: 3444902.046
Orthometric Height: 70.051
Latitude: 31° 01' 44.44"
Longitude: -93° 41' 57.57"
Ellipsoid Height: 42.534

Non-Vegetated Vertical Accuracy Checkpoints Hard Pavement

The Map shows the overall distribution of the Non-Vegetated Vertical Accuracy Checkpoint, Hard Pavement throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Hard Pavement Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.02.NVA.HP	845098.281	3431062.400	79.655
04.03.NVA.HP	846313.076	3429013.115	69.754
04.05.NVA.HP	846405.847	3425702.836	58.603
04.06.NVA.HP	852630.034	3419882.531	53.746
04.08.NVA.HP	857300.189	3420045.646	55.774
04.10.NVA.HP	859077.640	3415915.429	60.451
04.13.NVA.HP	864561.987	3410655.780	53.888
04.15.NVA.HP	863320.622	3421015.944	55.892
04.17.NVA.HP	858428.988	3425618.035	47.534
04.18.NVA.HP	854401.268	3426381.669	66.233
04.21.NVA.HP	851592.819	3433163.778	60.906
04.22.NVA.HP	852848.515	3435890.788	84.116
04.24.NVA.HP	863258.005	3429940.862	78.732
04.27.NVA.HP	866804.126	3433489.055	69.487
06.24.NVA.HP	1003204.192	3358617.843	10.089
06.26.NVA.HP	1004391.777	3352930.107	6.337
06.27.NVA.HP	1005096.795	3349707.262	4.879
1.1.NVA.HP	690969.914	3392496.121	139.637
1.13.NVA.HP	672133.903	3403745.548	159.902
1.16.NVA.HP	679486.150	3416911.812	158.548
1.18.NVA.HP	693589.736	3415015.462	120.664
1.2.NVA.HP	705002.362	3399777.629	153.402
1.3.NVA.HP	699481.258	3397187.683	130.209
1.4.NVA.HP	694443.774	3386221.838	136.634
1.5.NVA.HP	697022.537	3383365.232	129.129
1.6.NVA.HP	690658.373	3388931.348	143.232
1.7.NVA.HP	684477.034	3383778.765	147.847
1.8.NVA.HP	681954.522	3383645.872	161.468
1A.13.NVA.HP	726941.879	3342987.717	152.273
1A.14.NVA.HP	725004.260	3344420.303	113.384
1A.15.NVA.HP	719888.852	3349965.493	94.059
1A.18.NVA.HP	716541.170	3343428.205	102.705
1A.19.NVA.HP	713605.258	3339589.938	112.499
1A.2.NVA.HP	750208.534	3338746.363	104.737
1A.20.NVA.HP	705765.919	3339635.929	141.623
1A.21.NVA.HP	699984.767	3340771.368	150.731
1A.23.NVA.HP	704364.136	3346172.767	102.605
1A.24.NVA.HP	707652.824	3348554.047	116.183

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
1A.25.NVA.HP	710023.984	3350786.494	119.016
1A.27.NVA.HP	708678.778	3360629.782	114.417
1A.3.NVA.HP	749518.456	3340210.164	89.851
1A.30.NVA.HP	698048.675	3355504.681	136.248
1A.33.NVA.HP	691369.454	3350394.567	146.786
1A.38.NVA.HP	687370.630	3365730.620	124.319
1A.39.NVA.HP	680977.409	3364708.932	135.144
1A.4.NVA.HP	745079.472	3340837.217	118.555
1A.40.NVA.HP	677540.433	3363437.237	145.764
1A.5.NVA.HP	740176.151	3342365.107	111.011
1A.6.NVA.HP	737299.076	3342551.894	117.207
1A.8.NVA.HP	731064.256	3340832.318	134.669
1A.NVA.HP	751223.900	3340463.375	93.996
2.10.NVA.HP	792100.370	3494955.242	104.399
2.12.NVA.HP	802726.248	3494802.389	92.318
2.15.NVA.HP	811920.220	3474356.974	83.115
2.2.NVA.HP	759752.331	3455401.456	120.287
2.4.NVA.HP	765884.810	3468450.851	137.032
2.54.NVA.HP	773955.580	3461497.554	162.618
2.56.NVA.HP	782065.779	3447833.519	126.366
2.58.NVA.HP	793263.643	3450358.736	94.720
2.59.NVA.HP	798303.766	3451553.994	62.744
2.6.NVA.HP	772073.213	3473967.878	150.345
2.60.NVA.HP	802204.357	3447133.718	88.871
2.64.NVA.HP	808509.543	3428474.459	81.275
2.68.NVA.HP	776368.244	3423700.647	101.575
2.69.NVA.HP	776099.059	3431877.896	113.269
3.10.NVA.HP	789097.793	3361715.024	77.448
3.13.NVA.HP	789236.133	3376603.384	104.502
3.15.NVA.HP	798392.729	3378230.497	104.187
3.16.NVA.HP	802986.638	3382584.217	97.701
3.18.NVA.HP	797347.556	3401021.947	107.130
3.2.NVA.HP	777914.059	3398718.383	94.362
3.20.NVA.HP	790494.182	3400917.326	101.347
3.22.NVA.HP	784964.514	3401870.730	103.273
3.3.NVA.HQ	778337.200	3392007.627	91.028
3.4.NVA.HP	780858.232	3387151.995	65.031
3.5.NVA.HP	778733.558	3379997.669	65.592
3.9.NVA.HP	785370.181	3352833.257	76.067
5.11.NVA.HP	992153.170	3480226.213	95.149

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
5.13.NVA.HP	990629.591	3476629.284	79.064
5.14.NVA.HP	991341.957	3472115.662	96.979
5.15.NVA.HP	992992.508	3469892.067	88.825
5.2.NVA.HP	990430.893	3493143.416	140.017
5.3.NVA.HP	990603.807	3491526.156	127.051
5.51.NVA.HP	1004661.626	3441129.117	65.599
5.83.NVA.HP	976830.679	3537681.558	76.503
6.14.NVA.HP	1003757.076	3426911.286	75.837
6.15.NVA.HP	1001372.412	3424520.958	55.203
6.16.NVA.HP	1003228.396	3421964.379	60.491
6.17.NVA.HP	1005475.790	3421042.336	49.545
6.19.NVA.HP	1007839.462	3417050.309	42.149
6.21.NVA.HP	1007677.707	3412651.670	33.796
6.22.NVA.HP	1005403.360	3411372.225	35.178
6.3.NVA.HP	1002908.910	3452097.319	135.816
6.8.NVA.HP	1009139.152	3441641.749	57.494

04.02.NVA.HP



Point ID: 04.02.NVA.HP
Easting: 845098.281
Northing: 3431062.4
Orthometric Height: 79.655
Latitude: 30° 57' 45.45"
Longitude: -95° 23' 16.16"
Ellipsoid Height: 52.526

04.03.NVA.HP



Point ID: 04.03.NVA.HP
Easting: 846313.076
Northing: 3429013.115
Orthometric Height: 69.754
Latitude: 30° 56' 38.38"
Longitude: -95° 22' 32.32"
Ellipsoid Height: 42.61

04.05.NVA.HP



Point ID: 04.05.NVA.HP
Easting: 846405.847
Northing: 3425702.836
Orthometric Height: 58.603
Latitude: 30° 54' 50.50"
Longitude: -95° 22' 33.33"
Ellipsoid Height: 31.445

04.06.NVA.HP



Point ID: 04.06.NVA.HP
Easting: 852630.034
Northing: 3419882.531
Orthometric Height: 53.746
Latitude: 30° 51' 35.35"
Longitude: -95° 18' 46.46"
Ellipsoid Height: 26.568

04.08.NVA.HP



Point ID: 04.08.NVA.HP
Easting: 857300.189
Northing: 3420045.646
Orthometric Height: 55.774
Latitude: 30° 51' 35.35"
Longitude: -95° 15' 50.50"
Ellipsoid Height: 28.594

04.10.NVA.HP



Point ID: 04.10.NVA.HP
Easting: 859077.64
Northing: 3415915.429
Orthometric Height: 60.451
Latitude: 30° 49' 19.19"
Longitude: -95° 14' 49.49"
Ellipsoid Height: 33.27

04.13.NVA.HP



Point ID: 04.13.NVA.HP
Easting: 864561.987
Northing: 3410655.78
Orthometric Height: 53.888
Latitude: 30° 46' 23.23"
Longitude: -95° 11' 30.30"
Ellipsoid Height: 26.687

04.15.NVA.HP



Point ID: 04.15.NVA.HP
Easting: 863320.622
Northing: 3421015.944
Orthometric Height: 55.892
Latitude: 30° 52' 00.00"
Longitude: -95° 12' 03.03"
Ellipsoid Height: 28.708

04.17.NVA.HP



Point ID: 04.17.NVA.HP
Easting: 858428.988
Northing: 3425618.035
Orthometric Height: 47.534
Latitude: 30° 54' 35.35"
Longitude: -95° 15' 01.01"
Ellipsoid Height: 20.351

04.18.NVA.HP



Point ID: 04.18.NVA.HP
Easting: 854401.268
Northing: 3426381.669
Orthometric Height: 66.233
Latitude: 30° 55' 04.04"
Longitude: -95° 17' 32.32"
Ellipsoid Height: 39.058

04.21.NVA.HP



Point ID: 04.21.NVA.HP
Easting: 851592.819
Northing: 3433163.778
Orthometric Height: 60.906
Latitude: 30° 58' 47.47"
Longitude: -95° 19' 09.09"
Ellipsoid Height: 33.754

04.22.NVA.HP



Point ID: 04.22.NVA.HP
Easting: 852848.515
Northing: 3435890.788
Orthometric Height: 84.116
Latitude: 31° 00' 14.14"
Longitude: -95° 18' 18.18"
Ellipsoid Height: 56.972

04.24.NVA.HP



Point ID: 04.24.NVA.HP
Easting: 863258.005
Northing: 3429940.862
Orthometric Height: 78.732
Latitude: 30° 56' 50.50"
Longitude: -95° 11' 54.54"
Ellipsoid Height: 51.552

04.27.NVA.HP



Point ID: 04.27.NVA.HP
Easting: 866804.126
Northing: 3433489.055
Orthometric Height: 69.487
Latitude: 30° 58' 41.41"
Longitude: -95° 09' 36.36"
Ellipsoid Height: 42.305

06.24.NVA.HP



Point ID: 06.24.NVA.HP
Easting: 1003204.192
Northing: 3358617.843
Orthometric Height: 10.089
Latitude: 30° 15' 18.18"
Longitude: -93° 46' 22.22"
Ellipsoid Height: -17.3

06.26.NVA.HP



Point ID: 06.26.NVA.HP
Easting: 1004391.777
Northing: 3352930.107
Orthometric Height: 6.337
Latitude: 30° 12' 12.12"
Longitude: -93° 45' 48.48"
Ellipsoid Height: -21.014

06.27.NVA.HP



Point ID: 06.27.NVA.HP
Easting: 1005096.795
Northing: 3349707.262
Orthometric Height: 4.879
Latitude: 30° 10' 27.27"
Longitude: -93° 45' 27.27"
Ellipsoid Height: -22.447

1.13.NVA.HP



Point ID: 1.13.NVA.HP
Easting: 672133.903
Northing: 3403745.548
Orthometric Height: 159.902
Latitude: 30° 45' 15.15"
Longitude: -97° 12' 06.06"
Ellipsoid Height: 133.668

1.16.NVA.HP



Point ID: 1.16.NVA.HP
Easting: 679486.15
Northing: 3416911.812
Orthometric Height: 158.548
Latitude: 30° 52' 19.19"
Longitude: -97° 07' 21.21"
Ellipsoid Height: 132.299

1.18.NVA.HP



Point ID: 1.18.NVA.HP
Easting: 693589.736
Northing: 3415015.462
Orthometric Height: 120.664
Latitude: 30° 51' 09.09"
Longitude: -96° 58' 32.32"
Ellipsoid Height: 94.636

1.2.NVA.HP



Point ID: 1.2.NVA.HP
Easting: 705002.362
Northing: 3399777.629
Orthometric Height: 153.402
Latitude: 30° 42' 48.48"
Longitude: -96° 51' 33.33"
Ellipsoid Height: 127.334

1.3.NVA.HP



Point ID: 1.3.NVA.HP
Easting: 699481.258
Northing: 3397187.683
Orthometric Height: 130.209
Latitude: 30° 41' 27.27"
Longitude: -96° 55' 02.02"
Ellipsoid Height: 104.163

1.4.NVA.HP



Point ID: 1.4.NVA.HP
Easting: 694443.774
Northing: 3386221.838
Orthometric Height: 136.634
Latitude: 30° 35' 34.34"
Longitude: -96° 58' 19.19"
Ellipsoid Height: 110.565

1.5.NVA.HP



Point ID: 1.5.NVA.HP
Easting: 697022.537
Northing: 3383365.232
Orthometric Height: 129.129
Latitude: 30° 34' 00.00"
Longitude: -96° 56' 44.44"
Ellipsoid Height: 103.019

1.6.NVA.HP



Point ID: 1.6.NVA.HP
Easting: 690658.373
Northing: 3388931.348
Orthometric Height: 143.232
Latitude: 30° 37' 04.04"
Longitude: -97° 00' 39.39"
Ellipsoid Height: 117.194

1.7.NVA.HP



Point ID: 1.7.NVA.HP
Easting: 684477.034
Northing: 3383778.765
Orthometric Height: 147.847
Latitude: 30° 34' 20.20"
Longitude: -97° 04' 35.35"
Ellipsoid Height: 121.826

1.8.NVA.HP



Point ID: 1.8.NVA.HP
Easting: 681954.522
Northing: 3383645.872
Orthometric Height: 161.468
Latitude: 30° 34' 17.17"
Longitude: -97° 06' 10.10"
Ellipsoid Height: 135.453

1A.13.NVA.HP



Point ID: 1A.13.NVA.HP
Easting: 726941.879
Northing: 3342987.717
Orthometric Height: 152.273
Latitude: 30° 11' 50.50"
Longitude: -96° 38' 34.34"
Ellipsoid Height: 125.296

1A.14.NVA.HP



Point ID: 1A.14.NVA.HP
Easting: 725004.26
Northing: 3344420.303
Orthometric Height: 113.384
Latitude: 30° 12' 38.38"
Longitude: -96° 39' 45.45"
Ellipsoid Height: 86.438

1A.15.NVA.HP



Point ID: 1A.15.NVA.HP
Easting: 719888.852
Northing: 3349965.493
Orthometric Height: 94.059
Latitude: 30° 15' 41.41"
Longitude: -96° 42' 52.52"
Ellipsoid Height: 67.235

1A.18.NVA.HP



Point ID: 1A.18.NVA.HP
Easting: 716541.17
Northing: 3343428.205
Orthometric Height: 102.705
Latitude: 30° 12' 11.11"
Longitude: -96° 45' 02.02"
Ellipsoid Height: 75.871

1A.19.NVA.HP



Point ID: 1A.19.NVA.HP
Easting: 713605.258
Northing: 3339589.938
Orthometric Height: 112.499
Latitude: 30° 10' 08.08"
Longitude: -96° 46' 54.54"
Ellipsoid Height: 85.685

1A.2.NVA.HP



Point ID: 1A.2.NVA.HP
Easting: 750208.534
Northing: 3338746.363
Orthometric Height: 104.737
Latitude: 30° 09' 16.16"
Longitude: -96° 24' 08.08"
Ellipsoid Height: 77.467

1A.20.NVA.HP



Point ID: 1A.20.NVA.HP
Easting: 705765.919
Northing: 3339635.929
Orthometric Height: 141.623
Latitude: 30° 10' 15.15"
Longitude: -96° 51' 47.47"
Ellipsoid Height: 114.954

1A.21.NVA.HP



Point ID: 1A.21.NVA.HP
Easting: 699984.767
Northing: 3340771.368
Orthometric Height: 150.731
Latitude: 30° 10' 55.55"
Longitude: -96° 55' 23.23"
Ellipsoid Height: 124.181

1A.23.NVA.HP



Point ID: 1A.23.NVA.HP
Easting: 704364.136
Northing: 3346172.767
Orthometric Height: 102.605
Latitude: 30° 13' 48.48"
Longitude: -96° 52' 35.35"
Ellipsoid Height: 76.016

1A.24.NVA.HP



Point ID: 1A.24.NVA.HP
Easting: 707652.824
Northing: 3348554.047
Orthometric Height: 116.183
Latitude: 30° 15' 03.03"
Longitude: -96° 50' 30.30"
Ellipsoid Height: 89.559

1A.25.NVA.HP



Point ID: 1A.25.NVA.HP
Easting: 710023.984
Northing: 3350786.494
Orthometric Height: 119.016
Latitude: 30° 16' 14.14"
Longitude: -96° 49' 00.00"
Ellipsoid Height: 92.374

1A.27.NVA.HP



Point ID: 1A.27.NVA.HP
Easting: 708678.778
Northing: 3360629.782
Orthometric Height: 114.417
Latitude: 30° 21' 34.34"
Longitude: -96° 49' 43.43"
Ellipsoid Height: 87.916

1A.3.NVA.HP



Point ID: 1A.3.NVA.HP
Easting: 749518.456
Northing: 3340210.164
Orthometric Height: 89.851
Latitude: 30° 10' 04.04"
Longitude: -96° 24' 32.32"
Ellipsoid Height: 62.592

1A.30.NVA.HP



Point ID: 1A.30.NVA.HP
Easting: 698048.675
Northing: 3355504.681
Orthometric Height: 136.248
Latitude: 30° 18' 55.55"
Longitude: -96° 56' 25.25"
Ellipsoid Height: 109.862

1A.33.NVA.HP



Point ID: 1A.33.NVA.HP
Easting: 691369.454
Northing: 3350394.567
Orthometric Height: 146.786
Latitude: 30° 16' 12.12"
Longitude: -97° 00' 38.38"
Ellipsoid Height: 120.466

1A.38.NVA.HP



Point ID: 1A.38.NVA.HP
Easting: 687370.63
Northing: 3365730.62
Orthometric Height: 124.319
Latitude: 30° 24' 33.33"
Longitude: -97° 02' 58.58"
Ellipsoid Height: 98.187

1A.39.NVA.HP



Point ID: 1A.39.NVA.HP
Easting: 680977.409
Northing: 3364708.932
Orthometric Height: 135.144
Latitude: 30° 24' 03.03"
Longitude: -97° 06' 58.58"
Ellipsoid Height: 109.071

1A.4.NVA.HP



Point ID: 1A.4.NVA.HP
Easting: 745079.472
Northing: 3340837.217
Orthometric Height: 118.555
Latitude: 30° 10' 28.28"
Longitude: -96° 27' 18.18"
Ellipsoid Height: 91.345

1A.40.NVA.HP



Point ID: 1A.40.NVA.HP
Easting: 677540.433
Northing: 3363437.237
Orthometric Height: 145.764
Latitude: 30° 23' 24.24"
Longitude: -97° 09' 08.08"
Ellipsoid Height: 119.714

1A.5.NVA.HP



Point ID: 1A.5.NVA.HP
Easting: 740176.151
Northing: 3342365.107
Orthometric Height: 111.011
Latitude: 30° 11' 21.21"
Longitude: -96° 30' 20.20"
Ellipsoid Height: 83.864

1A.6.NVA.HP



Point ID: 1A.6.NVA.HP
Easting: 737299.076
Northing: 3342551.894
Orthometric Height: 117.207
Latitude: 30° 11' 29.29"
Longitude: -96° 32' 07.07"
Ellipsoid Height: 90.095

1A.8.NVA.HP



Point ID: 1A.8.NVA.HP
Easting: 731064.256
Northing: 3340832.318
Orthometric Height: 134.669
Latitude: 30° 10' 37.37"
Longitude: -96° 36' 01.01"
Ellipsoid Height: 107.624

1A.NVA.HP



Point ID: 1A.NVA.HP

Easting: 751223.9

Northing: 3340463.375

Orthometric Height: 93.996

Latitude: 30° 10' 11.11"

Longitude: -96° 23' 28.28"

Ellipsoid Height: 66.721

2.10.NVA.HP



Point ID: 2.10.NVA.HP
Easting: 792100.37
Northing: 3494955.242
Orthometric Height: 104.399
Latitude: 31° 33' 09.09"
Longitude: -95° 55' 23.23"
Ellipsoid Height: 78.245

2.12.NVA.HP



Point ID: 2.12.NVA.HP
Easting: 802726.248
Northing: 3494802.389
Orthometric Height: 92.318
Latitude: 31° 32' 55.55"
Longitude: -95° 48' 41.41"
Ellipsoid Height: 65.951

2.15.NVA.HP



Point ID: 2.15.NVA.HP
Easting: 811920.22
Northing: 3474356.974
Orthometric Height: 83.115
Latitude: 31° 21' 43.43"
Longitude: -95° 43' 16.16"
Ellipsoid Height: 56.423

2.2.NVA.HP



Point ID: 2.2.NVA.HP
Easting: 759752.331
Northing: 3455401.456
Orthometric Height: 120.287
Latitude: 31° 12' 14.14"
Longitude: -96° 16' 26.26"
Ellipsoid Height: 94.298

2.4.NVA.HP



Point ID: 2.4.NVA.HP
Easting: 765884.81
Northing: 3468450.851
Orthometric Height: 137.032
Latitude: 31° 19' 12.12"
Longitude: -96° 12' 22.22"
Ellipsoid Height: 111.107

2.54.NVA.HP



Point ID: 2.54.NVA.HP
Easting: 773955.58
Northing: 3461497.554
Orthometric Height: 162.618
Latitude: 31° 15' 20.20"
Longitude: -96° 07' 24.24"
Ellipsoid Height: 136.456

2.56.NVA.HP



Point ID: 2.56.NVA.HP
Easting: 782065.779
Northing: 3447833.519
Orthometric Height: 126.366
Latitude: 31° 07' 50.50"
Longitude: -96° 02' 31.31"
Ellipsoid Height: 99.938

2.58.NVA.HP



Point ID: 2.58.NVA.HP
Easting: 793263.643
Northing: 3450358.736
Orthometric Height: 94.72
Latitude: 31° 09' 02.02"
Longitude: -95° 55' 26.26"
Ellipsoid Height: 68.123

2.59.NVA.HP



Point ID: 2.59.NVA.HP
Easting: 798303.766
Northing: 3451553.994
Orthometric Height: 62.744
Latitude: 31° 09' 36.36"
Longitude: -95° 52' 15.15"
Ellipsoid Height: 36.084

2.6.NVA.HP



Point ID: 2.6.NVA.HP
Easting: 772073.213
Northing: 3473967.878
Orthometric Height: 150.345
Latitude: 31° 22' 06.06"
Longitude: -96° 08' 22.22"
Ellipsoid Height: 124.355

2.60.NVA.HP



Point ID: 2.60.NVA.HP
Easting: 802204.357
Northing: 3447133.718
Orthometric Height: 88.871
Latitude: 31° 07' 09.09"
Longitude: -95° 49' 52.52"
Ellipsoid Height: 62.15

2.64.NVA.HP



Point ID: 2.64.NVA.HP
Easting: 808509.543
Northing: 3428474.459
Orthometric Height: 81.275
Latitude: 30° 56' 58.58"
Longitude: -95° 46' 15.15"
Ellipsoid Height: 54.394

2.68.NVA.HP



Point ID: 2.68.NVA.HP
Easting: 776368.244
Northing: 3423700.647
Orthometric Height: 101.575
Latitude: 30° 54' 52.52"
Longitude: -96° 06' 30.30"
Ellipsoid Height: 75.023

3.10.NVA.HP



Point ID: 3.10.NVA.HP
Easting: 789097.793
Northing: 3361715.024
Orthometric Height: 77.448
Latitude: 30° 21' 10.10"
Longitude: -95° 59' 33.33"
Ellipsoid Height: 50.071

3.13.NVA.HP



Point ID: 3.13.NVA.HP
Easting: 789236.133
Northing: 3376603.384
Orthometric Height: 104.502
Latitude: 30° 29' 13.13"
Longitude: -95° 59' 13.13"
Ellipsoid Height: 77.271

3.15.NVA.HP



Point ID: 3.15.NVA.HP
Easting: 798392.729
Northing: 3378230.497
Orthometric Height: 104.187
Latitude: 30° 29' 58.58"
Longitude: -95° 53' 28.28"
Ellipsoid Height: 76.916

3.16.NVA.HP



Point ID: 3.16.NVA.HP
Easting: 802986.638
Northing: 3382584.217
Orthometric Height: 97.701
Latitude: 30° 32' 15.15"
Longitude: -95° 50' 32.32"
Ellipsoid Height: 70.44

3.18.NVA.HP



Point ID: 3.18.NVA.HP
Easting: 797347.556
Northing: 3401021.947
Orthometric Height: 107.13
Latitude: 30° 42' 18.18"
Longitude: -95° 53' 44.44"
Ellipsoid Height: 80.104

3.2.NVA.HP



Point ID: 3.2.NVA.HP
Easting: 777914.059
Northing: 3398718.383
Orthometric Height: 94.362
Latitude: 30° 41' 20.20"
Longitude: -96° 05' 56.56"
Ellipsoid Height: 67.551

3.20.NVA.HP



Point ID: 3.20.NVA.HP
Easting: 790494.182
Northing: 3400917.326
Orthometric Height: 101.347
Latitude: 30° 42' 21.21"
Longitude: -95° 58' 01.01"
Ellipsoid Height: 74.406

3.22.NVA.HP



Point ID: 3.22.NVA.HP
Easting: 784964.514
Northing: 3401870.73
Orthometric Height: 103.273
Latitude: 30° 42' 56.56"
Longitude: -96° 01' 28.28"
Ellipsoid Height: 76.418

3.3.NVA.HQ



Point ID: 3.3.NVA.HQ
Easting: 778337.2
Northing: 3392007.627
Orthometric Height: 91.028
Latitude: 30° 37' 42.42"
Longitude: -96° 05' 46.46"
Ellipsoid Height: 64.11

3.4.NVA.HP



Point ID: 3.4.NVA.HP
Easting: 780858.232
Northing: 3387151.995
Orthometric Height: 65.031
Latitude: 30° 35' 02.02"
Longitude: -96° 04' 17.17"
Ellipsoid Height: 38.008

3.5.NVA.HP



Point ID: 3.5.NVA.HP
Easting: 778733.558
Northing: 3379997.669
Orthometric Height: 65.592
Latitude: 30° 31' 12.12"
Longitude: -96° 05' 43.43"
Ellipsoid Height: 38.482

3.9.NVA.HP



Point ID: 3.9.NVA.HP
Easting: 785370.181
Northing: 3352833.257
Orthometric Height: 76.067
Latitude: 30° 16' 25.25"
Longitude: -96° 02' 01.01"
Ellipsoid Height: 48.627

5.11.NVA.HP



Point ID: 5.11.NVA.HP
Easting: 992153.17
Northing: 3480226.213
Orthometric Height: 95.149
Latitude: 31° 21' 08.08"
Longitude: -93° 49' 44.44"
Ellipsoid Height: 67.744

5.13.NVA.HP



Point ID: 5.13.NVA.HP
Easting: 990629.591
Northing: 3476629.284
Orthometric Height: 79.064
Latitude: 31° 19' 14.14"
Longitude: -93° 50' 48.48"
Ellipsoid Height: 51.586

5.14.NVA.HP



Point ID: 5.14.NVA.HP
Easting: 991341.957
Northing: 3472115.662
Orthometric Height: 96.979
Latitude: 31° 16' 47.47"
Longitude: -93° 50' 29.29"
Ellipsoid Height: 69.432

5.15.NVA.HP



Point ID: 5.15.NVA.HP
Easting: 992992.508
Northing: 3469892.067
Orthometric Height: 88.825
Latitude: 31° 15' 33.33"
Longitude: -93° 49' 31.31"
Ellipsoid Height: 61.251

5.2.NVA.HP



Point ID: 5.2.NVA.HP
Easting: 990430.893
Northing: 3493143.416
Orthometric Height: 140.017
Latitude: 31° 28' 09.09"
Longitude: -93° 50' 26.26"
Ellipsoid Height: 112.91

5.3.NVA.HP



Point ID: 5.3.NVA.HP
Easting: 990603.807
Northing: 3491526.156
Orthometric Height: 127.051
Latitude: 31° 27' 16.16"
Longitude: -93° 50' 22.22"
Ellipsoid Height: 99.903

5.51.NVA.HP



Point ID: 5.51.NVA.HP
Easting: 1004661.626
Northing: 3441129.117
Orthometric Height: 65.599
Latitude: 30° 59' 45.45"
Longitude: -93° 43' 03.03"
Ellipsoid Height: 38.072

5.83.NVA.HP



Point ID: 5.83.NVA.HP
Easting: 976830.679
Northing: 3537681.558
Orthometric Height: 76.503
Latitude: 31° 52' 30.30"
Longitude: -93° 57' 41.41"
Ellipsoid Height: 50.571

6.14.NVA.HP



Point ID: 6.14.NVA.HP
Easting: 1003757.076
Northing: 3426911.286
Orthometric Height: 75.837
Latitude: 30° 52' 06.06"
Longitude: -93° 44' 02.02"
Ellipsoid Height: 48.396

6.15.NVA.HP



Point ID: 6.15.NVA.HP
Easting: 1001372.412
Northing: 3424520.958
Orthometric Height: 55.203
Latitude: 30° 50' 52.52"
Longitude: -93° 45' 36.36"
Ellipsoid Height: 27.736

6.16.NVA.HP



Point ID: 6.16.NVA.HP
Easting: 1003228.396
Northing: 3421964.379
Orthometric Height: 60.491
Latitude: 30° 49' 27.27"
Longitude: -93° 44' 31.31"
Ellipsoid Height: 33.061

6.17.NVA.HP



Point ID: 6.17.NVA.HP
Easting: 1005475.79
Northing: 3421042.336
Orthometric Height: 49.545
Latitude: 30° 48' 54.54"
Longitude: -93° 43' 08.08"
Ellipsoid Height: 22.147

6.19.NVA.HP



Point ID: 6.19.NVA.HP
Easting: 1007839.462
Northing: 3417050.309
Orthometric Height: 42.149
Latitude: 30° 46' 41.41"
Longitude: -93° 41' 47.47"
Ellipsoid Height: 14.788

6.21.NVA.HP



Point ID: 6.21.NVA.HP
Easting: 1007677.707
Northing: 3412651.67
Orthometric Height: 33.796
Latitude: 30° 44' 19.19"
Longitude: -93° 42' 01.01"
Ellipsoid Height: 6.435

6.22.NVA.HP



Point ID: 6.22.NVA.HP
Easting: 1005403.36
Northing: 3411372.225
Orthometric Height: 35.178
Latitude: 30° 43' 41.41"
Longitude: -93° 43' 28.28"
Ellipsoid Height: 7.796

6.3.NVA.HP



Point ID: 6.3.NVA.HP
Easting: 1002908.91
Northing: 3452097.319
Orthometric Height: 135.816
Latitude: 31° 05' 42.42"
Longitude: -93° 43' 49.49"
Ellipsoid Height: 108.244

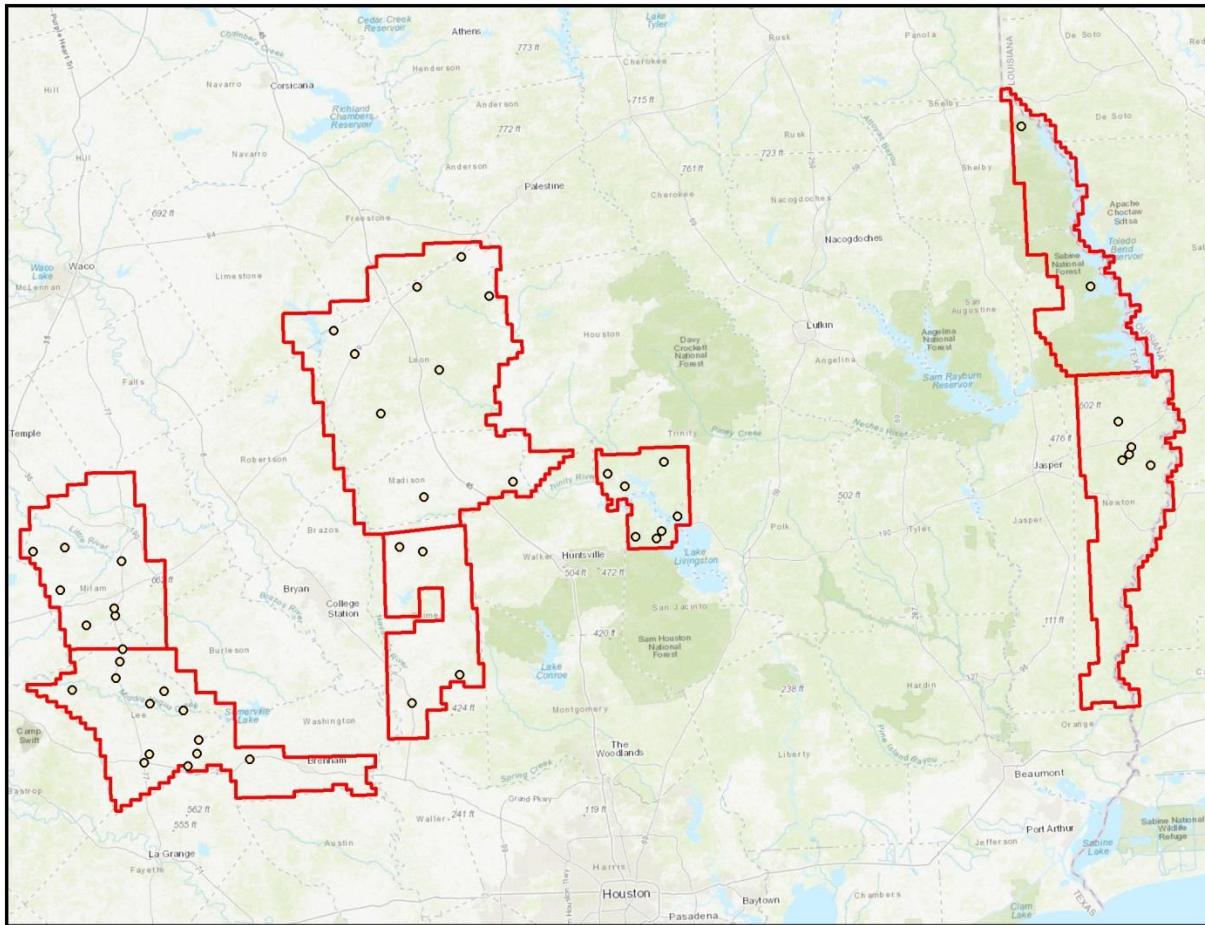
6.8.NVA.HP



Point ID: 6.8.NVA.HP
Easting: 1009139.152
Northing: 3441641.749
Orthometric Height: 57.494
Latitude: 30° 59' 54.54"
Longitude: -93° 40' 14.14"
Ellipsoid Height: 30.041

Non-Vegetated Vertical Accuracy Checkpoints Packed Sand

The Map shows the overall distribution of the Non-Vegetated Vertical Accuracy Checkpoint, Packed Sand throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Packed Sand Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.02.NVA.PS	845119.721	3431100.057	79.522
04.12.NVA.PS	862001.260	3413044.480	73.346
04.14.NVA.PS	866937.493	3417763.180	43.934
04.19.NVA.PS	850415.520	3427216.340	62.695
04.29.NVA.PS	862611.659	3434690.948	64.342
04.32.NVA.PS	853811.662	3411314.017	95.076
1.12.NVA.PS	673682.774	3394719.351	141.904
1.14.NVA.PS	665172.954	3406764.161	167.223
1.15.NVA.PS	675214.375	3407924.506	140.018
1.20.NVA.PS	692869.146	3403782.899	128.415
1.43.NVA.PS	691021.846	3386744.026	132.144
1.6.NVA.PS	690642.779	3388906.676	142.985
1.8.NVA.PS	681937.178	3383625.776	162.199
1A.16.NVA.PS	717077.143	3347758.717	96.542
1A.18.NVA.PS2	716552.486	3343437.545	102.670
1A.19.NVA.PS	713621.634	3339595.177	111.506
1A.21.NVA.PS	700022.624	3340763.243	150.608
1A.22.NVA.PS	701705.440	3343376.608	126.554
1A.26.NVA.PS	712355.681	3357082.605	88.827
1A.28.NVA.PS	706232.772	3363100.812	126.921
1A.29.NVA.PS	701858.985	3359080.072	99.010
1A.36.NVA.PS	691082.397	3367100.019	137.475
1A.40.NVA.PS	677539.832	3363446.782	145.327
1A.41.NVA.PS	692461.817	3372366.426	119.656
1A.42.NVA.PS	693203.386	3376122.832	139.696
1A.7.NVA.PS	732977.797	3341770.155	138.724
2.11.NVA.PS	799208.088	3498795.710	83.152
2.13.NVA.PS	807961.780	3486648.087	70.281
2.4.NVA.PS	765935.171	3468430.614	136.175
2.5.NVA.PS	759236.515	3475747.159	128.624
2.51.NVA.PS	792263.941	3463604.837	81.791
2.55.NVA.PS	773968.670	3449917.433	141.396
2.63.NVA.PS	815428.030	3428619.296	64.655
2.67.NVA.PS	787606.446	3423711.053	91.796
2.9.NVA.PS	785328.199	3489446.587	86.066
3.1.NVA.PS	779944.690	3408189.146	101.645
3.11.NVA.PS	798660.393	3368114.525	97.667
3.23.NVA.PS	787258.099	3406644.257	108.184

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
3.8.NVA.PS	783821.604	3359320.935	65.122
4.33.NVA.PS	860397.643	3410724.147	79.476
5.55.NVA.PS	1014965.485	3433702.266	92.549
5.6.NVA.PS	996097.717	3489653.270	63.133
5.85.NVA.PS	974480.400	3539676.360	62.412
6.10.NVA.PS	1008151.122	3437076.485	56.955
6.11.NVA.PS	1005998.967	3435237.006	90.739
6.5.NVA.PS	1004850.902	3447313.955	99.119
6.9.NVA.PS	1008933.231	3439311.515	55.308

04.02.NVA.PS



Point ID: 04.02.NVA.PS
Easting: 845119.721
Northing: 3431100.057
Orthometric Height: 79.522
Latitude: 30° 57' 47.47"
Longitude: -95° 23' 15.15"
Ellipsoid Height: 52.393

04.12.NVA.PS



Point ID: 04.12.NVA.PS
Easting: 862001.26
Northing: 3413044.48
Orthometric Height: 73.346
Latitude: 30° 47' 43.43"
Longitude: -95° 13' 03.03"
Ellipsoid Height: 46.159

04.14.NVA.PS



Point ID: 04.14.NVA.PS
Easting: 866937.493
Northing: 3417763.18
Orthometric Height: 43.934
Latitude: 30° 50' 11.11"
Longitude: -95° 09' 51.51"
Ellipsoid Height: 16.738

04.19.NVA.PS



Point ID: 04.19.NVA.PS
Easting: 850415.52
Northing: 3427216.34
Orthometric Height: 62.695
Latitude: 30° 55' 35.35"
Longitude: -95° 20' 00.00"
Ellipsoid Height: 35.531

04.29.NVA.PS



Point ID: 04.29.NVA.PS
Easting: 862611.659
Northing: 3434690.948
Orthometric Height: 64.342
Latitude: 30° 59' 24.24"
Longitude: -95° 12' 12.12"
Ellipsoid Height: 37.168

04.32.NVA.PS



Point ID: 04.32.NVA.PS
Easting: 853811.662
Northing: 3411314.017
Orthometric Height: 95.076
Latitude: 30° 46' 56.56"
Longitude: -95° 18' 12.12"
Ellipsoid Height: 67.906

1.12.NVA.PS



Point ID: 1.12.NVA.PS
Easting: 673682.774
Northing: 3394719.351
Orthometric Height: 141.904
Latitude: 30° 40' 21.21"
Longitude: -97° 11' 13.13"
Ellipsoid Height: 115.761

1.14.NVA.PS



Point ID: 1.14.NVA.PS
Easting: 665172.954
Northing: 3406764.161
Orthometric Height: 167.223
Latitude: 30° 46' 57.57"
Longitude: -97° 16' 26.26"
Ellipsoid Height: 140.86

1.15.NVA.PS



Point ID: 1.15.NVA.PS
Easting: 675214.375
Northing: 3407924.506
Orthometric Height: 140.018
Latitude: 30° 47' 29.29"
Longitude: -97° 10' 08.08"
Ellipsoid Height: 113.776

1.20.NVA.PS



Point ID: 1.20.NVA.PS
Easting: 692869.146
Northing: 3403782.899
Orthometric Height: 128.415
Latitude: 30° 45' 05.05"
Longitude: -96° 59' 06.06"
Ellipsoid Height: 102.379

1.43.NVA.PS



Point ID: 1.43.NVA.PS
Easting: 691021.846
Northing: 3386744.026
Orthometric Height: 132.144
Latitude: 30° 35' 53.53"
Longitude: -97° 00' 27.27"
Ellipsoid Height: 106.097

1.6.NVA.PS



Point ID: 1.6.NVA.PS
Easting: 690642.779
Northing: 3388906.676
Orthometric Height: 142.985
Latitude: 30° 37' 03.03"
Longitude: -97° 00' 40.40"
Ellipsoid Height: 116.947

1.8.NVA.PS



Point ID: 1.8.NVA.PS
Easting: 681937.178
Northing: 3383625.776
Orthometric Height: 162.199
Latitude: 30° 34' 17.17"
Longitude: -97° 06' 10.10"
Ellipsoid Height: 136.184

1A.16.NVA.PS



Point ID: 1A.16.NVA.PS
Easting: 717077.143
Northing: 3347758.717
Orthometric Height: 96.542
Latitude: 30° 14' 31.31"
Longitude: -96° 44' 39.39"
Ellipsoid Height: 69.738

1A.18.NVA.PS2



Point ID: 1A.18.NVA.PS2
Easting: 716552.486
Northing: 3343437.545
Orthometric Height: 102.67
Latitude: 30° 12' 11.11"
Longitude: -96° 45' 01.01"
Ellipsoid Height: 75.836

1A.19.NVA.PS



Point ID: 1A.19.NVA.PS
Easting: 713621.634
Northing: 3339595.177
Orthometric Height: 111.506
Latitude: 30° 10' 09.09"
Longitude: -96° 46' 54.54"
Ellipsoid Height: 84.692

1A.21.NVA.PS



Point ID: 1A.21.NVA.PS
Easting: 700022.624
Northing: 3340763.243
Orthometric Height: 150.608
Latitude: 30° 10' 55.55"
Longitude: -96° 55' 21.21"
Ellipsoid Height: 124.057

1A.22.NVA.PS



Point ID: 1A.22.NVA.PS
Easting: 701705.44
Northing: 3343376.608
Orthometric Height: 126.554
Latitude: 30° 12' 19.19"
Longitude: -96° 54' 16.16"
Ellipsoid Height: 99.991

1A.26.NVA.PS



Point ID: 1A.26.NVA.PS
Easting: 712355.681
Northing: 3357082.605
Orthometric Height: 88.827
Latitude: 30° 19' 37.37"
Longitude: -96° 47' 28.28"
Ellipsoid Height: 62.22

1A.28.NVA.PS



Point ID: 1A.28.NVA.PS
Easting: 706232.772
Northing: 3363100.812
Orthometric Height: 126.921
Latitude: 30° 22' 56.56"
Longitude: -96° 51' 13.13"
Ellipsoid Height: 100.49

1A.29.NVA.PS



Point ID: 1A.29.NVA.PS
Easting: 701858.985
Northing: 3359080.072
Orthometric Height: 99.01
Latitude: 30° 20' 48.48"
Longitude: -96° 54' 00.00"
Ellipsoid Height: 72.596

1A.36.NVA.PS



Point ID: 1A.36.NVA.PS
Easting: 691082.397
Northing: 3367100.019
Orthometric Height: 137.475
Latitude: 30° 25' 15.15"
Longitude: -97° 00' 38.38"
Ellipsoid Height: 111.311

1A.40.NVA.PS



Point ID: 1A.40.NVA.PS
Easting: 677539.832
Northing: 3363446.782
Orthometric Height: 145.327
Latitude: 30° 23' 24.24"
Longitude: -97° 09' 08.08"
Ellipsoid Height: 119.277

1A.41.NVA.PS



Point ID: 1A.41.NVA.PS
Easting: 692461.817
Northing: 3372366.426
Orthometric Height: 119.656
Latitude: 30° 28' 05.05"
Longitude: -96° 59' 43.43"
Ellipsoid Height: 93.518

1A.42.NVA.PS



Point ID: 1A.42.NVA.PS
Easting: 693203.386
Northing: 3376122.832
Orthometric Height: 139.696
Latitude: 30° 30' 07.07"
Longitude: -96° 59' 12.12"
Ellipsoid Height: 113.578

1A.7.NVA.PS



Point ID: 1A.7.NVA.PS
Easting: 732977.797
Northing: 3341770.155
Orthometric Height: 138.724
Latitude: 30° 11' 06.06"
Longitude: -96° 34' 49.49"
Ellipsoid Height: 111.661

2.11.NVA.PS



Point ID: 2.11.NVA.PS
Easting: 799208.088
Northing: 3498795.71
Orthometric Height: 83.152
Latitude: 31° 35' 07.07"
Longitude: -95° 50' 50.50"
Ellipsoid Height: 56.903

2.13.NVA.PS



Point ID: 2.13.NVA.PS
Easting: 807961.78
Northing: 3486648.087
Orthometric Height: 70.281
Latitude: 31° 28' 25.25"
Longitude: -95° 45' 32.32"
Ellipsoid Height: 43.734

2.4.NVA.PS



Point ID: 2.4.NVA.PS
Easting: 765935.171
Northing: 3468430.614
Orthometric Height: 136.175
Latitude: 31° 19' 12.12"
Longitude: -96° 12' 20.20"
Ellipsoid Height: 110.248

2.5.NVA.PS



Point ID: 2.5.NVA.PS
Easting: 759236.515
Northing: 3475747.159
Orthometric Height: 128.624
Latitude: 31° 23' 15.15"
Longitude: -96° 16' 26.26"
Ellipsoid Height: 102.922

2.51.NVA.PS



Point ID: 2.51.NVA.PS
Easting: 792263.941
Northing: 3463604.837
Orthometric Height: 81.791
Latitude: 31° 16' 12.12"
Longitude: -95° 55' 50.50"
Ellipsoid Height: 55.289

2.55.NVA.PS



Point ID: 2.55.NVA.PS
Easting: 773968.67
Northing: 3449917.433
Orthometric Height: 141.396
Latitude: 31° 09' 04.04"
Longitude: -96° 07' 34.34"
Ellipsoid Height: 115.137

2.63.NVA.PS



Point ID: 2.63.NVA.PS
Easting: 815428.03
Northing: 3428619.296
Orthometric Height: 64.655
Latitude: 30° 56' 56.56"
Longitude: -95° 41' 55.55"
Ellipsoid Height: 37.71

2.67.NVA.PS



Point ID: 2.67.NVA.PS
Easting: 787606.446
Northing: 3423711.053
Orthometric Height: 91.796
Latitude: 30° 54' 43.43"
Longitude: -95° 59' 27.27"
Ellipsoid Height: 65.094

2.9.NVA.PS



Point ID: 2.9.NVA.PS
Easting: 785328.199
Northing: 3489446.587
Orthometric Height: 86.066
Latitude: 31° 30' 17.17"
Longitude: -95° 59' 45.45"
Ellipsoid Height: 59.967

3.1.NVA.PS



Point ID: 3.1.NVA.PS
Easting: 779944.69
Northing: 3408189.146
Orthometric Height: 101.645
Latitude: 30° 46' 26.26"
Longitude: -96° 04' 30.30"
Ellipsoid Height: 74.92

3.11.NVA.PS



Point ID: 3.11.NVA.PS
Easting: 798660.393
Northing: 3368114.525
Orthometric Height: 97.667
Latitude: 30° 24' 29.29"
Longitude: -95° 53' 29.29"
Ellipsoid Height: 70.308

3.23.NVA.PS



Point ID: 3.23.NVA.PS
Easting: 787258.099
Northing: 3406644.257
Orthometric Height: 108.184
Latitude: 30° 45' 29.29"
Longitude: -95° 59' 57.57"
Ellipsoid Height: 81.351

3.8.NVA.PS



Point ID: 3.8.NVA.PS
Easting: 783821.604
Northing: 3359320.935
Orthometric Height: 65.122
Latitude: 30° 19' 57.57"
Longitude: -96° 02' 53.53"
Ellipsoid Height: 37.74

4.33.NVA.PS



Point ID: 4.33.NVA.PS
Easting: 860397.643
Northing: 3410724.147
Orthometric Height: 79.476
Latitude: 30° 46' 30.30"
Longitude: -95° 14' 06.06"
Ellipsoid Height: 52.292

5.55.NVA.PS



Point ID: 5.55.NVA.PS
Easting: 1014965.485
Northing: 3433702.266
Orthometric Height: 92.549
Latitude: 30° 55' 28.28"
Longitude: -93° 36' 50.50"
Ellipsoid Height: 65.245

5.6.NVA.PS



Point ID: 5.6.NVA.PS
Easting: 996097.717
Northing: 3489653.27
Orthometric Height: 63.133
Latitude: 31° 26' 07.07"
Longitude: -93° 46' 58.58"
Ellipsoid Height: 35.938

5.85.NVA.PS



Point ID: 5.85.NVA.PS
Easting: 974480.4
Northing: 3539676.36
Orthometric Height: 62.412
Latitude: 31° 53' 38.38"
Longitude: -93° 59' 07.07"
Ellipsoid Height: 36.49

6.10.NVA.PS



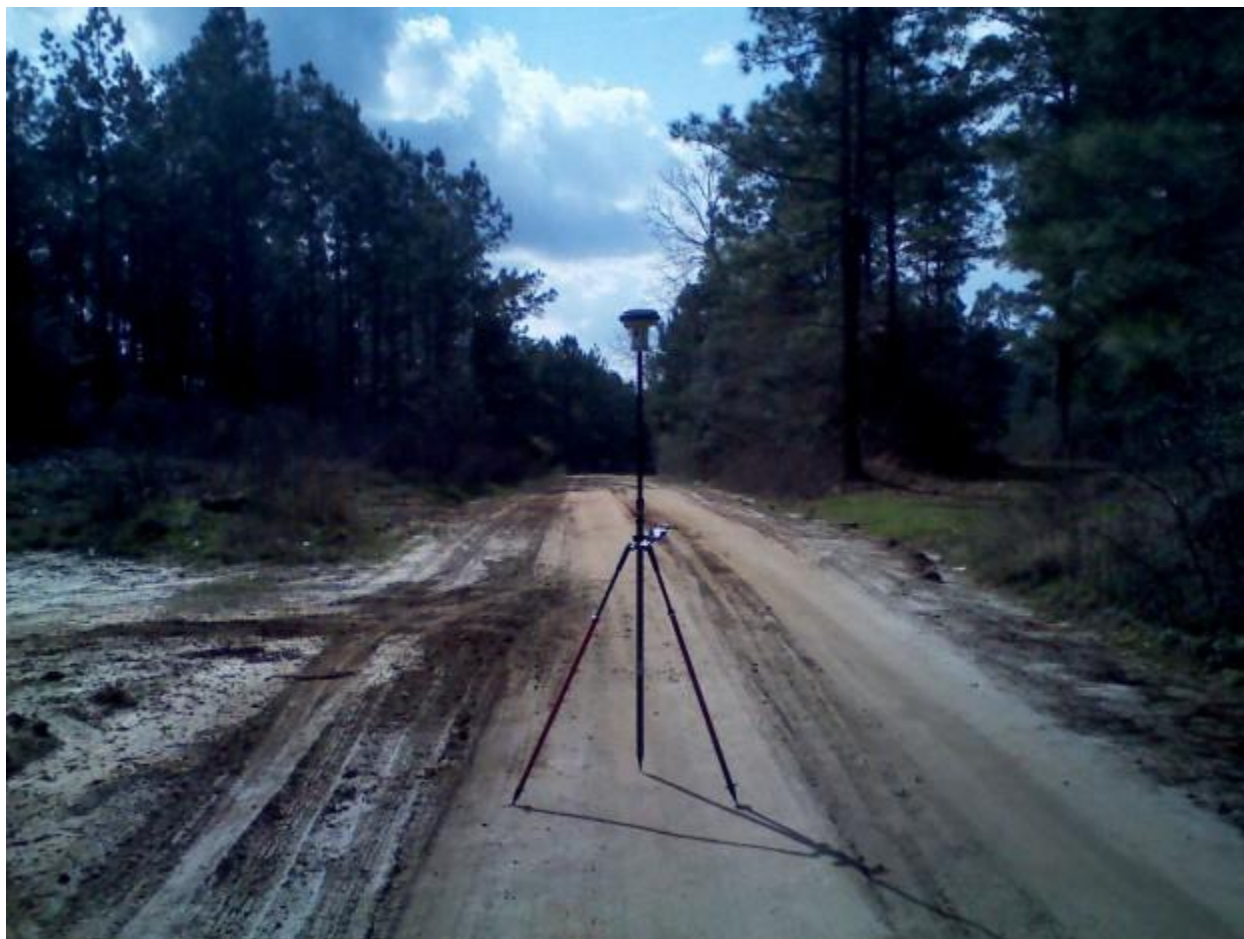
Point ID: 6.10.NVA.PS
Easting: 1008151.122
Northing: 3437076.485
Orthometric Height: 56.955
Latitude: 30° 57' 28.28"
Longitude: -93° 40' 59.59"
Ellipsoid Height: 29.519

6.11.NVA.PS



Point ID: 6.11.NVA.PS
Easting: 1005998.967
Northing: 3435237.006
Orthometric Height: 90.739
Latitude: 30° 56' 32.32"
Longitude: -93° 42' 23.23"
Ellipsoid Height: 63.281

6.5.NVA.PS



Point ID: 6.5.NVA.PS
Easting: 1004850.902
Northing: 3447313.955
Orthometric Height: 99.119
Latitude: 31° 03' 04.04"
Longitude: -93° 42' 45.45"
Ellipsoid Height: 71.574

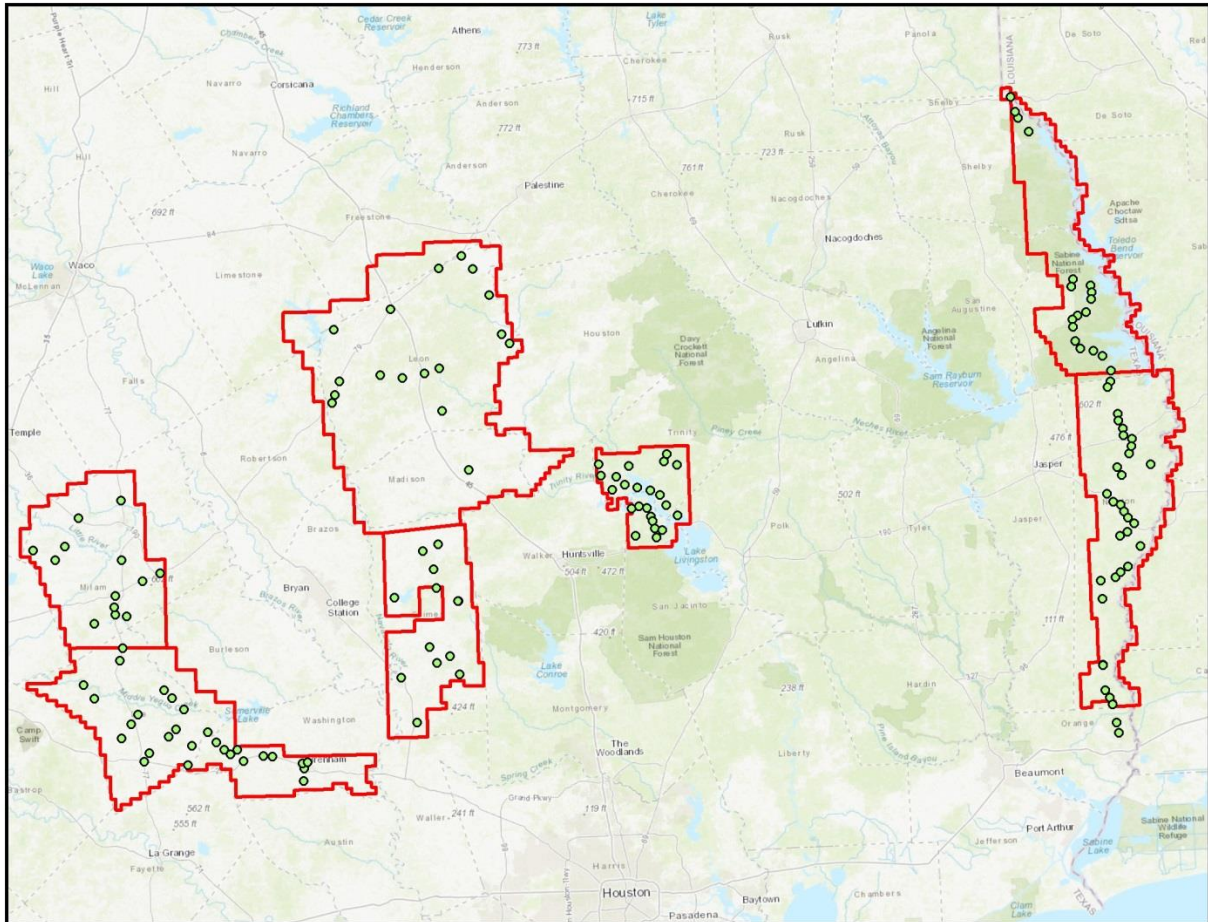
6.9.NVA.PS



Point ID: 6.9.NVA.PS
Easting: 1008933.231
Northing: 3439311.515
Orthometric Height: 55.308
Latitude: 30° 58' 39.39"
Longitude: -93° 40' 26.26"
Ellipsoid Height: 27.868

Vegetated Vertical Accuracy Checkpoints High Vegetation

The Map shows the overall distribution of the Vegetated Vertical Accuracy Checkpoint, High Vegetation throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



High Vegetation Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.01.VVA.HV	842284.578	3433704.474	80.825
04.04.VVA.HV	842993.481	3430117.136	71.449
04.05.VVA.HV	846427.131	3425692.661	57.945
04.06.VVA.HV	852598.416	3419893.869	53.041
04.07.VVA.HV	854834.158	3420652.348	54.025
04.08.VVA.HV	857333.484	3420028.565	54.081
04.09.VVA.HV	858574.276	3417357.337	47.125
04.10.VVA.HV	859086.314	3415873.070	60.772
04.11.VVA.HV	859774.711	3413617.917	52.097
04.12.VVA.HV	862023.663	3413079.215	72.147
04.14.VVA.HV	866886.123	3417734.192	43.306
04.15.VVA.HV	863353.131	3420975.952	55.881
04.16.VVA.HV	861368.963	3424055.576	48.939
04.17.VVA.HV	858407.990	3425597.290	47.197
04.18.VVA.HV	854364.983	3426395.277	66.113
04.19.VVA.HV	850441.459	3427232.441	63.348
04.20.VVA.HV	847711.299	3429732.775	62.562
04.21.VVA.HV	851578.447	3433155.085	60.547
04.27.VVA.HV	866795.947	3433492.266	69.513
04.28.VVA.HV	863545.161	3436836.382	78.508
04.29.VVA.HV	862612.783	3434678.197	64.106
04.32.VVA.HV	853786.124	3411317.597	94.319
06.23.VVA.HV	1002190.635	3360773.261	10.287
06.24.VVA.HV	1003144.584	3358616.285	9.025
06.26.VVA.HV	1004379.756	3352950.627	6.253
06.27.VVA.HV	1005064.203	3349665.853	5.085
06.29.VVA.HV	1000773.549	3362964.495	8.641
06.30.VVA.HV	1000120.696	3370957.141	11.759
06.30.VVA.HV2	1000120.976	3370934.637	11.436
06.36.VVA.HV	999945.857	3391637.076	18.047
06.37.VVA.HV	999259.466	3397354.816	19.967
06.39.VVA.HV	1003942.659	3398396.632	17.407
06.40.VVA.HV	1005537.611	3399906.609	17.803
06.41.VVA.HV	1007766.490	3401691.908	17.965
06.43.VVA.HV	1011750.555	3408149.398	21.258
1.1.VVA.HV	690978.643	3392497.512	139.771
1.13.VVA.HV	672136.144	3403681.017	158.976
1.14.VVA.HV	665197.819	3406726.235	166.758

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
1.15.VVA.HV	675256.561	3407972.637	135.559
1.16.VVA.HV	679482.074	3416888.784	158.571
1.19.VVA.HV	692739.136	3422375.611	110.536
1.2.VVA.HV	704999.423	3399703.127	151.053
1.20.VVA.HV	692889.329	3403771.232	128.544
1.3.VVA.HV	699469.678	3397213.986	130.764
1.4.VVA.HV	694509.239	3386214.345	137.466
1.43.VVA.HV	691012.935	3386732.403	131.165
1.6.VVA.HV	690611.388	3388934.583	144.786
1.7.VVA.HV	684460.641	3383764.591	146.101
1A.11.VVA.HV	749831.191	3334615.457	110.255
1A.13.VVA.HV	726955.925	3342970.082	152.534
1A.14.VVA.HV	724986.014	3344400.085	112.086
1A.14.VVA.HV.2	722634.849	3346759.649	103.538
1A.15.VVA.HV	719896.964	3349937.246	93.352
1A.17.VVA.HV	714885.216	3345606.451	102.517
1A.19.VVA.HV	713615.912	3339580.271	112.209
1A.2.VVA.HV	750171.014	3338632.793	105.184
1A.21.VVA.HV	700055.073	3340738.869	150.136
1A.22.VVA.HV	701690.649	3343404.585	126.943
1A.24.VVA.HV	707644.144	3348552.208	115.783
1A.25.VVA.HV	710037.225	3350789.361	118.560
1A.26.VVA.HV	712364.416	3357084.284	88.800
1A.27.VVA.HV	708661.816	3360645.907	114.181
1A.28.VVA.HV	706246.238	3363094.276	127.057
1A.3.VVA.HV	749478.793	3340205.557	90.086
1A.30.VVA.HV	698056.839	3355498.316	136.106
1A.31.VVA.HV	695874.534	3352448.607	110.521
1A.32.VVA.HV	692990.337	3348015.941	130.275
1A.35.VVA.HV	684462.250	3360386.253	126.172
1A.39.VVA.HV	680999.884	3364706.703	134.933
1A.41.VVA.HV	692471.411	3372359.935	119.377
1A.42.VVA.HV	693197.576	3376128.522	139.635
1A.5.VVA.HV	740180.709	3342359.434	110.424
1A.6.VVA.HV	737297.291	3342544.464	117.405
1A.8.VVA.HV	731023.299	3340832.948	135.569
1A.9.VVA.HV	729079.460	3344465.305	135.502
1A.VVA.HV	751207.803	3340481.225	93.716
2.1.VVA.HV	758782.758	3452899.458	105.084
2.10.VVA.HV	792097.787	3494939.639	104.542

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
2.11.VVA.HV	799254.846	3498804.952	81.973
2.12.VVA.HV	802739.073	3494826.644	91.573
2.13.VVA.HV	807975.288	3486652.665	69.948
2.15.VVA.HV	811894.991	3474381.602	81.759
2.16.VVA.HV	814267.457	3471558.931	59.110
2.2.VVA.HV	759757.001	3455388.568	119.903
2.3.VVA.HV	761174.431	3459558.126	122.806
2.5.VVA.HV	759238.022	3475727.561	127.941
2.51.VVA.HV	792258.626	3463620.609	80.966
2.52.VVA.HV	787752.289	3462170.688	108.134
2.53.VVA.HV	780816.777	3460660.473	150.251
2.54.VVA.HV	773940.083	3461534.240	160.481
2.58.VVA.HV	793287.823	3450323.716	93.935
2.65.VVA.HV	801614.836	3431936.032	83.633
2.7.VVA.HV	777124.173	3482152.830	119.668
3.11.VVA.HV	798667.797	3368105.560	97.954
3.12.VVA.HV	795646.942	3373706.797	111.812
3.13.VVA.HV	789267.385	3376628.233	106.515
3.14.VVA.HV	791671.307	3371588.689	118.547
3.17.VVA.HV	798310.038	3390889.860	106.914
3.17.VVA.HVHV	798279.793	3390917.375	107.169
3.19.VVA.HV	792068.440	3408673.617	102.112
3.20.VVA.HV	790517.893	3400940.800	100.877
3.21.VVA.HV	791403.616	3395036.210	102.029
3.23.VVA.HV	787266.883	3406617.605	107.703
3.3.VVA.HV	778321.760	3392037.000	90.615
3.7.VVA.HV	780383.816	3366879.031	70.552
3.9.VVA.HV	785371.369	3352858.836	76.708
4.33.VVA.HV	860408.213	3410716.469	79.775
5.10.VVA.HV	994690.115	3481207.202	84.789
5.11.VVA.HV	992126.441	3480281.587	92.532
5.12.VVA.HV	990364.225	3479046.544	87.781
5.13.VVA.HV	990652.214	3476626.460	79.068
5.14.VVA.HV	991331.372	3472139.148	96.336
5.15.VVA.HV	993001.071	3469899.413	88.632
5.16.VVA.HV	996996.187	3469235.263	72.408
5.17.VVA.HV	999829.644	3467557.458	58.786
5.17.VVA.HV2	999829.643	3467557.466	58.821
5.18.VVA.HV	1002451.960	3462995.448	81.687
5.19.VVA.HV	973476.761	3542054.123	67.871

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
5.29.VVA.HV	972462.242	3544026.593	77.383
5.3.VVA.HV	990627.829	3491534.595	125.291
5.30.VVA.HV	971076.567	3548495.785	60.365
5.4.VVA.HV	990108.896	3489208.919	101.819
5.55.VVA.HV	1015014.303	3433689.992	91.958
5.6.VVA.HV	996056.567	3489641.538	63.688
5.7.VVA.HV	996420.187	3487493.405	54.176
5.8.VVA.HV	996364.383	3485364.723	72.057
5.83.VVA.HV	976809.693	3537675.555	75.845
6.01.VVA.HV	1002330.710	3459654.330	124.364
6.02.VVA.HV	1001478.929	3457805.339	117.958
6.10.VVA.HV	1008134.864	3437020.908	57.291
6.10.VVA.HW2	1008133.428	3437020.430	57.269
6.12.VVA.HV	1004481.025	3432893.001	104.311
6.13.VVA.HV	1005929.216	3430413.263	92.288
6.15.VVA.HV	1001358.448	3424516.160	55.694
6.16.VVA.HV	1003235.843	3421984.870	60.029
6.17.VVA.HV	1005509.766	3421022.164	50.827
6.18.VVA.HV	1006636.107	3418882.114	45.140
6.19.VVA.HV	1007833.151	3417038.477	41.811
6.20.VVA.HV	1009812.878	3415303.915	30.773
6.21.VVA.HV	1007685.627	3412628.043	32.911
6.22.VVA.HV	1005404.439	3411362.360	34.806
6.4.VVA.HV	1004625.733	3449590.562	117.565
6.5.VVA.HV	1004885.222	3447327.101	99.244
6.6.VVA.HV	1006222.096	3444889.468	69.444
6.7.VVA.HV	1006418.816	3442824.228	59.619
6.7.VVA.HV2	1006418.818	3442824.241	59.597
6.8.VVA.HV	1009153.083	3441648.963	57.624
6.9.VVA.HV	1008946.198	3439306.548	55.180

04.01.VVA.HV



Point ID: 04.01.VVA.HV
Easting: 842284.578
Northing: 3433704.474
Orthometric Height: 80.825
Latitude: 30° 59' 14.14"
Longitude: -95° 24' 58.58"
Ellipsoid Height: 53.728

04.04.VVA.HV



Point ID: 04.04.VVA.HV
Easting: 842993.481
Northing: 3430117.136
Orthometric Height: 71.449
Latitude: 30° 57' 17.17"
Longitude: -95° 24' 36.36"
Ellipsoid Height: 44.326

04.05.VVA.HV



Point ID: 04.05.VVA.HV
Easting: 846427.131
Northing: 3425692.661
Orthometric Height: 57.945
Latitude: 30° 54' 50.50"
Longitude: -95° 22' 32.32"
Ellipsoid Height: 30.787

04.06.VVA.HV



Point ID: 04.06.VVA.HV
Easting: 852598.416
Northing: 3419893.869
Orthometric Height: 53.041
Latitude: 30° 51' 35.35"
Longitude: -95° 18' 47.47"
Ellipsoid Height: 25.863

04.07.VVA.HV



Point ID: 04.07.VVA.HV
Easting: 854834.158
Northing: 3420652.348
Orthometric Height: 54.025
Latitude: 30° 51' 58.58"
Longitude: -95° 17' 22.22"
Ellipsoid Height: 26.847

04.08.VVA.HV



Point ID: 04.08.VVA.HV
Easting: 857333.484
Northing: 3420028.565
Orthometric Height: 54.081
Latitude: 30° 51' 35.35"
Longitude: -95° 15' 49.49"
Ellipsoid Height: 26.901

04.09.VVA.HV



Point ID: 04.09.VVA.HV
Easting: 858574.276
Northing: 3417357.337
Orthometric Height: 47.125
Latitude: 30° 50' 07.07"
Longitude: -95° 15' 06.06"
Ellipsoid Height: 19.944

04.10.VVA.HV



Point ID: 04.10.VVA.HV
Easting: 859086.314
Northing: 3415873.07
Orthometric Height: 60.772
Latitude: 30° 49' 18.18"
Longitude: -95° 14' 49.49"
Ellipsoid Height: 33.591

04.11.VVA.HV



Point ID: 04.11.VVA.HV
Easting: 859774.711
Northing: 3413617.917
Orthometric Height: 52.097
Latitude: 30° 48' 04.04"
Longitude: -95° 14' 26.26"
Ellipsoid Height: 24.915

04.12.VVA.HV



Point ID: 04.12.VVA.HV
Easting: 862023.663
Northing: 3413079.215
Orthometric Height: 72.147
Latitude: 30° 47' 44.44"
Longitude: -95° 13' 02.02"
Ellipsoid Height: 44.96

04.14.VVA.HV



Point ID: 04.14.VVA.HV
Easting: 866886.123
Northing: 3417734.192
Orthometric Height: 43.306
Latitude: 30° 50' 10.10"
Longitude: -95° 09' 53.53"
Ellipsoid Height: 16.11

04.15.VVA.HV



Point ID: 04.15.VVA.HV
Easting: 863353.131
Northing: 3420975.952
Orthometric Height: 55.881
Latitude: 30° 51' 59.59"
Longitude: -95° 12' 02.02"
Ellipsoid Height: 28.697

04.16.VVA.HV



Point ID: 04.16.VVA.HV
Easting: 861368.963
Northing: 3424055.576
Orthometric Height: 48.939
Latitude: 30° 53' 41.41"
Longitude: -95° 13' 13.13"
Ellipsoid Height: 21.756

04.17.VVA.HV



Point ID: 04.17.VVA.HV
Easting: 858407.99
Northing: 3425597.29
Orthometric Height: 47.197
Latitude: 30° 54' 34.34"
Longitude: -95° 15' 02.02"
Ellipsoid Height: 20.014

04.18.VVA.HV



Point ID: 04.18.VVA.HV
Easting: 854364.983
Northing: 3426395.277
Orthometric Height: 66.113
Latitude: 30° 55' 04.04"
Longitude: -95° 17' 33.33"
Ellipsoid Height: 38.938

04.19.VVA.HV



Point ID: 04.19.VVA.HV
Easting: 850441.459
Northing: 3427232.441
Orthometric Height: 63.348
Latitude: 30° 55' 36.36"
Longitude: -95° 19' 59.59"
Ellipsoid Height: 36.184

04.20.VVA.HV



Point ID: 04.20.VVA.HV
Easting: 847711.299
Northing: 3429732.775
Orthometric Height: 62.562
Latitude: 30° 57' 00.00"
Longitude: -95° 21' 39.39"
Ellipsoid Height: 35.414

04.21.VVA.HV



Point ID: 04.21.VVA.HV
Easting: 851578.447
Northing: 3433155.085
Orthometric Height: 60.547
Latitude: 30° 58' 46.46"
Longitude: -95° 19' 09.09"
Ellipsoid Height: 33.395

04.27.VVA.HV



Point ID: 04.27.VVA.HV
Easting: 866795.947
Northing: 3433492.266
Orthometric Height: 69.513
Latitude: 30° 58' 41.41"
Longitude: -95° 09' 36.36"
Ellipsoid Height: 42.331

04.28.VVA.HV



Point ID: 04.28.VVA.HV
Easting: 863545.161
Northing: 3436836.382
Orthometric Height: 78.508
Latitude: 31° 00' 33.33"
Longitude: -95° 11' 34.34"
Ellipsoid Height: 51.339

04.29.VVA.HV



Point ID: 04.29.VVA.HV
Easting: 862612.783
Northing: 3434678.197
Orthometric Height: 64.106
Latitude: 30° 59' 24.24"
Longitude: -95° 12' 12.12"
Ellipsoid Height: 36.932

04.32.VVA.HV



Point ID: 04.32.VVA.HV
Easting: 853786.124
Northing: 3411317.597
Orthometric Height: 94.319
Latitude: 30° 46' 56.56"
Longitude: -95° 18' 13.13"
Ellipsoid Height: 67.149

06.23.VVA.HV



Point ID: 06.23.VVA.HV
Easting: 1002190.635
Northing: 3360773.261
Orthometric Height: 10.287
Latitude: 30° 16' 29.29"
Longitude: -93° 46' 56.56"
Ellipsoid Height: -17.114

06.24.VVA.HV



Point ID: 06.24.VVA.HV
Easting: 1003144.584
Northing: 3358616.285
Orthometric Height: 9.025
Latitude: 30° 15' 18.18"
Longitude: -93° 46' 24.24"
Ellipsoid Height: -18.364

06.26.VVA.HV



Point ID: 06.26.VVA.HV
Easting: 1004379.756
Northing: 3352950.627
Orthometric Height: 6.253
Latitude: 30° 12' 13.13"
Longitude: -93° 45' 48.48"
Ellipsoid Height: -21.098

06.27.VVA.HV



Point ID: 06.27.VVA.HV
Easting: 1005064.203
Northing: 3349665.853
Orthometric Height: 5.085
Latitude: 30° 10' 25.25"
Longitude: -93° 45' 28.28"
Ellipsoid Height: -22.241

06.29.VVA.HV



Point ID: 06.29.VVA.HV
Easting: 1000773.549
Northing: 3362964.495
Orthometric Height: 8.641
Latitude: 30° 17' 42.42"
Longitude: -93° 47' 45.45"
Ellipsoid Height: -18.772

06.30.VVA.HV2



Point ID: 06.30.VVA.HV2
Easting: 1000120.976
Northing: 3370934.637
Orthometric Height: 11.436
Latitude: 30° 22' 01.01"
Longitude: -93° 47' 56.56"
Ellipsoid Height: -15.993

06.36.VVA.HV



Point ID: 06.36.VVA.HV
Easting: 999945.857
Northing: 3391637.076
Orthometric Height: 18.047
Latitude: 30° 33' 11.11"
Longitude: -93° 47' 27.27"
Ellipsoid Height: -9.365

06.37.VVA.HV



Point ID: 06.37.VVA.HV
Easting: 999259.466
Northing: 3397354.816
Orthometric Height: 19.967
Latitude: 30° 36' 17.17"
Longitude: -93° 47' 42.42"
Ellipsoid Height: -7.45

06.39.VVA.HV



Point ID: 06.39.VVA.HV
Easting: 1003942.659
Northing: 3398396.632
Orthometric Height: 17.407
Latitude: 30° 36' 43.43"
Longitude: -93° 44' 45.45"
Ellipsoid Height: -9.982

06.40.VVA.HV



Point ID: 06.40.VVA.HV
Easting: 1005537.611
Northing: 3399906.609
Orthometric Height: 17.803
Latitude: 30° 37' 30.30"
Longitude: -93° 43' 43.43"
Ellipsoid Height: -9.575

06.41.VVA.HV



Point ID: 06.41.VVA.HV
Easting: 1007766.49
Northing: 3401691.908
Orthometric Height: 17.965
Latitude: 30° 38' 24.24"
Longitude: -93° 42' 17.17"
Ellipsoid Height: -9.397

06.43.VVA.HV



Point ID: 06.43.VVA.HV
Easting: 1011750.555
Northing: 3408149.398
Orthometric Height: 21.258
Latitude: 30° 41' 47.47"
Longitude: -93° 39' 36.36"
Ellipsoid Height: -6.066

1.1.VVA.HV



Point ID: 1.1.VVA.HV
Easting: 690978.643
Northing: 3392497.512
Orthometric Height: 139.771
Latitude: 30° 39' 00.00"
Longitude: -97° 00' 25.25"
Ellipsoid Height: 113.74

1.13.VVA.HV



Point ID: 1.13.VVA.HV
Easting: 672136.144
Northing: 3403681.017
Orthometric Height: 158.976
Latitude: 30° 45' 13.13"
Longitude: -97° 12' 06.06"
Ellipsoid Height: 132.743

1.14.VVA.HV



Point ID: 1.14.VVA.HV
Easting: 665197.819
Northing: 3406726.235
Orthometric Height: 166.758
Latitude: 30° 46' 56.56"
Longitude: -97° 16' 25.25"
Ellipsoid Height: 140.396

1.15.VVA.HV



Point ID: 1.15.VVA.HV
Easting: 675256.561
Northing: 3407972.637
Orthometric Height: 135.559
Latitude: 30° 47' 31.31"
Longitude: -97° 10' 06.06"
Ellipsoid Height: 109.317

1.16.VVA.HV



Point ID: 1.16.VVA.HV
Easting: 679482.074
Northing: 3416888.784
Orthometric Height: 158.571
Latitude: 30° 52' 18.18"
Longitude: -97° 07' 21.21"
Ellipsoid Height: 132.322

1.19.VVA.HV



Point ID: 1.19.VVA.HV
Easting: 692739.136
Northing: 3422375.611
Orthometric Height: 110.536
Latitude: 30° 55' 09.09"
Longitude: -96° 58' 59.59"
Ellipsoid Height: 84.499

1.2.VVA.HV



Point ID: 1.2.VVA.HV
Easting: 704999.423
Northing: 3399703.127
Orthometric Height: 151.053
Latitude: 30° 42' 45.45"
Longitude: -96° 51' 33.33"
Ellipsoid Height: 124.985

1.20.VVA.HV



Point ID: 1.20.VVA.HV
Easting: 692889.329
Northing: 3403771.232
Orthometric Height: 128.544
Latitude: 30° 45' 05.05"
Longitude: -96° 59' 06.06"
Ellipsoid Height: 102.509

1.3.VVA.HV



Point ID: 1.3.VVA.HV
Easting: 699469.678
Northing: 3397213.986
Orthometric Height: 130.764
Latitude: 30° 41' 28.28"
Longitude: -96° 55' 03.03"
Ellipsoid Height: 104.719

1.4.VVA.HV



Point ID: 1.4.VVA.HV
Easting: 694509.239
Northing: 3386214.345
Orthometric Height: 137.466
Latitude: 30° 35' 34.34"
Longitude: -96° 58' 17.17"
Ellipsoid Height: 111.396

1.43.VVA.HV



Point ID: 1.43.VVA.HV
Easting: 691012.935
Northing: 3386732.403
Orthometric Height: 131.165
Latitude: 30° 35' 52.52"
Longitude: -97° 00' 28.28"
Ellipsoid Height: 105.118

1.6.VVA.HV



Point ID: 1.6.VVA.HV
Easting: 690611.388
Northing: 3388934.583
Orthometric Height: 144.786
Latitude: 30° 37' 04.04"
Longitude: -97° 00' 41.41"
Ellipsoid Height: 118.749

1.7.VVA.HV



Point ID: 1.7.VVA.HV
Easting: 684460.641
Northing: 3383764.591
Orthometric Height: 146.101
Latitude: 30° 34' 20.20"
Longitude: -97° 04' 35.35"
Ellipsoid Height: 120.08

1A.11.VVA.HV



Point ID: 1A.11.VVA.HV
Easting: 749831.191
Northing: 3334615.457
Orthometric Height: 110.255
Latitude: 30° 07' 02.02"
Longitude: -96° 24' 25.25"
Ellipsoid Height: 82.971

1A.13.VVA.HV



Point ID: 1A.13.VVA.HV
Easting: 726955.925
Northing: 3342970.082
Orthometric Height: 152.534
Latitude: 30° 11' 49.49"
Longitude: -96° 38' 33.33"
Ellipsoid Height: 125.557

1A.14.VVA.HV



Point ID: 1A.14.VVA.HV
Easting: 724986.014
Northing: 3344400.085
Orthometric Height: 112.086
Latitude: 30° 12' 37.37"
Longitude: -96° 39' 46.46"
Ellipsoid Height: 85.14

1A.14.VVA.HV.2



Point ID: 1A.14.VVA.HV.2
Easting: 722634.849
Northing: 3346759.649
Orthometric Height: 103.538
Latitude: 30° 13' 55.55"
Longitude: -96° 41' 12.12"
Ellipsoid Height: 76.64

1A.15.VVA.HV



Point ID: 1A.15.VVA.HV
Easting: 719896.964
Northing: 3349937.246
Orthometric Height: 93.352
Latitude: 30° 15' 40.40"
Longitude: -96° 42' 52.52"
Ellipsoid Height: 66.527

1A.17.VVA.HV



Point ID: 1A.17.VVA.HV
Easting: 714885.216
Northing: 3345606.451
Orthometric Height: 102.517
Latitude: 30° 13' 23.23"
Longitude: -96° 46' 02.02"
Ellipsoid Height: 75.73

1A.19.VVA.HV



Point ID: 1A.19.VVA.HV
Easting: 713615.912
Northing: 3339580.271
Orthometric Height: 112.209
Latitude: 30° 10' 08.08"
Longitude: -96° 46' 54.54"
Ellipsoid Height: 85.395

1A.2.VVA.HV



Point ID: 1A.2.VVA.HV
Easting: 750171.014
Northing: 3338632.793
Orthometric Height: 105.184
Latitude: 30° 09' 12.12"
Longitude: -96° 24' 09.09"
Ellipsoid Height: 77.914

1A.21.VVA.HV



Point ID: 1A.21.VVA.HV
Easting: 700055.073
Northing: 3340738.869
Orthometric Height: 150.136
Latitude: 30° 10' 54.54"
Longitude: -96° 55' 20.20"
Ellipsoid Height: 123.584

1A.22.VVA.HV



Point ID: 1A.22.VVA.HV
Easting: 701690.649
Northing: 3343404.585
Orthometric Height: 126.943
Latitude: 30° 12' 20.20"
Longitude: -96° 54' 17.17"
Ellipsoid Height: 100.38

1A.24.VVA.HV



Point ID: 1A.24.VVA.HV
Easting: 707644.144
Northing: 3348552.208
Orthometric Height: 115.783
Latitude: 30° 15' 03.03"
Longitude: -96° 50' 31.31"
Ellipsoid Height: 89.159

1A.25.VVA.HV



Point ID: 1A.25.VVA.HV
Easting: 710037.225
Northing: 3350789.361
Orthometric Height: 118.56
Latitude: 30° 16' 14.14"
Longitude: -96° 49' 00.00"
Ellipsoid Height: 91.917

1A.26.VVA.HV



Point ID: 1A.26.VVA.HV

Easting: 712364.416

Northing: 3357084.284

Orthometric Height: 88.8

Latitude: 30° 19' 37.37"

Longitude: -96° 47' 28.28"

Ellipsoid Height: 62.192

1A.27.VVA.HV



Point ID: 1A.27.VVA.HV
Easting: 708661.816
Northing: 3360645.907
Orthometric Height: 114.181
Latitude: 30° 21' 35.35"
Longitude: -96° 49' 44.44"
Ellipsoid Height: 87.681

1A.28.VVA.HV



Point ID: 1A.28.VVA.HV
Easting: 706246.238
Northing: 3363094.276
Orthometric Height: 127.057
Latitude: 30° 22' 56.56"
Longitude: -96° 51' 13.13"
Ellipsoid Height: 100.626

1A.3.VVA.HV



Point ID: 1A.3.VVA.HV
Easting: 749478.793
Northing: 3340205.557
Orthometric Height: 90.086
Latitude: 30° 10' 04.04"
Longitude: -96° 24' 34.34"
Ellipsoid Height: 62.828

1A.30.VVA.HV



Point ID: 1A.30.VVA.HV
Easting: 698056.839
Northing: 3355498.316
Orthometric Height: 136.106
Latitude: 30° 18' 54.54"
Longitude: -96° 56' 25.25"
Ellipsoid Height: 109.719

1A.31.VVA.HV



Point ID: 1A.31.VVA.HV
Easting: 695874.534
Northing: 3352448.607
Orthometric Height: 110.521
Latitude: 30° 17' 17.17"
Longitude: -96° 57' 48.48"
Ellipsoid Height: 84.14

1A.32.VVA.HV



Point ID: 1A.32.VVA.HV
Easting: 692990.337
Northing: 3348015.941
Orthometric Height: 130.275
Latitude: 30° 14' 54.54"
Longitude: -96° 59' 39.39"
Ellipsoid Height: 103.907

1A.35.VVA.HV



Point ID: 1A.35.VVA.HV
Easting: 684462.25
Northing: 3360386.253
Orthometric Height: 126.172
Latitude: 30° 21' 41.41"
Longitude: -97° 04' 50.50"
Ellipsoid Height: 100.034

1A.39.VVA.HV



Point ID: 1A.39.VVA.HV
Easting: 680999.884
Northing: 3364706.703
Orthometric Height: 134.933
Latitude: 30° 24' 03.03"
Longitude: -97° 06' 57.57"
Ellipsoid Height: 108.86

1A.41.VVA.HV



Point ID: 1A.41.VVA.HV
Easting: 692471.411
Northing: 3372359.935
Orthometric Height: 119.377
Latitude: 30° 28' 05.05"
Longitude: -96° 59' 42.42"
Ellipsoid Height: 93.239

1A.42.VVA.HV



Point ID: 1A.42.VVA.HV
Easting: 693197.576
Northing: 3376128.522
Orthometric Height: 139.635
Latitude: 30° 30' 07.07"
Longitude: -96° 59' 13.13"
Ellipsoid Height: 113.517

1A.5.VVA.HV



Point ID: 1A.5.VVA.HV
Easting: 740180.709
Northing: 3342359.434
Orthometric Height: 110.424
Latitude: 30° 11' 20.20"
Longitude: -96° 30' 19.19"
Ellipsoid Height: 83.277

1A.6.VVA.HV



Point ID: 1A.6.VVA.HV
Easting: 737297.291
Northing: 3342544.464
Orthometric Height: 117.405
Latitude: 30° 11' 28.28"
Longitude: -96° 32' 07.07"
Ellipsoid Height: 90.293

1A.8.VVA.HV



Point ID: 1A.8.VVA.HV
Easting: 731023.299
Northing: 3340832.948
Orthometric Height: 135.569
Latitude: 30° 10' 37.37"
Longitude: -96° 36' 03.03"
Ellipsoid Height: 108.524

1A.9.VVA.HV



Point ID: 1A.9.VVA.HV
Easting: 729079.46
Northing: 3344465.305
Orthometric Height: 135.502
Latitude: 30° 12' 36.36"
Longitude: -96° 37' 13.13"
Ellipsoid Height: 108.508

1A.VVA.HV



Point ID: 1A.VVA.HV
Easting: 751207.803
Northing: 3340481.225
Orthometric Height: 93.716
Latitude: 30° 10' 11.11"
Longitude: -96° 23' 29.29"
Ellipsoid Height: 66.441

2.1.VVA.HV



Point ID: 2.1.VVA.HV
Easting: 758782.758
Northing: 3452899.458
Orthometric Height: 105.084
Latitude: 31° 10' 54.54"
Longitude: -96° 17' 05.05"
Ellipsoid Height: 79.076

2.10.VVA.HV



Point ID: 2.10.VVA.HV
Easting: 792097.787
Northing: 3494939.639
Orthometric Height: 104.542
Latitude: 31° 33' 09.09"
Longitude: -95° 55' 23.23"
Ellipsoid Height: 78.387

2.11.VVA.HV



Point ID: 2.11.VVA.HV
Easting: 799254.846
Northing: 3498804.952
Orthometric Height: 81.973
Latitude: 31° 35' 08.08"
Longitude: -95° 50' 48.48"
Ellipsoid Height: 55.723

2.12.VVA.HV



Point ID: 2.12.VVA.HV
Easting: 802739.073
Northing: 3494826.644
Orthometric Height: 91.573
Latitude: 31° 32' 55.55"
Longitude: -95° 48' 40.40"
Ellipsoid Height: 65.206

2.13.VVA.HV



Point ID: 2.13.VVA.HV
Easting: 807975.288
Northing: 3486652.665
Orthometric Height: 69.948
Latitude: 31° 28' 25.25"
Longitude: -95° 45' 31.31"
Ellipsoid Height: 43.401

2.15.VVA.HV



Point ID: 2.15.VVA.HV
Easting: 811894.991
Northing: 3474381.602
Orthometric Height: 81.759
Latitude: 31° 21' 44.44"
Longitude: -95° 43' 17.17"
Ellipsoid Height: 55.067

2.16.VVA.HV



Point ID: 2.16.VVA.HV
Easting: 814267.457
Northing: 3471558.931
Orthometric Height: 59.11
Latitude: 31° 20' 10.10"
Longitude: -95° 41' 50.50"
Ellipsoid Height: 32.377

2.2.VVA.HV



Point ID: 2.2.VVA.HV
Easting: 759757.001
Northing: 3455388.568
Orthometric Height: 119.903
Latitude: 31° 12' 14.14"
Longitude: -96° 16' 25.25"
Ellipsoid Height: 93.913

2.3.VVA.HV



Point ID: 2.3.VVA.HV
Easting: 761174.431
Northing: 3459558.126
Orthometric Height: 122.806
Latitude: 31° 14' 28.28"
Longitude: -96° 15' 28.28"
Ellipsoid Height: 96.849

2.5.VVA.HV



Point ID: 2.5.VVA.HV
Easting: 759238.022
Northing: 3475727.561
Orthometric Height: 127.941
Latitude: 31° 23' 14.14"
Longitude: -96° 16' 26.26"
Ellipsoid Height: 102.239

2.51.VVA.HV



Point ID: 2.51.VVA.HV
Easting: 792258.626
Northing: 3463620.609
Orthometric Height: 80.966
Latitude: 31° 16' 13.13"
Longitude: -95° 55' 50.50"
Ellipsoid Height: 54.464

2.52.VVA.HV



Point ID: 2.52.VVA.HV
Easting: 787752.289
Northing: 3462170.688
Orthometric Height: 108.134
Latitude: 31° 15' 30.30"
Longitude: -95° 58' 42.42"
Ellipsoid Height: 81.7

2.53.VVA.HW



Point ID: 2.53.VVA.HW
Easting: 780816.777
Northing: 3460660.473
Orthometric Height: 150.251
Latitude: 31° 14' 47.47"
Longitude: -96° 03' 05.05"
Ellipsoid Height: 123.942

2.54.VVA.HV



Point ID: 2.54.VVA.HV
Easting: 773940.083
Northing: 3461534.24
Orthometric Height: 160.481
Latitude: 31° 15' 21.21"
Longitude: -96° 07' 24.24"
Ellipsoid Height: 134.32

2.58.VVA.HV



Point ID: 2.58.VVA.HV
Easting: 793287.823
Northing: 3450323.716
Orthometric Height: 93.935
Latitude: 31° 09' 01.01"
Longitude: -95° 55' 25.25"
Ellipsoid Height: 67.337

2.65.VVA.HV



Point ID: 2.65.VVA.HV
Easting: 801614.836
Northing: 3431936.032
Orthometric Height: 83.633
Latitude: 30° 58' 57.57"
Longitude: -95° 50' 31.31"
Ellipsoid Height: 56.847

2.7.VVA.HV



Point ID: 2.7.VVA.HV
Easting: 777124.173
Northing: 3482152.83
Orthometric Height: 119.668
Latitude: 31° 26' 27.27"
Longitude: -96° 05' 03.03"
Ellipsoid Height: 93.668

3.11.VVA.HV



Point ID: 3.11.VVA.HV
Easting: 798667.797
Northing: 3368105.56
Orthometric Height: 97.954
Latitude: 30° 24' 29.29"
Longitude: -95° 53' 29.29"
Ellipsoid Height: 70.595

3.12.VVA.HV



Point ID: 3.12.VVA.HV
Easting: 795646.942
Northing: 3373706.797
Orthometric Height: 111.812
Latitude: 30° 27' 33.33"
Longitude: -95° 55' 16.16"
Ellipsoid Height: 84.517

3.13.VVA.HV



Point ID: 3.13.VVA.HV
Easting: 789267.385
Northing: 3376628.233
Orthometric Height: 106.515
Latitude: 30° 29' 14.14"
Longitude: -95° 59' 12.12"
Ellipsoid Height: 79.284

3.14.VVA.HV



Point ID: 3.14.VVA.HV
Easting: 791671.307
Northing: 3371588.689
Orthometric Height: 118.547
Latitude: 30° 26' 28.28"
Longitude: -95° 57' 47.47"
Ellipsoid Height: 91.253

3.17.VVA.HV



Point ID: 3.17.VVA.HV
Easting: 798310.038
Northing: 3390889.86
Orthometric Height: 106.914
Latitude: 30° 36' 48.48"
Longitude: -95° 53' 18.18"
Ellipsoid Height: 79.772

3.17.VVA.HVHV



Point ID: 3.17.VVA.HVHV
Easting: 798279.793
Northing: 3390917.375
Orthometric Height: 107.169
Latitude: 30° 36' 49.49"
Longitude: -95° 53' 20.20"
Ellipsoid Height: 80.027

3.19.VVA.HV



Point ID: 3.19.VVA.HV
Easting: 792068.44
Northing: 3408673.617
Orthometric Height: 102.112
Latitude: 30° 46' 31.31"
Longitude: -95° 56' 54.54"
Ellipsoid Height: 75.228

3.20.VVA.HV



Point ID: 3.20.VVA.HV
Easting: 790517.893
Northing: 3400940.8
Orthometric Height: 100.877
Latitude: 30° 42' 21.21"
Longitude: -95° 58' 00.00"
Ellipsoid Height: 73.936

3.21.VVA.HV



Point ID: 3.21.VVA.HV
Easting: 791403.616
Northing: 3395036.21
Orthometric Height: 102.029
Latitude: 30° 39' 09.09"
Longitude: -95° 57' 33.33"
Ellipsoid Height: 75.006

3.23.VVA.HV



Point ID: 3.23.VVA.HV
Easting: 787266.883
Northing: 3406617.605
Orthometric Height: 107.703
Latitude: 30° 45' 28.28"
Longitude: -95° 59' 57.57"
Ellipsoid Height: 80.869

3.3.VVA.HV



Point ID: 3.3.VVA.HV
Easting: 778321.76
Northing: 3392037
Orthometric Height: 90.615
Latitude: 30° 37' 43.43"
Longitude: -96° 05' 47.47"
Ellipsoid Height: 63.698

3.7.VVA.HV



Point ID: 3.7.VVA.HV
Easting: 780383.816
Northing: 3366879.031
Orthometric Height: 70.552
Latitude: 30° 24' 05.05"
Longitude: -96° 04' 54.54"
Ellipsoid Height: 43.259

3.9.VVA.HV



Point ID: 3.9.VVA.HV
Easting: 785371.369
Northing: 3352858.836
Orthometric Height: 76.708
Latitude: 30° 16' 26.26"
Longitude: -96° 02' 01.01"
Ellipsoid Height: 49.268

4.33.VVA.HV



Point ID: 4.33.VVA.HV
Easting: 860408.213
Northing: 3410716.469
Orthometric Height: 79.775
Latitude: 30° 46' 30.30"
Longitude: -95° 14' 06.06"
Ellipsoid Height: 52.591

5.10.VVA.HV



Point ID: 5.10.VVA.HV
Easting: 994690.115
Northing: 3481207.202
Orthometric Height: 84.789
Latitude: 31° 21' 36.36"
Longitude: -93° 48' 06.06"
Ellipsoid Height: 57.413

5.11.VVA.HV



Point ID: 5.11.VVA.HV
Easting: 992126.441
Northing: 3480281.587
Orthometric Height: 92.532
Latitude: 31° 21' 10.10"
Longitude: -93° 49' 45.45"
Ellipsoid Height: 65.128

5.12.VVA.HV



Point ID: 5.12.VVA.HV
Easting: 990364.225
Northing: 3479046.544
Orthometric Height: 87.781
Latitude: 31° 20' 33.33"
Longitude: -93° 50' 53.53"
Ellipsoid Height: 60.348

5.13.VVA.HV



Point ID: 5.13.VVA.HV
Easting: 990652.214
Northing: 3476626.46
Orthometric Height: 79.068
Latitude: 31° 19' 14.14"
Longitude: -93° 50' 47.47"
Ellipsoid Height: 51.59

5.14.VVA.HV



Point ID: 5.14.VVA.HV
Easting: 991331.372
Northing: 3472139.148
Orthometric Height: 96.336
Latitude: 31° 16' 48.48"
Longitude: -93° 50' 29.29"
Ellipsoid Height: 68.79

5.15.VVA.HV



Point ID: 5.15.VVA.HV
Easting: 993001.071
Northing: 3469899.413
Orthometric Height: 88.632
Latitude: 31° 15' 33.33"
Longitude: -93° 49' 30.30"
Ellipsoid Height: 61.058

5.16.VVA.HV



Point ID: 5.16.VVA.HV
Easting: 996996.187
Northing: 3469235.263
Orthometric Height: 72.408
Latitude: 31° 15' 05.05"
Longitude: -93° 47' 01.01"
Ellipsoid Height: 44.844

5.17.VVA.HV2



Point ID: 5.17.VVA.HV2
Easting: 999829.643
Northing: 3467557.466
Orthometric Height: 58.821
Latitude: 31° 14' 07.07"
Longitude: -93° 45' 17.17"
Ellipsoid Height: 31.255

5.18.VVA.HV



Point ID: 5.18.VVA.HV
Easting: 1002451.96
Northing: 3462995.448
Orthometric Height: 81.687
Latitude: 31° 11' 35.35"
Longitude: -93° 43' 47.47"
Ellipsoid Height: 54.116

5.19.VVA.HV



Point ID: 5.19.VVA.HV
Easting: 973476.761
Northing: 3542054.123
Orthometric Height: 67.871
Latitude: 31° 54' 57.57"
Longitude: -93° 59' 41.41"
Ellipsoid Height: 41.963

5.29.VVA.HV



Point ID: 5.29.VVA.HV
Easting: 972462.242
Northing: 3544026.593
Orthometric Height: 77.383
Latitude: 31° 56' 02.02"
Longitude: -94° 00' 16.16"
Ellipsoid Height: 51.476

5.3.VVA.HV



Point ID: 5.3.VVA.HV
Easting: 990627.829
Northing: 3491534.595
Orthometric Height: 125.291
Latitude: 31° 27' 17.17"
Longitude: -93° 50' 21.21"
Ellipsoid Height: 98.144

5.30.VVA.HV



Point ID: 5.30.VVA.HV
Easting: 971076.567
Northing: 3548495.785
Orthometric Height: 60.365
Latitude: 31° 58' 29.29"
Longitude: -94° 01' 01.01"
Ellipsoid Height: 34.447

5.4.VVA.HV



Point ID: 5.4.VVA.HV
Easting: 990108.896
Northing: 3489208.919
Orthometric Height: 101.819
Latitude: 31° 26' 02.02"
Longitude: -93° 50' 45.45"
Ellipsoid Height: 74.61

5.55.VVA.HV



Point ID: 5.55.VVA.HV
Easting: 1015014.303
Northing: 3433689.992
Orthometric Height: 91.958
Latitude: 30° 55' 28.28"
Longitude: -93° 36' 48.48"
Ellipsoid Height: 64.654

5.6.VVA.HV



Point ID: 5.6.VVA.HV
Easting: 996056.567
Northing: 3489641.538
Orthometric Height: 63.688
Latitude: 31° 26' 07.07"
Longitude: -93° 47' 00.00"
Ellipsoid Height: 36.493

5.7.VVA.HV



Point ID: 5.7.VVA.HV
Easting: 996420.187
Northing: 3487493.405
Orthometric Height: 54.176
Latitude: 31° 24' 57.57"
Longitude: -93° 46' 50.50"
Ellipsoid Height: 26.931

5.8.VVA.HV



Point ID: 5.8.VVA.HV
Easting: 996364.383
Northing: 3485364.723
Orthometric Height: 72.057
Latitude: 31° 23' 48.48"
Longitude: -93° 46' 56.56"
Ellipsoid Height: 44.767

5.83.VVA.HV



Point ID: 5.83.VVA.HV
Easting: 976809.693
Northing: 3537675.555
Orthometric Height: 75.845
Latitude: 31° 52' 30.30"
Longitude: -93° 57' 42.42"
Ellipsoid Height: 49.913

6.01.VVA.HV



Point ID: 6.01.VVA.HV
Easting: 1002330.71
Northing: 3459654.33
Orthometric Height: 124.364
Latitude: 31° 09' 47.47"
Longitude: -93° 43' 57.57"
Ellipsoid Height: 96.784

6.02.VVA.HV



Point ID: 6.02.VVA.HV
Easting: 1001478.929
Northing: 3457805.339
Orthometric Height: 117.958
Latitude: 31° 08' 49.49"
Longitude: -93° 44' 33.33"
Ellipsoid Height: 90.363

6.10.VVA.HW2



Point ID: 6.10.VVA.HW2
Easting: 1008133.428
Northing: 3437020.43
Orthometric Height: 57.269
Latitude: 30° 57' 26.26"
Longitude: -93° 41' 00.00"
Ellipsoid Height: 29.833

6.12.VVA.HV



Point ID: 6.12.VVA.HV
Easting: 1004481.025
Northing: 3432893.001
Orthometric Height: 104.311
Latitude: 30° 55' 18.18"
Longitude: -93° 43' 24.24"
Ellipsoid Height: 76.846

6.13.VVA.HV



Point ID: 6.13.VVA.HV
Easting: 1005929.216
Northing: 3430413.263
Orthometric Height: 92.288
Latitude: 30° 53' 56.56"
Longitude: -93° 42' 35.35"
Ellipsoid Height: 64.864

6.15.VVA.HV



Point ID: 6.15.VVA.HV
Easting: 1001358.448
Northing: 3424516.16
Orthometric Height: 55.694
Latitude: 30° 50' 52.52"
Longitude: -93° 45' 36.36"
Ellipsoid Height: 28.227

6.16.VVA.HV



Point ID: 6.16.VVA.HV
Easting: 1003235.843
Northing: 3421984.87
Orthometric Height: 60.029
Latitude: 30° 49' 28.28"
Longitude: -93° 44' 30.30"
Ellipsoid Height: 32.599

6.17.VVA.HV



Point ID: 6.17.VVA.HV
Easting: 1005509.766
Northing: 3421022.164
Orthometric Height: 50.827
Latitude: 30° 48' 53.53"
Longitude: -93° 43' 07.07"
Ellipsoid Height: 23.429

6.18.VVA.HV



Point ID: 6.18.VVA.HV
Easting: 1006636.107
Northing: 3418882.114
Orthometric Height: 45.14
Latitude: 30° 47' 42.42"
Longitude: -93° 42' 29.29"
Ellipsoid Height: 17.761

6.19.VVA.HV



Point ID: 6.19.VVA.HV
Easting: 1007833.151
Northing: 3417038.477
Orthometric Height: 41.811
Latitude: 30° 46' 40.40"
Longitude: -93° 41' 47.47"
Ellipsoid Height: 14.449

6.20.VVA.HV



Point ID: 6.20.VVA.HV
Easting: 1009812.878
Northing: 3415303.915
Orthometric Height: 30.773
Latitude: 30° 45' 41.41"
Longitude: -93° 40' 36.36"
Ellipsoid Height: 3.434

6.21.VVA.HV



Point ID: 6.21.VVA.HV
Easting: 1007685.627
Northing: 3412628.043
Orthometric Height: 32.911
Latitude: 30° 44' 18.18"
Longitude: -93° 42' 00.00"
Ellipsoid Height: 5.55

6.22.VVA.HV



Point ID: 6.22.VVA.HV
Easting: 1005404.439
Northing: 3411362.36
Orthometric Height: 34.806
Latitude: 30° 43' 41.41"
Longitude: -93° 43' 28.28"
Ellipsoid Height: 7.424

6.4.VVA.HV



Point ID: 6.4.VVA.HV
Easting: 1004625.733
Northing: 3449590.562
Orthometric Height: 117.565
Latitude: 31° 04' 18.18"
Longitude: -93° 42' 49.49"
Ellipsoid Height: 90.016

6.5.VVA.HV



Point ID: 6.5.VVA.HV
Easting: 1004885.222
Northing: 3447327.101
Orthometric Height: 99.244
Latitude: 31° 03' 05.05"
Longitude: -93° 42' 43.43"
Ellipsoid Height: 71.7

6.6.VVA.HV



Point ID: 6.6.VVA.HV
Easting: 1006222.096
Northing: 3444889.468
Orthometric Height: 69.444
Latitude: 31° 01' 44.44"
Longitude: -93° 41' 58.58"
Ellipsoid Height: 41.927

6.7.VVA.HV2



Point ID: 6.7.VVA.HV2
Easting: 1006418.818
Northing: 3442824.241
Orthometric Height: 59.597
Latitude: 31° 00' 37.37"
Longitude: -93° 41' 54.54"
Ellipsoid Height: 32.091

6.8.VVA.HV



Point ID: 6.8.VVA.HV
Easting: 1009153.083
Northing: 3441648.963
Orthometric Height: 57.624
Latitude: 30° 59' 54.54"
Longitude: -93° 40' 13.13"
Ellipsoid Height: 30.171

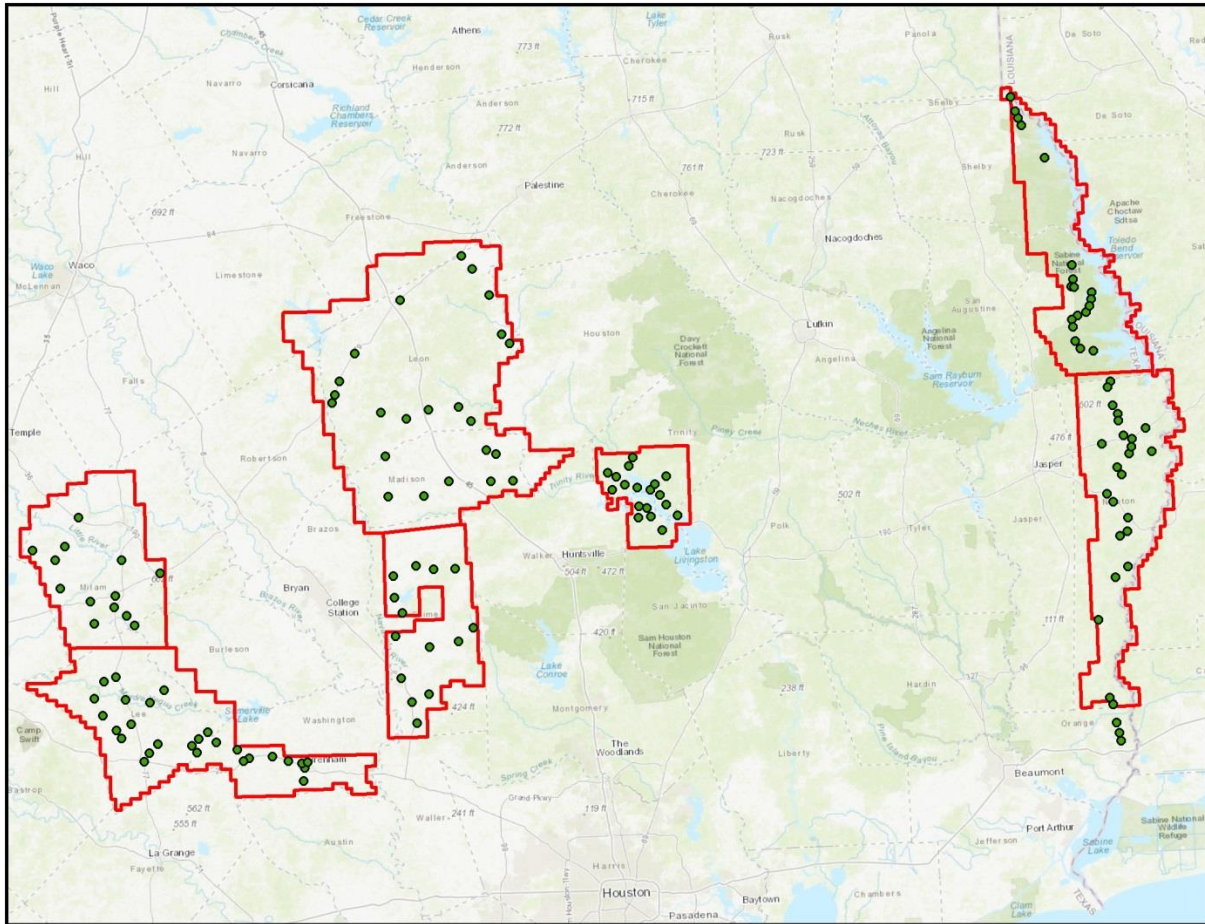
6.9.VVA.HV



Point ID: 6.9.VVA.HV
Easting: 1008946.198
Northing: 3439306.548
Orthometric Height: 55.18
Latitude: 30° 58' 39.39"
Longitude: -93° 40' 25.25"
Ellipsoid Height: 27.741

Vegetated Vertical Accuracy Checkpoints Low Vegetation

The Map shows the overall distribution of the Vegetated Vertical Accuracy Checkpoint, Low Vegetation throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Low Vegetation Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.02.VVA.LV	845138.030	3431080.544	80.756
04.05.VVA.LV	846416.674	3425706.635	57.992
04.07.VVA.LV	854806.880	3420650.658	54.300
04.08.VVA.LV	857310.779	3420051.420	54.896
04.09.VVA.LV	858590.723	3417350.712	46.441
04.12.VVA.LV	862049.946	3413049.440	71.947
04.14.VVA.LV	866912.584	3417736.272	42.771
04.15.VVA.LV	863336.061	3421015.805	56.305
04.16.VVA.LV	861382.711	3424074.774	47.932
04.17.VVA.LV	858407.859	3425631.971	47.222
04.18.VVA.LV	854377.571	3426396.672	66.213
04.19.VVA.LV	850408.634	3427234.875	62.546
04.20.VVA.LV	847677.025	3429710.801	63.017
04.21.VVA.LV	851591.297	3433174.675	61.248
04.22.VVA.LV	852858.100	3435922.171	83.660
04.23.VVA.LV	859841.032	3427538.078	59.639
04.24.VVA.LV	863278.366	3429930.765	78.303
04.31.VVA.LV	854677.518	3417054.412	81.225
06.23.VVA.LV	1002144.442	3360709.947	9.950
06.24.VVA.LV	1003153.718	3358594.949	8.920
06.26.VVA.LV	1004336.177	3352909.132	6.219
06.27.VVA.LV	1005114.848	3349712.105	4.845
06.28.VVA.LV	1005636.540	3347223.026	3.266
06.33.VVA.LV	998560.069	3385039.604	15.352
06.39.VVA.LV	1003934.690	3398378.679	17.538
06.41.VVA.LV	1007787.991	3401700.946	18.070
1.1.VVA.LV	690990.786	3392507.220	139.756
1.12.VVA.LV	673696.597	3394756.621	141.785
1.13.VVA.LV	672155.913	3403701.740	159.712
1.14.VVA.LV	665120.237	3406744.214	167.107
1.15.VVA.LV	675232.860	3407939.325	137.840
1.16.VVA.LV	679485.486	3416939.071	157.866
1.2.VVA.LV	705037.565	3399679.075	151.359
1.20.VVA.LV	692904.863	3403738.034	129.350
1.4.VVA.LV	694461.218	3386249.118	136.916
1.5.VVA.LV	697003.778	3383331.769	129.176
1.6.VVA.LV	690630.698	3388951.141	144.640
1.7.VVA.LV	684484.963	3383782.822	147.015

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
1.9.VVA.LV	683114.179	3390688.466	136.724
1A.11.VVA.LV	749848.625	3334632.538	111.610
1A.14.VVA.LV	722634.182	3346746.175	102.973
1A.15.VVA.LV	719931.151	3349962.457	92.742
1A.16.VVA.LV	717051.724	3347777.202	96.731
1A.17.VVA.LV	714857.378	3345598.156	102.824
1A.18.VVA.LV	716572.464	3343450.545	101.863
1A.18.VVA.LV2	716573.328	3343448.461	102.477
1A.2.VVA.LV	750220.589	3338704.046	106.339
1A.21.VVA.LV	700018.614	3340744.976	150.520
1A.22.VVA.LV	701688.324	3343369.252	126.779
1A.23.VVA.LV	704367.869	3346156.553	102.445
1A.28.VVA.LV	706230.591	3363088.193	126.729
1A.29.VVA.LV	701843.199	3359062.048	98.710
1A.3.VVA.LV	749451.044	3340160.958	90.379
1A.31.VVA.LV	695852.793	3352455.688	110.769
1A.32.VVA.LV	692998.725	3348008.408	129.984
1A.33.VVA.LV	691351.719	3350373.009	146.288
1A.34.VVA.LV	687023.202	3355101.321	124.947
1A.35.VVA.LV	684469.830	3360364.569	126.751
1A.36.VVA.LV	691075.702	3367093.852	137.396
1A.37.VVA.LV	694172.175	3360035.279	106.686
1A.38.VVA.LV	687378.683	3365723.999	124.478
1A.4.VVA.LV	745065.591	3340849.072	117.443
1A.5.VVA.LV	740137.538	3342346.841	109.070
1A.7.VVA.LV	732924.277	3341779.177	138.355
1A.8.VVA.LV	731035.746	3340825.016	135.079
1A.9.VVA.LV	729058.782	3344471.701	135.433
1A.VVA.LV	751237.632	3340494.886	92.732
2.1.VVA.LV	758784.546	3452923.097	105.295
2.11.VVA.LV	799236.932	3498775.198	82.287
2.12.VVA.LV	802695.682	3494834.234	91.784
2.13.VVA.LV	808016.921	3486688.906	69.433
2.15.VVA.LV	811871.835	3474367.459	82.578
2.16.VVA.LV	814278.586	3471492.378	59.009
2.2.VVA.LV	759741.572	3455391.523	119.606
2.3.VVA.LV	761173.539	3459541.230	122.629
2.4.VVA.LV	765809.047	3468392.814	138.595
2.50.VVA.LV	814278.438	3471491.660	59.011
2.55.VVA.LV	773961.790	3449932.964	141.058

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
2.56.VVA.LV	782054.543	3447837.986	125.802
2.57.VVA.LV	788907.082	3450705.148	103.656
2.59.VVA.LV	798308.721	3451577.755	62.089
2.60.VVA.LV	802205.244	3447143.181	88.350
2.61.VVA.LV	807015.865	3438178.017	82.580
2.62.VVA.LV	810024.277	3436845.810	75.627
2.63.VVA.LV	815430.144	3428636.877	64.360
2.64.VVA.LV	808502.554	3428461.124	80.735
2.66.VVA.LV	795419.575	3428368.692	86.018
2.67.VVA.LV	787600.161	3423695.357	91.722
2.68.VVA.LV	776382.934	3423669.160	100.986
2.70.VVA.LV	775495.608	3436203.464	111.624
2.8.VVA.LV	780026.696	3484965.313	116.499
3.10.VVA.LV	789149.834	3361723.982	75.661
3.13.VVA.LV	789255.457	3376606.194	105.821
3.15.VVA.LV	798412.086	3378239.453	102.948
3.16.VVA.LV	802971.526	3382568.297	97.060
3.18.VVA.LV	797327.858	3401030.048	107.147
3.2.VVA.LV	777937.502	3398699.553	94.326
3.20.VVA.LV	790484.383	3400913.832	100.718
3.22.VVA.LV	784979.909	3401859.039	102.712
3.3.VVA.LV	778339.203	3392039.560	91.206
3.4.VVA.LV	780840.197	3387164.263	64.587
3.5.VVA.LV	778720.757	3379998.974	64.568
3.7.VVA.LV	780413.412	3366856.731	71.206
3.8.VVA.LV	783816.734	3359353.180	63.960
3.9.VVA.LV	785390.451	3352834.074	76.052
5.10.VVA.LV	994703.135	3481211.042	84.670
5.11.VVA.LV	992134.121	3480248.750	93.772
5.12.VVA.LV	990351.941	3479060.024	88.310
5.13.VVA.LV	990653.175	3476653.223	79.178
5.14.VVA.LV	991342.629	3472142.739	96.353
5.15.VVA.LV	992981.467	3469931.191	88.709
5.16.VVA.LV	997013.840	3469258.712	73.200
5.19.VVA.LV	973465.730	3542026.685	67.222
5.29.VVA.LV	972493.964	3544062.889	78.023
5.3.VVA.LV	990618.729	3491562.518	125.790
5.30.VVA.LV	971051.472	3548478.093	60.024
5.4.VVA.LV	990100.170	3489227.368	102.450
5.5.VVA.LV	990903.265	3489159.346	93.967

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
5.50.VVA.LV	999693.377	3440086.091	79.747
5.52.VVA.LV	1013358.460	3445015.698	82.364
5.54.VVA.LV	1015273.115	3437875.674	35.469
5.7.VVA.LV	996414.847	3487513.352	53.849
5.8.VVA.LV	996362.315	3485340.208	72.042
5.81.VVA.LV	981670.158	3529557.086	84.975
5.85.VVA.LV	974496.068	3539691.611	61.421
5.9.VVA.LV	995815.120	3483278.614	78.120
6.01.VVA.LV	1002362.960	3459651.650	125.726
6.02.VVA.LV	1001485.334	3457820.719	117.792
6.1.VVA.LV	990301.567	3495992.185	70.504
6.10.VVA.LV	1008123.809	3437022.385	57.135
6.12.VVA.LV	1004484.129	3432866.526	104.494
6.13.VVA.LV	1005925.255	3430450.562	90.144
6.15.VVA.LV	1001336.710	3424524.405	55.813
6.16.VVA.LV	1003210.488	3421977.392	60.596
6.19.VVA.LV	1007812.310	3417002.009	41.841
6.21.VVA.LV	1007691.500	3412678.906	33.491
6.22.VVA.LV	1005416.977	3411362.080	34.842
6.3.VVA.LV	1002984.503	3452090.474	135.354
6.4.VVA.LV	1004623.343	3449574.036	117.018
6.5.VVA.LV	1004901.548	3447303.167	99.035
6.7.VVA.LV	1006425.771	3442800.256	58.891
6.8.VVA.LV	1009146.298	3441637.017	57.553
6.9.VVA.LV	1008963.714	3439291.073	54.648

04.02.VVA.LV



Point ID: 04.02.VVA.LV
Easting: 845138.03
Northing: 3431080.544
Orthometric Height: 80.756
Latitude: 30° 57' 46.46"
Longitude: -95° 23' 14.14"
Ellipsoid Height: 53.627

04.05.VVA.LV



Point ID: 04.05.VVA.LV
Easting: 846416.674
Northing: 3425706.635
Orthometric Height: 57.992
Latitude: 30° 54' 50.50"
Longitude: -95° 22' 33.33"
Ellipsoid Height: 30.834

04.07.VVA.LV



Point ID: 04.07.VVA.LV
Easting: 854806.88
Northing: 3420650.658
Orthometric Height: 54.3
Latitude: 30° 51' 58.58"
Longitude: -95° 17' 23.23"
Ellipsoid Height: 27.122

04.08.VVA.LV



Point ID: 04.08.VVA.LV
Easting: 857310.779
Northing: 3420051.42
Orthometric Height: 54.896
Latitude: 30° 51' 35.35"
Longitude: -95° 15' 50.50"
Ellipsoid Height: 27.716

04.09.VVA.LV



Point ID: 04.09.VVA.LV
Easting: 858590.723
Northing: 3417350.712
Orthometric Height: 46.441
Latitude: 30° 50' 07.07"
Longitude: -95° 15' 05.05"
Ellipsoid Height: 19.26

04.12.VVA.LV



Point ID: 04.12.VVA.LV
Easting: 862049.946
Northing: 3413049.44
Orthometric Height: 71.947
Latitude: 30° 47' 43.43"
Longitude: -95° 13' 01.01"
Ellipsoid Height: 44.76

04.14.VVA.LV



Point ID: 04.14.VVA.LV
Easting: 866912.584
Northing: 3417736.272
Orthometric Height: 42.771
Latitude: 30° 50' 10.10"
Longitude: -95° 09' 52.52"
Ellipsoid Height: 15.575

04.15.VVA.LV



Point ID: 04.15.VVA.LV
Easting: 863336.061
Northing: 3421015.805
Orthometric Height: 56.305
Latitude: 30° 52' 00.00"
Longitude: -95° 12' 02.02"
Ellipsoid Height: 29.121

04.16.VVA.LV



Point ID: 04.16.VVA.LV
Easting: 861382.711
Northing: 3424074.774
Orthometric Height: 47.932
Latitude: 30° 53' 41.41"
Longitude: -95° 13' 12.12"
Ellipsoid Height: 20.749

04.17.VVA.LV



Point ID: 04.17.VVA.LV
Easting: 858407.859
Northing: 3425631.971
Orthometric Height: 47.222
Latitude: 30° 54' 35.35"
Longitude: -95° 15' 02.02"
Ellipsoid Height: 20.039

04.18.VVA.LV



Point ID: 04.18.VVA.LV
Easting: 854377.571
Northing: 3426396.672
Orthometric Height: 66.213
Latitude: 30° 55' 04.04"
Longitude: -95° 17' 32.32"
Ellipsoid Height: 39.038

04.19.VVA.LV



Point ID: 04.19.VVA.LV
Easting: 850408.634
Northing: 3427234.875
Orthometric Height: 62.546
Latitude: 30° 55' 36.36"
Longitude: -95° 20' 01.01"
Ellipsoid Height: 35.382

04.20.VVA.LV



Point ID: 04.20.VVA.LV
Easting: 847677.025
Northing: 3429710.801
Orthometric Height: 63.017
Latitude: 30° 56' 59.59"
Longitude: -95° 21' 40.40"
Ellipsoid Height: 35.869

04.21.VVA.LV



Point ID: 04.21.VVA.LV
Easting: 851591.297
Northing: 3433174.675
Orthometric Height: 61.248
Latitude: 30° 58' 47.47"
Longitude: -95° 19' 09.09"
Ellipsoid Height: 34.096

04.22.VVA.LV



Point ID: 04.22.VVA.LV
Easting: 852858.1
Northing: 3435922.171
Orthometric Height: 83.66
Latitude: 31° 00' 15.15"
Longitude: -95° 18' 18.18"
Ellipsoid Height: 56.516

04.23.VVA.LV



Point ID: 04.23.VVA.LV
Easting: 859841.032
Northing: 3427538.078
Orthometric Height: 59.639
Latitude: 30° 55' 35.35"
Longitude: -95° 14' 06.06"
Ellipsoid Height: 32.458

04.24.VVA.LV



Point ID: 04.24.VVA.LV
Easting: 863278.366
Northing: 3429930.765
Orthometric Height: 78.303
Latitude: 30° 56' 49.49"
Longitude: -95° 11' 53.53"
Ellipsoid Height: 51.123

04.31.VVA.LV



Point ID: 04.31.VVA.LV
Easting: 854677.518
Northing: 3417054.412
Orthometric Height: 81.225
Latitude: 30° 50' 01.01"
Longitude: -95° 17' 33.33"
Ellipsoid Height: 54.05

06.23.VVA.LV



Point ID: 06.23.VVA.LV
Easting: 1002144.442
Northing: 3360709.947
Orthometric Height: 9.95
Latitude: 30° 16' 27.27"
Longitude: -93° 46' 58.58"
Ellipsoid Height: -17.451

06.24.VVA.LV



Point ID: 06.24.VVA.LV
Easting: 1003153.718
Northing: 3358594.949
Orthometric Height: 8.92
Latitude: 30° 15' 17.17"
Longitude: -93° 46' 24.24"
Ellipsoid Height: -18.469

06.26.VVA.LV



Point ID: 06.26.VVA.LV
Easting: 1004336.177
Northing: 3352909.132
Orthometric Height: 6.219
Latitude: 30° 12' 11.11"
Longitude: -93° 45' 50.50"
Ellipsoid Height: -21.132

06.27.VVA.LV



Point ID: 06.27.VVA.LV
Easting: 1005114.848
Northing: 3349712.105
Orthometric Height: 4.845
Latitude: 30° 10' 27.27"
Longitude: -93° 45' 26.26"
Ellipsoid Height: -22.481

06.28.VVA.LV



Point ID: 06.28.VVA.LV
Easting: 1005636.54
Northing: 3347223.026
Orthometric Height: 3.266
Latitude: 30° 09' 05.05"
Longitude: -93° 45' 11.11"
Ellipsoid Height: -24.041

06.33.VVA.LV



Point ID: 06.33.VVA.LV
Easting: 998560.069
Northing: 3385039.604
Orthometric Height: 15.352
Latitude: 30° 29' 39.39"
Longitude: -93° 48' 30.30"
Ellipsoid Height: -12.067

06.39.VVA.LV



Point ID: 06.39.VVA.LV
Easting: 1003934.69
Northing: 3398378.679
Orthometric Height: 17.538
Latitude: 30° 36' 43.43"
Longitude: -93° 44' 46.46"
Ellipsoid Height: -9.851

06.41.VVA.LV



Point ID: 06.41.VVA.LV
Easting: 1007787.991
Northing: 3401700.946
Orthometric Height: 18.07
Latitude: 30° 38' 24.24"
Longitude: -93° 42' 16.16"
Ellipsoid Height: -9.292

1.1.VVA.LV



Point ID: 1.1.VVA.LV
Easting: 690990.786
Northing: 3392507.22
Orthometric Height: 139.756
Latitude: 30° 39' 00.00"
Longitude: -97° 00' 25.25"
Ellipsoid Height: 113.725

1.12.VVA.LV



Point ID: 1.12.VVA.LV
Easting: 673696.597
Northing: 3394756.621
Orthometric Height: 141.785
Latitude: 30° 40' 23.23"
Longitude: -97° 11' 13.13"
Ellipsoid Height: 115.642

1.13.VVA.LV



Point ID: 1.13.VVA.LV
Easting: 672155.913
Northing: 3403701.74
Orthometric Height: 159.712
Latitude: 30° 45' 14.14"
Longitude: -97° 12' 05.05"
Ellipsoid Height: 133.479

1.14.VVA.LV



Point ID: 1.14.VVA.LV
Easting: 665120.237
Northing: 3406744.214
Orthometric Height: 167.107
Latitude: 30° 46' 56.56"
Longitude: -97° 16' 28.28"
Ellipsoid Height: 140.743

1.15.VVA.LV



Point ID: 1.15.VVA.LV
Easting: 675232.86
Northing: 3407939.325
Orthometric Height: 137.84
Latitude: 30° 47' 30.30"
Longitude: -97° 10' 07.07"
Ellipsoid Height: 111.598

1.16.VVA.LV



Point ID: 1.16.VVA.LV
Easting: 679485.486
Northing: 3416939.071
Orthometric Height: 157.866
Latitude: 30° 52' 20.20"
Longitude: -97° 07' 21.21"
Ellipsoid Height: 131.617

1.2.VVA.LV



Point ID: 1.2.VVA.LV
Easting: 705037.565
Northing: 3399679.075
Orthometric Height: 151.359
Latitude: 30° 42' 44.44"
Longitude: -96° 51' 32.32"
Ellipsoid Height: 125.29

1.20.VVA.LV



Point ID: 1.20.VVA.LV
Easting: 692904.863
Northing: 3403738.034
Orthometric Height: 129.35
Latitude: 30° 45' 03.03"
Longitude: -96° 59' 05.05"
Ellipsoid Height: 103.315

1.4.VVA.LV



Point ID: 1.4.VVA.LV
Easting: 694461.218
Northing: 3386249.118
Orthometric Height: 136.916
Latitude: 30° 35' 35.35"
Longitude: -96° 58' 18.18"
Ellipsoid Height: 110.847

1.5.VVA.LV



Point ID: 1.5.VVA.LV
Easting: 697003.778
Northing: 3383331.769
Orthometric Height: 129.176
Latitude: 30° 33' 59.59"
Longitude: -96° 56' 45.45"
Ellipsoid Height: 103.066

1.6.VVA.LV



Point ID: 1.6.VVA.LV
Easting: 690630.698
Northing: 3388951.141
Orthometric Height: 144.64
Latitude: 30° 37' 05.05"
Longitude: -97° 00' 40.40"
Ellipsoid Height: 118.603

1.7.VVA.LV



Point ID: 1.7.VVA.LV
Easting: 684484.963
Northing: 3383782.822
Orthometric Height: 147.015
Latitude: 30° 34' 20.20"
Longitude: -97° 04' 34.34"
Ellipsoid Height: 120.994

1.9.VVA.LV



Point ID: 1.9.VVA.LV
Easting: 683114.179
Northing: 3390688.466
Orthometric Height: 136.724
Latitude: 30° 38' 05.05"
Longitude: -97° 05' 22.22"
Ellipsoid Height: 110.682

1A.11.VVA.LV



Point ID: 1A.11.VVA.LV
Easting: 749848.625
Northing: 3334632.538
Orthometric Height: 111.61
Latitude: 30° 07' 03.03"
Longitude: -96° 24' 25.25"
Ellipsoid Height: 84.326

1A.14.VVA.LV



Point ID: 1A.14.VVA.LV
Easting: 722634.182
Northing: 3346746.175
Orthometric Height: 102.973
Latitude: 30° 13' 55.55"
Longitude: -96° 41' 12.12"
Ellipsoid Height: 76.075

1A.15.VVA.LV



Point ID: 1A.15.VVA.LV
Easting: 719931.151
Northing: 3349962.457
Orthometric Height: 92.742
Latitude: 30° 15' 41.41"
Longitude: -96° 42' 50.50"
Ellipsoid Height: 65.917

1A.17.VVA.LV



Point ID: 1A.17.VVA.LV
Easting: 714857.378
Northing: 3345598.156
Orthometric Height: 102.824
Latitude: 30° 13' 23.23"
Longitude: -96° 46' 03.03"
Ellipsoid Height: 76.037

1A.18.VVA.LV



Point ID: 1A.18.VVA.LV
Easting: 716572.464
Northing: 3343450.545
Orthometric Height: 101.863
Latitude: 30° 12' 12.12"
Longitude: -96° 45' 01.01"
Ellipsoid Height: 75.029

1A.18.VVA.LV2



Point ID: 1A.18.VVA.LV2
Easting: 716573.328
Northing: 3343448.461
Orthometric Height: 102.477
Latitude: 30° 12' 12.12"
Longitude: -96° 45' 01.01"
Ellipsoid Height: 75.643

1A.2.VVA.LV



Point ID: 1A.2.VVA.LV
Easting: 750220.589
Northing: 3338704.046
Orthometric Height: 106.339
Latitude: 30° 09' 15.15"
Longitude: -96° 24' 07.07"
Ellipsoid Height: 79.068

1A.21.VVA.LV



Point ID: 1A.21.VVA.LV
Easting: 700018.614
Northing: 3340744.976
Orthometric Height: 150.52
Latitude: 30° 10' 54.54"
Longitude: -96° 55' 21.21"
Ellipsoid Height: 123.969

1A.22.VVA.LV



Point ID: 1A.22.VVA.LV
Easting: 701688.324
Northing: 3343369.252
Orthometric Height: 126.779
Latitude: 30° 12' 18.18"
Longitude: -96° 54' 17.17"
Ellipsoid Height: 100.216

1A.23.VVA.LV



Point ID: 1A.23.VVA.LV
Easting: 704367.869
Northing: 3346156.553
Orthometric Height: 102.445
Latitude: 30° 13' 47.47"
Longitude: -96° 52' 35.35"
Ellipsoid Height: 75.856

1A.28.VVA.LV



Point ID: 1A.28.VVA.LV
Easting: 706230.591
Northing: 3363088.193
Orthometric Height: 126.729
Latitude: 30° 22' 56.56"
Longitude: -96° 51' 13.13"
Ellipsoid Height: 100.298

1A.29.VVA.LV



Point ID: 1A.29.VVA.LV
Easting: 701843.199
Northing: 3359062.048
Orthometric Height: 98.71
Latitude: 30° 20' 48.48"
Longitude: -96° 54' 00.00"
Ellipsoid Height: 72.296

1A.3.VVA.LV



Point ID: 1A.3.VVA.LV
Easting: 749451.044
Northing: 3340160.958
Orthometric Height: 90.379
Latitude: 30° 10' 02.02"
Longitude: -96° 24' 35.35"
Ellipsoid Height: 63.121

1A.31.VVA.LV



Point ID: 1A.31.VVA.LV
Easting: 695852.793
Northing: 3352455.688
Orthometric Height: 110.769
Latitude: 30° 17' 17.17"
Longitude: -96° 57' 49.49"
Ellipsoid Height: 84.388

1A.32.VVA.LV



Point ID: 1A.32.VVA.LV
Easting: 692998.725
Northing: 3348008.408
Orthometric Height: 129.984
Latitude: 30° 14' 54.54"
Longitude: -96° 59' 39.39"
Ellipsoid Height: 103.616

1A.33.VVA.LV



Point ID: 1A.33.VVA.LV
Easting: 691351.719
Northing: 3350373.009
Orthometric Height: 146.288
Latitude: 30° 16' 12.12"
Longitude: -97° 00' 39.39"
Ellipsoid Height: 119.968

1A.34.VVA.LV



Point ID: 1A.34.VVA.LV
Easting: 687023.202
Northing: 3355101.321
Orthometric Height: 124.947
Latitude: 30° 18' 48.48"
Longitude: -97° 03' 18.18"
Ellipsoid Height: 98.732

1A.35.VVA.LV



Point ID: 1A.35.VVA.LV
Easting: 684469.83
Northing: 3360364.569
Orthometric Height: 126.751
Latitude: 30° 21' 40.40"
Longitude: -97° 04' 50.50"
Ellipsoid Height: 100.613

1A.36.VVA.LV



Point ID: 1A.36.VVA.LV
Easting: 691075.702
Northing: 3367093.852
Orthometric Height: 137.396
Latitude: 30° 25' 15.15"
Longitude: -97° 00' 38.38"
Ellipsoid Height: 111.232

1A.37.VVA.LV



Point ID: 1A.37.VVA.LV
Easting: 694172.175
Northing: 3360035.279
Orthometric Height: 106.686
Latitude: 30° 21' 24.24"
Longitude: -96° 58' 47.47"
Ellipsoid Height: 80.402

1A.38.VVA.LV



Point ID: 1A.38.VVA.LV
Easting: 687378.683
Northing: 3365723.999
Orthometric Height: 124.478
Latitude: 30° 24' 32.32"
Longitude: -97° 02' 58.58"
Ellipsoid Height: 98.346

1A.4.VVA.LV



Point ID: 1A.4.VVA.LV
Easting: 745065.591
Northing: 3340849.072
Orthometric Height: 117.443
Latitude: 30° 10' 28.28"
Longitude: -96° 27' 18.18"
Ellipsoid Height: 90.234

1A.5.VVA.LV



Point ID: 1A.5.VVA.LV
Easting: 740137.538
Northing: 3342346.841
Orthometric Height: 109.07
Latitude: 30° 11' 20.20"
Longitude: -96° 30' 21.21"
Ellipsoid Height: 81.924

1A.7.VVA.LV



Point ID: 1A.7.VVA.LV
Easting: 732924.277
Northing: 3341779.177
Orthometric Height: 138.355
Latitude: 30° 11' 07.07"
Longitude: -96° 34' 51.51"
Ellipsoid Height: 111.293

1A.8.VVA.LV



Point ID: 1A.8.VVA.LV
Easting: 731035.746
Northing: 3340825.016
Orthometric Height: 135.079
Latitude: 30° 10' 37.37"
Longitude: -96° 36' 02.02"
Ellipsoid Height: 108.034

1A.9.VVA.LV



Point ID: 1A.9.VVA.LV
Easting: 729058.782
Northing: 3344471.701
Orthometric Height: 135.433
Latitude: 30° 12' 37.37"
Longitude: -96° 37' 13.13"
Ellipsoid Height: 108.44

1A.VVA.LV



Point ID: 1A.VVA.LV
Easting: 751237.632
Northing: 3340494.886
Orthometric Height: 92.732
Latitude: 30° 10' 12.12"
Longitude: -96° 23' 28.28"
Ellipsoid Height: 65.457

2.1.VVA.LV



Point ID: 2.1.VVA.LV
Easting: 758784.546
Northing: 3452923.097
Orthometric Height: 105.295
Latitude: 31° 10' 54.54"
Longitude: -96° 17' 04.04"
Ellipsoid Height: 79.287

2.11.VVA.LV



Point ID: 2.11.VVA.LV
Easting: 799236.932
Northing: 3498775.198
Orthometric Height: 82.287
Latitude: 31° 35' 07.07"
Longitude: -95° 50' 49.49"
Ellipsoid Height: 56.037

2.12.VVA.LV



Point ID: 2.12.VVA.LV
Easting: 802695.682
Northing: 3494834.234
Orthometric Height: 91.784
Latitude: 31° 32' 56.56"
Longitude: -95° 48' 42.42"
Ellipsoid Height: 65.418

2.13.VVA.LV



Point ID: 2.13.VVA.LV
Easting: 808016.921
Northing: 3486688.906
Orthometric Height: 69.433
Latitude: 31° 28' 26.26"
Longitude: -95° 45' 29.29"
Ellipsoid Height: 42.886

2.15.VVA.LV



Point ID: 2.15.VVA.LV
Easting: 811871.835
Northing: 3474367.459
Orthometric Height: 82.578
Latitude: 31° 21' 43.43"
Longitude: -95° 43' 18.18"
Ellipsoid Height: 55.887

2.16.VVA.LV



Point ID: 2.16.VVA.LV
Easting: 814278.586
Northing: 3471492.378
Orthometric Height: 59.009
Latitude: 31° 20' 08.08"
Longitude: -95° 41' 50.50"
Ellipsoid Height: 32.276

2.2.VVA.LV



Point ID: 2.2.VVA.LV
Easting: 759741.572
Northing: 3455391.523
Orthometric Height: 119.606
Latitude: 31° 12' 14.14"
Longitude: -96° 16' 26.26"
Ellipsoid Height: 93.617

2.3.VVA.LV



Point ID: 2.3.VVA.LV
Easting: 761173.539
Northing: 3459541.23
Orthometric Height: 122.629
Latitude: 31° 14' 27.27"
Longitude: -96° 15' 28.28"
Ellipsoid Height: 96.672

2.4.VVA.LV



Point ID: 2.4.VVA.LV
Easting: 765809.047
Northing: 3468392.814
Orthometric Height: 138.595
Latitude: 31° 19' 11.11"
Longitude: -96° 12' 25.25"
Ellipsoid Height: 112.67

2.50.VVA.LV



Point ID: 2.50.VVA.LV
Easting: 814278.438
Northing: 3471491.66
Orthometric Height: 59.011
Latitude: 31° 20' 08.08"
Longitude: -95° 41' 50.50"
Ellipsoid Height: 32.278

2.55.VVA.LV



Point ID: 2.55.VVA.LV
Easting: 773961.79
Northing: 3449932.964
Orthometric Height: 141.058
Latitude: 31° 09' 05.05"
Longitude: -96° 07' 35.35"
Ellipsoid Height: 114.799

2.56.VVA.LV



Point ID: 2.56.VVA.LV
Easting: 782054.543
Northing: 3447837.986
Orthometric Height: 125.802
Latitude: 31° 07' 50.50"
Longitude: -96° 02' 31.31"
Ellipsoid Height: 99.374

2.57.VVA.LV



Point ID: 2.57.VVA.LV
Easting: 788907.082
Northing: 3450705.148
Orthometric Height: 103.656
Latitude: 31° 09' 17.17"
Longitude: -95° 58' 10.10"
Ellipsoid Height: 77.128

2.59.VVA.LV



Point ID: 2.59.VVA.LV
Easting: 798308.721
Northing: 3451577.755
Orthometric Height: 62.089
Latitude: 31° 09' 37.37"
Longitude: -95° 52' 15.15"
Ellipsoid Height: 35.429

2.60.VVA.LV



Point ID: 2.60.VVA.LV
Easting: 802205.244
Northing: 3447143.181
Orthometric Height: 88.35
Latitude: 31° 07' 09.09"
Longitude: -95° 49' 52.52"
Ellipsoid Height: 61.629

2.61.VVA.LV



Point ID: 2.61.VVA.LV
Easting: 807015.865
Northing: 3438178.017
Orthometric Height: 82.58
Latitude: 31° 02' 14.14"
Longitude: -95° 47' 01.01"
Ellipsoid Height: 55.778

2.62.VVA.LV



Point ID: 2.62.VVA.LV
Easting: 810024.277
Northing: 3436845.81
Orthometric Height: 75.627
Latitude: 31° 01' 28.28"
Longitude: -95° 45' 09.09"
Ellipsoid Height: 48.791

2.63.VVA.LV



Point ID: 2.63.VVA.LV
Easting: 815430.144
Northing: 3428636.877
Orthometric Height: 64.36
Latitude: 30° 56' 57.57"
Longitude: -95° 41' 55.55"
Ellipsoid Height: 37.415

2.64.VVA.LV



Point ID: 2.64.VVA.LV
Easting: 808502.554
Northing: 3428461.124
Orthometric Height: 80.735
Latitude: 30° 56' 58.58"
Longitude: -95° 46' 16.16"
Ellipsoid Height: 53.854

2.66.VVA.LV



Point ID: 2.66.VVA.LV
Easting: 795419.575
Northing: 3428368.692
Orthometric Height: 86.018
Latitude: 30° 57' 07.07"
Longitude: -95° 54' 28.28"
Ellipsoid Height: 59.264

2.67.VVA.LV



Point ID: 2.67.VVA.LV
Easting: 787600.161
Northing: 3423695.357
Orthometric Height: 91.722
Latitude: 30° 54' 42.42"
Longitude: -95° 59' 27.27"
Ellipsoid Height: 65.02

2.68.VVA.LV



Point ID: 2.68.VVA.LV
Easting: 776382.934
Northing: 3423669.16
Orthometric Height: 100.986
Latitude: 30° 54' 51.51"
Longitude: -96° 06' 29.29"
Ellipsoid Height: 74.434

2.70.VVA.LV



Point ID: 2.70.VVA.LV
Easting: 775495.608
Northing: 3436203.464
Orthometric Height: 111.624
Latitude: 31° 01' 38.38"
Longitude: -96° 06' 50.50"
Ellipsoid Height: 85.198

2.8.VVA.LV



Point ID: 2.8.VVA.LV
Easting: 780026.696
Northing: 3484965.313
Orthometric Height: 116.499
Latitude: 31° 27' 56.56"
Longitude: -96° 03' 11.11"
Ellipsoid Height: 90.466

3.10.VVA.LV



Point ID: 3.10.VVA.LV
Easting: 789149.834
Northing: 3361723.982
Orthometric Height: 75.661
Latitude: 30° 21' 10.10"
Longitude: -95° 59' 31.31"
Ellipsoid Height: 48.284

3.13.VVA.LV



Point ID: 3.13.VVA.LV
Easting: 789255.457
Northing: 3376606.194
Orthometric Height: 105.821
Latitude: 30° 29' 13.13"
Longitude: -95° 59' 12.12"
Ellipsoid Height: 78.59

3.15.VVA.LV



Point ID: 3.15.VVA.LV
Easting: 798412.086
Northing: 3378239.453
Orthometric Height: 102.948
Latitude: 30° 29' 58.58"
Longitude: -95° 53' 28.28"
Ellipsoid Height: 75.677

3.16.VVA.LV



Point ID: 3.16.VVA.LV
Easting: 802971.526
Northing: 3382568.297
Orthometric Height: 97.06
Latitude: 30° 32' 14.14"
Longitude: -95° 50' 32.32"
Ellipsoid Height: 69.799

3.18.VVA.LV



Point ID: 3.18.VVA.LV
Easting: 797327.858
Northing: 3401030.048
Orthometric Height: 107.147
Latitude: 30° 42' 18.18"
Longitude: -95° 53' 45.45"
Ellipsoid Height: 80.122

3.2.VVA.LV



Point ID: 3.2.VVA.LV
Easting: 777937.502
Northing: 3398699.553
Orthometric Height: 94.326
Latitude: 30° 41' 19.19"
Longitude: -96° 05' 55.55"
Ellipsoid Height: 67.514

3.20.VVA.LV



Point ID: 3.20.VVA.LV
Easting: 790484.383
Northing: 3400913.832
Orthometric Height: 100.718
Latitude: 30° 42' 20.20"
Longitude: -95° 58' 02.02"
Ellipsoid Height: 73.777

3.22.VVA.LV



Point ID: 3.22.VVA.LV
Easting: 784979.909
Northing: 3401859.039
Orthometric Height: 102.712
Latitude: 30° 42' 56.56"
Longitude: -96° 01' 27.27"
Ellipsoid Height: 75.856

3.3.VVA.LV



Point ID: 3.3.VVA.LV
Easting: 778339.203
Northing: 3392039.56
Orthometric Height: 91.206
Latitude: 30° 37' 43.43"
Longitude: -96° 05' 46.46"
Ellipsoid Height: 64.289

3.4.VVA.LV



Point ID: 3.4.VVA.LV
Easting: 780840.197
Northing: 3387164.263
Orthometric Height: 64.587
Latitude: 30° 35' 03.03"
Longitude: -96° 04' 17.17"
Ellipsoid Height: 37.565

3.5.VVA.LV



Point ID: 3.5.VVA.LV
Easting: 778720.757
Northing: 3379998.974
Orthometric Height: 64.568
Latitude: 30° 31' 12.12"
Longitude: -96° 05' 44.44"
Ellipsoid Height: 37.459

3.7.VVA.LV



Point ID: 3.7.VVA.LV
Easting: 780413.412
Northing: 3366856.731
Orthometric Height: 71.206
Latitude: 30° 24' 04.04"
Longitude: -96° 04' 53.53"
Ellipsoid Height: 43.912

3.8.VVA.LV



Point ID: 3.8.VVA.LV
Easting: 783816.734
Northing: 3359353.18
Orthometric Height: 63.96
Latitude: 30° 19' 58.58"
Longitude: -96° 02' 53.53"
Ellipsoid Height: 36.578

3.9.VVA.LV



Point ID: 3.9.VVA.LV
Easting: 785390.451
Northing: 3352834.074
Orthometric Height: 76.052
Latitude: 30° 16' 25.25"
Longitude: -96° 02' 00.00"
Ellipsoid Height: 48.612

5.10.VVA.LV



Point ID: 5.10.VVA.LV
Easting: 994703.135
Northing: 3481211.042
Orthometric Height: 84.67
Latitude: 31° 21' 36.36"
Longitude: -93° 48' 06.06"
Ellipsoid Height: 57.294

5.11.VVA.LV



Point ID: 5.11.VVA.LV
Easting: 992134.121
Northing: 3480248.75
Orthometric Height: 93.772
Latitude: 31° 21' 09.09"
Longitude: -93° 49' 45.45"
Ellipsoid Height: 66.368

5.12.VVA.LV



Point ID: 5.12.VVA.LV
Easting: 990351.941
Northing: 3479060.024
Orthometric Height: 88.31
Latitude: 31° 20' 33.33"
Longitude: -93° 50' 54.54"
Ellipsoid Height: 60.877

5.13.VVA.LV



Point ID: 5.13.VVA.LV
Easting: 990653.175
Northing: 3476653.223
Orthometric Height: 79.178
Latitude: 31° 19' 15.15"
Longitude: -93° 50' 47.47"
Ellipsoid Height: 51.7

5.14.VVA.LV



Point ID: 5.14.VVA.LV
Easting: 991342.629
Northing: 3472142.739
Orthometric Height: 96.353
Latitude: 31° 16' 48.48"
Longitude: -93° 50' 29.29"
Ellipsoid Height: 68.807

5.15.VVA.LV



Point ID: 5.15.VVA.LV
Easting: 992981.467
Northing: 3469931.191
Orthometric Height: 88.709
Latitude: 31° 15' 34.34"
Longitude: -93° 49' 31.31"
Ellipsoid Height: 61.135

5.16.VVA.LV



Point ID: 5.16.VVA.LV
Easting: 997013.84
Northing: 3469258.712
Orthometric Height: 73.2
Latitude: 31° 15' 06.06"
Longitude: -93° 47' 00.00"
Ellipsoid Height: 45.637

5.19.VVA.LV



Point ID: 5.19.VVA.LV
Easting: 973465.73
Northing: 3542026.685
Orthometric Height: 67.222
Latitude: 31° 54' 56.56"
Longitude: -93° 59' 41.41"
Ellipsoid Height: 41.314

5.29.VVA.LV



Point ID: 5.29.VVA.LV
Easting: 972493.964
Northing: 3544062.889
Orthometric Height: 78.023
Latitude: 31° 56' 03.03"
Longitude: -94° 00' 15.15"
Ellipsoid Height: 52.117

5.3.VVA.LV



Point ID: 5.3.VVA.LV
Easting: 990618.729
Northing: 3491562.518
Orthometric Height: 125.79
Latitude: 31° 27' 17.17"
Longitude: -93° 50' 22.22"
Ellipsoid Height: 98.643

5.30.VVA.LV



Point ID: 5.30.VVA.LV
Easting: 971051.472
Northing: 3548478.093
Orthometric Height: 60.024
Latitude: 31° 58' 28.28"
Longitude: -94° 01' 02.02"
Ellipsoid Height: 34.106

5.4.VVA.LV



Point ID: 5.4.VVA.LV
Easting: 990100.17
Northing: 3489227.368
Orthometric Height: 102.45
Latitude: 31° 26' 03.03"
Longitude: -93° 50' 45.45"
Ellipsoid Height: 75.242

5.5.VVA.LV



Point ID: 5.5.VVA.LV
Easting: 990903.265
Northing: 3489159.346
Orthometric Height: 93.967
Latitude: 31° 25' 59.59"
Longitude: -93° 50' 15.15"
Ellipsoid Height: 66.758

5.50.VVA.LV



Point ID: 5.50.VVA.LV
Easting: 999693.377
Northing: 3440086.091
Orthometric Height: 79.747
Latitude: 30° 59' 18.18"
Longitude: -93° 46' 11.11"
Ellipsoid Height: 52.143

5.52.VVA.LV



Point ID: 5.52.VVA.LV
Easting: 1013358.46
Northing: 3445015.698
Orthometric Height: 82.364
Latitude: 31° 01' 37.37"
Longitude: -93° 37' 29.29"
Ellipsoid Height: 54.969

5.54.VVA.LV



Point ID: 5.54.VVA.LV
Easting: 1015273.115
Northing: 3437875.674
Orthometric Height: 35.469
Latitude: 30° 57' 43.43"
Longitude: -93° 36' 30.30"
Ellipsoid Height: 8.143

5.7.VVA.LV



Point ID: 5.7.VVA.LV
Easting: 996414.847
Northing: 3487513.352
Orthometric Height: 53.849
Latitude: 31° 24' 58.58"
Longitude: -93° 46' 50.50"
Ellipsoid Height: 26.605

5.8.VVA.LV



Point ID: 5.8.VVA.LV
Easting: 996362.315
Northing: 3485340.208
Orthometric Height: 72.042
Latitude: 31° 23' 47.47"
Longitude: -93° 46' 56.56"
Ellipsoid Height: 44.752

5.81.VVA.LV



Point ID: 5.81.VVA.LV
Easting: 981670.158
Northing: 3529557.086
Orthometric Height: 84.975
Latitude: 31° 48' 00.00"
Longitude: -93° 54' 52.52"
Ellipsoid Height: 58.869

5.85.VVA.LV



Point ID: 5.85.VVA.LV
Easting: 974496.068
Northing: 3539691.611
Orthometric Height: 61.421
Latitude: 31° 53' 39.39"
Longitude: -93° 59' 06.06"
Ellipsoid Height: 35.5

5.9.VVA.LV



Point ID: 5.9.VVA.LV
Easting: 995815.12
Northing: 3483278.614
Orthometric Height: 78.12
Latitude: 31° 22' 42.42"
Longitude: -93° 47' 20.20"
Ellipsoid Height: 50.787

6.01.VVA.LV



Point ID: 6.01.VVA.LV
Easting: 1002362.96
Northing: 3459651.65
Orthometric Height: 125.726
Latitude: 31° 09' 47.47"
Longitude: -93° 43' 56.56"
Ellipsoid Height: 98.146

6.02.VVA.LV



Point ID: 6.02.VVA.LV
Easting: 1001485.334
Northing: 3457820.719
Orthometric Height: 117.792
Latitude: 31° 08' 49.49"
Longitude: -93° 44' 32.32"
Ellipsoid Height: 90.197

6.1.VVA.LV



Point ID: 6.1.VVA.LV
Easting: 990301.567
Northing: 3495992.185
Orthometric Height: 70.504
Latitude: 31° 29' 41.41"
Longitude: -93° 50' 26.26"
Ellipsoid Height: 43.457

6.10.VVA.LV



Point ID: 6.10.VVA.LV
Easting: 1008123.809
Northing: 3437022.385
Orthometric Height: 57.135
Latitude: 30° 57' 26.26"
Longitude: -93° 41' 00.00"
Ellipsoid Height: 29.699

6.12.VVA.LV



Point ID: 6.12.VVA.LV
Easting: 1004484.129
Northing: 3432866.526
Orthometric Height: 104.494
Latitude: 30° 55' 18.18"
Longitude: -93° 43' 24.24"
Ellipsoid Height: 77.029

6.13.VVA.LV



Point ID: 6.13.VVA.LV
Easting: 1005925.255
Northing: 3430450.562
Orthometric Height: 90.144
Latitude: 30° 53' 57.57"
Longitude: -93° 42' 35.35"
Ellipsoid Height: 62.72

6.15.VVA.LV



Point ID: 6.15.VVA.LV
Easting: 1001336.71
Northing: 3424524.405
Orthometric Height: 55.813
Latitude: 30° 50' 53.53"
Longitude: -93° 45' 37.37"
Ellipsoid Height: 28.346

6.16.VVA.LV



Point ID: 6.16.VVA.LV
Easting: 1003210.488
Northing: 3421977.392
Orthometric Height: 60.596
Latitude: 30° 49' 27.27"
Longitude: -93° 44' 31.31"
Ellipsoid Height: 33.165

6.19.VVA.LV



Point ID: 6.19.VVA.LV
Easting: 1007812.31
Northing: 3417002.009
Orthometric Height: 41.841
Latitude: 30° 46' 39.39"
Longitude: -93° 41' 48.48"
Ellipsoid Height: 14.479

6.21.VVA.LV



Point ID: 6.21.VVA.LV
Easting: 1007691.5
Northing: 3412678.906
Orthometric Height: 33.491
Latitude: 30° 44' 20.20"
Longitude: -93° 42' 00.00"
Ellipsoid Height: 6.13

6.22.VVA.LV



Point ID: 6.22.VVA.LV
Easting: 1005416.977
Northing: 3411362.08
Orthometric Height: 34.842
Latitude: 30° 43' 41.41"
Longitude: -93° 43' 28.28"
Ellipsoid Height: 7.46

6.3.VVA.LV



Point ID: 6.3.VVA.LV
Easting: 1002984.503
Northing: 3452090.474
Orthometric Height: 135.354
Latitude: 31° 05' 42.42"
Longitude: -93° 43' 46.46"
Ellipsoid Height: 107.783

6.4.VVA.LV



Point ID: 6.4.VVA.LV
Easting: 1004623.343
Northing: 3449574.036
Orthometric Height: 117.018
Latitude: 31° 04' 18.18"
Longitude: -93° 42' 49.49"
Ellipsoid Height: 89.469

6.5.VVA.LV



Point ID: 6.5.VVA.LV
Easting: 1004901.548
Northing: 3447303.167
Orthometric Height: 99.035
Latitude: 31° 03' 04.04"
Longitude: -93° 42' 43.43"
Ellipsoid Height: 71.491

6.7.VVA.LV



Point ID: 6.7.VVA.LV
Easting: 1006425.771
Northing: 3442800.256
Orthometric Height: 58.891
Latitude: 31° 00' 36.36"
Longitude: -93° 41' 54.54"
Ellipsoid Height: 31.386

6.8.VVA.LV



Point ID: 6.8.VVA.LV
Easting: 1009146.298
Northing: 3441637.017
Orthometric Height: 57.553
Latitude: 30° 59' 54.54"
Longitude: -93° 40' 14.14"
Ellipsoid Height: 30.1

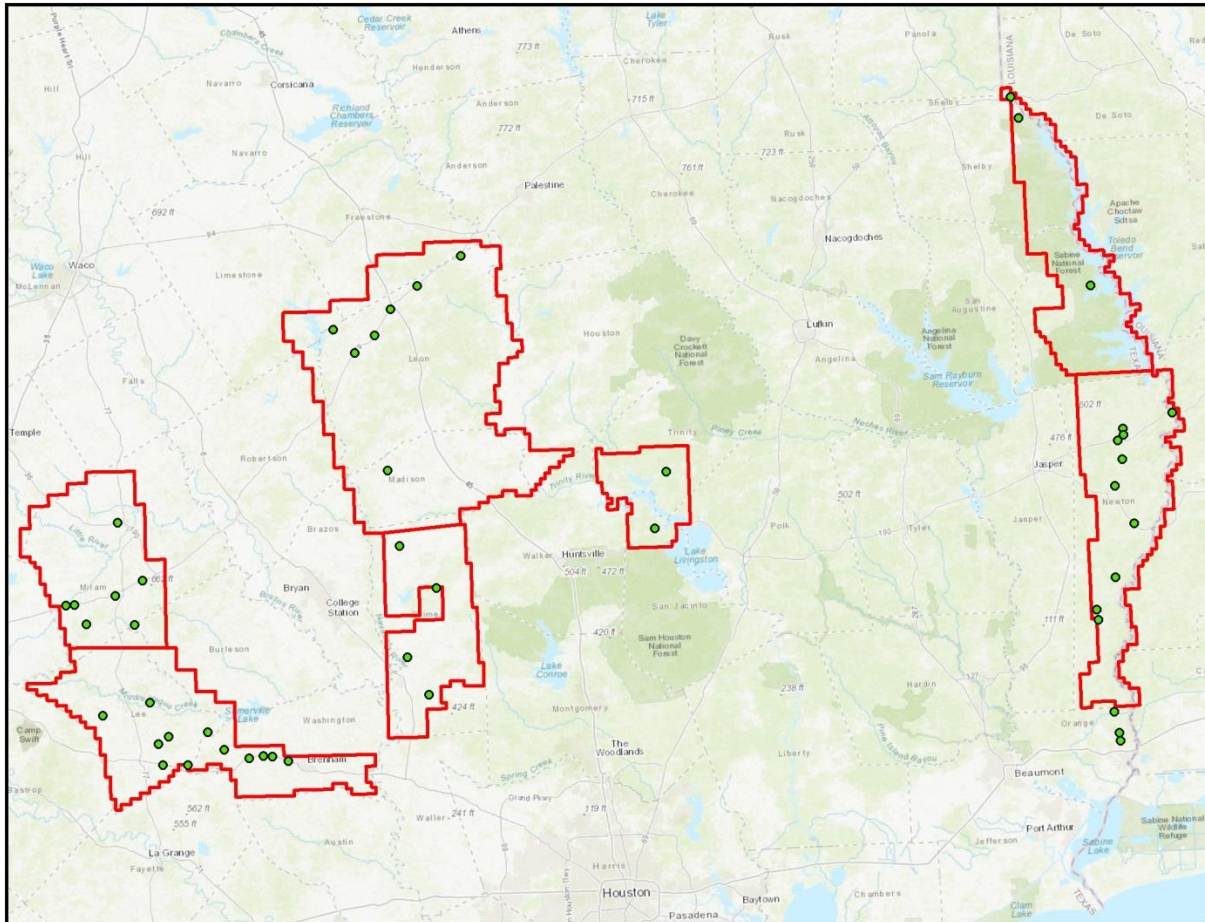
6.9.VVA.LV



Point ID: 6.9.VVA.LV
Easting: 1008963.714
Northing: 3439291.073
Orthometric Height: 54.648
Latitude: 30° 58' 38.38"
Longitude: -93° 40' 25.25"
Ellipsoid Height: 27.209

Vegetated Vertical Accuracy Checkpoints Medium Vegetation

The Map shows the overall distribution of the Vegetated Vertical Accuracy Checkpoint, Medium Vegetation throughout the AOI. The following tables contain a list of the control using Easting, Northing, and Orthometric height. The coordinate system displayed is UTM Zone 14 North, North American Datum 1983 (2011), North American Vertical Datum of 1988, GEOID12B and using Meters for measurement.



Medium Vegetation Table

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.11.VVA.MV	859744.475	3413606.045	53.117
04.25.VVA.MV	863271.151	3431422.613	79.916
06.25.VVA.MV	1003667.003	3356277.015	7.319
06.27.VVA.MV	1005110.332	3349736.423	4.818
06.28.VVA.MV	1005620.299	3347191.958	3.149
06.33.VVA.MV	998564.244	3385059.364	14.499
06.34.VVA.MV	998078.933	3388329.666	16.019
06.39.VVA.MV	1003932.997	3398357.013	17.291
1.1.VVA.MV	691004.479	3392448.193	139.118
1.10.VVA.MV	678162.758	3389691.293	134.906
1.11.VVA.MV	675541.471	3389484.733	126.508
1.17.VVA.MV	691628.382	3415480.024	127.805
1.3.VVA.MV	699463.128	3397255.926	131.869
1.5.VVA.MV	697067.804	3383388.869	131.627
1.8.VVA.MV	681974.966	3383632.837	161.921
1A.14.VVA.MV	724983.316	3344412.310	112.231
1A.15.VVA.MV	719860.539	3349980.575	94.247
1A.19.VVA.MV	713627.666	3339579.259	111.950
1A.20.VVA.MV	705796.808	3339679.288	141.194
1A.23.VVA.MV	704375.023	3346137.979	103.130
1A.24.VVA.MV	707650.533	3348565.234	115.838
1A.29.VVA.MV	701865.217	3359063.066	98.449
1A.34.VVA.MV	687032.019	3355088.249	125.031
1A.4.VVA.MV	745041.674	3340868.040	115.802
1A.5.VVA.MV	740096.585	3342342.639	107.578
1A.6.VVA.MV	737277.021	3342536.348	117.720
1A.6.VVA.MV2	737277.015	3342536.337	117.722
1A.7.VVA.MV	732929.991	3341749.272	137.686
2.11.VVA.MV	799164.765	3498794.180	83.111
2.4.VVA.MV	765881.374	3468464.576	136.450
2.5.VVA.MV	759226.258	3475757.484	128.064
2.6.VVA.MV	772127.888	3473976.214	150.120
2.69.VVA.MV	776108.927	3431838.897	112.264
2.7.VVA.MV	777082.307	3482097.308	117.955
2.9.VVA.MV	785352.233	3489429.829	86.000
3.1.VVA.MV	779964.857	3408187.808	101.304
3.10.VVA.MV	789144.580	3361709.853	75.519
3.21.VVA.MV	791363.218	3395031.315	102.117

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.11.VVA.MV	859744.475	3413606.045	53.117
04.25.VVA.MV	863271.151	3431422.613	79.916
06.25.VVA.MV	1003667.003	3356277.015	7.319
06.27.VVA.MV	1005110.332	3349736.423	4.818
06.28.VVA.MV	1005620.299	3347191.958	3.149
06.33.VVA.MV	998564.244	3385059.364	14.499
06.34.VVA.MV	998078.933	3388329.666	16.019
06.39.VVA.MV	1003932.997	3398357.013	17.291
1.1.VVA.MV	691004.479	3392448.193	139.118
1.10.VVA.MV	678162.758	3389691.293	134.906
1.11.VVA.MV	675541.471	3389484.733	126.508
1.17.VVA.MV	691628.382	3415480.024	127.805
1.3.VVA.MV	699463.128	3397255.926	131.869
1.5.VVA.MV	697067.804	3383388.869	131.627
1.8.VVA.MV	681974.966	3383632.837	161.921
1A.14.VVA.MV	724983.316	3344412.310	112.231
1A.15.VVA.MV	719860.539	3349980.575	94.247
1A.19.VVA.MV	713627.666	3339579.259	111.950
1A.20.VVA.MV	705796.808	3339679.288	141.194
1A.23.VVA.MV	704375.023	3346137.979	103.130
1A.24.VVA.MV	707650.533	3348565.234	115.838
1A.29.VVA.MV	701865.217	3359063.066	98.449
1A.34.VVA.MV	687032.019	3355088.249	125.031
1A.4.VVA.MV	745041.674	3340868.040	115.802
1A.5.VVA.MV	740096.585	3342342.639	107.578
1A.6.VVA.MV	737277.021	3342536.348	117.720
1A.6.VVA.MV2	737277.015	3342536.337	117.722
1A.7.VVA.MV	732929.991	3341749.272	137.686
2.11.VVA.MV	799164.765	3498794.180	83.111
2.4.VVA.MV	765881.374	3468464.576	136.450
2.5.VVA.MV	759226.258	3475757.484	128.064
2.6.VVA.MV	772127.888	3473976.214	150.120
2.69.VVA.MV	776108.927	3431838.897	112.264
2.7.VVA.MV	777082.307	3482097.308	117.955
2.9.VVA.MV	785352.233	3489429.829	86.000
3.1.VVA.MV	779964.857	3408187.808	101.304
3.10.VVA.MV	789144.580	3361709.853	75.519
3.6.VVA.MV	782432.368	3373391.843	90.483
5.19.VVA.MV	973512.975	3542036.030	68.348
5.30.VVA.MV	971077.112	3548484.773	60.384

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.11.VVA.MV	859744.475	3413606.045	53.117
04.25.VVA.MV	863271.151	3431422.613	79.916
06.25.VVA.MV	1003667.003	3356277.015	7.319
06.27.VVA.MV	1005110.332	3349736.423	4.818
06.28.VVA.MV	1005620.299	3347191.958	3.149
06.33.VVA.MV	998564.244	3385059.364	14.499
06.34.VVA.MV	998078.933	3388329.666	16.019
06.39.VVA.MV	1003932.997	3398357.013	17.291
1.1.VVA.MV	691004.479	3392448.193	139.118
1.10.VVA.MV	678162.758	3389691.293	134.906
1.11.VVA.MV	675541.471	3389484.733	126.508
1.17.VVA.MV	691628.382	3415480.024	127.805
1.3.VVA.MV	699463.128	3397255.926	131.869
1.5.VVA.MV	697067.804	3383388.869	131.627
1.8.VVA.MV	681974.966	3383632.837	161.921
1A.14.VVA.MV	724983.316	3344412.310	112.231
1A.15.VVA.MV	719860.539	3349980.575	94.247
1A.19.VVA.MV	713627.666	3339579.259	111.950
1A.20.VVA.MV	705796.808	3339679.288	141.194
1A.23.VVA.MV	704375.023	3346137.979	103.130
1A.24.VVA.MV	707650.533	3348565.234	115.838
1A.29.VVA.MV	701865.217	3359063.066	98.449
1A.34.VVA.MV	687032.019	3355088.249	125.031
1A.4.VVA.MV	745041.674	3340868.040	115.802
1A.5.VVA.MV	740096.585	3342342.639	107.578
1A.6.VVA.MV	737277.021	3342536.348	117.720
1A.6.VVA.MV2	737277.015	3342536.337	117.722
1A.7.VVA.MV	732929.991	3341749.272	137.686
2.11.VVA.MV	799164.765	3498794.180	83.111
2.4.VVA.MV	765881.374	3468464.576	136.450
2.5.VVA.MV	759226.258	3475757.484	128.064
2.6.VVA.MV	772127.888	3473976.214	150.120
2.69.VVA.MV	776108.927	3431838.897	112.264
2.7.VVA.MV	777082.307	3482097.308	117.955
2.9.VVA.MV	785352.233	3489429.829	86.000
3.1.VVA.MV	779964.857	3408187.808	101.304
3.10.VVA.MV	789144.580	3361709.853	75.519
5.51.VVA.MV	1004639.117	3441120.156	64.994
5.53.VVA.MV	1021704.097	3449783.998	31.471
5.6.VVA.MV	996085.877	3489635.413	63.378

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.11.VVA.MV	859744.475	3413606.045	53.117
04.25.VVA.MV	863271.151	3431422.613	79.916
06.25.VVA.MV	1003667.003	3356277.015	7.319
06.27.VVA.MV	1005110.332	3349736.423	4.818
06.28.VVA.MV	1005620.299	3347191.958	3.149
06.33.VVA.MV	998564.244	3385059.364	14.499
06.34.VVA.MV	998078.933	3388329.666	16.019
06.39.VVA.MV	1003932.997	3398357.013	17.291
1.1.VVA.MV	691004.479	3392448.193	139.118
1.10.VVA.MV	678162.758	3389691.293	134.906
1.11.VVA.MV	675541.471	3389484.733	126.508
1.17.VVA.MV	691628.382	3415480.024	127.805
1.3.VVA.MV	699463.128	3397255.926	131.869
1.5.VVA.MV	697067.804	3383388.869	131.627
1.8.VVA.MV	681974.966	3383632.837	161.921
1A.14.VVA.MV	724983.316	3344412.310	112.231
1A.15.VVA.MV	719860.539	3349980.575	94.247
1A.19.VVA.MV	713627.666	3339579.259	111.950
1A.20.VVA.MV	705796.808	3339679.288	141.194
1A.23.VVA.MV	704375.023	3346137.979	103.130
1A.24.VVA.MV	707650.533	3348565.234	115.838
1A.29.VVA.MV	701865.217	3359063.066	98.449
1A.34.VVA.MV	687032.019	3355088.249	125.031
1A.4.VVA.MV	745041.674	3340868.040	115.802
1A.5.VVA.MV	740096.585	3342342.639	107.578
1A.6.VVA.MV	737277.021	3342536.348	117.720
1A.6.VVA.MV2	737277.015	3342536.337	117.722
1A.7.VVA.MV	732929.991	3341749.272	137.686
2.11.VVA.MV	799164.765	3498794.180	83.111
2.4.VVA.MV	765881.374	3468464.576	136.450
2.5.VVA.MV	759226.258	3475757.484	128.064
2.6.VVA.MV	772127.888	3473976.214	150.120
2.69.VVA.MV	776108.927	3431838.897	112.264
2.7.VVA.MV	777082.307	3482097.308	117.955
2.9.VVA.MV	785352.233	3489429.829	86.000
3.1.VVA.MV	779964.857	3408187.808	101.304
3.10.VVA.MV	789144.580	3361709.853	75.519
6.11.VVA.MV	1006008.314	3435255.627	90.996
6.14.VVA.MV	1003749.995	3426909.372	76.061
6.20.VVA.MV	1009797.617	3415309.126	30.859

POINT ID	EASTING (Meters)	NORTHING (Meters)	ORTHO HEIGHT (Meters)
04.11.VVA.MV	859744.475	3413606.045	53.117
04.25.VVA.MV	863271.151	3431422.613	79.916
06.25.VVA.MV	1003667.003	3356277.015	7.319
06.27.VVA.MV	1005110.332	3349736.423	4.818
06.28.VVA.MV	1005620.299	3347191.958	3.149
06.33.VVA.MV	998564.244	3385059.364	14.499
06.34.VVA.MV	998078.933	3388329.666	16.019
06.39.VVA.MV	1003932.997	3398357.013	17.291
1.1.VVA.MV	691004.479	3392448.193	139.118
1.10.VVA.MV	678162.758	3389691.293	134.906
1.11.VVA.MV	675541.471	3389484.733	126.508
1.17.VVA.MV	691628.382	3415480.024	127.805
1.3.VVA.MV	699463.128	3397255.926	131.869
1.5.VVA.MV	697067.804	3383388.869	131.627
1.8.VVA.MV	681974.966	3383632.837	161.921
1A.14.VVA.MV	724983.316	3344412.310	112.231
1A.15.VVA.MV	719860.539	3349980.575	94.247
1A.19.VVA.MV	713627.666	3339579.259	111.950
1A.20.VVA.MV	705796.808	3339679.288	141.194
1A.23.VVA.MV	704375.023	3346137.979	103.130
1A.24.VVA.MV	707650.533	3348565.234	115.838
1A.29.VVA.MV	701865.217	3359063.066	98.449
1A.34.VVA.MV	687032.019	3355088.249	125.031
1A.4.VVA.MV	745041.674	3340868.040	115.802
1A.5.VVA.MV	740096.585	3342342.639	107.578
1A.6.VVA.MV	737277.021	3342536.348	117.720
1A.6.VVA.MV2	737277.015	3342536.337	117.722
1A.7.VVA.MV	732929.991	3341749.272	137.686
2.11.VVA.MV	799164.765	3498794.180	83.111
2.4.VVA.MV	765881.374	3468464.576	136.450
2.5.VVA.MV	759226.258	3475757.484	128.064
2.6.VVA.MV	772127.888	3473976.214	150.120
2.69.VVA.MV	776108.927	3431838.897	112.264
2.7.VVA.MV	777082.307	3482097.308	117.955
2.9.VVA.MV	785352.233	3489429.829	86.000
3.1.VVA.MV	779964.857	3408187.808	101.304
3.10.VVA.MV	789144.580	3361709.853	75.519
6.6.VVA.MV	1006248.817	3444909.807	70.174
6.7.VVA.MV	1006385.332	3442862.590	61.672

04.11.VVA.MV



Point ID: 04.11.VVA.MV
Easting: 859744.475
Northing: 3413606.045
Orthometric Height: 53.117
Latitude: 30° 48' 04.04"
Longitude: -95° 14' 27.27"
Ellipsoid Height: 25.935

04.25.VVA.MV



Point ID: 04.25.VVA.MV
Easting: 863271.151
Northing: 3431422.613
Orthometric Height: 79.916
Latitude: 30° 57' 38.38"
Longitude: -95° 11' 52.52"
Ellipsoid Height: 52.736

06.25.VVA.MV



Point ID: 06.25.VVA.MV
Easting: 1003667.003
Northing: 3356277.015
Orthometric Height: 7.319
Latitude: 30° 14' 01.01"
Longitude: -93° 46' 09.09"
Ellipsoid Height: -20.056

06.27.VVA.MV



Point ID: 06.27.VVA.MV
Easting: 1005110.332
Northing: 3349736.423
Orthometric Height: 4.818
Latitude: 30° 10' 28.28"
Longitude: -93° 45' 26.26"
Ellipsoid Height: -22.508

06.28.VVA.MV



Point ID: 06.28.VVA.MV
Easting: 1005620.299
Northing: 3347191.958
Orthometric Height: 3.149
Latitude: 30° 09' 04.04"
Longitude: -93° 45' 12.12"
Ellipsoid Height: -24.157

06.33.VVA.MV



Point ID: 06.33.VVA.MV
Easting: 998564.244
Northing: 3385059.364
Orthometric Height: 14.499
Latitude: 30° 29' 40.40"
Longitude: -93° 48' 30.30"
Ellipsoid Height: -12.92

06.34.VVA.MV



Point ID: 06.34.VVA.MV
Easting: 998078.933
Northing: 3388329.666
Orthometric Height: 16.019
Latitude: 30° 31' 27.27"
Longitude: -93° 48' 42.42"
Ellipsoid Height: -11.402

06.39.VVA.MV



Point ID: 06.39.VVA.MV
Easting: 1003932.997
Northing: 3398357.013
Orthometric Height: 17.291
Latitude: 30° 36' 42.42"
Longitude: -93° 44' 46.46"
Ellipsoid Height: -10.098

1.1.VVA.MV



Point ID: 1.1.VVA.MV
Easting: 691004.479
Northing: 3392448.193
Orthometric Height: 139.118
Latitude: 30° 38' 58.58"
Longitude: -97° 00' 24.24"
Ellipsoid Height: 113.086

1.10.VVA.MV



Point ID: 1.10.VVA.MV
Easting: 678162.758
Northing: 3389691.293
Orthometric Height: 134.906
Latitude: 30° 37' 36.36"
Longitude: -97° 08' 28.28"
Ellipsoid Height: 108.841

1.11.VVA.MV



Point ID: 1.11.VVA.MV
Easting: 675541.471
Northing: 3389484.733
Orthometric Height: 126.508
Latitude: 30° 37' 30.30"
Longitude: -97° 10' 07.07"
Ellipsoid Height: 100.424

1.17.VVA.MV



Point ID: 1.17.VVA.MV
Easting: 691628.382
Northing: 3415480.024
Orthometric Height: 127.805
Latitude: 30° 51' 25.25"
Longitude: -96° 59' 45.45"
Ellipsoid Height: 101.762

1.3.VVA.MV



Point ID: 1.3.VVA.MV
Easting: 699463.128
Northing: 3397255.926
Orthometric Height: 131.869
Latitude: 30° 41' 29.29"
Longitude: -96° 55' 03.03"
Ellipsoid Height: 105.824

1.5.VVA.MV



Point ID: 1.5.VVA.MV
Easting: 697067.804
Northing: 3383388.869
Orthometric Height: 131.627
Latitude: 30° 34' 00.00"
Longitude: -96° 56' 43.43"
Ellipsoid Height: 105.517

1.8.VVA.MV



Point ID: 1.8.VVA.MV
Easting: 681974.966
Northing: 3383632.837
Orthometric Height: 161.921
Latitude: 30° 34' 17.17"
Longitude: -97° 06' 09.09"
Ellipsoid Height: 135.906

1A.14.VVA.MV



Point ID: 1A.14.VVA.MV
Easting: 724983.316
Northing: 3344412.31
Orthometric Height: 112.231
Latitude: 30° 12' 38.38"
Longitude: -96° 39' 46.46"
Ellipsoid Height: 85.285

1A.15.VVA.MV



Point ID: 1A.15.VVA.MV
Easting: 719860.539
Northing: 3349980.575
Orthometric Height: 94.247
Latitude: 30° 15' 42.42"
Longitude: -96° 42' 53.53"
Ellipsoid Height: 67.423

1A.19.VVA.MV



Point ID: 1A.19.VVA.MV
Easting: 713627.666
Northing: 3339579.259
Orthometric Height: 111.95
Latitude: 30° 10' 08.08"
Longitude: -96° 46' 54.54"
Ellipsoid Height: 85.136

1A.20.VVA.MV



Point ID: 1A.20.VVA.MV
Easting: 705796.808
Northing: 3339679.288
Orthometric Height: 141.194
Latitude: 30° 10' 16.16"
Longitude: -96° 51' 46.46"
Ellipsoid Height: 114.525

1A.23.VVA.MV



Point ID: 1A.23.VVA.MV
Easting: 704375.023
Northing: 3346137.979
Orthometric Height: 103.13
Latitude: 30° 13' 47.47"
Longitude: -96° 52' 35.35"
Ellipsoid Height: 76.541

1A.24.VVA.MV



Point ID: 1A.24.VVA.MV
Easting: 707650.533
Northing: 3348565.234
Orthometric Height: 115.838
Latitude: 30° 15' 03.03"
Longitude: -96° 50' 31.31"
Ellipsoid Height: 89.215

1A.29.VVA.MV



Point ID: 1A.29.VVA.MV
Easting: 701865.217
Northing: 3359063.066
Orthometric Height: 98.449
Latitude: 30° 20' 48.48"
Longitude: -96° 54' 00.00"
Ellipsoid Height: 72.035

1A.34.VVA.MV



Point ID: 1A.34.VVA.MV
Easting: 687032.019
Northing: 3355088.249
Orthometric Height: 125.031
Latitude: 30° 18' 47.47"
Longitude: -97° 03' 17.17"
Ellipsoid Height: 98.816

1A.4.VVA.MV



Point ID: 1A.4.VVA.MV
Easting: 745041.674
Northing: 3340868.04
Orthometric Height: 115.802
Latitude: 30° 10' 29.29"
Longitude: -96° 27' 19.19"
Ellipsoid Height: 88.593

1A.5.VVA.MV



Point ID: 1A.5.VVA.MV
Easting: 740096.585
Northing: 3342342.639
Orthometric Height: 107.578
Latitude: 30° 11' 20.20"
Longitude: -96° 30' 23.23"
Ellipsoid Height: 80.432

1A.6.VVA.MV2



Point ID: 1A.6.VVA.MV2
Easting: 737277.015
Northing: 3342536.337
Orthometric Height: 117.722
Latitude: 30° 11' 28.28"
Longitude: -96° 32' 08.08"
Ellipsoid Height: 90.611

1A.7.VVA.MV



Point ID: 1A.7.VVA.MV
Easting: 732929.991
Northing: 3341749.272
Orthometric Height: 137.686
Latitude: 30° 11' 06.06"
Longitude: -96° 34' 51.51"
Ellipsoid Height: 110.623

2.11.VVA.MV



Point ID: 2.11.VVA.MV
Easting: 799164.765
Northing: 3498794.18
Orthometric Height: 83.111
Latitude: 31° 35' 07.07"
Longitude: -95° 50' 51.51"
Ellipsoid Height: 56.863

2.4.VVA.MV



Point ID: 2.4.VVA.MV
Easting: 765881.374
Northing: 3468464.576
Orthometric Height: 136.45
Latitude: 31° 19' 13.13"
Longitude: -96° 12' 22.22"
Ellipsoid Height: 110.525

2.5.VVA.MV



Point ID: 2.5.VVA.MV
Easting: 759226.258
Northing: 3475757.484
Orthometric Height: 128.064
Latitude: 31° 23' 15.15"
Longitude: -96° 16' 26.26"
Ellipsoid Height: 102.363

2.6.VVA.MV



Point ID: 2.6.VVA.MV
Easting: 772127.888
Northing: 3473976.214
Orthometric Height: 150.12
Latitude: 31° 22' 06.06"
Longitude: -96° 08' 20.20"
Ellipsoid Height: 124.129

2.69.VVA.MV



Point ID: 2.69.VVA.MV
Easting: 776108.927
Northing: 3431838.897
Orthometric Height: 112.264
Latitude: 30° 59' 16.16"
Longitude: -96° 06' 31.31"
Ellipsoid Height: 85.785

2.7.VVA.MV



Point ID: 2.7.VVA.MV
Easting: 777082.307
Northing: 3482097.308
Orthometric Height: 117.955
Latitude: 31° 26' 26.26"
Longitude: -96° 05' 05.05"
Ellipsoid Height: 91.955

2.9.VVA.MV



Point ID: 2.9.VVA.MV
Easting: 785352.233
Northing: 3489429.829
Orthometric Height: 86
Latitude: 31° 30' 16.16"
Longitude: -95° 59' 44.44"
Ellipsoid Height: 59.9

3.1.VVA.MV



Point ID: 3.1.VVA.MV
Easting: 779964.857
Northing: 3408187.808
Orthometric Height: 101.304
Latitude: 30° 46' 26.26"
Longitude: -96° 04' 30.30"
Ellipsoid Height: 74.579

3.10.VVA.MV



Point ID: 3.10.VVA.MV
Easting: 789144.58
Northing: 3361709.853
Orthometric Height: 75.519
Latitude: 30° 21' 10.10"
Longitude: -95° 59' 31.31"
Ellipsoid Height: 48.142

3.21.VVA.MV



Point ID: 3.21.VVA.MV
Easting: 791363.218
Northing: 3395031.315
Orthometric Height: 102.117
Latitude: 30° 39' 09.09"
Longitude: -95° 57' 35.35"
Ellipsoid Height: 75.094

3.6.VVA.MV



Point ID: 3.6.VVA.MV
Easting: 782432.368
Northing: 3373391.843
Orthometric Height: 90.483
Latitude: 30° 27' 35.35"
Longitude: -96° 03' 31.31"
Ellipsoid Height: 63.249

5.19.VVA.MV



Point ID: 5.19.VVA.MV
Easting: 973512.975
Northing: 3542036.03
Orthometric Height: 68.348
Latitude: 31° 54' 56.56"
Longitude: -93° 59' 40.40"
Ellipsoid Height: 42.441

5.30.VVA.MV



Point ID: 5.30.VVA.MV
Easting: 971077.112
Northing: 3548484.773
Orthometric Height: 60.384
Latitude: 31° 58' 29.29"
Longitude: -94° 01' 01.01"
Ellipsoid Height: 34.466

5.51.VVA.MV



Point ID: 5.51.VVA.MV
Easting: 1004639.117
Northing: 3441120.156
Orthometric Height: 64.994
Latitude: 30° 59' 44.44"
Longitude: -93° 43' 04.04"
Ellipsoid Height: 37.467

5.53.VVA.MV



Point ID: 5.53.VVA.MV
Easting: 1021704.097
Northing: 3449783.998
Orthometric Height: 31.471
Latitude: 31° 03' 58.58"
Longitude: -93° 32' 07.07"
Ellipsoid Height: 4.23

5.6.VVA.MV



Point ID: 5.6.VVA.MV
Easting: 996085.877
Northing: 3489635.413
Orthometric Height: 63.378
Latitude: 31° 26' 07.07"
Longitude: -93° 46' 59.59"
Ellipsoid Height: 36.183

6.11.VVA.MV



Point ID: 6.11.VVA.MV
Easting: 1006008.314
Northing: 3435255.627
Orthometric Height: 90.996
Latitude: 30° 56' 33.33"
Longitude: -93° 42' 23.23"
Ellipsoid Height: 63.538

6.14.VVA.MV



Point ID: 6.14.VVA.MV
Easting: 1003749.995
Northing: 3426909.372
Orthometric Height: 76.061
Latitude: 30° 52' 06.06"
Longitude: -93° 44' 02.02"
Ellipsoid Height: 48.62

6.20.VVA.MV



Point ID: 6.20.VVA.MV
Easting: 1009797.617
Northing: 3415309.126
Orthometric Height: 30.859
Latitude: 30° 45' 42.42"
Longitude: -93° 40' 36.36"
Ellipsoid Height: 3.52

6.6.VVA.MV



Point ID: 6.6.VVA.MV
Easting: 1006248.817
Northing: 3444909.807
Orthometric Height: 70.174
Latitude: 31° 01' 44.44"
Longitude: -93° 41' 57.57"
Ellipsoid Height: 42.657

6.7.VVA.MV



Point ID: 6.7.VVA.MV
Easting: 1006385.332
Northing: 3442862.59
Orthometric Height: 61.672
Latitude: 31° 00' 38.38"
Longitude: -93° 41' 55.55"
Ellipsoid Height: 34.166