



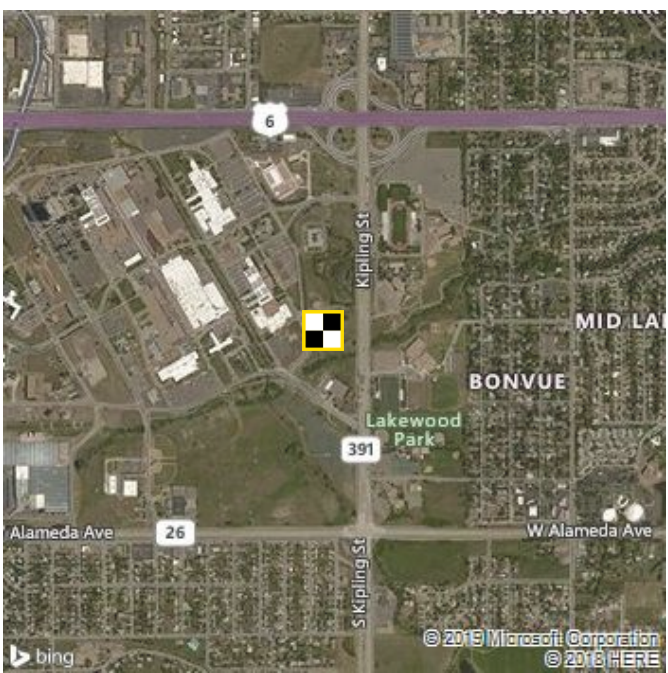
Ground Control Report

20190326_DFC_Pond



Survey ID	as9fab2311
Aeropoint Set	USGS AeroPoints Set 2
Date captured	26 Mar 2019 12:14 PM MDT
Points captured	9
Processing method	Propeller network correction
Document generated	31 Mar 2019 9:54 PM MDT

Point 1



Point Number	1	Capture start	26 Mar 2019 12:14 PM MDT
Global ID	ac657050e6	Capture end	26 Mar 2019 4:29 PM MDT
AeroPoint ID	2323908	Duration	4:15
		Uploaded	27 Mar 2019 9:04 AM MDT

NAD83(2011)

Latitude	39.71771242° (39° 43' 3.76473" N)
Longitude	-105.11098946° (105° 6' 39.56207" W)
Ellipsoid height	1683.329 m

NAD83(2011) / UTM zone 13N

Easting	490487.075 m
Northing	4396432.711 m

NAVD88 height

Height	1699.738 m
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Quality

Data points	1518
Points used	1518 (100.0%)
Baseline distance	0.03 km
Data variance	1.0 mm / 1.6 mm / 2.3 mm

Point 2



Point Number	2	Capture start	26 Mar 2019 12:17 PM MDT
Global ID	ac84e6cb23	Capture end	26 Mar 2019 4:29 PM MDT
AeroPoint ID	13072885	Duration	4:12
		Uploaded	27 Mar 2019 9:11 AM MDT

NAD83(2011)

Latitude	39.71766882° (39° 43' 3.60777" N)
Longitude	-105.1113782° (105° 6' 40.96151" W)
Ellipsoid height	1683.399 m

NAD83(2011) / UTM zone 13N

Easting	490453.75 m
Northing	4396427.914 m

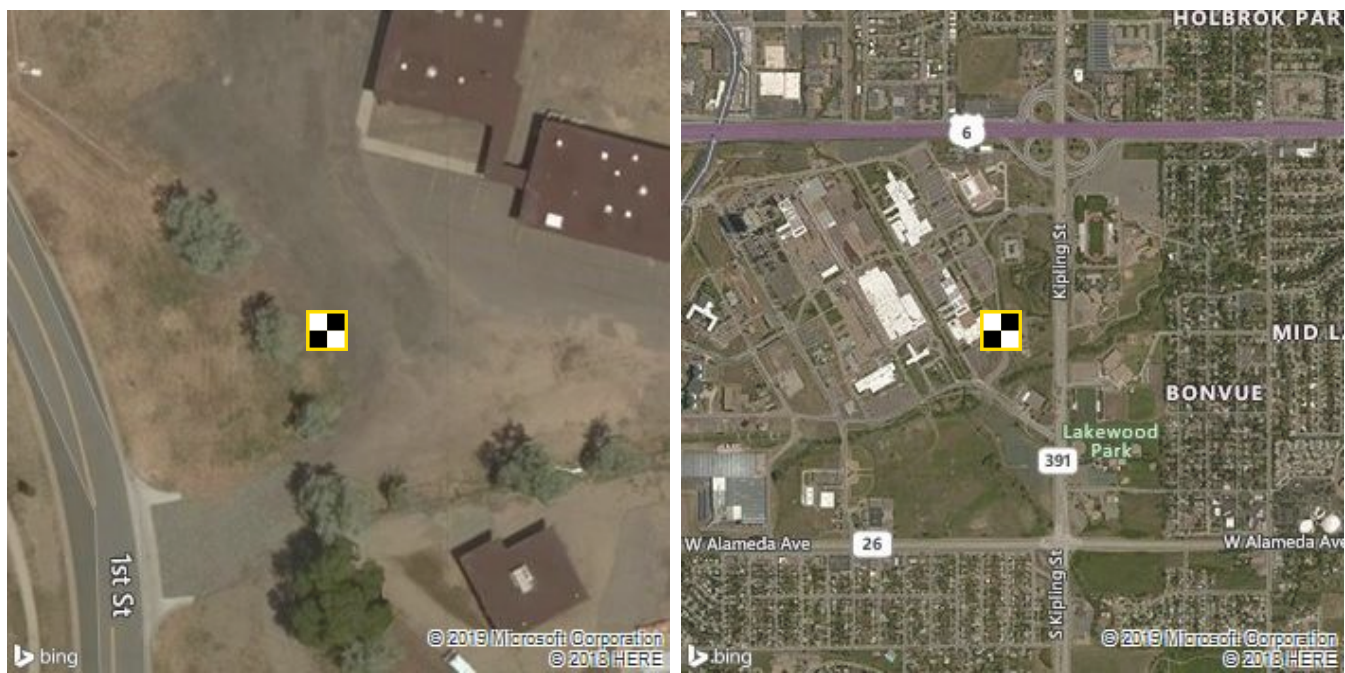
NAVD88 height

Height	1699.805 m
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Quality

Data points	1512
Points used	1512 (100.0%)
Baseline distance	7.00 km
Data variance	2.3 mm / 1.2 mm / 5.3 mm

Point 3



Point Number	3	Capture start	26 Mar 2019 12:17 PM MDT
Global ID	acf5d4ede2	Capture end	26 Mar 2019 4:28 PM MDT
AeroPoint ID	13017653	Duration	4:10
		Uploaded	27 Mar 2019 9:09 AM MDT

NAD83(2011)

Latitude	39.71811212° (39° 43' 5.20362" N)
Longitude	-105.11184694° (105° 6' 42.64897" W)
Ellipsoid height	1684.221 m

NAD83(2011) / UTM zone 13N

Easting	490413.636 m
Northing	4396477.163 m

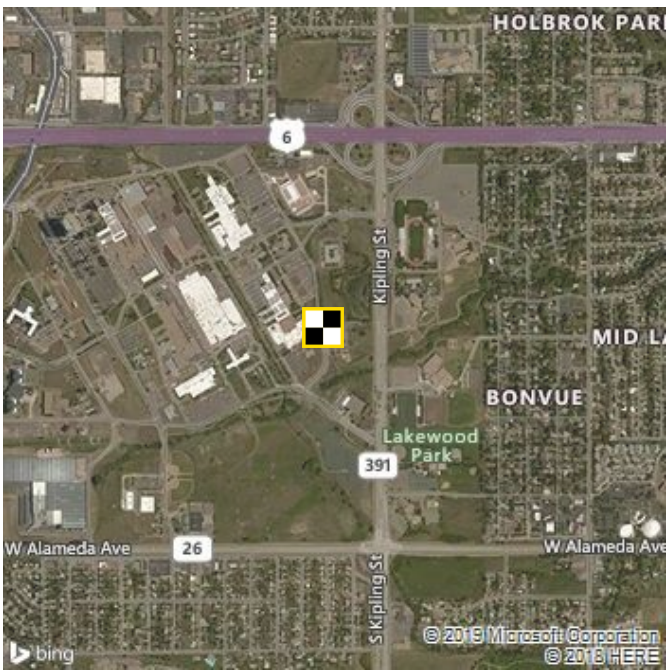
NAVD88 height

Height	1700.625 m
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Quality

Data points	1501
Points used	1500 (99.9%)
Baseline distance	0.06 km
Data variance	7.3 mm / 3.3 mm / 5.9 mm

Point 4



Point Number	4	Capture start	26 Mar 2019 12:18 PM MDT
Global ID	acd3e3d46b	Capture end	26 Mar 2019 4:27 PM MDT
AeroPoint ID	2319877	Duration	4:08
		Uploaded	27 Mar 2019 9:07 AM MDT

NAD83(2011)

Latitude	39.7183721° (39° 43' 6.13955" N)
Longitude	-105.11175337° (105° 6' 42.31213" W)
Ellipsoid height	1687.403 m

NAD83(2011) / UTM zone 13N

Easting	490421.692 m
Northing	4396506.006 m

NAVD88 height

Height	1703.808 m
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Quality

Data points	1487
Points used	1486 (99.9%)
Baseline distance	0.08 km
Data variance	1.7 mm / 8.0 mm / 9.1 mm

Point 5



Point Number	5	Capture start	26 Mar 2019 12:20 PM MDT
Global ID	aca38795d6	Capture end	26 Mar 2019 4:25 PM MDT
AeroPoint ID	8366556	Duration	4:05
		Uploaded	27 Mar 2019 8:57 AM MDT

NAD83(2011)

Latitude	39.7191254° (39° 43' 8.85143" N)
Longitude	-105.11208794° (105° 6' 43.51658" W)
Ellipsoid height	1684.655 m

NAD83(2011) / UTM zone 13N

Easting	490393.12 m
Northing	4396589.647 m

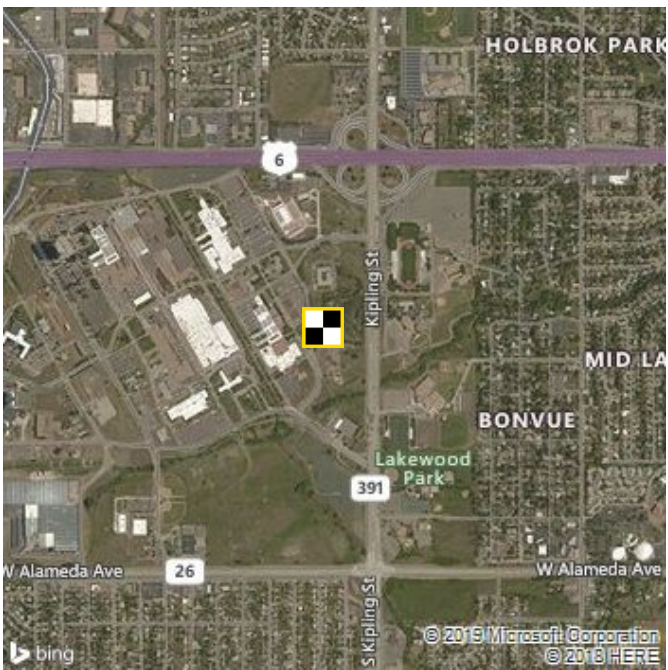
NAVD88 height

Height	1701.058 m
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Quality

Data points	1469
Points used	1468 (99.9%)
Baseline distance	6.93 km
Data variance	2.2 mm / 5.1 mm / 6.2 mm

Point 6



Point Number	6	Capture start	26 Mar 2019 12:22 PM MDT
Global ID	aca18aad5d	Capture end	26 Mar 2019 4:24 PM MDT
AeroPoint ID	13073503	Duration	4:02
		Uploaded	27 Mar 2019 9:00 AM MDT

NAD83(2011)

Latitude	39.71916948° (39° 43' 9.01013" N)
Longitude	-105.11144997° (105° 6' 41.21989" W)
Ellipsoid height	1682.88 m

NAD83(2011) / UTM zone 13N

Easting	490447.806 m
Northing	4396594.472 m

NAVD88 height

Height	1699.288 m
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Quality

Data points	1455
Points used	1454 (99.9%)
Baseline distance	0.17 km
Data variance	1.7 mm / 1.3 mm / 4.0 mm

Point 7



Point Number	7	Capture start	26 Mar 2019 12:23 PM MDT
Global ID	acf7015571	Capture end	26 Mar 2019 4:24 PM MDT
AeroPoint ID	8366542	Duration	4:00
		Uploaded	27 Mar 2019 10:08 PM MDT

NAD83(2011)

Latitude	39.71866427° (39° 43' 7.19136" N)
Longitude	-105.11155226° (105° 6' 41.58815" W)
Ellipsoid height	1683.769 m

NAD83(2011) / UTM zone 13N

Easting	490438.969 m
Northing	4396538.411 m

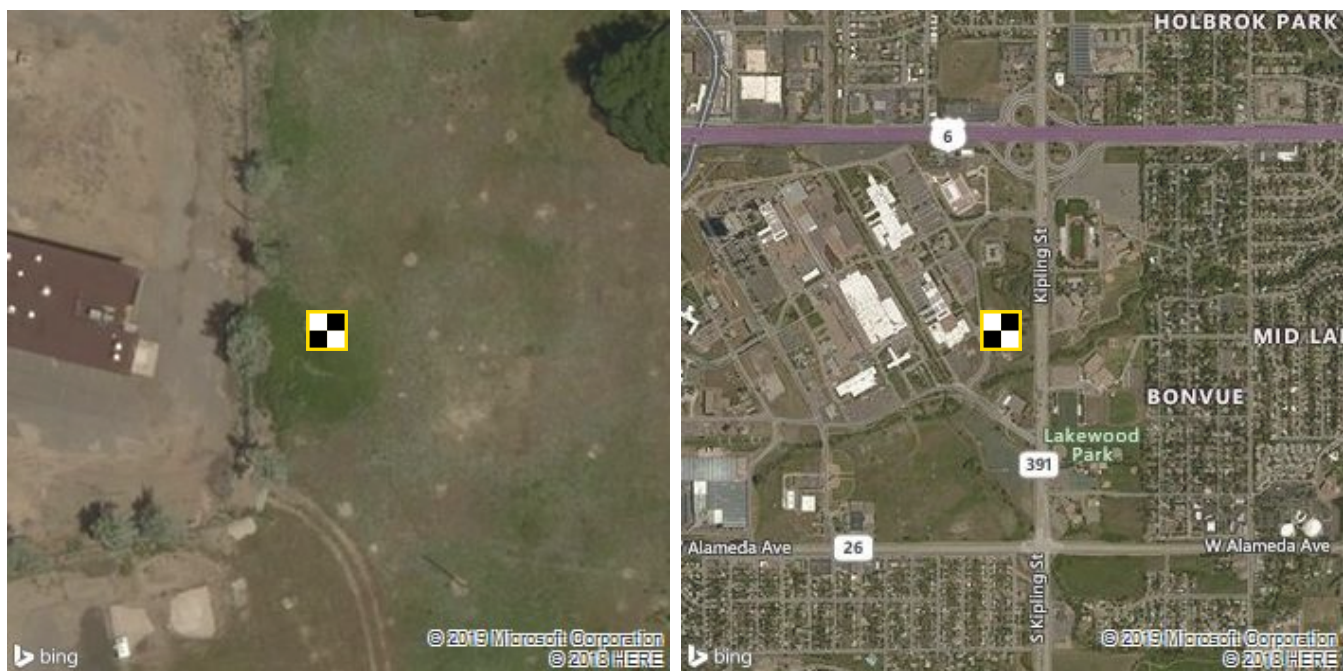
NAVD88 height

Height	1700.176 m
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Quality

Data points	1444
Points used	1444 (100.0%)
Baseline distance	0.11 km
Data variance	0.8 mm / 5.0 mm / 8.1 mm

Point 8



Point Number	8	Capture start	26 Mar 2019 12:25 PM MDT
Global ID	ac08d981ad	Capture end	26 Mar 2019 4:23 PM MDT
AeroPoint ID	2324199	Duration	3:57
		Uploaded	27 Mar 2019 9:12 AM MDT

NAD83(2011)

Latitude	39.71822033° (39° 43' 5.59321" N)
Longitude	-105.11100339° (105° 6' 39.61221" W)
Ellipsoid height	1680.241 m

NAD83(2011) / UTM zone 13N

Easting	490485.951 m
Northing	4396489.083 m

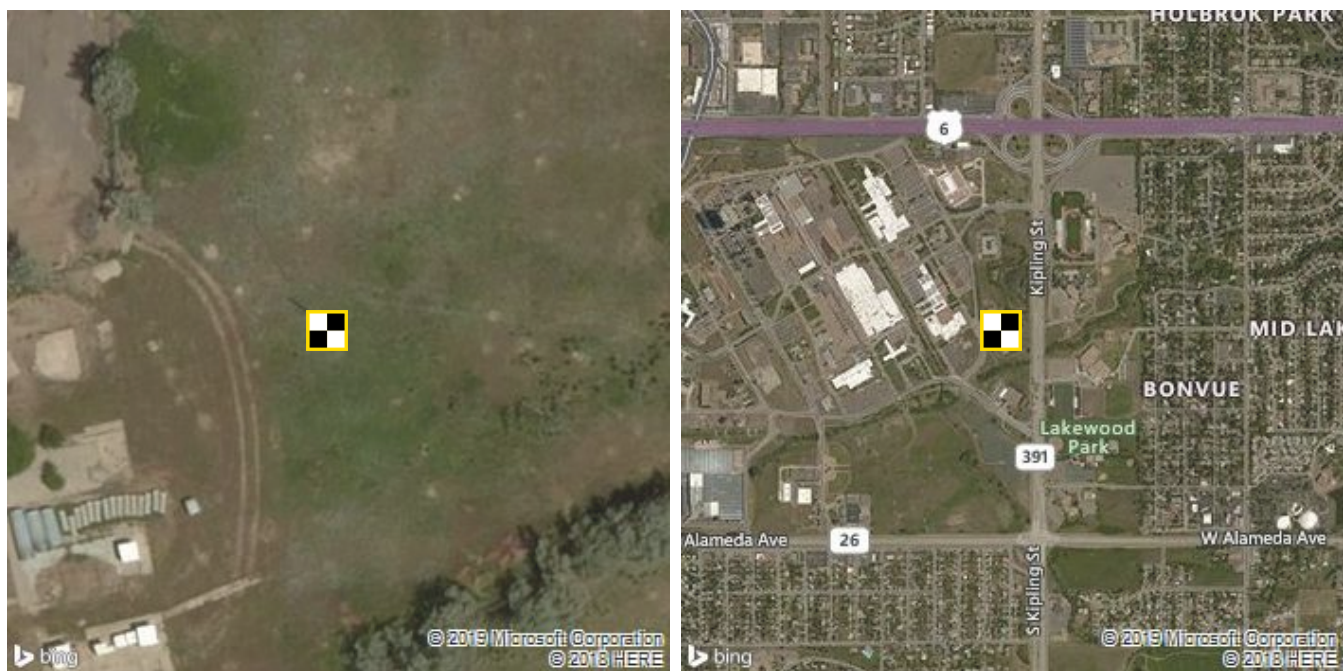
NAVD88 height

Height	1696.65 m
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Quality

Data points	1426
Points used	1425 (99.9%)
Baseline distance	0.07 km
Data variance	3.2 mm / 2.4 mm / 4.9 mm

Point 9



Point Number	9	Capture start	26 Mar 2019 12:29 PM MDT
Global ID	ac1189f3f0	Capture end	26 Mar 2019 4:22 PM MDT
AeroPoint ID	2320564	Duration	3:52
		Uploaded	27 Mar 2019 7:50 PM MDT

NAD83(2011)

Latitude	39.71794087° (39° 43' 4.58713" N)
Longitude	-105.11081206° (105° 6' 38.92342" W)
Ellipsoid height	1683.33 m

NAD83(2011) / UTM zone 13N

Easting	490502.311 m
Northing	4396458.047 m

NAVD88 height

Height	1699.74 m
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Quality

Data points	1396
Points used	1395 (99.9%)
Baseline distance	0.06 km
Data variance	5.4 mm / 1.2 mm / 2.7 mm