

SRWMD North Central FL LiDAR Survey Report

USGS Contract: G10PC00093
Task Order Number: G15PD00207



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Overview

Digital Aerial Solutions, LLC (DAS) with contract number G10PC00093 was contracted by the United States Geological Survey (USGS) under task order number G15PD00207 to collect a high resolution LiDAR data set covering 1626 square miles affecting Gilchrist, Levy, Madison, Taylor, Lafayette, Hamilton, Columbia, Baker, Union, Alachua, Jefferson and Dixie Counties in Florida. In accordance with section C.1.e(i)(c) of the task order, the spatial reference system used was Florida State Plane North (FIPS 903), Horizontal datum NAD83 HARN 2007, Vertical datum NAVD88 and units of measure in U.S. Survey Feet.

Section C.1.b.(vii) of the task order outlines the ground control minimum requirements and specifications for this LiDAR project. 52 Supplemental ground control points were used to supplement and support the airborne GPS solution and positional accuracy. DAS also collected above the minimum number of Non-Vegetated Vertical Accuracy and Vegetated Vertical Accuracy Quality Checkpoints stated in the task order, which serve as an independent delivery to the client and are not incorporated into the vertical solution.

QUALITY CHECK POINT CONTROL

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. The horizontal datum was the North American Datum of 1983 (NAD83) and High Accuracy Reference Network HARN 2007. The vertical datum was the North American Vertical Datum of 1988 (NAVD88). Data is referenced to NAD83, State Plane Zone Florida North (FIPS 903) and NAVD88. The equipotential surface model of Geoid12b was applied to the ellipsoid height to produce an Orthometric height for all observations. All units for Northing, Easting, and height are in US survey feet.

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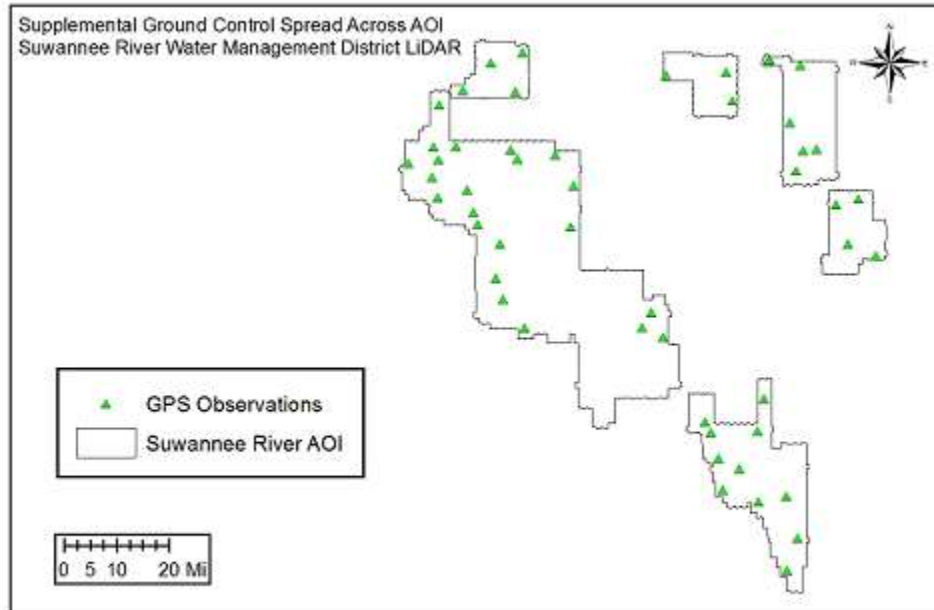
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Glossary of Terms

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 spread of the supplemental ground control throughout the AOI. The following 2 tables contain a list of the control using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



Point ID	Easting(ft)	Northing(ft)	Ortho(ft)
1.CTRL.01	2217207.514	543400.377	83.125
1.CTRL.02	2211532.929	500577.791	77.315
1.CTRL.03	2210153.169	470511.248	52.592
1.CTRL.07	2215346.846	449947.954	44.100
1.CTRL.08	2256005.863	423363.996	48.830
1.CTRL.09	2245417.635	457718.031	82.131
1.CTRL.11	2216438.735	488373.739	78.065
1.CTRL.12	2288830.110	497892.405	113.298
1.CTRL.14	2334399.970	492791.766	96.428
1.CTRL.15	2352628.790	462074.420	81.850
1.CTRL.18	2350025.598	420676.599	82.422

1.CTRL.41	2251432.972	435343.617	61.640
1.CTRL.88	2234005.769	501247.862	89.641
1.CTRL.99	2296154.625	489131.900	100.872
1.CTRL.171	2278106.616	403349.043	61.504
1B.CTRL.02	2301315.503	595942.772	128.238
1B.CTRL.03	2293632.197	556402.881	103.173
1B.CTRL.04	2241291.911	558171.844	105.039
1B.CTRL.44	2268875.803	585354.721	155.099
02.CTRL.01	2445562.822	573682.886	107.264
2.CTRL.03	2506368.777	576664.612	128.349
02.CTRL.05	2512582.234	547360.373	127.814
3.CTRL.04	2570728.953	525317.515	127.403
3.CTRL.09	2584381.870	497601.030	121.946
3.CTRL.10	2597840.292	498495.567	131.831
3.CTRL.81	2577094.841	476771.327	140.778
3.CTRL.NE	2581017.675	583474.165	123.932
4.CTRL.01	2549861.234	588836.690	121.231
4.CTRL.02	2549953.574	588870.573	122.853
4.CTRL.03	2549809.565	588792.672	121.390
4.CTRL.06	2629727.074	403604.555	153.682
4.CTRL.22	2640270.312	448321.541	166.271
4.CTRL.92	2617698.907	443115.256	166.453
4.CTRL.97	2657927.862	391576.745	145.065
5.CTRL.02	2485634.557	224344.071	45.025
5.CTRL.03	2490941.243	213619.472	47.121
5.CTRL.04	2498504.942	187068.473	46.453
5.CTRL.05	2538592.987	214760.778	69.078
5.CTRL.07	2520212.119	176870.972	44.567
5.CTRL.08	2502675.586	155586.899	33.605
5.CTRL.09	2567416.825	148859.383	75.267
5.CTRL.11	2568087.576	73992.659	44.645
5.CTRL.12	2578382.567	106787.099	71.978
5.CTRL.13	2538873.449	143768.640	40.957
05.CTRL.14	2544680.877	247220.921	82.699
6.CTRL.01	2443210.910	309442.408	61.912
6.CTRL.02	2421597.852	319451.064	65.310
6.CTRL.03	2430588.203	334433.154	64.967
7.CTRL.04	2281244.264	347382.434	47.540
7.CTRL.06	2274462.700	368999.660	51.111
7.CTRL.51	2198434.928	435592.500	37.104
7.CTRL.0102	2303162.942	318341.348	36.289

1.CTRL.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.01	2217207.514	543400.377	-7.856	83.125

Point ID	LATITUDE	LONGITUDE
1.CTRL.01	30° 29' 30.55699" N	83° 42' 37.34957" W

1.CTRL.18.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.18	2350025.598	420676.599	-9.211	82.422

Point ID	LATITUDE	LONGITUDE
1.CTRL.18	30° 09' 04.30075" N	83° 17' 34.22445" W

1.CTRL.2.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.02	2211532.929	500577.791	-13.341	77.315

Point ID	LATITUDE	LONGITUDE
1.CTRL.02	30° 22' 27.07908" N	83° 43' 45.51473" W

1.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.03	2210153.169	470511.248	-37.933	52.592

Point ID	LATITUDE	LONGITUDE
1.CTRL.03	30° 17' 29.56268" N	83° 44' 03.57073" W

1.CTRL.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.11	2216438.735	488373.739	-12.532	78.065

Point ID	LATITUDE	LONGITUDE
1.CTRL.11	30° 20' 25.94858" N	83° 42' 50.47179" W

1.CTRL.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.12	2288830.11	497892.405	22.016	113.298

Point ID	LATITUDE	LONGITUDE
1.CTRL.12	30° 21' 54.50467" N	83° 29' 03.39747" W

1.CTRL.14



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.14	2334399.97	492791.766	4.64	96.428

Point ID	LATITUDE	LONGITUDE
1.CTRL.14	30° 20' 59.71442" N	83° 20' 23.83868" W

1.CTRL.15



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.15	2352628.79	462074.42	-9.912	81.85

Point ID	LATITUDE	LONGITUDE
1.CTRL.15	30° 15' 53.79146" N	83° 16' 59.54278" W

1.CTRL.171



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.171	2278106.616	403349.043	-29.647	61.504

Point ID	LATITUDE	LONGITUDE
1.CTRL.171	30° 06' 19.61044" N	83° 31' 15.06913" W

1.CTRL.41.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.41	2251432.972	435343.617	-29.196	61.640

Point ID	LATITUDE	LONGITUDE
1.CTRL.41	30° 11' 38.48054" N	83° 36' 15.87939" W

1.CTRL.5.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTR.05	2185911.325	484586.397	-38.249	52.282

Point ID	LATITUDE	LONGITUDE
1.CTR.05	30° 19' 50.41493" N	83° 48' 39.10908" W

1.CTRL.7.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.07	2215346.846	449947.954	-46.431	44.100

Point ID	LATITUDE	LONGITUDE
1.CTRL.07	30° 14' 05.66898" N	83° 43' 05.93870" W

1.CTRL.8.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.08	2256005.863	423363.996	-42.105	48.830

Point ID	LATITUDE	LONGITUDE
1.CTRL.08	30° 09' 39.54169" N	83° 35' 24.86113" W

1.CTRL.88.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.88	2234005.769	501247.862	-1.091	89.641

Point ID	LATITUDE	LONGITUDE
1.CTRL.88	30° 22' 32.13843" N	83° 39' 28.91525" W

1.CTRL.9.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.09	2245417.635	457718.031	-8.584	82.131

Point ID	LATITUDE	LONGITUDE
1.CTRL.09	30° 15' 20.41545" N	83° 37' 22.46221" W

1.CTRL.99.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.CTRL.99	2296154.625	489131.900	9.523	100.872

Point ID	LATITUDE	LONGITUDE
1.CTRL.99	30° 20' 27.13906" N	83° 27' 40.70292" W

1B.CTRL.2.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.CTRL.02	2301315.503	595942.772	36.466	128.238

Point ID	LATITUDE	LONGITUDE
1B.CTRL.02	30° 38' 03.85913" N	83° 26' 30.49570" W

1B.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.CTRL.03	2293632.197	556402.881	11.559	103.173

Point ID	LATITUDE	LONGITUDE
1B.CTRL.03	30° 31' 33.20866" N	83° 28' 02.53512" W

1B.CTRL.4.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.CTRL.04	2241291.911	558171.844	13.822	105.039

Point ID	LATITUDE	LONGITUDE
1B.CTRL.03	30° 31' 33.20866" N	83° 28' 02.53512" W

1B.CTRL.44.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.CTRL.44	2268875.803	585354.721	63.525	155.099

Point ID	LATITUDE	LONGITUDE
1B.CTRL.44	30° 36' 21.89865" N	83° 32' 42.80663" W

2.CTRL.1.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.CTRL.01	2445562.822	573682.886	15.092	107.264

Point ID	LATITUDE	LONGITUDE
02.CTRL.01	30° 34' 07.43035" N	82° 59' 02.95093" W

2.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.CTRL.03	2506368.777	576664.612	36.069	128.349

Point ID	LATITUDE	LONGITUDE
2.CTRL.03	30° 34' 28.42878" N	82° 47' 26.98791" W

2.CTRL.5.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.CTRL.05	2512582.234	547360.373	35.423	127.814

Point ID	LATITUDE	LONGITUDE
02.CTRL.05	30° 29' 37.47908" N	82° 46' 20.99799" W

3.CTRL.10.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.CTRL.10	2597840.292	498495.567	39.193	131.831

Point ID	LATITUDE	LONGITUDE
3.CTRL.10	30° 21' 20.08471" N	82° 30' 16.43609" W

3.CTRL.4.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.CTRL.04	2570728.953	525317.515	34.838	127.403

Point ID	LATITUDE	LONGITUDE
3.CTRL.04	30° 25' 50.13776" N	82° 35' 20.70674" W

3.CTRL.81.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.CTRL.81	2577094.841	476771.327	48.285	140.778

Point ID	LATITUDE	LONGITUDE
3.CTRL.81	30° 17' 48.61125" N	82° 34' 17.38160" W

3.CTRL.9.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.CTRL.09	2584381.870	497601.030	29.380	121.946

Point ID	LATITUDE	LONGITUDE
3.CTRL.09	30° 21' 13.53791" N	82° 32' 50.20087" W

3.CTRL.NE.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.CTRL.NE	2581017.675	583474.165	31.298	123.932

Point ID	LATITUDE	LONGITUDE
3.CTRL.NE	30° 35' 23.97546" N	82° 33' 11.85911" W

4.CTRL.1.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.01	2549861.234	588836.690	28.800	121.231

Point ID	LATITUDE	LONGITUDE
4.CTRL.01	30° 36' 22.17750" N	82° 39' 07.27808" W

4.CTRL.2.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.02	2549953.574	588870.573	30.422	122.853

Point ID	LATITUDE	LONGITUDE
4.CTRL.02	30° 36' 22.49802" N	82° 39' 06.21530" W

4.CTRL.22.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.22	2640270.312	448321.541	73.535	166.271

Point ID	LATITUDE	LONGITUDE
4.CTRL.22	30° 12' 55.91873" N	82° 22' 22.91301" W

4.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.03	2549809.565	588792.672	28.959	121.390

Point ID	LATITUDE	LONGITUDE
4.CTRL.03	30° 36' 21.75017" N	82° 39' 07.87741" W

4.CTRL.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.06	2629727.074	403604.555	61.057	153.682

Point ID	LATITUDE	LONGITUDE
4.CTRL.06	30° 05' 35.27768" N	82° 24' 32.40821" W

4.CTRL.97.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.CTRL.97	2657927.862	391576.745	52.572	145.065

Point ID	LATITUDE	LONGITUDE
4.CTRL.97	30° 03' 31.00804" N	82° 19' 14.05635" W

5.CTRL.11.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.11	2568087.576	73992.659	-45.660	44.645

Point ID	LATITUDE	LONGITUDE
5.CTRL.11	29° 11' 23.52694" N	82° 37' 15.82697" W

5.CTRL.12.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.12	2578382.567	106787.099	-18.556	71.978

Point ID	LATITUDE	LONGITUDE
5.CTRL.12	29° 16' 46.41757" N	82° 35' 13.50031" W

5.CTRL.13.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.13	2538873.449	143768.640	-49.564	40.957

Point ID	LATITUDE	LONGITUDE
5.CTRL.13	29° 22' 58.80348" N	82° 42' 32.98403" W

5.CTRL.14.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
05.CTRL.14	2544680.877	247220.921	-8.676	82.699

Point ID	LATITUDE	LONGITUDE
05.CTRL.14	29° 40' 01.85923" N	82° 41' 08.74767" W

5.CTRL.2.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.02	2485634.557	224344.071	-46.123	45.025

Point ID	LATITUDE	LONGITUDE
5.CTRL.02	29° 36' 24.24343" N	82° 52' 21.66731" W

5.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.03	2490941.243	213619.472	-43.863	47.121

Point ID	LATITUDE	LONGITUDE
5.CTRL.03	29° 34' 37.33582" N	82° 51' 23.31027" W

5.CTRL.4.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.04	2498504.942	187068.473	-44.177	46.453

Point ID	LATITUDE	LONGITUDE
5.CTRL.04	29° 30' 13.44333" N	82° 50' 02.05654" W

5.CTRL.5.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.05	2538592.987	214760.778	-21.936	69.078

Point ID	LATITUDE	LONGITUDE
5.CTRL.05	29° 34' 41.52293" N	82° 42' 23.53237" W

5.CTRL.7.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.07	2520212.119	176870.972	-46.037	44.567

Point ID	LATITUDE	LONGITUDE
5.CTRL.07	29° 28' 29.30396" N	82° 45' 58.19337" W

5.CTRL.8.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.08	2502675.586	155586.899	-56.802	33.605

Point ID	LATITUDE	LONGITUDE
5.CTRL.08	29° 25' 01.23052" N	82° 49' 20.10728" W

5.CTRL.9.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.CTRL.09	2567416.825	148859.383	-15.475	75.267

Point ID	LATITUDE	LONGITUDE
5.CTRL.09	29° 23' 44.64152" N	82° 37' 09.46206" W

6.CTRL.1.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.CTRL.01	2443210.910	309442.408	-29.278	61.912

Point ID	LATITUDE	LONGITUDE
6.CTRL.01	29° 50' 32.32500" N	83° 00' 09.54411" W

6.CTRL.2.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.CTRL.02	2421597.852	319451.064	-25.914	65.310

Point ID	LATITUDE	LONGITUDE
6.CTRL.02	29° 52' 14.14031" N	83° 04' 13.51429" W

6.CTRL.3.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.CTRL.03	2430588.203	334433.154	-26.423	64.967

Point ID	LATITUDE	LONGITUDE
6.CTRL.03	29° 54' 41.31113" N	83° 02' 29.23211" W

7.CTRL.102.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.CTRL.0102	2303162.942	318341.348	-54.872	36.289

Point ID	LATITUDE	LONGITUDE
7.CTRL.0102	29° 52' 15.93435" N	83° 26' 38.77656" W

7.CTRL.4.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.CTRL.04	2281244.264	347382.434	-43.723	47.540

Point ID	LATITUDE	LONGITUDE
7.CTRL.04	29° 57' 05.34861" N	83° 30' 44.86702" W

7.CTRL.6.1



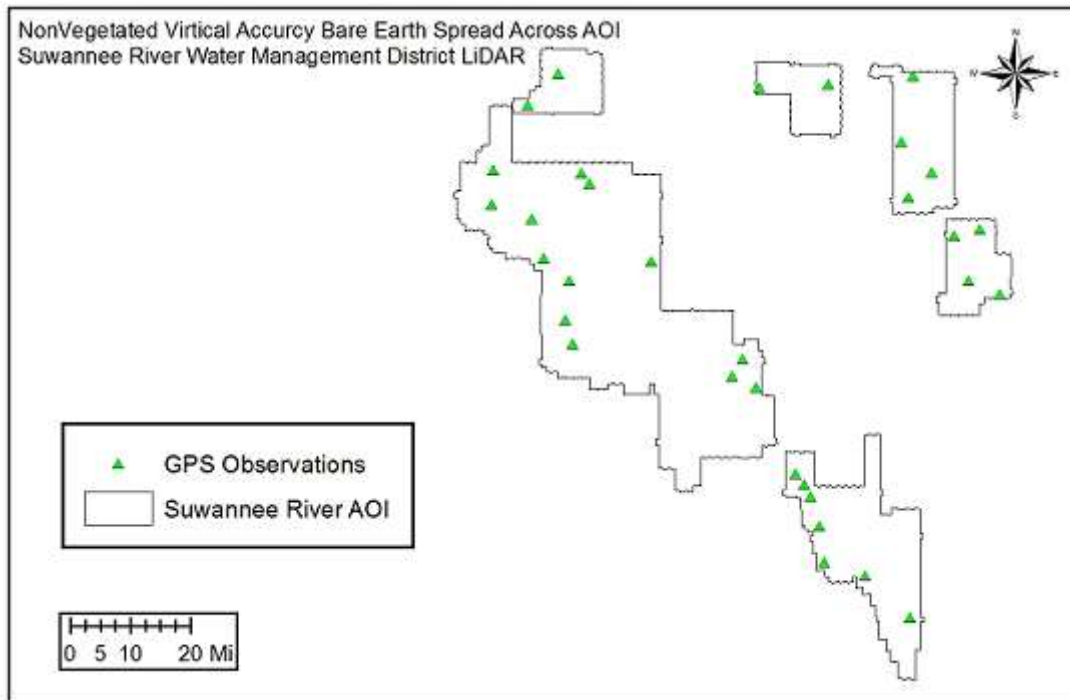
Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.CTRL.06	2274462.700	368999.660	-40.116	51.111

Point ID	LATITUDE	LONGITUDE
7.CTRL.06	30° 00' 39.90649" N	83° 31' 59.86952" W

Non-Vegetated Vertical Accuracy Checkpoints

Bare Earth

The Map shows the overall spread of the (bare earth) non-vegetated vertical accuracy checkpoints throughout the AOI. The following three tables contain a list of the non-vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.NVA.BG.08	2256057.306	423374.556	-41.995	48.94
1.NVA.BG.03	2210200.243	470427.39	-35.334	55.191
1.NVA.BG.171	2278149.095	403325.42	-29.384	61.768
1.NVA.BG.02	2211577.995	500635.245	-12.841	77.815

1.NVA.BG.09	2245404.096	457764.584	-8.58	82.135
1.NVA.BG.18	2350152.786	420651.083	-7.825	83.808
1.NVA.BG.99	2296203.871	489163.595	9.324	100.672
1.NVA.BG.12	2288854.795	498044.265	24.464	115.747
1B.CTRL.04	2241291.911	558171.844	13.822	105.039
1B.CTRL.44	2268875.803	585354.721	63.525	155.099
02.NVA.BG.01	2445639.461	573646.493	16.619	108.791
2.NVA.BG.03	2506403.768	576682.198	36.759	129.039
3.NVA.BG.81	2577085.58	476738.937	47.532	140.026
3.NVA.BG10	2597865.44	498524.071	39.021	131.658
4.NVA.BG.9798	2657945.343	391608.572	52.018	144.511
4.NVA.BG.06	2629786.803	403537.022	60.482	153.106
4.NVA.BG.02	2640231.039	448307.202	73.58	166.316
5.NVA.BG.08	2502654.571	155680.396	-56.099	34.308
5.NVA.BG.02	2477342.648	233563.292	-50.552	40.701
5.NVA.BG.13	2538889.55	143839.188	-49.908	40.614
5.NVA.BG.04	2498406.816	187120.919	-46.418	44.212
5.NVA.BG.002	2485626.968	224300.484	-46.109	45.035
5.NVA.BG.03	2490946.724	213576	-43.761	47.224
5.NVA.BG.12	2578179.592	106750.708	-16.595	73.936
5.NVA.BG.NE	2581045.766	583436.535	31.551	124.185
6.NVA.BG.01	2443238.294	309470.296	-29.898	61.293
6.NVA.BG.02	2421584.502	319435.855	-26.396	64.828

6.NVA.BG.03	2430583.128	334482.586	-26.273	65.118
7.NVA.BG.04	2281280.005	347384.832	-43.692	47.571
7.NVA.BG.06	2274530.807	369016.281	-40.591	50.636

1.NVA.BG.08



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.08	2256057.306	423374.556	-41.995	48.940

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.08	30° 09' 39.64215" N	83° 35' 24.27419" W

1.NVA.BG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.03	2210200.243	470427.39	-35.334	55.191

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.03	30° 17' 28.72949" N	83° 44' 03.04022" W

1.NVA.BG.171



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.171	2278149.095	403325.42	-29.384	61.768

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.171	30° 06' 19.37299" N	83° 31' 14.58783" W

1.NVA.BG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.02	2211577.995	500635.245	-12.841	77.815

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.02	30° 22' 27.64476" N	83° 43' 44.99583" W

1.NVA.BG.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.09	2245404.096	457764.584	-8.58	82.135

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.09	30° 15' 20.87729" N	83° 37' 22.61249" W

1.NVA.BG.18



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.18	2350152.786	420651.083	-7.825	83.808

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.18	30° 09' 04.03485" N	83° 17' 32.77889" W

1.NVA.BG.99



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.99	2296203.871	489163.595	9.324	100.672

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.99	30° 20' 27.44834" N	83° 27' 40.13765" W

1.NVA.BG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.BG.12	2288854.795	498044.265	24.464	115.747

Point ID	LATITUDE	LONGITUDE
1.NVA.BG.12	30° 21' 56.00562" N	83° 29' 03.10026" W

1B.NVA.BG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.BG.04	2241313.106	558126.7	14.429	105.646

Point ID	LATITUDE	LONGITUDE
1B.NVA.BG.04	30° 31' 54.58350" N	83° 38' 00.56103" W

1B.NVA.BG.44



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.BG.44	2268832.194	585318.439	60.229	151.804

Point ID	LATITUDE	LONGITUDE
1B.NVA.BG.44	30° 36' 21.54317" N	83° 32' 43.30910" W

2.NVA.BG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.NVA.BG.01	2445639.461	573646.493	16.619	108.791

Point ID	LATITUDE	LONGITUDE
02.NVA.BG.01	30° 34' 07.06008" N	82° 59' 02.07991" W

2.NVA.BG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.NVA.BG.03	2506403.768	576682.198	36.759	129.039

Point ID	LATITUDE	LONGITUDE
2.NVA.BG.03	30° 34' 28.59764" N	82° 47' 26.58467" W

3.NVA.BG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.BG.04	2570751.217	525313.591	34.314	126.88

Point ID	LATITUDE	LONGITUDE
3.NVA.BG.04	30° 25' 50.09522" N	82° 35' 20.45322" W

3.NVA.BG.81



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.BG.81	2577085.58	476738.937	47.532	140.026

Point ID	LATITUDE	LONGITUDE
3.NVA.BG.81	30° 17' 48.29223" N	82° 34' 17.49347" W

3.NVA.BG.10



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.BG10	2597865.44	498524.071	39.021	131.658

Point ID	LATITUDE	LONGITUDE
3.NVA.BG10	30° 21' 20.36246" N	82° 30' 16.14340" W

4.NVA.BG.9798



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.BG.9798	2657945.343	391608.572	52.018	144.511

Point ID	LATITUDE	LONGITUDE
4.NVA.BG.9798	30° 03' 31.31973" N	82° 19' 13.85053" W

4.NVA.BG.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.BG.06	2629786.803	403537.022	60.482	153.106

Point ID	LATITUDE	LONGITUDE
4.NVA.BG.06	30° 05' 34.59844" N	82° 24' 31.74248" W

4.NVA.BG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.BG.02	2640231.039	448307.202	73.58	166.316

Point ID	LATITUDE	LONGITUDE
4.NVA.BG.02	30° 12' 55.78407" N	82° 22' 23.36361" W

5.NVA.BG.08



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.08	2502654.571	155680.396	-56.099	34.308

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.08	29° 25' 02.15901" N	82° 49' 20.32930" W

5.NVA.BG.13



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.13	2538889.55	143839.188	-49.908	40.614

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.13	29° 22' 59.49925" N	82° 42' 32.78954" W

5.NVA.BG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.04	2498406.816	187120.919	-46.418	44.212

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.04	29° 30' 13.97663" N	82° 50' 03.15817" W

5.NVA.BG.002



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.002	2485626.968	224300.484	-46.109	45.035

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.002	29° 36' 23.81308" N	82° 52' 21.76032" W

5.NVA.BG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.02	2477342.648	233563.292	-50.552	40.701

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.02	29° 37' 56.65962" N	82° 53' 54.12231" W

5.NVA.BG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.03	2490946.724	213576	-43.761	47.224

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.03	29° 34' 36.90474" N	82° 51' 23.25530" W

5.NVA.BG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.12	2578179.592	106750.708	-16.595	73.936

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.12	29° 16' 46.09109" N	82° 35' 15.79866" W

5.NVA.BG.NE



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.BG.NE	2581045.766	583436.535	31.551	124.185

Point ID	LATITUDE	LONGITUDE
5.NVA.BG.NE	30° 35' 23.59830" N	82° 33' 11.54511" W

6.NVA.BG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.NVA.BG.01	2443238.294	309470.296	-29.898	61.293

Point ID	LATITUDE	LONGITUDE
6.NVA.BG.01	29° 50' 32.59749" N	83° 00' 09.22903" W

6.NVA.BG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.NVA.BG.02	2421584.502	319435.855	-26.396	64.828

Point ID	LATITUDE	LONGITUDE
6.NVA.BG.02	29° 52' 13.99143" N	83° 04' 13.66808" W

6.NVA.BG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.NVA.BG.03	2430583.128	334482.586	-26.273	65.118

Point ID	LATITUDE	LONGITUDE
6.NVA.BG.03	29° 54' 41.80105" N	83° 02' 29.28259" W

7.NVA.BG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.NVA.BG.04	2281280.005	347384.832	-43.692	47.571

Point ID	LATITUDE	LONGITUDE
7.NVA.BG.04	29° 57' 05.36928" N	83° 30' 44.46051" W

7.NVA.BG.06

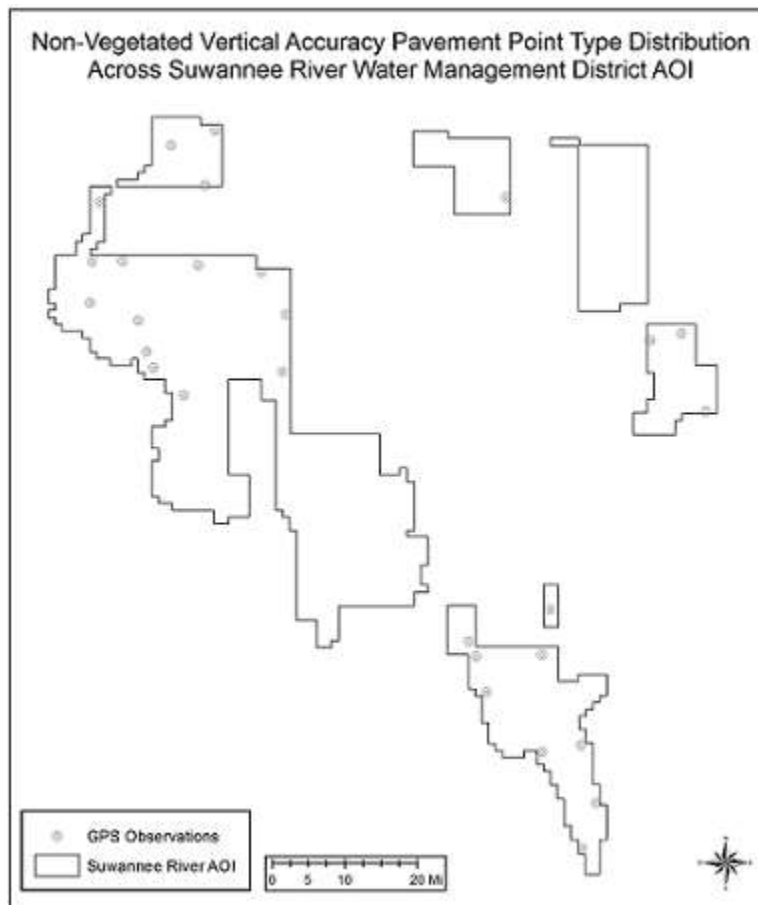


Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.NVA.BG.06	2274530.807	369016.281	-40.591	50.636

Point ID	LATITUDE	LONGITUDE
7.NVA.BG.06	30° 00' 40.06531" N	83° 31' 59.09328" W

Non-Vegetated Vertical Accuracy Checkpoints Pavement

The Map shows the overall spread of the (pavement) non-vegetated vertical accuracy checkpoints throughout the AOI. The following tables contain a list of the non-vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.NVA.PT.08	2256081.557	423420.899	-41.156	49.779
1.NVA.PT.03	2210154.502	470407.47	-33.348	57.177

1.NVA.PT.41	2251453.528	435268.646	-29.251	61.585
1.NVA.PT.171	2278170.488	403333.072	-28.811	62.34
1.NVA.PT.02	2211645.334	500588.73	-13.308	77.348
1.NVA.PT.15	2352589.66	462085.524	-10.415	81.347
1.NVA.PT.18	2350064.472	420678.017	-9.174	82.46
1.NVA.PT.09	2245388.116	457653.981	-8.478	82.237
1.NVA.PT.01	2217302.591	543402.395	-7.695	83.286
1.NVA.PT.88	2234031.101	501135.785	-1.191	89.54
1.NVA.PT.14	2334415.557	492790.646	4.533	96.321
1.NVA.PT.12	2288736.37	497993.827	21.987	113.266
1B.NVA.PT.03	2293722.215	556311.873	11.303	102.917
1B.NVA.PT.02	2301244.618	595909.305	41.028	132.8
1B.NVA.PT.04	2268838.684	585271.857	58.891	150.465
02.NVA.PT.05	2512631.167	547373.596	35.214	127.605
4.NVA.PT.97	2657850.906	391506.717	52.175	144.669
4.NVA.PT.02	2640235.925	448388.345	74.304	167.041
5.NVA.PT.13	2538918.67	143833.228	-49.302	41.219
5.NVA.PT.02	2485612.806	224220.374	-46.028	45.116
5.NVA.PT.11	2568032.582	73932.154	-45.758	44.547
5.NVA.PT.04	2498490.093	187175.707	-43.74	46.89
5.NVA.PT.03	2490919.658	213486.34	-42.444	48.54
5.NVA.PT.05	2538538.818	214748.472	-21.243	69.771
5.NVA.PT.12	2578408.61	106795.847	-18.976	71.559
5.NVA.PT.09	2567371.198	148776.371	-16.674	74.064
05.NVA.PT.14	2544558.966	247220.495	-7.55	83.825

1.NVA.PT.8



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.08	2256081.557	423420.899	-41.156	49.779

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.08	30° 09' 40.09897" N	83° 35' 23.99373" W

1.NVA.PT.3



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.03	2210154.502	470407.47	-33.348	57.177

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.03	30° 17' 28.53536" N	83° 44' 03.56348" W

1.NVA.PT.41



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.41	2251453.528	435268.646	-29.251	61.585

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.41	30° 11' 37.73684" N	83° 36' 15.65188" W

1.NVA.PT.171



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.171	2278170.488	403333.072	-28.811	62.34

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.171	30° 06' 19.44691" N	83° 31' 14.34353" W

1.NVA.PT.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.02	2211645.334	500588.73	-13.308	77.348

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.02	30° 22' 27.17983" N	83° 43' 44.23069" W

1.NVA.PT.15



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.15	2352589.66	462085.524	-10.415	81.347

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.15	30° 15' 53.90550" N	83° 16' 59.98761" W

1.NVA.PT.18



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.18	2350064.472	420678.017	-9.174	82.46

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.18	30° 09' 04.31071" N	83° 17' 33.78151" W

1.NVA.PT.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.09	2245388.116	457653.981	-8.478	82.237

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.09	30° 15' 19.78371" N	83° 37' 22.80440" W

1.NVA.PT.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.01	2217302.591	543402.395	-7.695	83.286

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.01	30° 29' 30.57044" N	83° 42' 36.26274" W

1.NVA.PT.88



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.88	2234031.101	501135.785	-1.191	89.54

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.88	30° 22' 31.02722" N	83° 39' 28.63551" W

1.NVA.PT.14



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.14	2334415.557	492790.646	4.533	96.321

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.14	30° 20' 59.70176" N	83° 20' 23.66092" W

1.NVA.PT.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.PT.12	2288736.37	497993.827	21.987	113.266

Point ID	LATITUDE	LONGITUDE
1.NVA.PT.12	30° 21' 55.51682" N	83° 29' 04.45715" W

1B.NVA.PT.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.PT.03	2293722.215	556311.873	11.303	102.917

Point ID	LATITUDE	LONGITUDE
1B.NVA.PT.03	30° 31' 32.29981" N	83° 28' 01.51537" W

1B.NVA.PT.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.PT.02	2301244.618	595909.305	41.028	132.8

Point ID	LATITUDE	LONGITUDE
1B.NVA.PT.02	30° 38' 03.53440" N	83° 26' 31.31058" W

1B.NVA.PT.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.PT.04	2268838.684	585271.857	58.891	150.465

Point ID	LATITUDE	LONGITUDE
1B.NVA.PT.04	30° 36' 21.08158" N	83° 32' 43.23930" W

2.NVA.PT.05



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.NVA.PT.05	2512631.167	547373.596	35.214	127.605

Point ID	LATITUDE	LONGITUDE
02.NVA.PT.05	30° 29' 37.60260" N	82° 46' 20.43647" W

4.NVA.PT.97



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.PT.97	2657850.906	391506.717	52.175	144.669

Point ID	LATITUDE	LONGITUDE
4.NVA.PT.97	30° 03' 30.32952" N	82° 19' 14.94715" W

4.NVA.PT.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.PT.02	2640235.925	448388.345	74.304	167.041

Point ID	LATITUDE	LONGITUDE
4.NVA.PT.02	30° 12' 56.58625" N	82° 22' 23.29068" W

5.NVA.PT.13



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.13	2538918.67	143833.228	-49.302	41.219

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.13	29° 22' 59.43573" N	82° 42' 32.46151" W

5.NVA.PT.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.02	2485612.806	224220.374	-46.028	45.116

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.02	29° 36' 23.02213" N	82° 52' 21.93369" W

5.NVA.PT.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.11	2568032.582	73932.154	-45.758	44.547

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.11	29° 11' 22.93706" N	82° 37' 16.45852" W

5.NVA.PT.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.04	2498490.093	187175.707	-43.74	46.89

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.04	29° 30' 14.50689" N	82° 50' 02.20683" W

5.NVA.PT.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.03	2490919.658	213486.34	-42.444	48.54

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.03	29° 34' 36.02113" N	82° 51' 23.57641" W

5.NVA.PT.05



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.05	2538538.818	214748.472	-21.243	69.771

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.05	29° 34' 41.40956" N	82° 42' 24.14794" W

5.NVA.PT.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.12	2578408.61	106795.847	-18.976	71.559

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.12	29° 16' 46.49982" N	82° 35' 13.20464" W

5.NVA.PT.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.PT.09	2567371.198	148776.371	-16.674	74.064

Point ID	LATITUDE	LONGITUDE
5.NVA.PT.09	29° 23' 43.82733" N	82° 37' 09.99323" W

5.NVA.PT.14



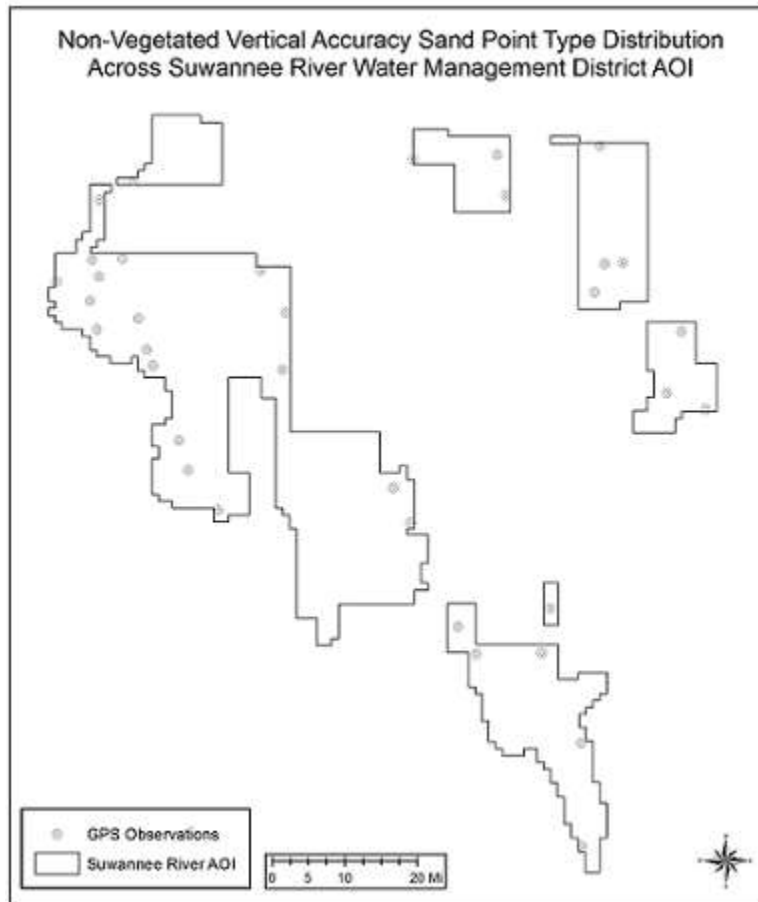
Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
05.NVA.PT.14	2544558.966	247220.495	-7.55	83.825

Point ID	LATITUDE	LONGITUDE
05.NVA.PT.14	29° 40' 01.87421" N	82° 41' 10.12942" W

Non-Vegetated Vertical Accuracy Checkpoints

Sand

The Map shows the overall spread of the (sand) non-vegetated vertical accuracy checkpoints throughout the AOI. The following two tables contain a list of the non-vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.NVA.D.88	2233891.241	501270.827	-1.637	89.095
1.NVA.05.SD	2185921.395	484617.887	-38.346	52.185
1.NVA.SD.01	2217205.32	543420.647	-8.012	82.968
1.NVA.SD.02	2211652.73	500526.549	-13.909	76.747
1.NVA.SD.03	2210107.719	470471.711	-38.182	52.343
1.NVA.SD.07	2215273.874	449828.659	-46.95	43.582
1.NVA.SD.08	2255968.538	423343.035	-41.509	49.426
1.NVA.SD.09	2245404.638	457680.468	-8.717	81.998
1.NVA.SD.11	2216394.94	488333.961	-12.455	78.142
1.NVA.SD.14	2334308.624	492786.256	4.199	95.987
1.NVA.SD.15	2352563.355	462052.76	-10.839	80.922
1.NVA.SD.18	2349985.413	420671.143	-9.532	82.101
1.NVA.SD.41	2251416.094	435270.367	-30.287	60.549
1.NVA.SD.01	2217205.32	543420.647	-8.012	82.968
1.NVA.SD.02	2211652.73	500526.549	-13.909	76.747
1.NVA.SD.03	2210107.719	470471.711	-38.182	52.343
1.NVA.SD.07	2215273.874	449828.659	-46.95	43.582
1.NVA.SD.08	2255968.538	423343.035	-41.509	49.426
1.NVA.SD.09	2245404.638	457680.468	-8.717	81.998
1.NVA.SD.11	2216394.94	488333.961	-12.455	78.142
1B.NVA.SD.04	2241294.097	558150.392	14.127	105.344
2.NVA.SD.01	2445436.534	573774.004	11.822	103.994
2.NVA.SD.03	2506295.76	576637.219	36.244	128.524
02.NVA.SD.05	2512581.382	547254.151	34.694	127.085
3.NVA.SD.09	2584325.275	497597.366	28.944	121.51

PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
3.NVA.SD.10	2597876.441	498506.014	39.061	131.699
3.NVA.SD.81	2577051.667	476787.815	48.327	140.817
4.NVA.SD.02	2640185.93	448285.596	74.139	166.875
4.NVA.SD.06	2629701.195	403552.535	61.565	154.189
4.NVA.SD.97	2657873.701	391583.786	51.974	144.467
4.NVA.SD.NE	2581041.856	583498.509	31.784	124.419
5.NVA.SD.01	2477601.882	233587.836	-53.275	37.978
5.NVA.SD.03	2490896.271	213541.842	-43.517	47.467
5.NVA.SD.05	2538541.288	214727.013	-21.465	69.548
5.NVA.SD.09	2567363.699	148854.133	-18.604	72.134
5.NVA.SD.11	2568053.693	73905.454	-48.246	42.059
05.NVA.SD.14	2544617.027	247036.109	-12.756	78.615
6.NVA.SD.01	2443263.857	309457.332	-29.361	61.83
6.NVA.SD.02	2421627.127	319318.588	-25.851	65.37
6.NVA.SD.03	2430512.919	334519.138	-26.539	64.852
7.NVA.SD.01	2303154.002	318293.598	-55.368	35.793
7.NVA.SD.04	2281327.366	347442.941	-43.773	47.49
7.NVA.SD.06	2274491.49	369050.551	-40.408	50.819

1.NVA.SD.88



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.D.88	2233891.241	501270.827	-1.637	89.095

Point ID	LATITUDE	LONGITUDE
1.NVA.D.88	30° 22' 32.37412" N	83° 39' 30.22075" W

1.NVA.SD.05



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.05.SD	2185921.395	484617.887	-38.346	52.185

Point ID	LATITUDE	LONGITUDE
1.NVA.05.SD	30° 19' 50.72603" N	83° 48' 38.99199" W

1.NVA.SD.07



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.07	2215273.874	449828.659	-46.95	43.582

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.07	30° 14' 04.49310" N	83° 43' 06.77988" W

1.NVA.SD.08



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.08	2255968.538	423343.035	-41.509	49.426

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.08	30° 09' 39.33716" N	83° 35' 25.28821" W

1.NVA.SD.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.03	2210107.719	470471.711	-38.182	52.343

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.03	30° 17' 29.17435" N	83° 44' 04.09217" W

1.NVA.SD.41



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.41	2251416.094	435270.367	-30.287	60.549

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.41	30° 11' 37.75679" N	83° 36' 16.07828" W

1.NVA.SD.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.02	2211652.73	500526.549	-13.909	76.747

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.02	30° 22' 26.56385" N	83° 43' 44.15106" W

1.NVA.SD.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.11	2216394.94	488333.961	-12.455	78.142

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.11	30° 20' 25.55784" N	83° 42' 50.97470" W

1.NVA.SD.15



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.15	2352563.355	462052.76	-10.839	80.922

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.15	30° 15' 53.58398" N	83° 17' 00.29155" W

1.NVA.SD.18



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.18	2349985.413	420671.143	-9.532	82.101

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.18	30° 09' 04.25096" N	83° 17' 34.68280" W

1.NVA.SD.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.09	2245404.638	457680.468	-8.717	81.998

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.09	30° 15' 20.04464" N	83° 37' 22.61369" W

1.NVA.SD.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.01	2217205.32	543420.647	-8.012	82.968

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.01	30° 29' 30.75777" N	83° 42' 37.37304" W

1.NVA.SD.14



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.NVA.SD.14	2334308.624	492786.256	4.199	95.987

Point ID	LATITUDE	LONGITUDE
1.NVA.SD.14	30° 20' 59.66908" N	83° 20' 24.88182" W

1B.NVA.SD.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.NVA.SD.04	2241294.097	558150.392	14.127	105.344

Point ID	LATITUDE	LONGITUDE
1B.NVA.SD.04	30° 31' 54.81943" N	83° 38' 00.77631" W

2.NVA.SD.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.NVA.SD.01	2445436.534	573774.004	11.822	103.994

Point ID	LATITUDE	LONGITUDE
2.NVA.SD.01	30° 34' 08.34877" N	82° 59' 04.38150" W

2.NVA.SD.05



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.NVA.SD.05	2512581.382	547254.151	34.694	127.085

Point ID	LATITUDE	LONGITUDE
02.NVA.SD.05	30° 29' 36.42792" N	82° 46' 21.02612" W

2.NVA.SD.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.NVA.SD.03	2506295.76	576637.219	36.244	128.524

Point ID	LATITUDE	LONGITUDE
2.NVA.SD.03	30° 34' 28.16851" N	82° 47' 27.82777" W

3.NVA.SD.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.SD.09	2584325.275	497597.366	28.944	121.51

Point ID	LATITUDE	LONGITUDE
3.NVA.SD.09	30° 21' 13.51123" N	82° 32' 50.84744" W

3.NVA.SD.10



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.SD.10	2597876.441	498506.014	39.061	131.699

Point ID	LATITUDE	LONGITUDE
3.NVA.SD.10	30° 21' 20.18185" N	82° 30' 16.02147" W

3.NVA.SD.81



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.NVA.SD.81	2577051.667	476787.815	48.327	140.817

Point ID	LATITUDE	LONGITUDE
3.NVA.SD.81	30° 17' 48.78167" N	82° 34' 17.87084" W

4.NVA.SD.NE



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.SD.NE	2581041.856	583498.509	31.784	124.419

Point ID	LATITUDE	LONGITUDE
4.NVA.SD.NE	30° 35' 24.21229" N	82° 33' 11.57774" W

4.NVA.SD.97



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.SD.97	2657873.701	391583.786	51.974	144.467

Point ID	LATITUDE	LONGITUDE
4.NVA.SD.97	30° 03' 31.08798" N	82° 19' 14.67104" W

4.NVA.SD.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.SD.06	2629701.195	403552.535	61.565	154.189

Point ID	LATITUDE	LONGITUDE
4.NVA.SD.06	30° 05' 34.76752" N	82° 24' 32.71361" W

4.NVA.SD.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.NVA.SD.02	2640185.93	448285.596	74.139	166.875

Point ID	LATITUDE	LONGITUDE
4.NVA.SD.02	30° 12' 55.57857" N	82° 22' 23.88225" W

5.NVA.SD.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.SD.01	2477601.882	233587.836	-53.275	37.978

Point ID	LATITUDE	LONGITUDE
5.NVA.SD.01	29° 37' 56.86650" N	82° 53' 51.18132" W

5.NVA.SD.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.SD.11	2568053.693	73905.454	-48.246	42.059

Point ID	LATITUDE	LONGITUDE
5.NVA.SD.11	29° 11' 22.66935" N	82° 37' 16.22537" W

5.NVA.SD.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.SD.03	2490896.271	213541.842	-43.517	47.467

Point ID	LATITUDE	LONGITUDE
5.NVA.SD.03	29° 34' 36.57384" N	82° 51' 23.83218" W

5.NVA.SD.05



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.SD.05	2538541.288	214727.013	-21.465	69.548

Point ID	LATITUDE	LONGITUDE
5.NVA.SD.05	29° 34' 41.19678" N	82° 42' 24.12379" W

5.NVA.SD.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.NVA.SD.09	2567363.699	148854.133	-18.604	72.134

Point ID	LATITUDE	LONGITUDE
5.NVA.SD.09	29° 23' 44.59823" N	82° 37' 10.06350" W

5.NVA.SD.14



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
05.NVA.SD.14	2544617.027	247036.109	-12.756	78.615

Point ID	LATITUDE	LONGITUDE
05.NVA.SD.14	29° 40' 00.04002" N	82° 41' 09.50465" W

6.NVA.SD.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.NVA.SD.01	2443263.857	309457.332	-29.361	61.83

Point ID	LATITUDE	LONGITUDE
6.NVA.SD.01	29° 50' 32.46584" N	83° 00' 08.94073" W

6.NVA.SD.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.NVA.SD.03	2430512.919	334519.138	-26.539	64.852

Point ID	LATITUDE	LONGITUDE
6.NVA.SD.03	29° 54' 42.17176" N	83° 02' 30.07498" W

7.NVA.SD.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.NVA.SD.01	2303154.002	318293.598	-55.368	35.793

Point ID	LATITUDE	LONGITUDE
7.NVA.SD.01	29° 52' 15.46251" N	83° 26' 38.88311" W

7.NVA.SD.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.NVA.SD.04	2281327.366	347442.941	-43.773	47.49

Point ID	LATITUDE	LONGITUDE
7.NVA.SD.04	29° 57' 05.94043" N	83° 30' 43.91644" W

7.NVA.SD.06



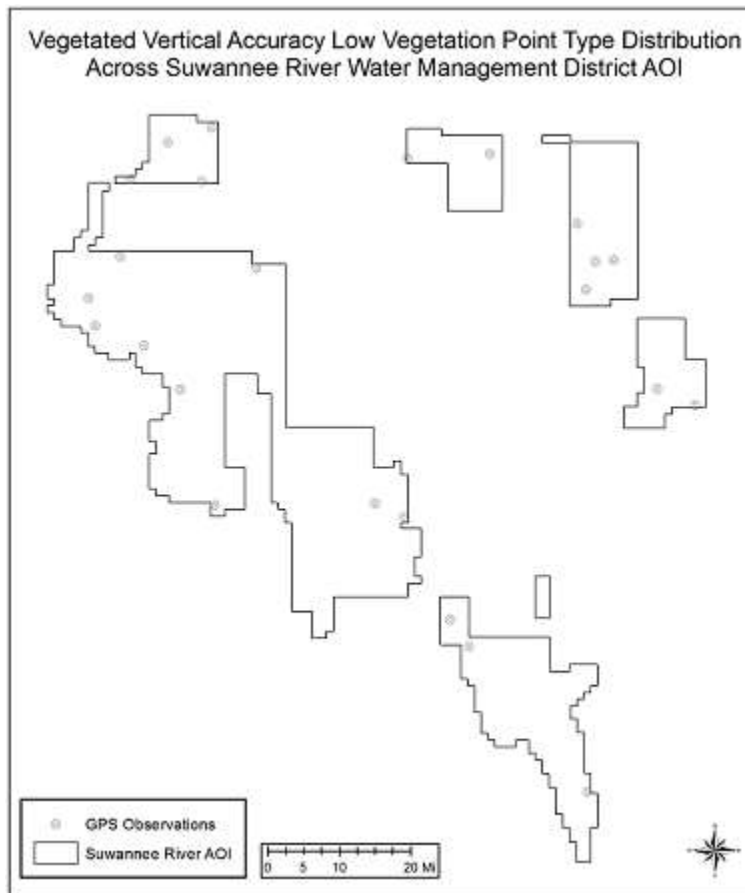
Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.NVA.SD.06	2274491.49	369050.551	-40.408	50.819

Point ID	LATITUDE	LONGITUDE
7.NVA.SD.06	30° 00' 40.40784" N	83° 31' 59.53717" W

Vegetated Vertical Accuracy Checkpoints

Low Vegetation

The Map shows the overall spread of the low vegetated vertical accuracy checkpoints throughout the AOI. The following table contains a list of the low vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.VVA.LVEG.03	2210194.258	470469.11	-37.31	53.215
1.VVA.LVEG.07	2215294.076	449938.269	-47.73	42.802
1.VVA.LVEG.14	2334277.733	492761.181	3.103	94.89
1.VVA.LVEG.41	2251313.67	435313.781	-32.781	58.056
1.VVA.LVEG.88	2234105.862	501108.747	-2.101	88.631
1.VVA.LVEG.171	2278104.831	403302.263	-29.802	61.349
1B.VVA.LVEG.02	2301317.602	596139.246	31.248	123.02
1B.VVA.LVEG.03	2293765.138	556364.343	8.294	99.908
1B.VVA.LVEG.04	2241304.651	558170.14	14.029	105.246
1B.VVA.LVEG.44	2268637.54	585392.037	55.144	146.718
02.VVA.LVEG.01	2445428.528	573680.135	12.52	104.691
2.VVA.LVEG.03	2506399.499	576648.71	36.269	128.549
3.VVA.LVEG.04	2570918.696	525268.98	30.895	123.463
3.VVA.LVEG.09	2584279.975	497634.655	28.361	120.927
3.VVA.LVEG.10	2597847.62	498517.862	39.058	131.695
3.VVA.LVEG.81	2577054.421	476713.472	48.283	140.773
4.VVA.LVEG.06	2629798.592	403566.904	59.802	152.426
4.VVA.LVEG.97	2657916.31	391530.774	53.215	145.708
5.VVA.LVEG.01	2477133.512	233637.164	-54.325	36.928
5.VVA.LVEG.03	2490975.172	213608.071	-43.879	47.105
5.VVA.LVEG.12	2578324.186	106687.938	-18.763	71.771
6.VVA.LVEG.01	2443214.739	309421.531	-29.983	61.208
6.VVA.LVEG.02	2421593.582	319364.904	-27.437	63.787
7.VVA.LVEG.01	2303185.666	318381.474	-55.136	36.025

1.VVA.LVEG.14



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.14	2334277.733	492761.181	3.103	94.89

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.14	30° 20' 59.42399" N	83° 20' 25.23727" W

1.VVA.LVEG.171



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.171	2278104.831	403302.263	-29.802	61.349

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.171	30° 06' 19.14753" N	83° 31' 15.09402" W

1.VVA.LVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.03	2210194.258	470469.11	-37.31	53.215

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.03	30° 17' 29.14285" N	83° 44' 03.10528" W

1.VVA.LVEG.41



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.41	2251313.67	435313.781	-32.781	58.056

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.41	30° 11' 38.19448" N	83° 36' 17.24150" W

1.VVA.LVEG.07



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.07	2215294.076	449938.269	-47.73	42.802

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.07	30° 14' 05.57670" N	83° 43' 06.54102" W

1.VVA.LVEG.88



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.LVEG.88	2234105.862	501108.747	-2.101	88.631

Point ID	LATITUDE	LONGITUDE
1.VVA.LVEG.88	30° 22' 30.75413" N	83° 39' 27.78434" W

1B.VVA.LVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.LVEG.02	2301317.602	596139.246	31.248	123.02

Point ID	LATITUDE	LONGITUDE
1B.VVA.LVEG.02	30° 38' 05.80351" N	83° 26' 30.45080" W

1B.VVA.LVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.LVEG.03	2293765.138	556364.343	8.294	99.908

Point ID	LATITUDE	LONGITUDE
1B.VVA.LVEG.03	30° 31' 32.81530" N	83° 28' 01.01919" W

1B.VVA.LVEG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.LVEG.04	2241304.651	558170.14	14.029	105.246

Point ID	LATITUDE	LONGITUDE
1B.VVA.LVEG.04	30° 31' 55.01410" N	83° 38' 00.65393" W

1B.VVA.LVEG.44



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.LVEG.44	2268637.54	585392.037	55.144	146.718

Point ID	LATITUDE	LONGITUDE
1B.VVA.LVEG.44	30° 36' 22.28773" N	83° 32' 45.52936" W

2.VVA.LVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.VVA.LVEG.01	2445428.528	573680.135	12.52	104.691

Point ID	LATITUDE	LONGITUDE
02.VVA.LVEG.01	30° 34' 07.42079" N	82° 59' 04.48734" W

2.VVA.LVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.VVA.LVEG.03	2506399.499	576648.71	36.269	128.549

Point ID	LATITUDE	LONGITUDE
2.VVA.LVEG.03	30° 34' 28.26685" N	82° 47' 26.63925" W

3.VVA.LVEG.10



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.LVEG.10	2597847.62	498517.862	39.058	131.695

Point ID	LATITUDE	LONGITUDE
3.VVA.LVEG.10	30° 21' 20.30410" N	82° 30' 16.34801" W

3.VVA.LVEG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.LVEG.04	2570918.696	525268.98	30.895	123.463

Point ID	LATITUDE	LONGITUDE
3.VVA.LVEG.04	30° 25' 49.62592" N	82° 35' 18.54900" W

3.VVA.LVEG.81



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.LVEG.81	2577054.421	476713.472	48.283	140.773

Point ID	LATITUDE	LONGITUDE
3.VVA.LVEG.81	30° 17' 48.04542" N	82° 34' 17.85377" W

3.VVA.LVEG.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.LVEG.09	2584279.975	497634.655	28.361	120.927

Point ID	LATITUDE	LONGITUDE
3.VVA.LVEG.09	30° 21' 13.88797" N	82° 32' 51.35712" W

4.VVA.LVEG.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.LVEG.06	2629798.592	403566.904	59.802	152.426

Point ID	LATITUDE	LONGITUDE
4.VVA.LVEG.06	30° 05' 34.89205" N	82° 24' 31.60206" W

4.VVA.LVEG.97



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.LVEG.97	2657916.31	391530.774	53.215	145.708

Point ID	LATITUDE	LONGITUDE
4.VVA.LVEG.97	30° 03' 30.55524" N	82° 19' 14.19778" W

5.VVA.LVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.LVEG.01	2477133.512	233637.164	-54.325	36.928

Point ID	LATITUDE	LONGITUDE
5.VVA.LVEG.01	29° 37' 57.41989" N	82° 53' 56.48004" W

5.VVA.LVEG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.LVEG.12	2578324.186	106687.938	-18.763	71.771

Point ID	LATITUDE	LONGITUDE
5.VVA.LVEG.12	29° 16' 45.44580" N	82° 35' 14.17817" W

5.VVA.LVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.LVEG.03	2490975.172	213608.071	-43.879	47.105

Point ID	LATITUDE	LONGITUDE
5.VVA.LVEG.03	29° 34' 37.21812" N	82° 51' 22.92794" W

6.VVA.LVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.LVEG.01	2443214.739	309421.531	-29.983	61.208

Point ID	LATITUDE	LONGITUDE
6.VVA.LVEG.01	29° 50' 32.11786" N	83° 00' 09.50375" W

6.VVA.LVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.LVEG.02	2421593.582	319364.904	-27.437	63.787

Point ID	LATITUDE	LONGITUDE
6.VVA.LVEG.02	29° 52' 13.28800" N	83° 04' 13.57505" W

7.VVA.LVEG.01



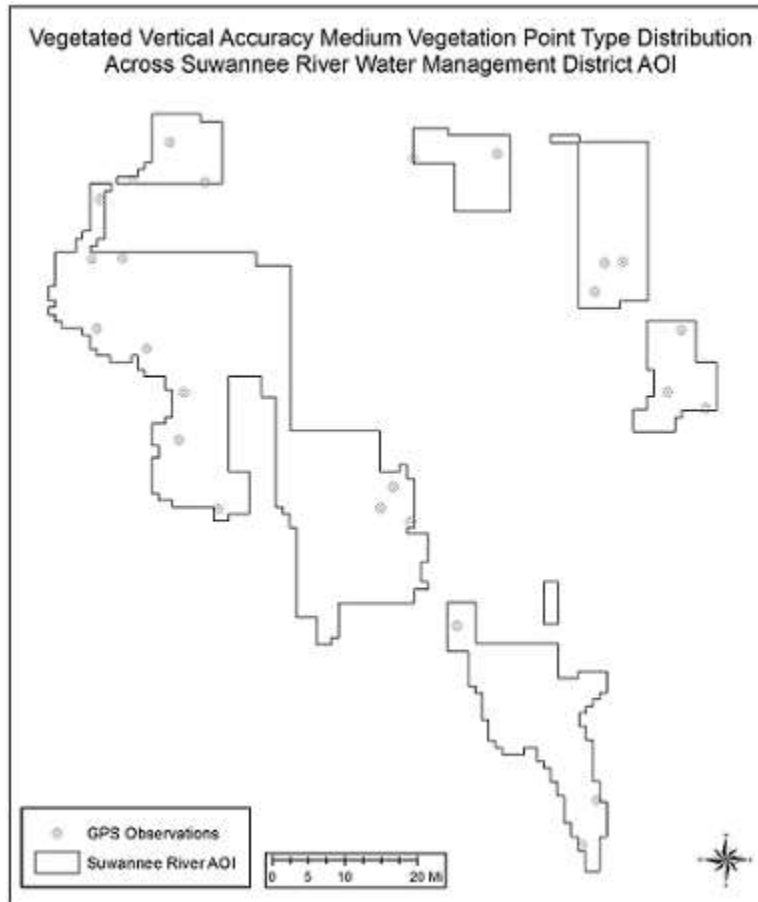
Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.VVA.LVEG.01	2303185.666	318381.474	-55.136	36.025

Point ID	LATITUDE	LONGITUDE
7.VVA.LVEG.01	29° 52' 16.32947" N	83° 26' 38.51424" W

Vegetated Vertical Accuracy Checkpoints

Medium Vegetation

The Map shows the overall spread of the medium vegetated vertical accuracy checkpoints throughout the AOI. The following table contains a list of the medium vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.VVA.MVEG.01	2217137.46	543391.696	-7.876	83.105
1.VVA.MVEG.02	2211694.978	500455.112	-16.649	74.007
1.VVA.MVEG.07	2215252.452	449827.105	-46.774	43.757
1.VVA.MVEG.41	2251415.273	435256.632	-31.448	59.389
1.VVA.MVEG.88	2234081.475	501115.691	-2.048	88.684
1.VVA.MVEG.171	2278128.707	403289.538	-29.841	61.311
1B.VVA.MVEG.03	2293795.771	556344.47	9.254	100.868
1B.VVA.MVEG.04	2241291.202	558092.365	13.197	104.414
1B.VVA.MVEG.44	2268430.222	585371.917	52.731	144.302
02.VVA.MVEG.01	2445477.089	573669.843	13.605	105.777
2.VVA.MVEG.04	2506410.95	576648.106	36.246	128.526
3.VVA.MVEG.09	2584369.435	497571.439	28.685	121.251
3.VVA.MVEG.10	2597832.59	498545.229	37.696	130.333
3.VVA.MVEG.81	2577100.922	476721.527	47.363	139.856
4.VVA.MVEG.02	2640187.547	448399.239	74.333	167.07
4.VVA.MVEG.06	2629820.471	403511.728	60.224	152.849
4.VVA.MVEG.97	2657902.304	391518.207	53.769	146.263
5.VVA.MVEG.01	2477087.87	233605.67	-54.682	36.571
5.VVA.MVEG.11	2568134.422	73981.45	-48.87	41.435
5.VVA.MVEG.12	2578446.224	106840.697	-20.568	69.967
6.VVA.MVEG.01	2443236.64	309483.218	-29.295	61.896
6.VVA.MVEG.02	2421612.182	319325.929	-26.595	64.626
6.VVA.MVEG.03	2430622.085	334443.088	-27.33	64.061
7.VVA.MVEG.01	2303157.57	318358.445	-55.445	35.716
7.VVA.MVEG.06	2274568.58	369033.217	-41.123	50.103

1.VVA.MVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.01	2217137.46	543391.696	-7.876	83.105

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.01	30° 29' 30.47588" N	83° 42' 38.15093" W

1.VVA.MVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.02	2211694.978	500455.112	-16.649	74.007

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.02	30° 22' 25.85393" N	83° 43' 43.67429" W

1.VVA.MVEG.171



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.171	2278128.707	403289.538	-29.841	61.311

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.171	30° 06' 19.01954" N	83° 31' 14.82345" W

1.VVA.MVEG.41



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.41	2251415.273	435256.632	-31.448	59.389

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.41	30° 11' 37.62089" N	83° 36' 16.08886" W

1.VVA.MVEG.07



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.07	2215252.452	449827.105	-46.774	43.757

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.07	30° 14' 04.47917" N	83° 43' 07.02420" W

1.VVA.MVEG.88



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.MVEG.88	2234081.475	501115.691	-2.048	88.684

Point ID	LATITUDE	LONGITUDE
1.VVA.MVEG.88	30° 22' 30.82464" N	83° 39' 28.06215" W

1B.VVA.MVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.MVEG.03	2293795.771	556344.47	9.254	100.868

Point ID	LATITUDE	LONGITUDE
1B.VVA.MVEG.03	30° 31' 32.61586" N	83° 28' 00.67103" W

1B.VVA.MVEG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.MVEG.04	2241291.202	558092.365	13.197	104.414

Point ID	LATITUDE	LONGITUDE
1B.VVA.MVEG.04	30° 31' 54.24531" N	83° 38' 00.81446" W

1B.VVA.MVEG.44



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.MVEG.44	2268430.222	585371.917	52.731	144.302

Point ID	LATITUDE	LONGITUDE
1B.VVA.MVEG.44	30° 36' 22.10575" N	83° 32' 47.90351" W

2.VVA.MVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
02.VVA.MVEG.01	2445477.089	573669.843	13.605	105.777

Point ID	LATITUDE	LONGITUDE
02.VVA.MVEG.01	30° 34' 07.31254" N	82° 59' 03.93349" W

2.VVA.MVEG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
2.VVA.MVEG.04	2506410.95	576648.106	36.246	128.526

Point ID	LATITUDE	LONGITUDE
2.VVA.MVEG.04	30° 34' 28.25917" N	82° 47' 26.50838" W

3.VVA.MVEG.10



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.MVEG.10	2597832.59	498545.229	37.696	130.333

Point ID	LATITUDE	LONGITUDE
3.VVA.MVEG.10	30° 21' 20.57756" N	82° 30' 16.51407" W

3.VVA..MVEG.81



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.MVEG.81	2577100.922	476721.527	47.363	139.856

Point ID	LATITUDE	LONGITUDE
3.VVA.MVEG.81	30° 17' 48.11736" N	82° 34' 17.32185" W

3.VVA.MVEG.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.MVEG.09	2584369.435	497571.439	28.685	121.251

Point ID	LATITUDE	LONGITUDE
3.VVA.MVEG.09	30° 21' 13.24715" N	82° 32' 50.34856" W

4.VVA.MVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.MVEG.02	2640187.547	448399.239	74.333	167.07

Point ID	LATITUDE	LONGITUDE
4.VVA.MVEG.02	30° 12' 56.70300" N	82° 22' 23.83967" W

4.VVA.MVEG.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.MVEG.06	2629820.471	403511.728	60.224	152.849

Point ID	LATITUDE	LONGITUDE
4.VVA.MVEG.06	30° 05' 34.34198" N	82° 24' 31.36457" W

4.VVA.MVEG.97



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.MVEG.97	2657902.304	391518.207	53.769	146.263

Point ID	LATITUDE	LONGITUDE
4.VVA.MVEG.97	30° 03' 30.43351" N	82° 19' 14.35987" W

5.VVA.MVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.MVEG.01	2477087.87	233605.67	-54.682	36.571

Point ID	LATITUDE	LONGITUDE
5.VVA.MVEG.01	29° 37' 57.11450" N	82° 53' 57.00217" W

5.VVA.MVEG.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.MVEG.11	2568134.422	73981.45	-48.87	41.435

Point ID	LATITUDE	LONGITUDE
5.VVA.MVEG.11	29° 11' 23.40836" N	82° 37' 15.30067" W

5.VVA.MVEG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.MVEG.12	2578446.224	106840.697	-20.568	69.967

Point ID	LATITUDE	LONGITUDE
5.VVA.MVEG.12	29° 16' 46.93749" N	82° 35' 12.77150" W

6.VVA.MVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.MVEG.01	2443236.64	309483.218	-29.295	61.896

Point ID	LATITUDE	LONGITUDE
6.VVA.MVEG.01	29° 50' 32.72561" N	83° 00' 09.24588" W

6.VVA.MVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.MVEG.02	2421612.182	319325.929	-26.595	64.626

Point ID	LATITUDE	LONGITUDE
6.VVA.MVEG.02	29° 52' 12.89991" N	83° 04' 13.36935" W

6.VVA.MVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.MVEG.03	2430622.085	334443.088	-27.33	64.061

Point ID	LATITUDE	LONGITUDE
6.VVA.MVEG.03	29° 54' 41.40516" N	83° 02' 28.84570" W

7.VVA.MVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.VVA.MVEG.01	2303157.57	318358.445	-55.445	35.716

Point ID	LATITUDE	LONGITUDE
7.VVA.MVEG.01	29° 52' 16.10409" N	83° 26' 38.83577" W

7.VVA.MVEG.06



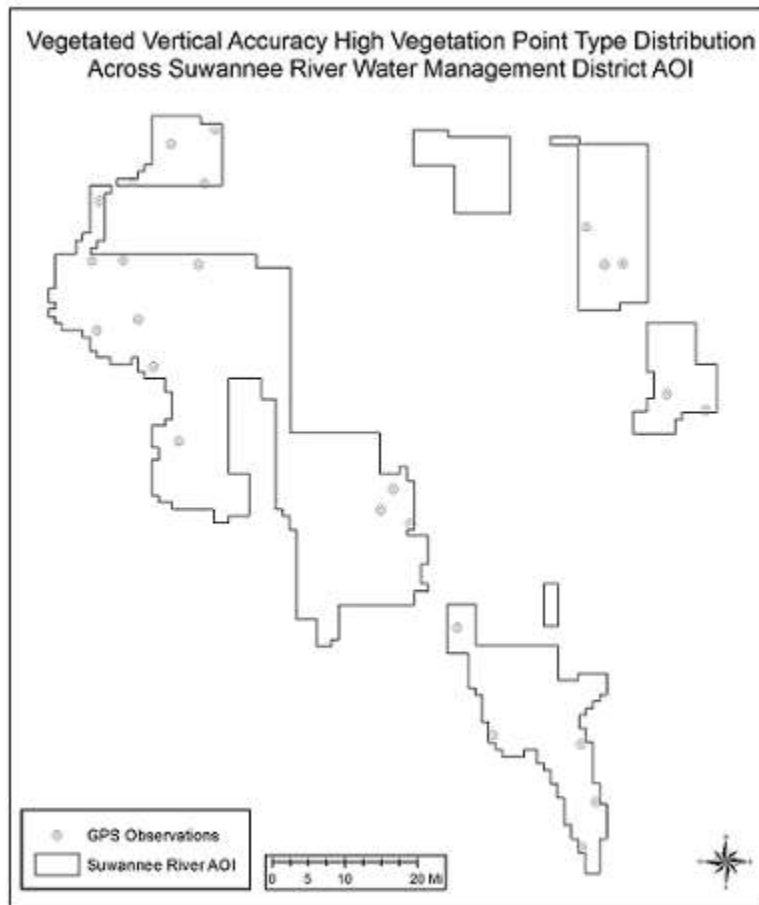
Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.VVA.MVEG.06	2274568.58	369033.217	-41.123	50.103

Point ID	LATITUDE	LONGITUDE
7.VVA.MVEG.06	30° 00' 40.22978" N	83° 31' 58.66203" W

Vegetated Vertical Accuracy Checkpoints

High Vegetation

The Map shows the overall spread of the high vegetated vertical accuracy checkpoints throughout the AOI. The following two tables contain a list of the high vegetated vertical accuracy checkpoints using Easting, Northing, and Orthometric height, coordinate system displayed is NAD83 HARN 2007 State Plane Zone Florida North (FIPS 903), NAVD88 Geoid12b and using U.S. Survey Feet for measurement.



PointID	Easting(ft)	Northing(ft)	Ellip(ft)	Ortho(ft)
1.VVA.HVEG.01	2217173.523	543421.373	-8.069	82.912
1.VVA.HVEG.02	2211678.561	500487.498	-14.423	76.233
1.VVA.HVEG.03	2210157.522	470349.061	-22.387	68.137
1.VVA.HVEG.07	2215330.921	449991.107	-47.295	43.236
1.VVA.HVEG.08	2256087.859	423338.584	-40.987	49.948
1.VVA.HVEG.09	2245431.201	457705.072	-8.218	82.497
1.VVA.HVEG.12	2288832.521	497851.746	21.63	112.913
1.VVA.HVEG.88	2234182.87	501087.091	-1.66	89.071
1B.VVA.HVEG.02	2301306.992	595986.077	35.132	126.903
1B.VVA.HVEG.03	2293602.043	556485.157	6.615	98.229
1B.VVA.HVEG.04	2241313.008	558047.435	12.077	103.294
1B.VVA.HVEG.44	2268906.046	585297.813	61.856	153.43
3.VVA.HVEG.04	2570918.516	525238.5	30.248	122.817
3.VVA.HVEG.09	2584260.803	497650.225	28.562	121.127
3.VVA.HVEG.10	2597846.9	498547.781	37.876	130.514
4.VVA.HVEG.06	2629747.8	403529.33	60.531	153.156
4.VVA.HVEG.97	2657966.022	391601.021	52.177	144.67
5.VVA.HVEG.01	2477358.917	233540.716	-50.606	40.647
5.VVA.HVEG.08	2502709.546	155692.276	-55.778	34.629
5.VVA.HVEG.09	2567351.849	148859.786	-18.426	72.312
5.VVA.HVEG.11	2568040.606	73880.222	-48.192	42.113
5.VVA.HVEG.12	2578421.272	106777.639	-19.975	70.56
6.VVA.HVEG.01	2443299.122	309438.253	-29.89	61.301
6.VVA.HVEG.02	2421584.092	319412.701	-27.027	64.196
6.VVA.HVEG.03	2430600.233	334507.26	-27.18	64.211
7.VVA.HVEG.06	2274543.371	369066.265	-41.318	49.909

1.VVA.HVEG.1



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.01	2217173.523	543421.373	-8.069	82.912

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.01	30° 29' 30.76714" N	83° 42' 37.73641" W

1.VVA.HVEG.2



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.02	2211678.561	500487.498	-14.423	76.233

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.02	30° 22' 26.17559" N	83° 43' 43.85920" W

1.VVA.HVEG.3



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.03	2210157.522	470349.061	-22.387	68.137

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.03	30° 17' 27.95700" N	83° 44' 03.53350" W

1.VVA.HVEG.7



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.07	2215330.921	449991.107	-47.295	43.236

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.07	30° 14' 06.09721" N	83° 43' 06.11687" W

1.VVA.HVEG.8



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.08	2256087.859	423338.584	-40.987	49.948

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.08	30° 09' 39.28367" N	83° 35' 23.92942" W

1.VVA.HVEG.9



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.09	2245431.201	457705.072	-8.218	82.497

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.09	30° 15' 20.28615" N	83° 37' 22.30867" W

1.VVA.HVEG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.12	2288832.521	497851.746	21.63	112.913

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.12	30° 21' 54.10201" N	83° 29' 03.37408" W

1.VVA.HVEG.88



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1.VVA.HVEG.88	2234182.87	501087.091	-1.66	89.071

Point ID	LATITUDE	LONGITUDE
1.VVA.HVEG.88	30° 22' 30.53414" N	83° 39' 26.90705" W

1B.VVA.HVEG.2



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.HVEG.02	2301306.992	595986.077	35.132	126.903

Point ID	LATITUDE	LONGITUDE
1B.VVA.HVEG.02	30° 38' 04.28852" N	83° 26' 30.58852" W

1B.VVA.HVEG.3



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.HVEG.03	2293602.043	556485.157	6.615	98.229

Point ID	LATITUDE	LONGITUDE
1B.VVA.HVEG.03	30° 31' 34.02570" N	83° 28' 02.87136" W

1B.VVA.HVEG.4



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.HVEG.04	2241313.008	558047.435	12.077	103.294

Point ID	LATITUDE	LONGITUDE
1B.VVA.HVEG.04	30° 31' 53.79896" N	83° 38' 00.56903" W

1B.VVA.HVEG.44



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
1B.VVA.HVEG.44	2268906.046	585297.813	61.856	153.43

Point ID	LATITUDE	LONGITUDE
1B.VVA.HVEG.44	30° 36' 21.33290" N	83° 32' 42.46602" W

3.VVA.HVEG.10



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.HVEG.10	2597846.9	498547.781	37.876	130.514

Point ID	LATITUDE	LONGITUDE
3.VVA.HVEG.10	30° 21' 20.60033" N	82° 30' 16.35024" W

3.VVA.HVEG.04



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.HVEG.04	2570918.516	525238.5	30.248	122.817

Point ID	LATITUDE	LONGITUDE
3.VVA.HVEG.04	30° 25' 49.32429" N	82° 35' 18.55690" W

3.VVA.HVEG.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
3.VVA.HVEG.09	2584260.803	497650.225	28.562	121.127

Point ID	LATITUDE	LONGITUDE
3.VVA.HVEG.09	30° 21' 14.04531" N	82° 32' 51.57287" W

4.VVA.HVEG.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.HVEG.06	2629747.8	403529.33	60.531	153.156

Point ID	LATITUDE	LONGITUDE
4.VVA.HVEG.06	30° 05' 34.52939" N	82° 24' 32.18801" W

4.VVA.HVEG.97



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
4.VVA.HVEG.97	2657966.022	391601.021	52.177	144.67

Point ID	LATITUDE	LONGITUDE
4.VVA.HVEG.97	30° 03' 31.24108" N	82° 19' 13.61689" W

5.VVA.HVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.HVEG.01	2477358.917	233540.716	-50.606	40.647

Point ID	LATITUDE	LONGITUDE
5.VVA.HVEG.01	29° 37' 56.43389" N	82° 53' 53.94158" W

5.VVA.HVEG.11



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.HVEG.11	2568040.606	73880.222	-48.192	42.113

Point ID	LATITUDE	LONGITUDE
5.VVA.HVEG.11	29° 11' 22.42175" N	82° 37' 16.37766" W

5.VVA.HVEG.12



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.HVEG.12	2578421.272	106777.639	-19.975	70.56

Point ID	LATITUDE	LONGITUDE
5.VVA.HVEG.12	29° 16' 46.31750" N	82° 35' 13.06514" W

5.VVA.HVEG.08



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.HVEG.08	2502709.546	155692.276	-55.778	34.629

Point ID	LATITUDE	LONGITUDE
5.VVA.HVEG.08	29° 25' 02.26860" N	82° 49' 19.70582" W

5.VVA.HVEG.09



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
5.VVA.HVEG.09	2567351.849	148859.786	-18.426	72.312

Point ID	LATITUDE	LONGITUDE
5.VVA.HVEG.09	29° 23' 44.65612" N	82° 37' 10.19638" W

6.VVA.HVEG.01



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.HVEG.01	2443299.122	309438.253	-29.89	61.301

Point ID	LATITUDE	LONGITUDE
6.VVA.HVEG.01	29° 50' 32.27241" N	83° 00' 08.54317" W

6.VVA.HVEG.02



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.HVEG.02	2421584.092	319412.701	-27.027	64.196

Point ID	LATITUDE	LONGITUDE
6.VVA.HVEG.02	29° 52' 13.76229" N	83° 04' 13.67602" W

6.VVA.HVEG.03



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
6.VVA.HVEG.03	2430600.233	334507.26	-27.18	64.211

Point ID	LATITUDE	LONGITUDE
6.VVA.HVEG.03	29° 54' 42.04313" N	83° 02' 29.08465" W

7.VVA.HVEG.06



Point ID	Easting(ft)	Northing(ft)	Ellip.Hgt.(ft)	Ortho.Hgt.(ft)
7.VVA.HVEG.06	2274543.371	369066.265	-41.318	49.909

Point ID	LATITUDE	LONGITUDE
7.VVA.HVEG.06	30° 00' 40.55903" N	83° 31' 58.94557" W