

TYLI Project No. 370156.00

TY·LIN INTERNATIONAL

PROJECT CONTROL SURVEY REPORT

FOR
AZIMUTH PAIR SURVEY
CONTROL STATIONS

DELAWARE, SULLIVAN, AND ULSTER COUNTIES,
NEW YORK
(ASHOKAN, EAST BRANCH DELAWARE RIVER, NEVERSINK, RONDOUT AND
WEST BRANCH DELAWARE RIVER WATERSHEDS)

November 30, 2012
Revised October 03, 2013
Revised January 14, 2014

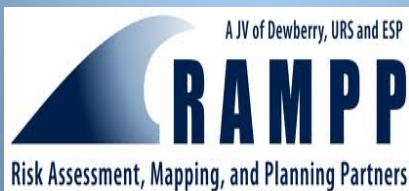
Prepared for:
New York City Department of Environmental Protection



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Prepared by: AHS

Reviewed by: RJK



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Professional Land Surveyor
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Date: 10/03/2013

Prepared by:

T.Y. Lin International

One Edgeview Drive, Hackettstown, NJ 07840

Project Control Survey Report
Azimuth Pair Survey Control Stations
NYC DEP West of the Hudson Watershed Supply
November 30, 2012, Revised October 03, 2013

Introduction

T.Y. Lin International Engineering, Architectural and Surveying, P.C. (TYLI) has entered into an agreement dated August 23, 2010 with ESP Associates, P.A. and RAMPP to provide surveying services within the New York City Department of Environmental Protection (NYC DEP) West of the Hudson Watershed Supply Areas in the Catskill Region of New York State. The Scope of Work for TYLI included setting inter-visible pairs of survey control stations for use by NYC DEP and local surveyors performing survey in the region. This work was performed in conjunction with stream cross section and structure surveys by TYLI throughout the watershed areas.

Guidelines & Specifications

Monuments set for the azimuth pairs consist of ¾" diameter iron bars 4' long with aluminum caps or aluminum disks set in concrete structures. Aluminum disks and caps were stamped with "NYC DEP Control" and also stamped with the abbreviation for the watershed and the station number. Materials and identification methods for the azimuth pairs were approved by NYC DEP prior to the setting of the azimuth pairs.

The approximate locations for the azimuth pairs were selected by TYLI and submitted to NYC DEP for approval. NYC DEP reviewed the proposed locations and with input from local surveyors, returned revised general locations for the azimuth pairs. The final locations were selected by TYLI in the field to account for line of site between the stations, access to the stations, and the location of stable ground or structure in which to place the monument.

The Horizontal Datum specified for this project is the New York State Plane Coordinate System East Zone (Zone 3101) NAD83/CORS96 Epoch 2002.0000. The Vertical Datum specified is the North American Vertical Datum of 1988 (NAVD88). Elevations were computed using GEOID09. The unit of measure specified is the U.S. Survey Foot. Survey control established for this project meets a 2 cm (0.07 feet) or better horizontal and vertical accuracy, with a 95% confidence level, relative to the primary control stations detailed below (TYLI Primary Bases, CORS).

Primary GPS Control & Survey Procedures

To establish the stated azimuth pair monuments, TYLI established a project control network consisting of twelve (12) Primary Base Stations using rapid static GPS procedures. The published control used to establish the network consisted of five (5) National Geodetic Survey (NGS) Continuously Operating Reference Stations (CORS), three (3) Cooperative Base Network Control Stations (CBNCS) and a National Geodetic Survey (NGS) Station with a vertical accuracy of Second Order Class II.

The GPS observations were performed with four (4) Leica Series 1200 dual frequency receivers and five (5) Leica Series 500 dual frequency receivers. Four (4) GPS receivers were set on the CBNCS and NGS Stations while other GPS receivers occupied the Primary Base Stations. In all instances the occupation times exceeded the manufacturers recommended occupation time of 5 minutes plus 1 minute for each kilometer separation between simultaneously operating receivers. The occupations were repeated later on the same day or on subsequent days to collect data with varying satellite configurations.

In the network adjustment, horizontal and vertical published positions were fixed for the CORS sites and the CBNCS sites. Only the vertical position of the Second Order Class II NGS station was held fixed. The following tables detail the CORS, CBNCS and NGS Stations used in the project control network and the Primary Base Stations established by TYLI:

CORS ID	PID	Northing	Easting	Elevation (Published)
NYCS	DK7175	1396760.42	495789.33	988.75
NYHC	DI0460	1139354.28	276522.14	954.75
NYHS	DI0466	1246359.10	693120.10	175.78
NYKT	DI0468	1130911.22	619674.82	203.46
NYON	DI0608	1314550.46	326991.04	1109.10

NGS ID	TYPE	PID	Northing	Easting	Elevation
DELHI	CBNCS	AA7906	1263592.87	384594.17	1417.14
MARGARET	CBNCS	AA7928	1201392.52	447730.48	1317.62
SHANDAKEN	CBNCS	AB3881	1162751.04	554470.01	657.42
CARP	NGS	DH3545	N/A	N/A	834.78

The following are contained in appendix A.

- A map showing the TYLI Primary Control Network, referenced NGS and CORS stations
- NGS Data Sheets for the referenced NGS and CORS stations
- Survey Control Data sheets for the TYLI Primary Base Stations

TYLI Primary Base	Northing	Easting	Elevation	Description
ANDES	1221171.93	410601.27	1815.48	Iron Bar and Cap marked "Medina Control"
BOICEVILLE	1155600.58	555590.98	624.21	
CLARYVILLE	1122994.59	472310.71	1617.20	
DELHI	1252952.49	376626.39	1555.41	Iron Bar and Cap Found
FLEISHMANN'S	1210475.36	482605.00	1488.67	Iron Bar and Cap marked "Medina Control"
HUNTER	1231139.96	567156.55	1596.76	
MARGARETVILLE	1207773.59	452750.08	1317.49	
PHOENICIA	1183216.96	541632.63	836.33	
SOUTH KORTRIGHT	1278322.68	433154.73	1519.59	Iron Spike Set in Concrete Sidewalk
STAMFORD	1302218.19	460345.26	1829.55	
SUNDOWN	1100055.96	488459.78	858.05	Iron Bar and Cap marked "Medina Control"
WALTON	1215202.37	320460.35	1207.77	Survey Spike

- Network Adjustments of the TYLI Primary Control Network

Survey of Azimuth Pairs

Following the setting of the survey control stations, the horizontal and vertical coordinates of the azimuth pairs were established by rapid static GPS survey methods, referencing the Primary Base Stations, and the NGS CORS stations outlined above. Occupation times and procedures for the GPS survey were in accordance with the guidelines used to establish the primary control stations to achieve the specified horizontal and vertical accuracy.

Azimuth Pair Coordinate Listing

Below are the resulting coordinates and elevations for the azimuth pairs set and surveyed in each of the watershed areas. Maps showing the TYLI established Azimuth Pairs (Per Watershed) Data Sheets for each point are attached in Appendix A.

Neversink (NEV) Watershed

Station ID	Northing	Easting	Ortho Height	Combined S.F.
NEV 1	1124487.2002	471974.8792	1638.88	0.999826860
NEV 2	1123835.3496	472499.5927	1625.98	0.999827460
NEV 3	1126630.5525	477599.3806	1695.34	0.999823940
NEV 4	1126441.4438	476909.8787	1687.59	0.999824330

Rondout (RON) Watershed

Station ID	Northing	Easting	Ortho Height	Combined S.F.
ROND 1	1113003.9408	501854.3516	992.11	0.999857480
ROND 2	1112753.9598	502390.4757	1013.12	0.999856490
ROND 3	1102179.1886	470426.5605	1155.16	0.999850100
ROND 4	1102243.8350	471168.4738	1140.17	0.999850780
ROND 5	1097450.1268	480056.8702	911.98	0.999861380
ROND 6	1096754.1153	479957.5166	922.04	0.999860900
ROND 7	1102093.3129	488978.7957	864.28	0.999863500
ROND 8	1102745.9123	489473.5236	856.34	0.999863880

Ashokan (Esopus) Watershed

Station ID	Northing	Easting	Ortho Height	Combined S.F.
ASH 1	1170036.8860	506711.2648	1572.62	0.999829770
ASH 2	1170579.8412	506369.0971	1554.90	0.999830600
ASH 3	1191217.0983	507038.4754	1214.88	0.999846870
ASH 4	1191026.9764	507539.9152	1211.39	0.999847050
ASH AZ-5	1200720.4746	499124.2684	1482.23	0.999833880
ASH AZ 6	1200967.0716	498646.7519	1446.58	0.999835580
ASH 7	1198420.0528	519228.0520	1087.57	0.999853550
ASH 8	1197706.5533	519667.0102	1067.29	0.999854550
ASH 9	1208372.7576	515757.0986	1395.61	0.999838620
ASH 10	1209057.7338	515623.5055	1423.60	0.999837270
ASH AZ 11	1195396.0648	529069.2172	979.77	0.999859440
ASH AZ-12	1194945.0618	529993.0609	971.73	0.999859900
ASH 13	1201049.0597	557156.6668	1342.62	0.999845410
ASH 14	1200738.5558	556353.1130	1318.36	0.999846450
ASH 15	1190429.5264	546061.0578	1033.14	0.999858690
ASH 16	1190579.0505	546633.7491	1051.38	0.999857890
ASH 17	1183785.5888	542118.1851	820.80	0.999868370
ASH 18	1183239.1034	541718.4931	827.36	0.999868010
ASH 19	1178283.3254	544339.0055	761.72	0.999871460
ASH 20	1177748.1761	544214.8501	759.37	0.999871560
NYSDOT 8-U-047	1180676.6640	567271.4274	1057.23	0.999860720
U279 RESET 1973	1179583.5842	566748.7304	1047.84	0.999861080
ASH 23	1178172.8489	577570.8289	1112.69	0.999859980
ASH 24	1178462.1282	576629.6242	1125.16	0.999859200
ASH AZ-25	1165675.7448	553184.0506	684.01	0.999876360
ASH AZ-26	1167915.4185	552260.1135	688.36	0.999876020
ASH 27	1155614.7148	555603.5085	623.60	0.999879620
ASH 28	1156460.5415	555432.6591	641.37	0.999878740
ASH AZ-29	1141533.1952	550131.4027	674.12	0.999876450
ASH AZ-30	1141678.6693	550001.3663	674.51	0.999876410

East Branch Delaware River (EBDR) Watershed

Station ID	Northing	Easting	Ortho Height	Combined S.F.
EBDR AZ-1	1212907.3015	411595.9211	1518.69	0.999839480
EBDR AZ-2	1213284.8212	411959.4807	1562.57	0.999837320
EBDR AZ-3	1221369.7800	414125.7572	1586.14	0.999835800
EBDR AZ-4	1222254.8229	414336.2066	1593.11	0.999835430
EBDR AZ-5	1199983.9724	440383.8803	1320.73	0.999844580
EBDR AZ-6	1200295.1207	439835.9931	1324.36	0.999844470
EBDR AZ 7	1207674.6439	439259.1767	1377.26	0.999842020
EBDR AZ-8	1208068.8901	439581.5282	1390.55	0.999841340
EBDR AZ-9	1207965.8108	452927.5005	1326.18	0.999843020
EBDR AZ-10	1207595.6798	452520.1139	1316.07	0.999843540
EBDR AZ-11	1207054.9729	458626.5223	1352.92	0.999841270
EBDR AZ-12	1207101.5854	457915.1194	1369.39	0.999840540
EBDR AZ-13	1212380.7993	458981.3935	1345.06	0.999841620
EBDR AZ-14	1212382.4941	459492.2688	1343.82	0.999841640
EBDR AZ-15	1220940.2386	465406.3769	1383.30	0.999839350
EBDR AZ-16	1221852.9444	465433.3303	1387.04	0.999839170
EBDR AZ-17	1229705.2735	465543.7311	1507.19	0.999833430
EBDR AZ-18	1229929.1135	466155.4220	1522.43	0.999832660
EBDR AZ-19	1230736.9241	474017.5670	1685.84	0.999824460
EBDR AZ-20	1230634.9484	473231.4839	1626.17	0.999827340
EBDR AZ-21	1258776.1227	474612.4628	1474.34	0.999834550
EBDR AZ-22	1259402.6712	474905.2688	1477.00	0.999834410
EBDR AZ-23	1201277.4969	470761.8579	1500.54	0.999833450
EBDR AZ-24	1200902.3510	471453.2731	1517.35	0.999832620
EBDR AZ-25	1211635.0416	477077.5760	1455.93	0.999835330
EBDR AZ-26	1211807.1630	476648.7762	1453.16	0.999835470
EBDR AZ-27	1210214.3127	482490.3145	1488.63	0.999833610
EBDR AZ-28	1210227.1825	483027.8000	1496.06	0.999833250

West Branch Delaware River (WBDR) Watershed

Station ID	Northing	Easting	Ortho Height	Combined S.F.
WBDR AZ-1	1210828.4247	312176.8491	1210.68	0.999883890
WBDR AZ-2	1211200.4297	313149.6279	1195.05	0.999884240
WBDR AZ-3	1215936.1994	320166.8101	1211.65	0.999880630
WBDR AZ-4	1216416.9260	320453.5327	1209.03	0.999880640
WBDR AZ-5	1224786.1809	314623.8691	1532.84	0.999867510
WBDR AZ-6	1225598.7108	314071.2515	1507.15	0.999868960
WBDR AZ-7	1228294.4737	324238.4515	1319.01	0.999873920
WBDR AZ-8	1229265.1239	324583.6333	1343.24	0.999872630
WBDR AZ-9	1219370.1848	326085.6763	1277.20	0.999875200
WBDR AZ-10	1219653.8351	326513.7733	1275.79	0.999875110
WBDR AZ-11	1247698.5052	343121.8032	1630.31	0.999852200
WBDR AZ-12	1249050.1510	342723.3276	1652.98	0.999851260
WBDR AZ-13	1222907.5083	357336.8394	1284.02	0.999864100
WBDR AZ-14	1222192.7722	357734.5032	1265.63	0.999864850
WBDR AZ-15	1229718.2516	363214.6338	1290.66	0.999862010
WBDR AZ-16	1230098.0775	361940.8460	1307.25	0.999861600
WBDR AZ-17	1248716.8408	413759.6192	1655.75	0.999832560
WBDR AZ-18	1248251.2167	413252.8856	1636.69	0.999833560
D309 RESET 1995	1253370.3778	377926.3047	1379.70	0.999853670
WBDR AZ-20	1252342.1847	378096.3980	1359.30	0.999854600
WBDR AZ-21	1255645.7149	380959.0285	1363.35	0.999853670
WBDR AZ-22	1255214.7781	380575.6298	1365.43	0.999853670
WBDR AZ-23	1269352.8408	403859.8875	1409.92	0.999846220
WBDR AZ-24	1269650.6157	404815.7223	1428.92	0.999845120
WBDR AZ-25	1279103.2271	432011.1475	1513.12	0.999836510
WBDR AZ-26	1278937.0099	432707.2090	1512.76	0.999836430
WBDR AZ-27	1288691.7816	445620.7867	1620.96	0.999829700
WBDR AZ-28	1288906.1754	446223.4602	1630.81	0.999829170
WBDR AZ-29	1300137.4867	457707.9589	1739.94	0.999822900
WBDR AZ-30	1300712.2604	457437.6874	1771.43	0.999821420

Survey Data & Accuracy

The survey control azimuth pairs were established under the supervision of a New York Licensed Land Surveyor. The horizontal datum, vertical datum, the unit of measure and data collection methods for the survey control azimuth pairs are in accordance with the project specifications. The accuracy of the horizontal and vertical coordinates of the azimuth pairs established by GPS survey meet the a 2 cm (0.07 feet) or better horizontal and vertical accuracy, with a 95% confidence level, relative to the primary control stations detailed below (TYLI Primary Bases, CORS).



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New York State License No. 050026

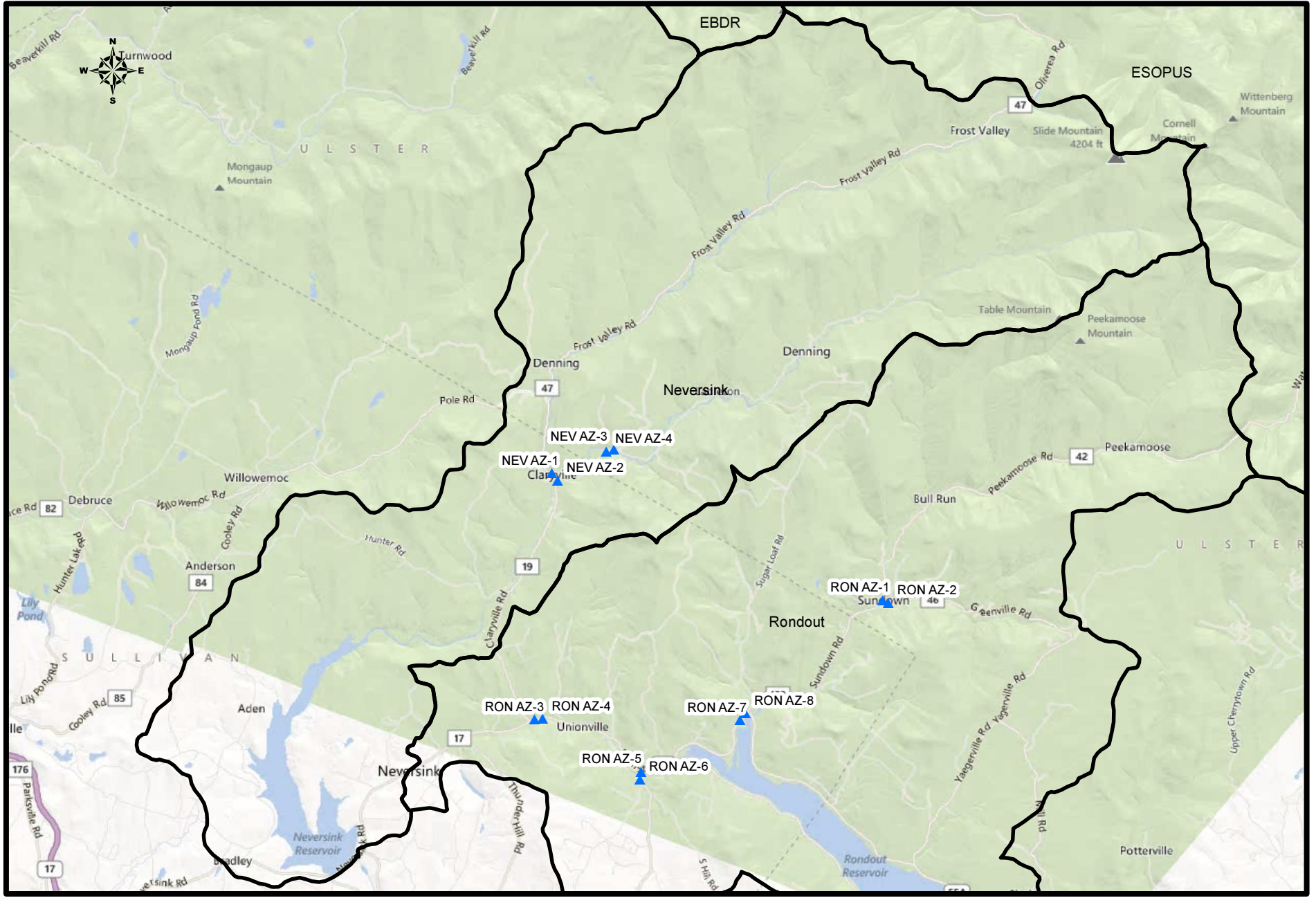


1-14-2013

Date

AZIMUTH PAIRS DATA SHEETS

Azimuth Pair Locations - Neversink Watershed



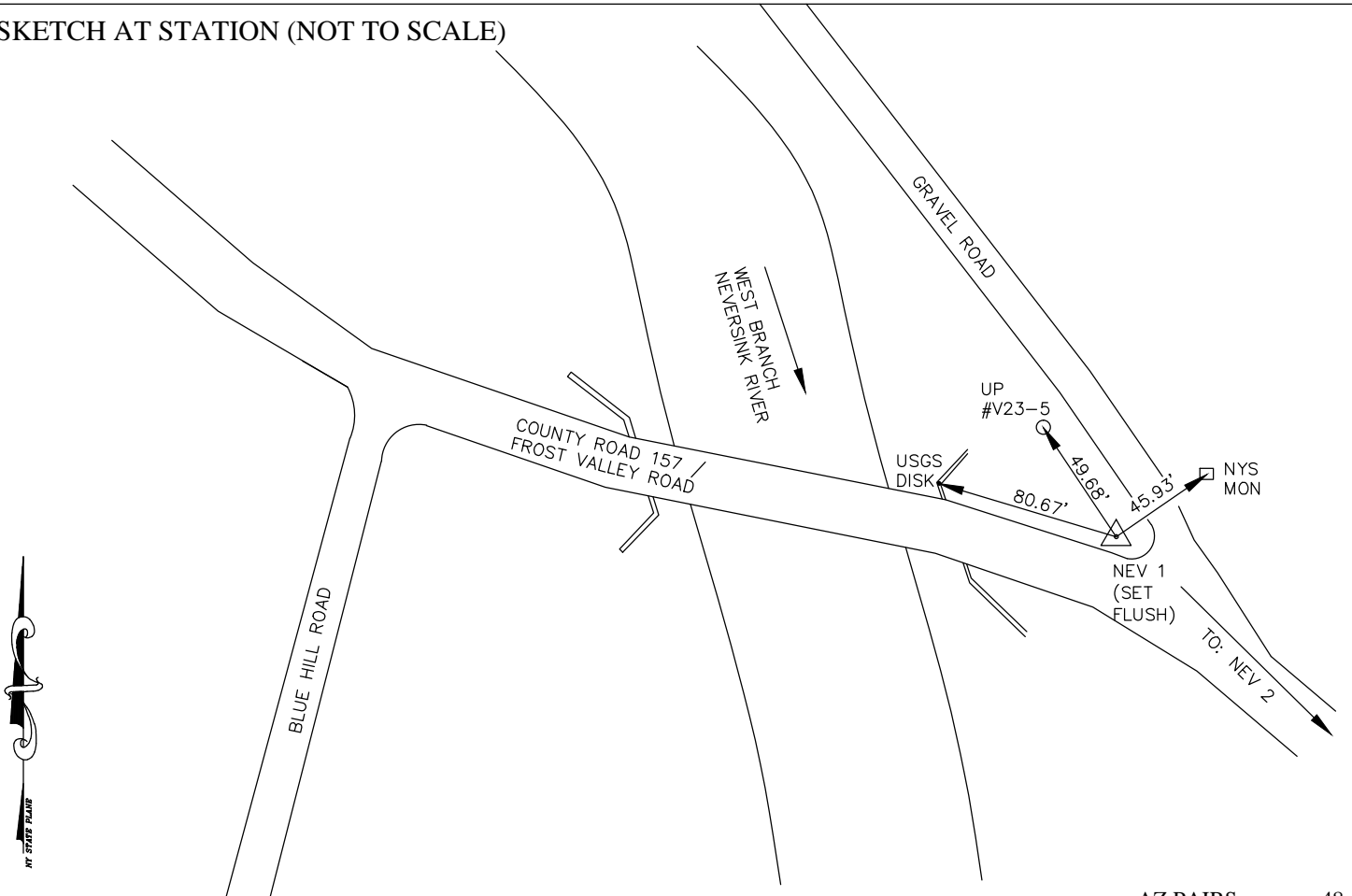
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County, NY		NAME OF STATION NEV 1		MONUMENT TYPE Bar & Cap	
NORTH : 1124487.2002 EAST : 471974.8792 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		NEV 2	836.80'	S 38°49'58" E	
ELEVATION : 1638.88 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999826860	-	
		2012	-	-	

DETAILED DESCRIPTION AT STATION

NEV 1 IS A BAR & CAP SET IN GROUND ON THE NORTHERLY SIDE OF FROST VALLEY ROAD (COUNTY ROAD 157), +/- 350' EAST FROM THE INTERSECTION OF BLUE HILL ROAD, NEAR THE NORTHEAST CORNER OF BRIDGE CROSSING OVER THE WEST BRANCH NEVERSINK RIVER. THE STATION IS LOCATED 80.67' SOUTHEAST FROM A USGS GAUGING STATION DISK ON THE NORTHERLY ABUTMENT OF THE BRIDGE, 49.68' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# VZ3-5) AND 45.93' SOUTHWEST FROM A NYS MONUMENT FOUND ON THE NORTHEASTERLY SIDE OF THE ROAD.

SKETCH AT STATION (NOT TO SCALE)



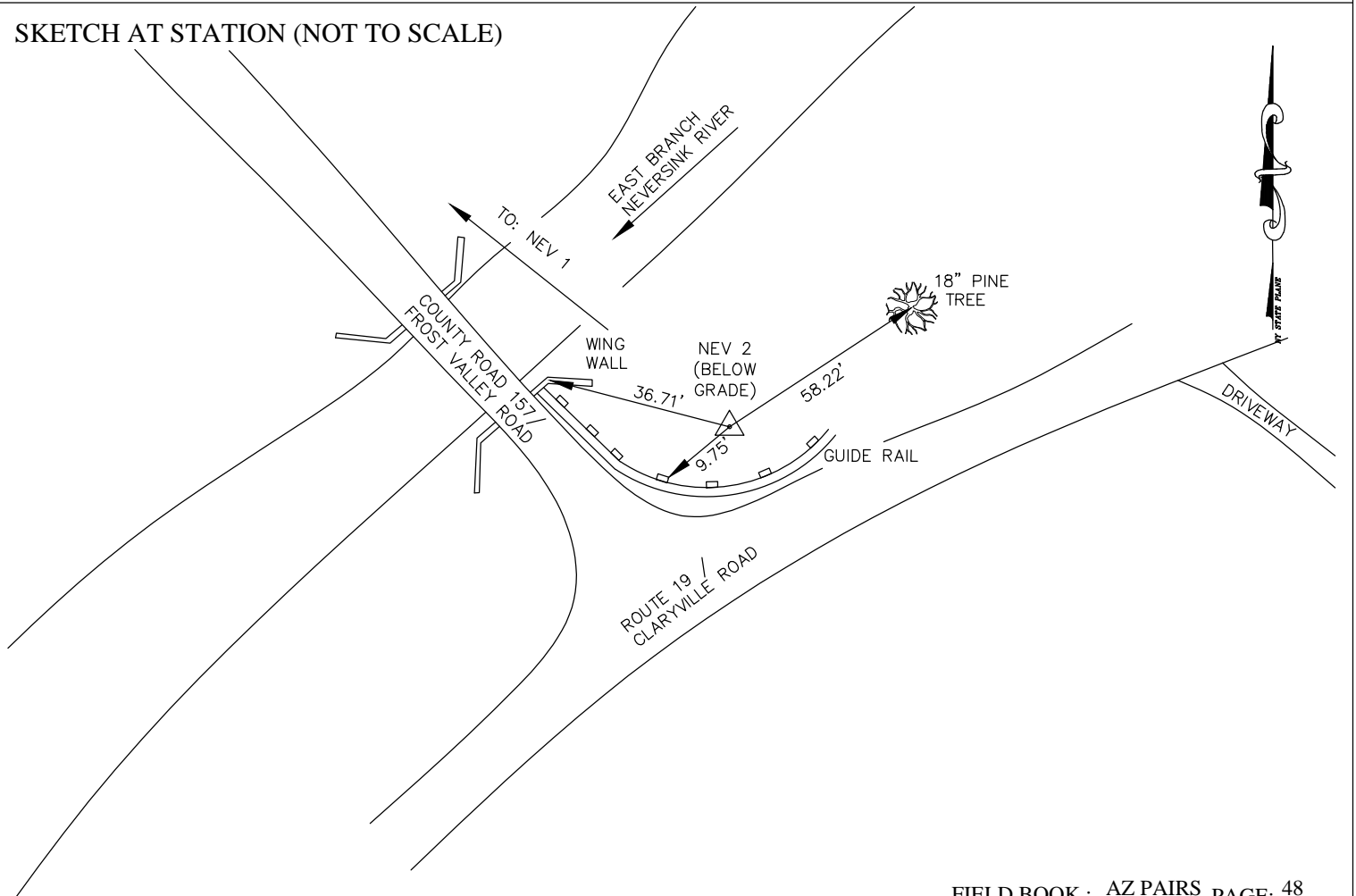
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County, NY		NAME OF STATION NEV 2		MONUMENT TYPE Bar & Cap	
NORTH : 1123835.3496 EAST : 472499.5927		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		NEV 1	836.80'	N 38°49'58" W	
ELEVATION : 1625.98 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999827460	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

NEV 2 IS A BAR & CAP SET IN A GRASS AREA AT THE NORTHEASTERLY CORNER OF THE INTERSECTION OF FROST VALLEY ROAD (COUNTY ROAD 157) AND CLARYVILLE ROAD (ROUTE 19) NEAR THE SOUTHEAST CORNER OF A BRIDGE CROSSING OVER THE EAST BRANCH NEVERSINK RIVER. THE STATION IS LOCATED 9.75' NORTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 36.71' SOUTHEAST FROM AN X-CUT SET ON THE SOUTHEAST WING WALL WING WALL OF SAID BRIDGE AND 58.22' SOUTHWEST FROM A "PK" NAIL SET IN AN 18" PINE TREE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

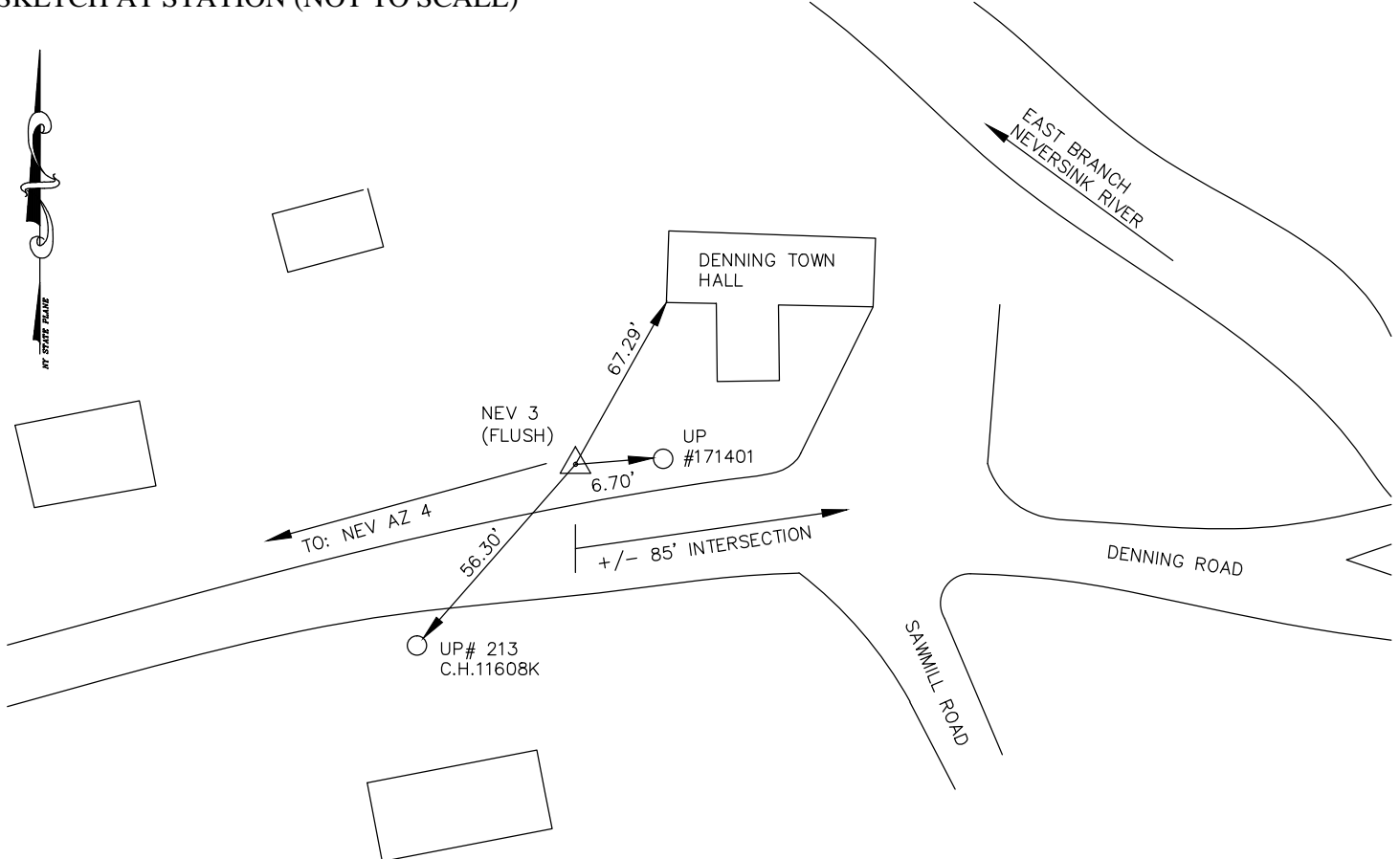
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Denning, Ulster County, NY		NAME OF STATION NEV 3		MONUMENT TYPE Bar & Cap
NORTH : 1126630.5525 EAST : 477599.3806	US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT NEV 4	GRID DISTANCE (FT) 714.97'	GRID BEARING S74°39'46"W	
ELEVATION : 1695.34	US FOOT		COMBINED S.F.	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	0.999823940	-
		-	-	-

DETAILED DESCRIPTION AT STATION

NEV 3 IS A BAR & CAP SET IN A GRASS +/- 85' WESTERLY FROM THE "T" INTERSECTION OF DENNING ROAD AND SAW MILL ROAD. THE STATION IS LOCATED 67.29' SOUTHWESTERLY FROM THE SOUTHWEST CORNER OF THE FOUNDATION WALL FOR DENNING TOWN HALL, 6.70' WESTERLY FROM A "PK" NAIL SET IN UTILITY POLE # CHG & E COMP 171401 AND 56.30' NORTHEAST FROM A "PK" NAIL SET IN UTILITY POLE #213 C.H. 11608K.

SKETCH AT STATION (NOT TO SCALE)



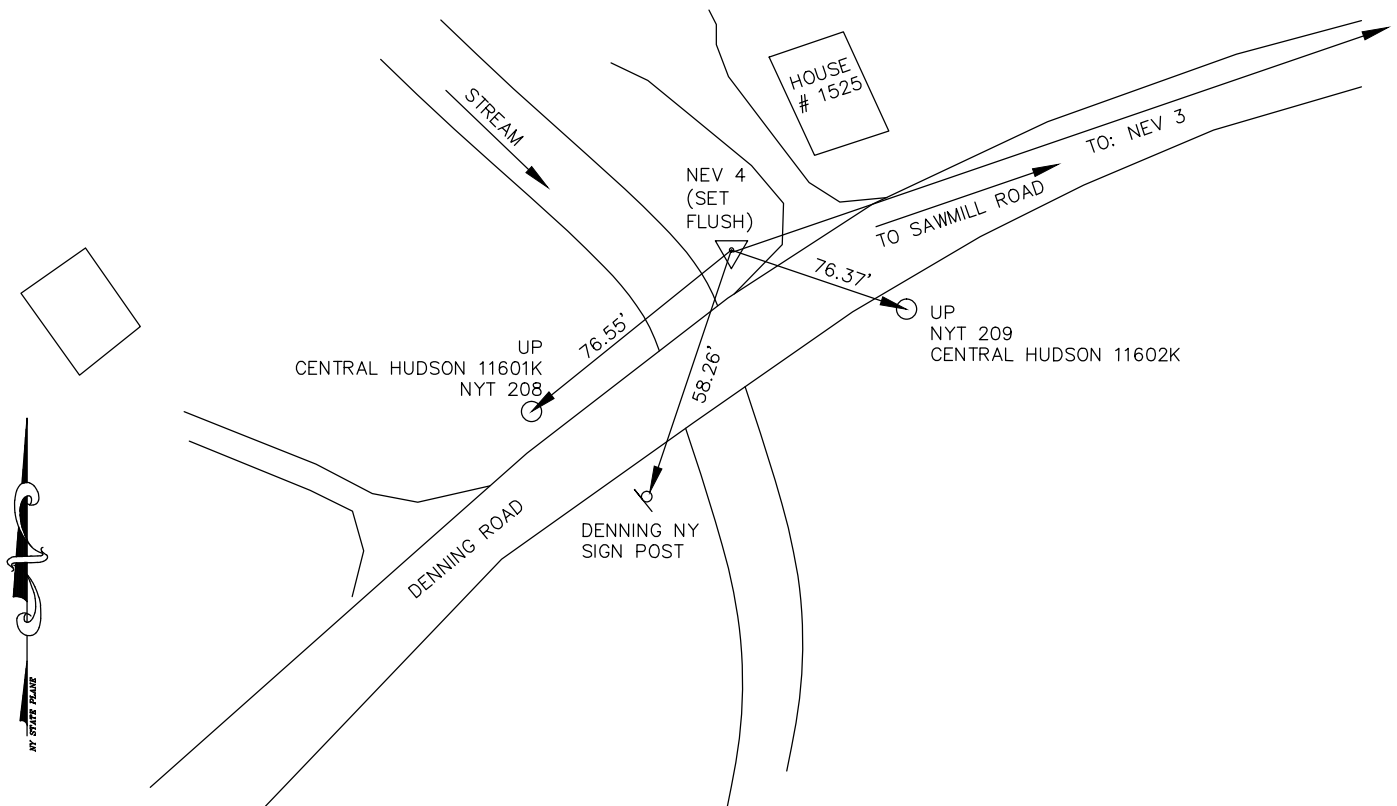
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Denning, Ulster County, NY		NAME OF STATION NEV 4		MONUMENT TYPE Bar & Cap	
NORTH : 1126441.4438 EAST : 476909.8787		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		NEV 3	714.97'	N 74°39'46" E	
ELEVATION : 1687.59 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999824330	-	
		2012	-	-	

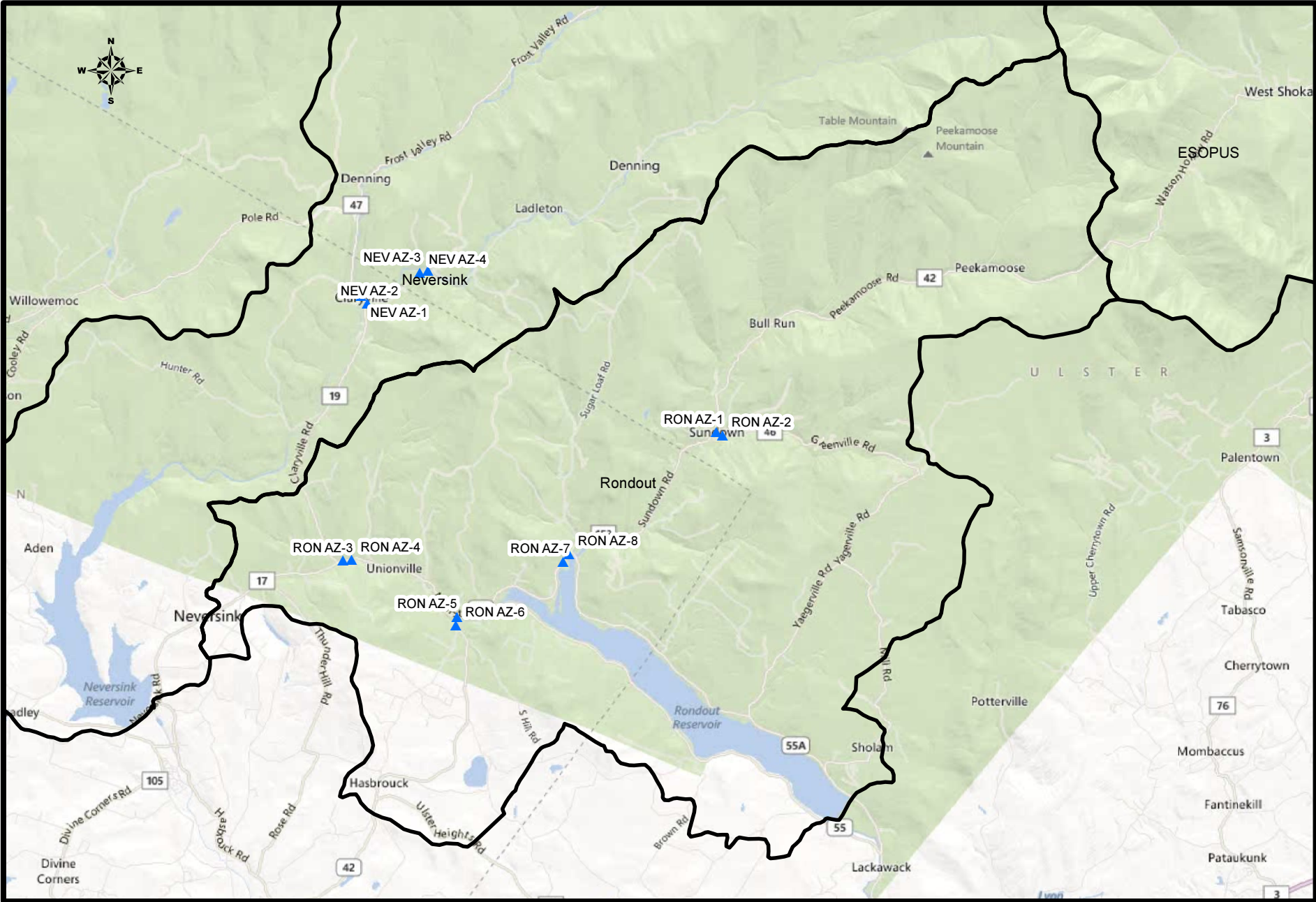
DETAILED DESCRIPTION AT STATION

NEV 4 IS A BAR & CAP SET IN GRASS ON THE NORTHERLY SIDE OF DENNING ROAD +/- 780' SOUTHWESTERLY FROM THE "T" INTERSECTION OF DENNING ROAD AND SAW MILL ROAD. THE STATION IS LOCATED 76.55' NORTHEASTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (NYT 208), 76.37' NORTHWESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (#209) AND 58.26' NORTHEASTERLY FROM AN X-CUT SET ON A SIGN POST (DENNING NY).

SKETCH AT STATION (NOT TO SCALE)



Azimuth Pair Locations - Rondout Watershed



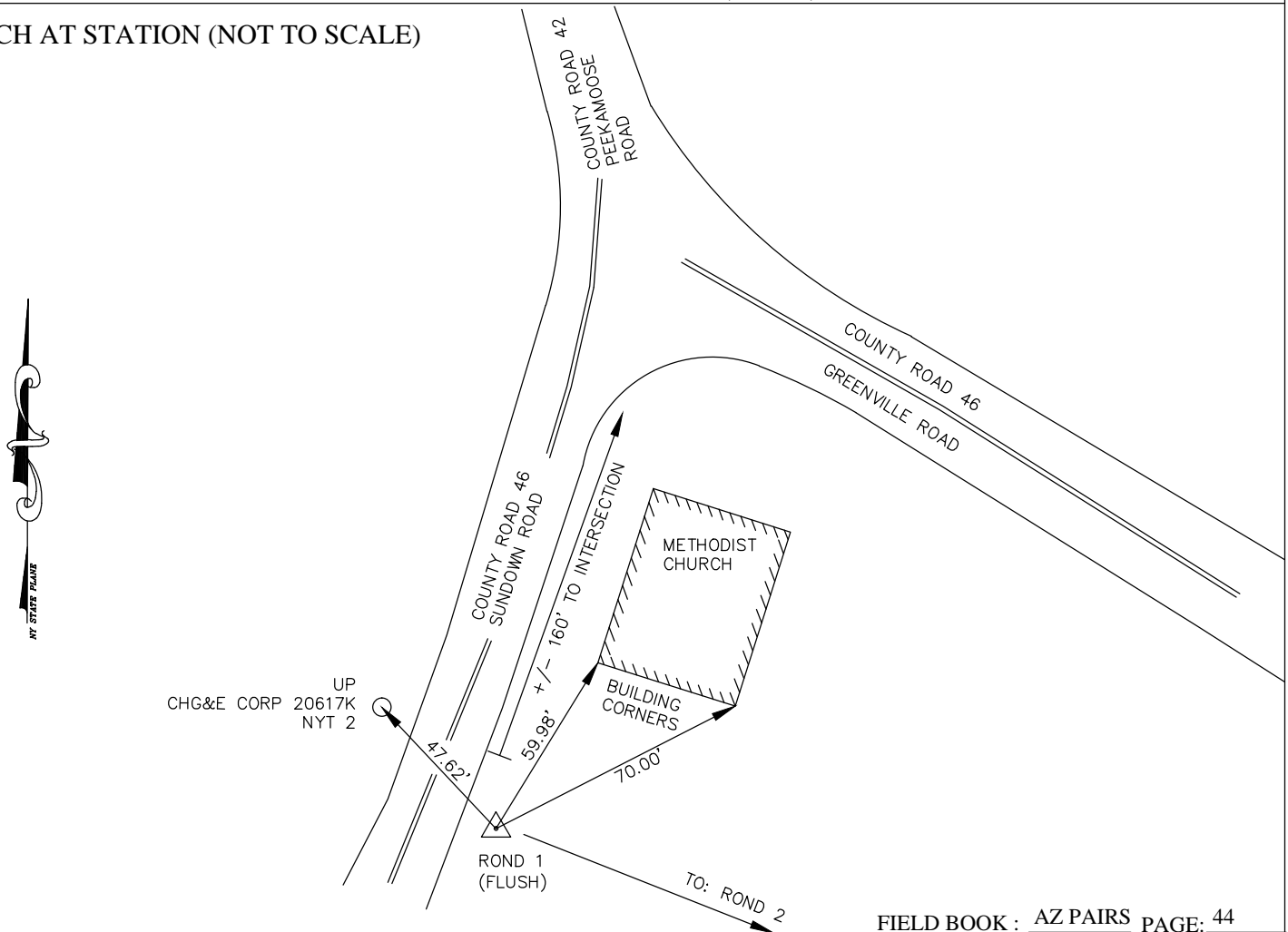
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Denning, Ulster County, NY		NAME OF STATION ROND 1		MONUMENT TYPE Bar & Cap	
NORTH : 1113003.9408 EAST : 501854.3516		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 2	591.54'	S 65°00'06" E	
ELEVATION : 992.11 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International		YEAR 2012	0.999857480	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

ROND 1 IS A BAR & CAP SET IN THE GRASS ON THE EASTERLY SIDE OF SUNDOWN ROAD +/- 160' FROM THE "T" INTERSECTION OF SUNDOWN ROAD AND GREENVILLE ROAD. THE STATION IS LOCATED 47.62' SOUTHEASTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (NYT 2), 59.98' SOUTHWESTERLY FROM THE SOUTHWEST BUILDING CORNER (SIDING) OF A METHODIST CHURCH AND 70.00' SOUTHWESTERLY FROM THE SOUTHEAST BUILDING CORNER (SIDING) OF THE METHODIST CHURCH.

SKETCH AT STATION (NOT TO SCALE)



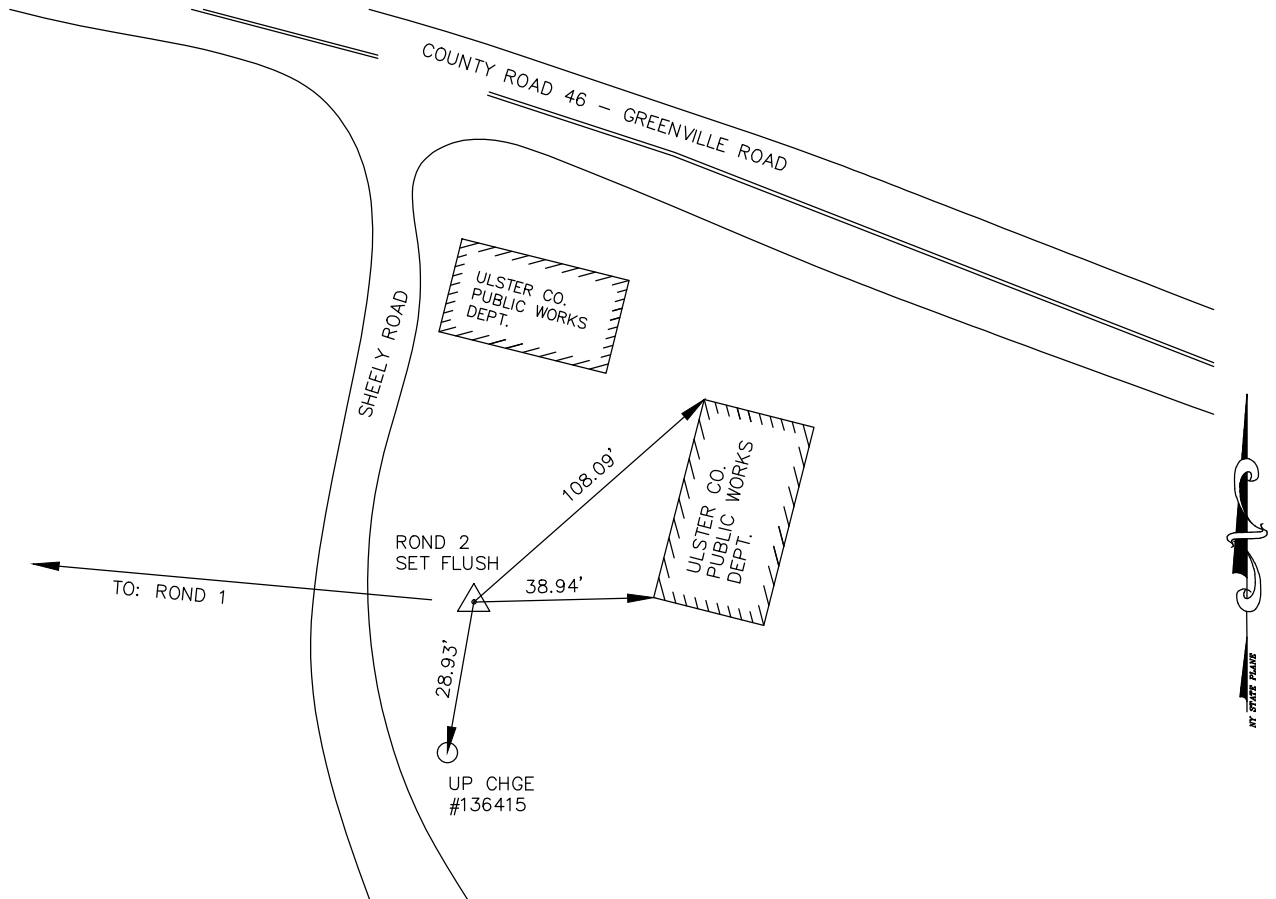
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Denning, Ulster County, NY		NAME OF STATION ROND 2		MONUMENT TYPE Bar & Cap	
NORTH : 1112753.9598 EAST : 502390.4757 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 1	591.54'	N 65°00'06" W	
ELEVATION : 1013.12 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999856490	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ROND 2 IS A BAR & CAP SET IN GRASS 200'+/- SOUTHERLY FROM THE INTERSECTION OF COUNTY ROAD 46 AND SHEELY ROAD. THE STATION IS LOCATED 28.93' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 136415), 38.94' WEST FROM THE SOUTHWEST CORNER OF BUILDING (ULSTER CO. PUBLIC WORKS DEPT.) AND 108.09' NORTHWEST FROM THE NORTHWEST CORNER OF BUILDING (ULSTER CO. PUBLIC WORKS DEPT.).

SKETCH AT STATION (NOT TO SCALE)



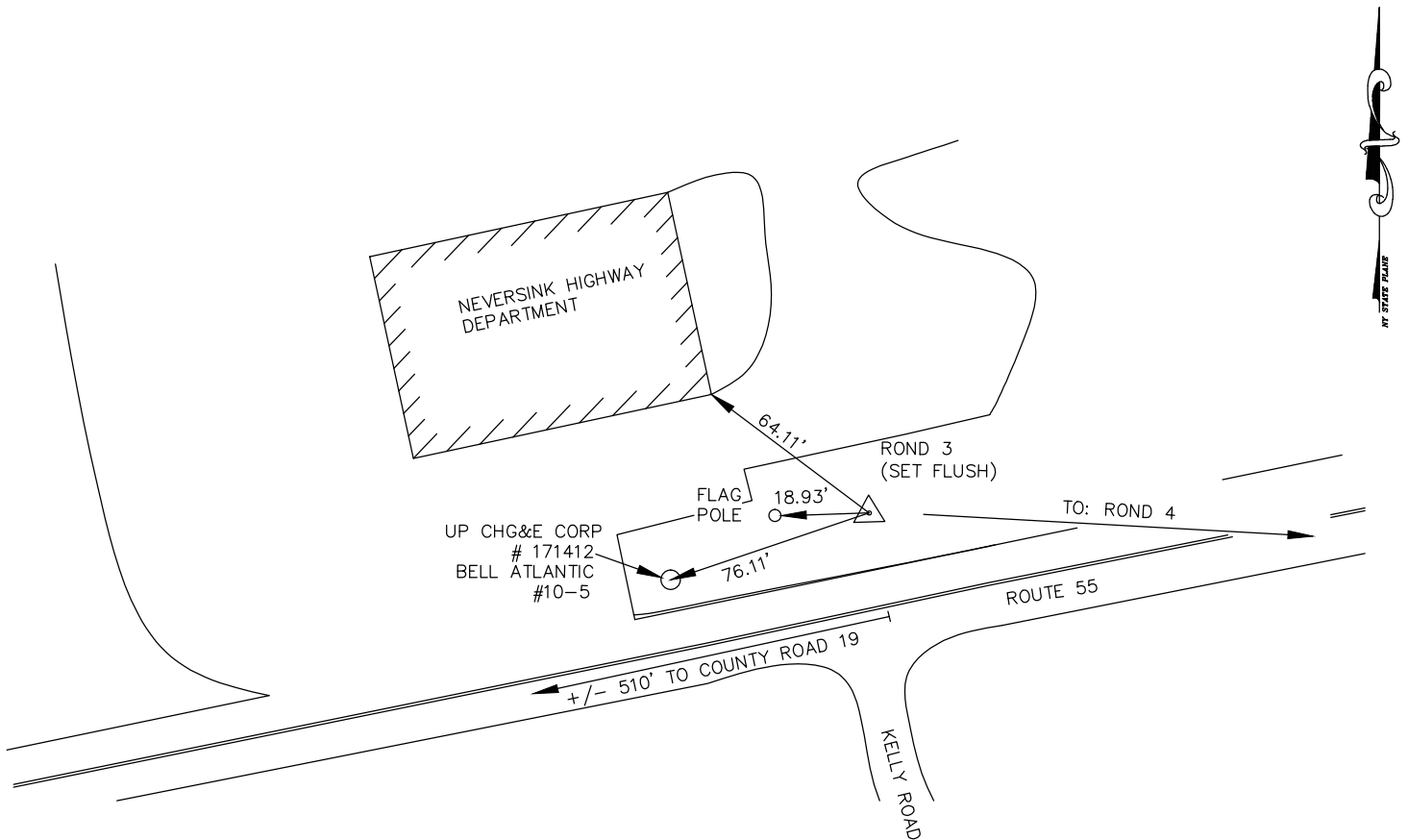
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 3		MONUMENT TYPE Bar & Cap	
NORTH : 1102179.1886 EAST : 470426.5605		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 4	744.72'	N 85°01'12" E	
ELEVATION : 1155.16 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999850100	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ROND 3 IS A BAR & CAP SET IN GRASS 510'+/- EASTERLY FROM THE INTERSECTION OF ROUTE 55 AND COUNTY ROAD 19. THE STATION IS LOCATED 76.11' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 171412 10-5), 18.93' EAST FROM AN X-CUT SET ON THE BASE OF A FLAG POLE AND 64.11' SOUTHEAST FROM THE SOUTHEAST CORNER OF BUILDING (NEVERSINK HIGHWAY DEPARTMENT).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

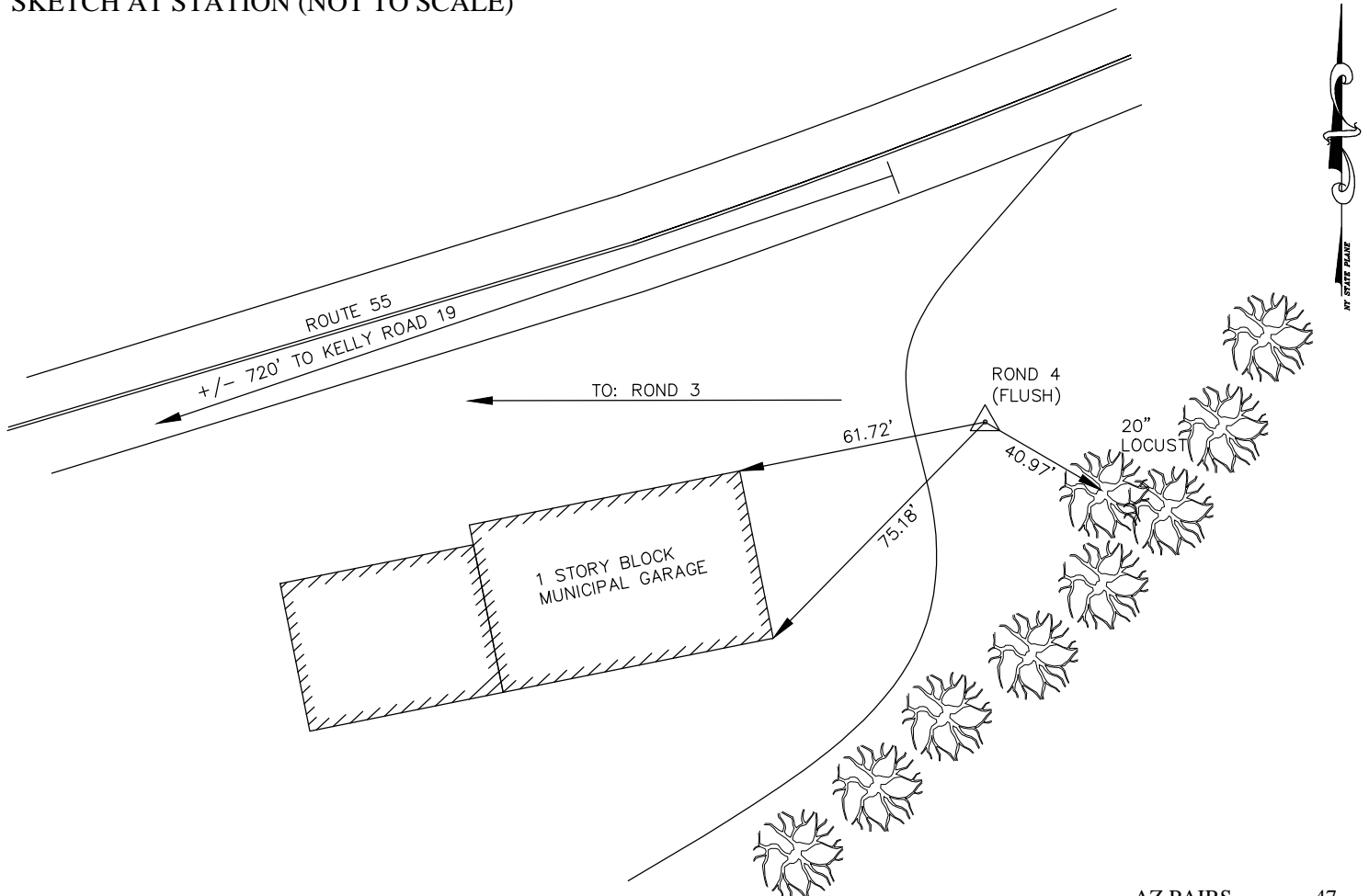
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 4		MONUMENT TYPE Bar & Cap	
NORTH : 1102243.8350 EAST : 471168.4738 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 3	744.72'	S 85°01'12" W	
ELEVATION : 1140.17 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999850780	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ROND 4 IS A BAR & CAP SET IN GRASS 700'+/- EASTERLY FROM THE "T" INTERSECTION OF ROUTE 55 AND KELLY ROAD. THE STATION IS LOCATED 40.97' NORTHWEST FROM A "PK" NAIL SET IN A 20" LOCUST TREE, 75.18' NORTHEAST FROM THE SOUTHEAST CORNER OF BUILDING (MUNICIPAL GARAGE) AND 61.72' NORTHEASTERLY FROM THE NORTHEAST CORNER OF BUILDING (MUNICIPAL GARAGE).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

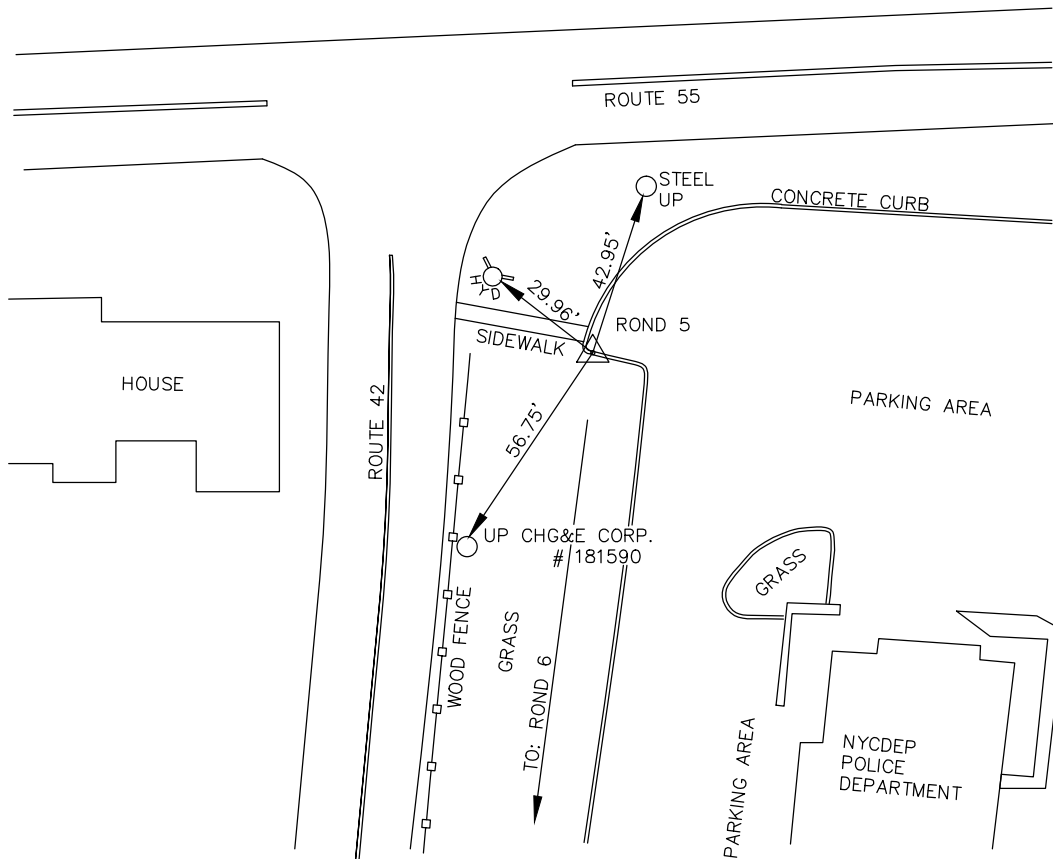
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 5		MONUMENT TYPE Disk
NORTH : 1097450.1268	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
EAST : 480056.8702				
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 6	703.07'	S 08°07'26" W
ELEVATION : 911.98	US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY:	YEAR	-	0.999861380	-
T.Y. Lin International Medina	2012	-	-	-

DETAILED DESCRIPTION AT STATION

ROND 5 IS A DISK SET ON A CONCRETE CURB NEAR THE SOUTHEAST OF THE INTERSECTION OF ROUTE 55 AND ROUTE 42. THE STATION IS LOCATED 29.96' SOUTHEAST FROM AN X-CUT SET ON A FIRE HYDRANT BOLT, 42.95' SOUTHWEST FROM AN X-CUT SET ON A BASE BOLT FOR A STEEL UTILITY POLE AND 56.75' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

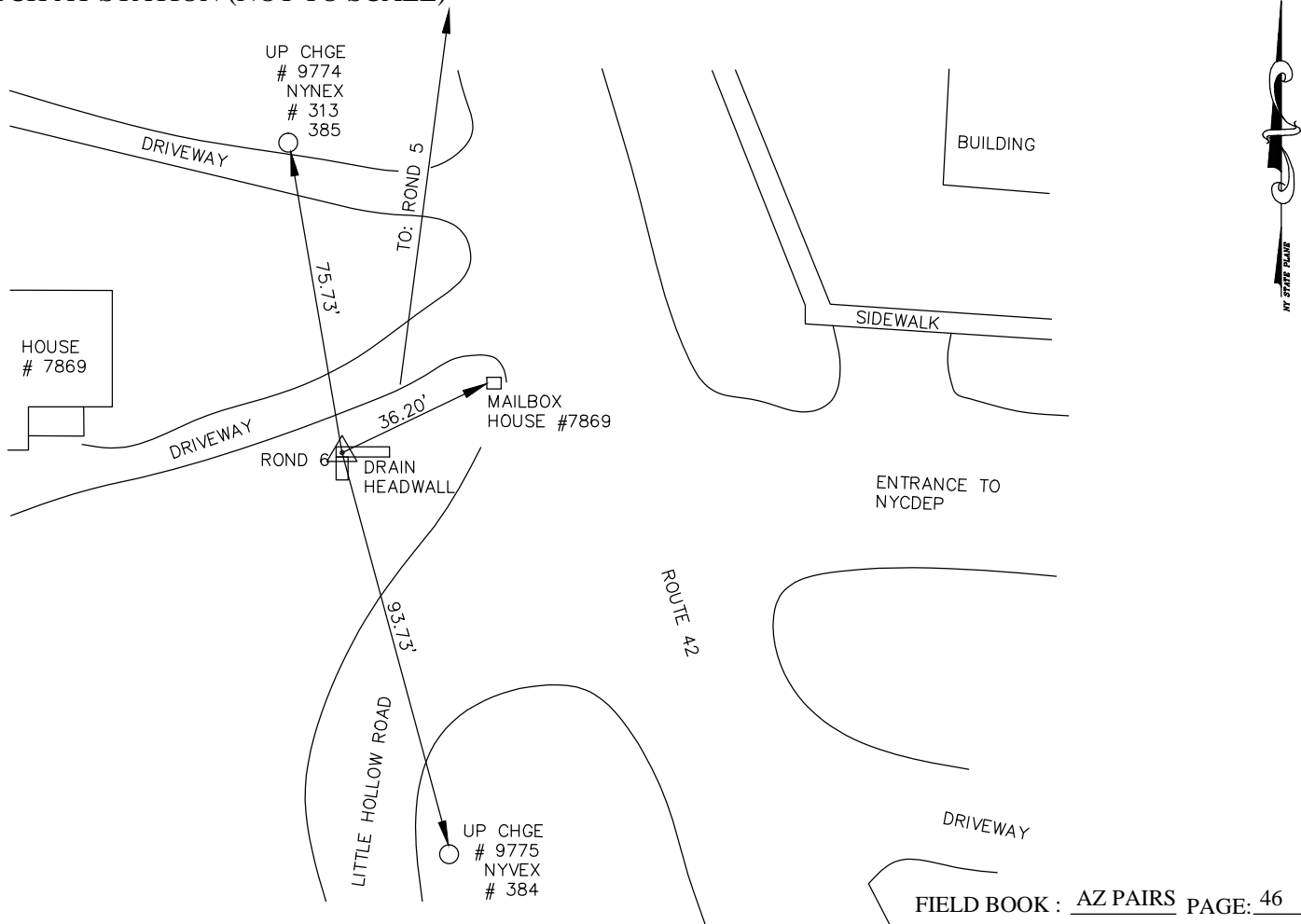
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 6		MONUMENT TYPE Disk
NORTH : 1096754.1153	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
EAST : 479957.5166				
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 5	703.07'	N 08°07'26" E
ELEVATION : 922.04	US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	0.999860900	-
		-	-	-

DETAILED DESCRIPTION AT STATION

ROND 6 IS A DISK SET ON A CONCRETE HEADWALL AT THE NORTHWEST CORNER OF THE INTERSECTION BETWEEN ROUTE 42 AND LITTLE HOLLOW ROAD. THE STATION IS LOCATED 75.73' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 9774 313-385), 36.20' SOUTHWEST FROM A "PK" NAIL SET IN THE CORNER OF A MAILBOX POST (# 7969) AND 93.73' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 9775 384).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

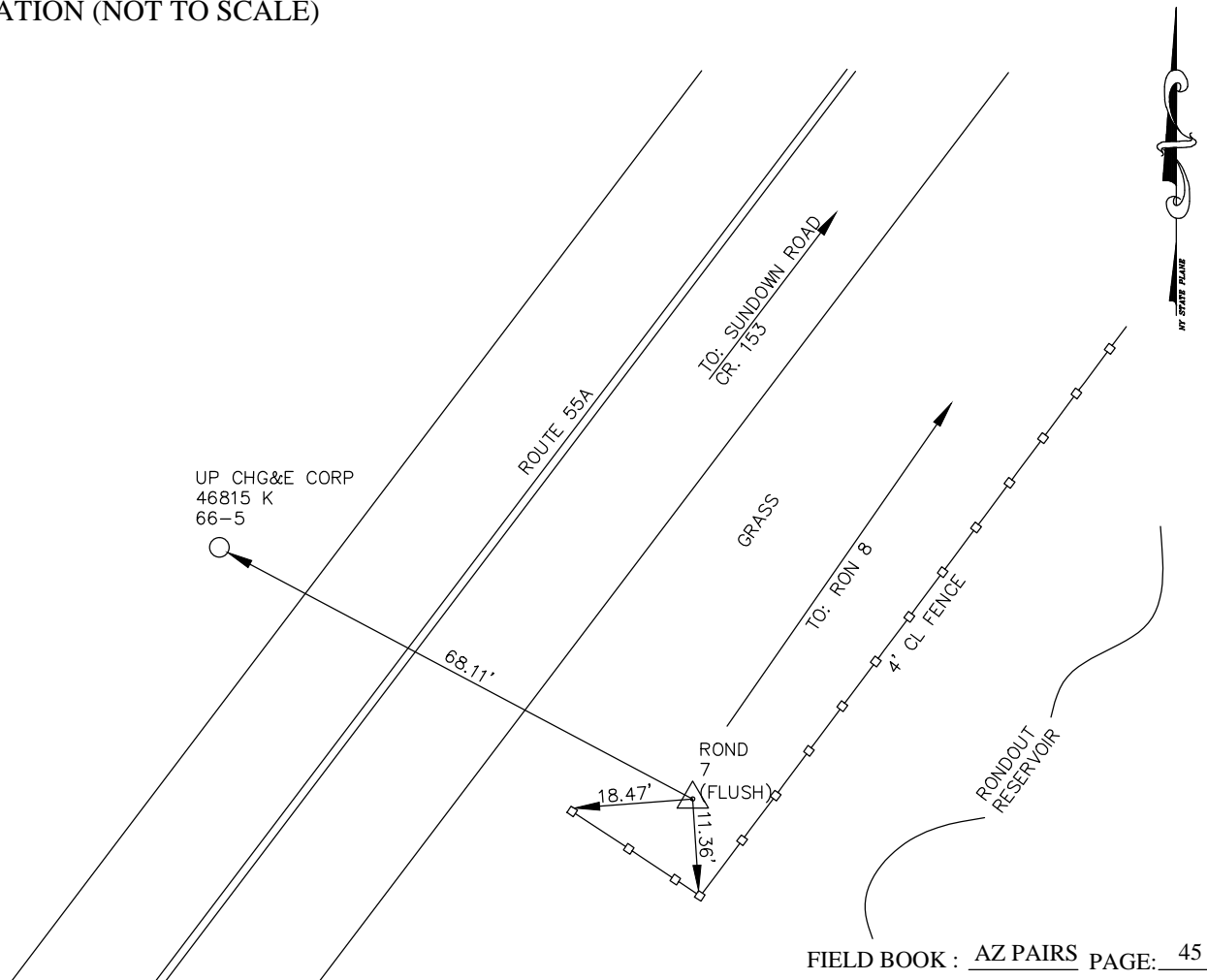
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 7		MONUMENT TYPE Bar & Cap	
NORTH : 1102093.3129 EAST : 488978.7957 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 8	818.93'	N 37°09'55" E	
ELEVATION : 864.28 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999863500	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ROND 7 IS A BAR & CAP SET IN GRASS AT THE NORTHWEST SECTION OF THE RONDOUT RESERVOIR, 1100'+/- SOUTHWEST OF THE INTERSECTION OF ROUTE 55A AND SUNDOWN ROAD. THE STATION IS LOCATED 68.11' SOUTHEAST FROM A "PK" SET IN A UTILITY POLE (# 46815 K 66-5), 18.47' NORTHEAST OF AN X-CUT SET ON THE CONCRETE BASE OF A FENCE POST AND 11.36' NORTHWEST FROM AN X-CUT SET ON A FENCE POST.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

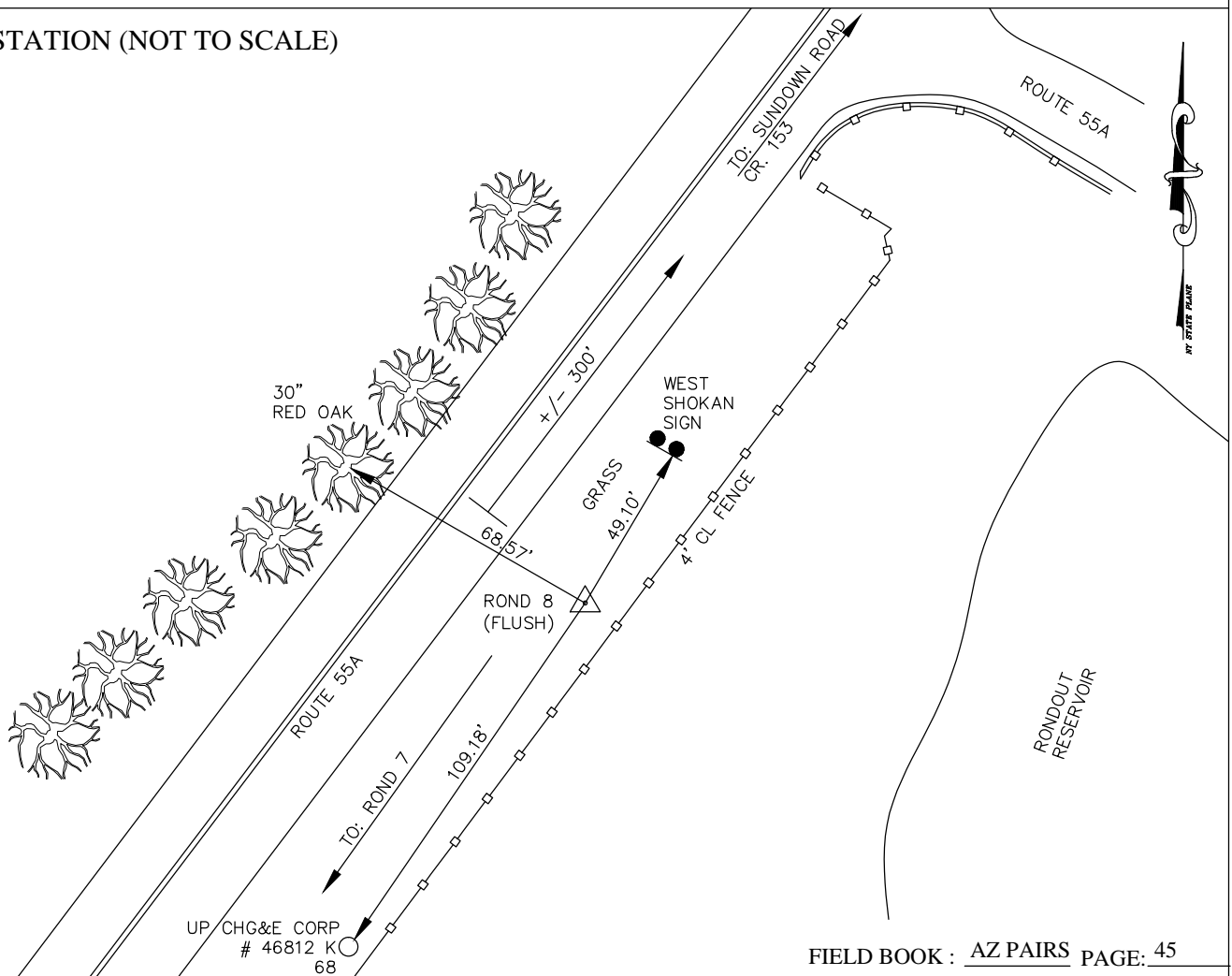
CONTROL SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Neversink, Sullivan County NY		NAME OF STATION ROND 8		MONUMENT TYPE Bar & Cap	
NORTH : 1102745.9123 EAST : 489473.5236		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ROND 7	818.93'	S 37°09'55" W	
ELEVATION : 856.34 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999863880	-	
		2012	-	-	

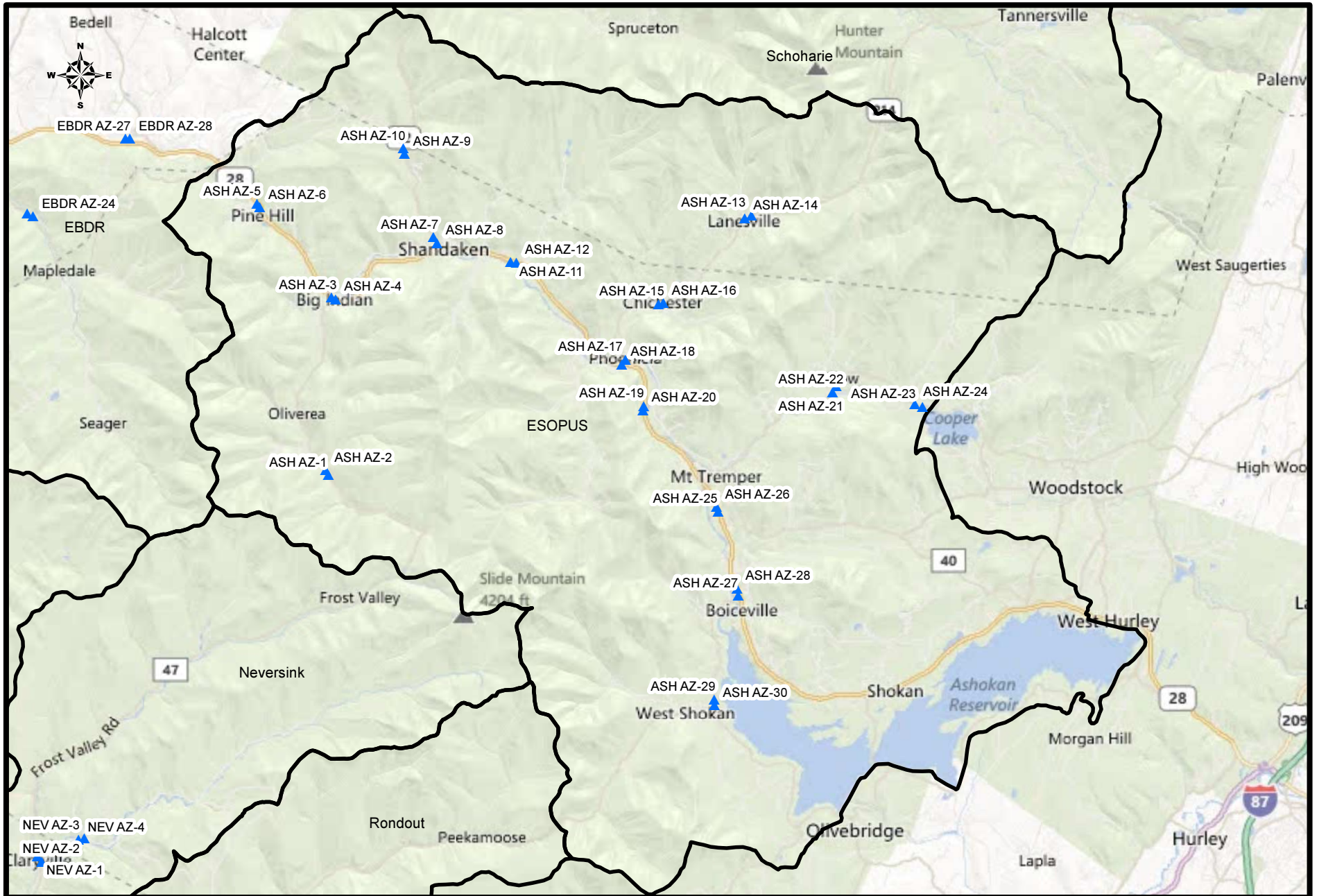
DETAILED DESCRIPTION AT STATION

ROND 8 IS A BAR & CAP SET IN GRASS AT THE NORTHWEST SECTION OF THE RONDOUT RESERVOIR, 300'+/- SOUTHWEST FROM THE INTERSECTION OF ROUTE 55A AND SUNDOWN ROAD. THE STATION IS LOCATED 68.57' SOUTHWEST FROM A "PK" NAIL SET IN AN RED OAK TREE, 49.10' SOUTHWEST FROM AN X-CUT SET ON A SIGN (WEST SHOKAN) AND 109.18' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 46812 K 68).

SKETCH AT STATION (NOT TO SCALE)



Azimuth Pair Locations - Ashokan Watershed



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

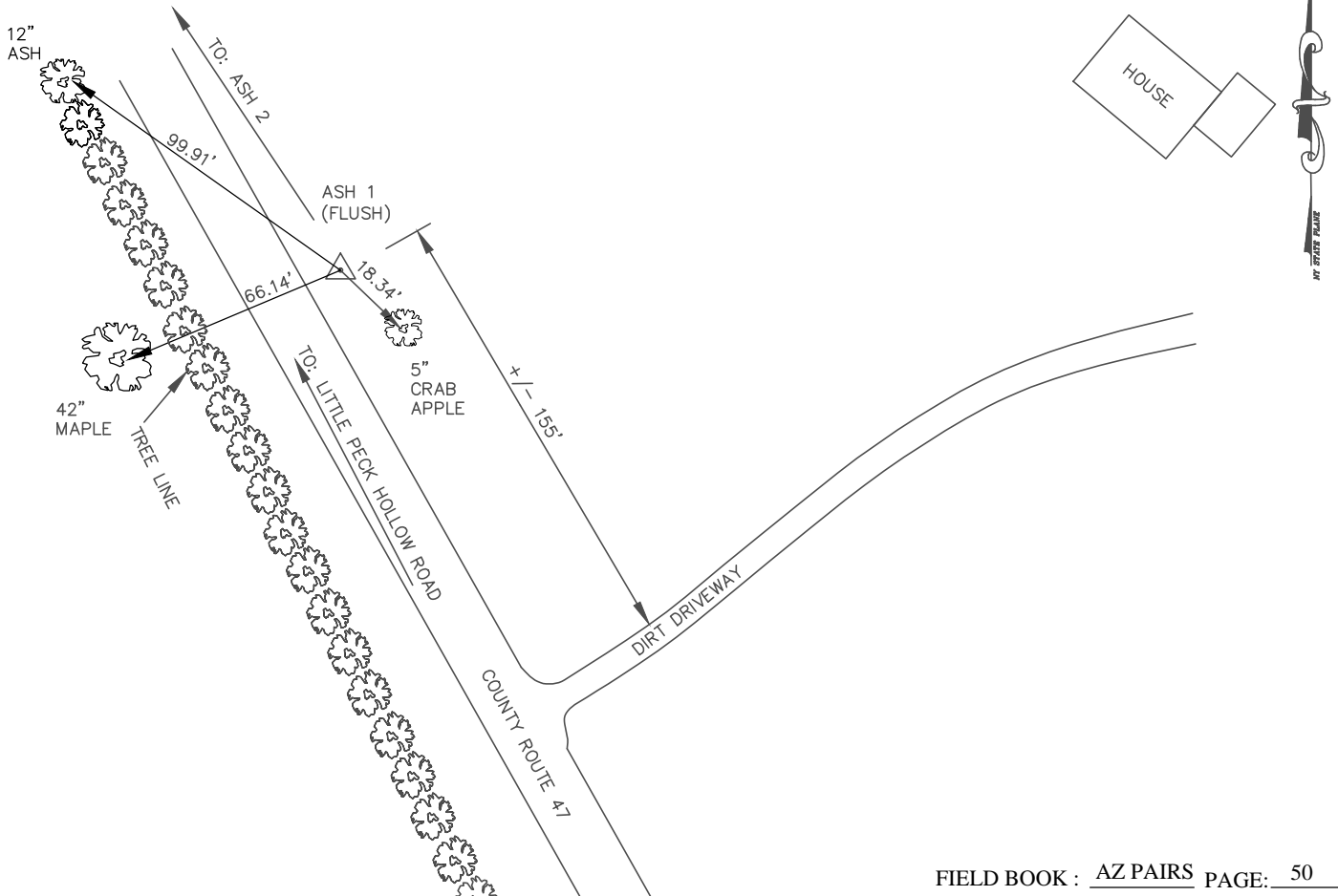
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 1		MONUMENT TYPE Bar & Cap	
NORTH : 1170036.8860 US FOOT EAST : 506711.2648		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 2	641.78'	N 32°13'08" W	
ELEVATION : 1572.62 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.99982977	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 1 IS A BAR AND CAP SET IN GRASS 0.27 MILES SOUTH FROM THE INTERSECTION OF LITTLE PECK HOLLOW ROAD AND COUNTY ROAD 47. THE STATION IS LOCATED 99.91' SOUTHEAST FROM A "PK" NAIL SET IN A 12" ASH TREE, 66.14' NORTHEAST FROM A "PK" NAIL SET IN A 42" MAPLE TREE AND 18.34' NORTHWEST FROM A "PK" NAIL SET IN A 5" CRAB APPLE TREE.

SKETCH AT STATION (NOT TO SCALE)



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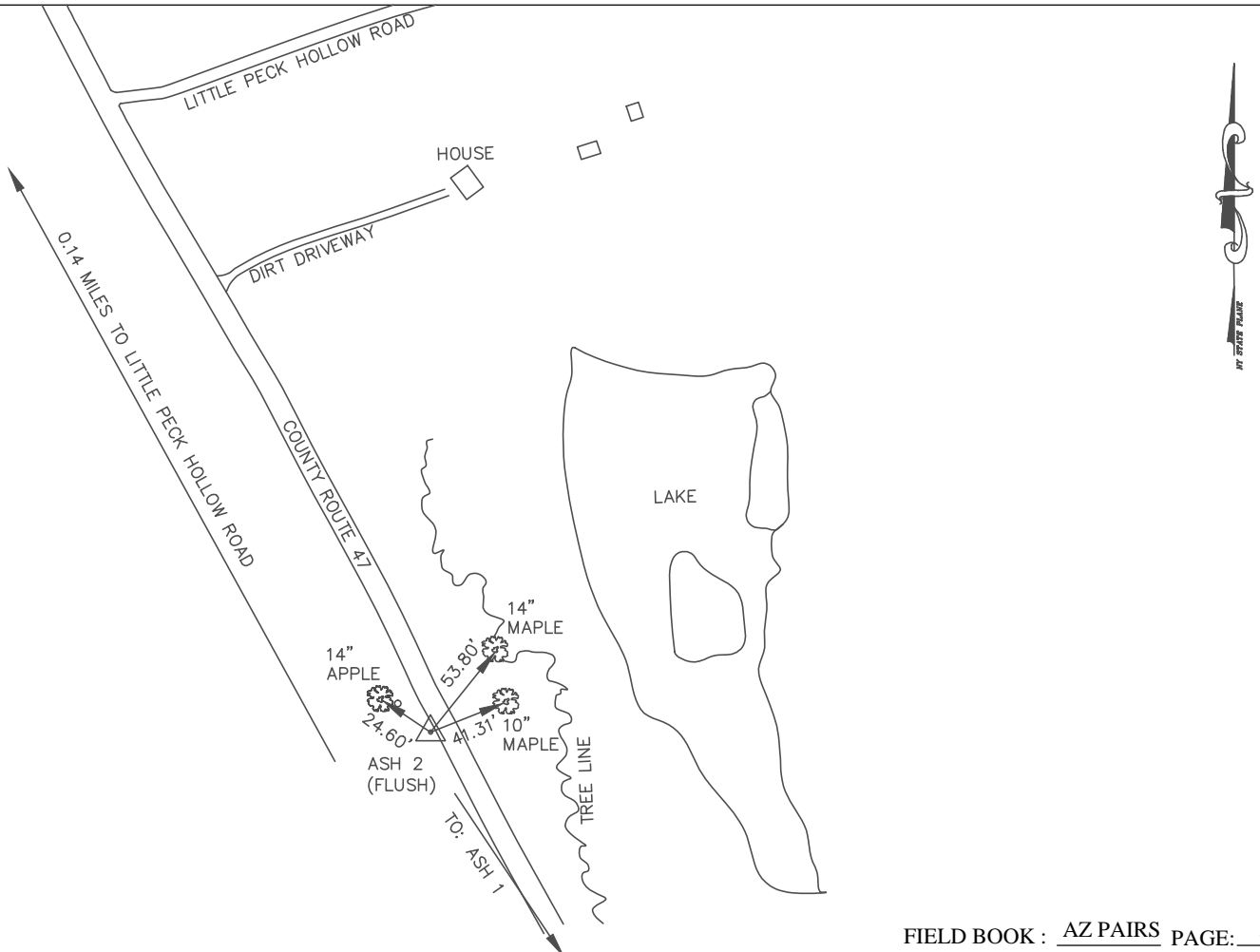
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 2		MONUMENT TYPE Bar & Cap	
NORTH : 1170579.8412 EAST : 506369.0971		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 1	641.78'	S 32°13'08" E	
ELEVATION : 1554.90 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999830600	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 2 IS A BAR AND CAP SET IN GRASS 0.14 MILES SOUTH FROM THE INTERSECTION OF LITTLE PECK HOLLOW ROAD AND COUNTY ROAD 47. THE STATION IS LOCATED 24.60' SOUTHEAST FROM A "PK" NAIL SET IN A 14" APPLE TREE, 53.80' SOUTHWEST FROM A "PK" NAIL SET IN A 14" MAPLE TREE AND 41.31' SOUTHWEST FROM A "PK" NAIL SET IN A 10" MAPLE TREE.



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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

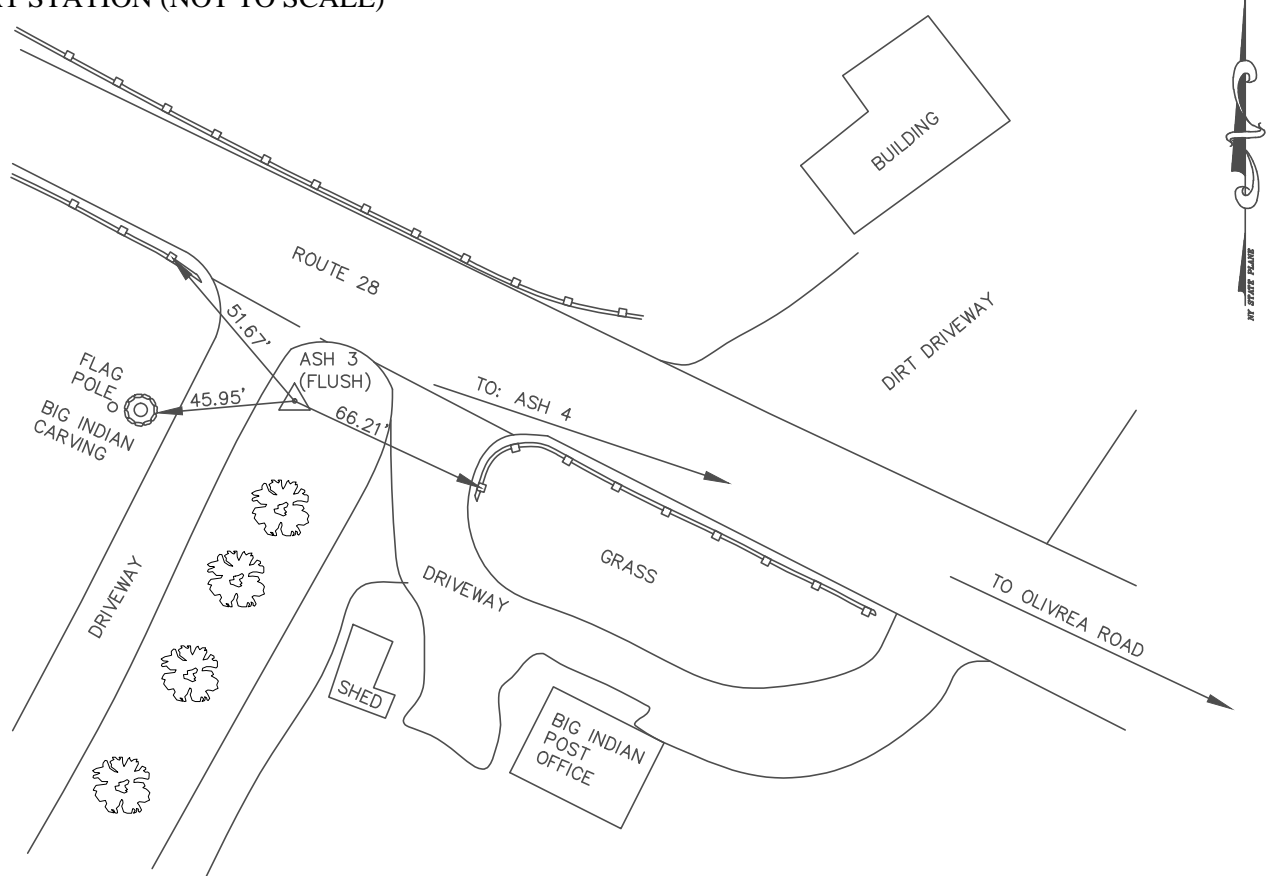
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 3		MONUMENT TYPE Bar & Cap	
NORTH : 1191217.0983 EAST : 507038.4754		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 4	536.27'	S 69°14'08" E	
ELEVATION : 1214.88 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999846870	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 3 IS A BAR AND CAP SET IN GRASS 560'+/- NORTHWEST FROM THE INTERSECTION OF OLIVEREA-COUNTY ROUTE 47 AND ROUTE 28. THE STATION IS LOCATED 45.95' NORTHEAST FROM AN X-CUT SET ON THE LOWER BOLT OF FLAG POLE BRACE, 51.67' SOUTHEAST FROM AN X-CUT SET ON THE TOP OF THE LAST GUIDE RAIL POST AND 66.21' NORTHWEST FROM AN X-CUT SET ON THE TOP OF THE LAST GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



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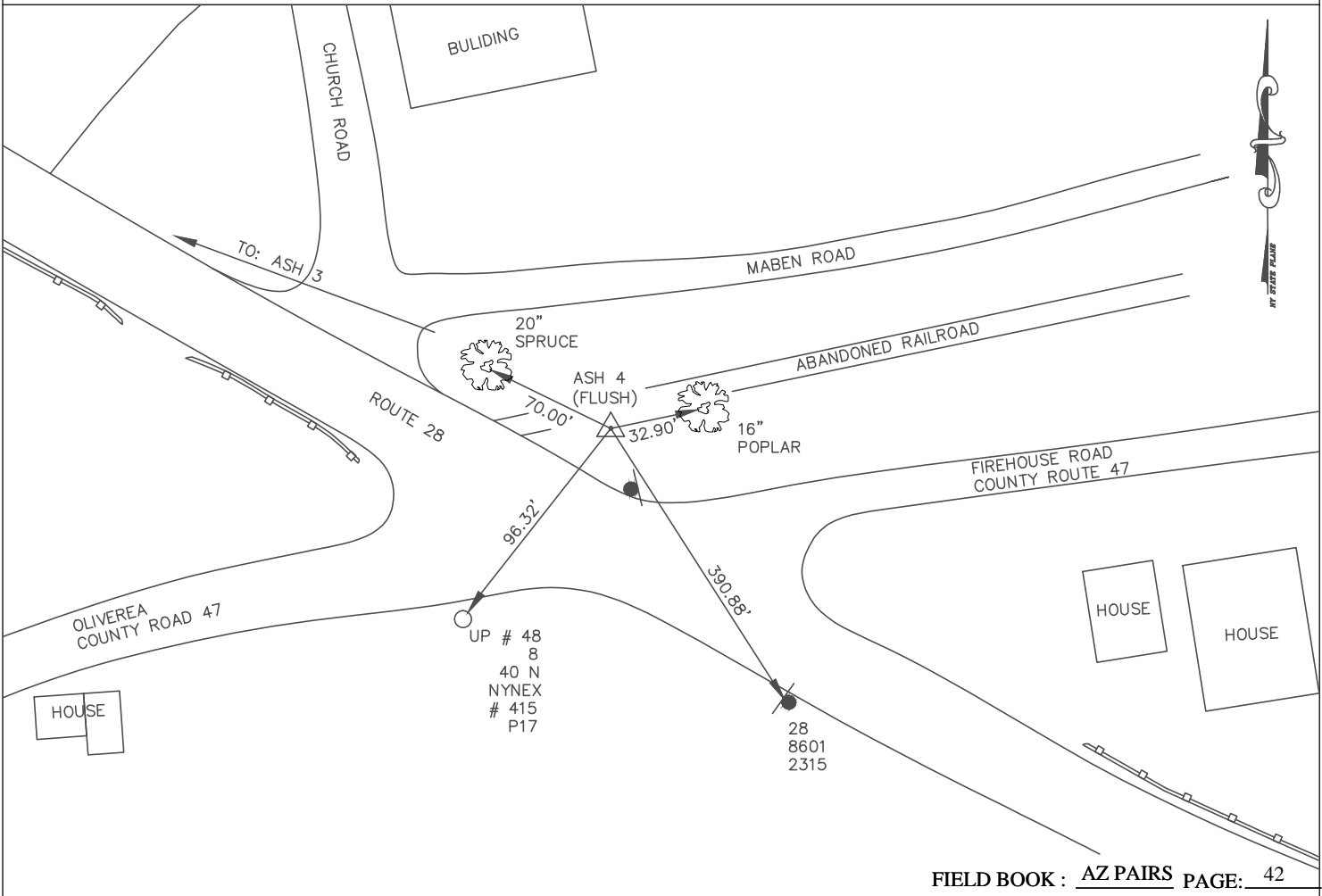
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 4		MONUMENT TYPE Bar & Cap	
NORTH : 1191026.9764 US FOOT EAST : 507539.9152		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 1211.39 US FOOT		ASH 3	536.27'	N 69°14'08" W	
ESTABLISHED BY: T.Y. Lin International Medina		-	COMBINED S.F.	-	
YEAR: 2012		-	0.999847050	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 4 IS A BAR AND CAP SET IN GRASS NEAR THE NORTHEAST CORNER OF THE INTERSECTION OF OLIVEREA ROAD—COUNTY ROUTE 47 AND ROUTE 28. THE STATION IS LOCATED 70.00' SOUTHEAST FROM A "PK" NAIL SET IN A 20" SPRUCE TREE, 32.90' SOUTHWEST FROM A "PK" NAIL SET IN A 16" PLOPAR TREE, 96.32' NORTHEAST FROM "PK" NAIL SET IN AN UTILITY POLE (# 48 8 40 N P17) AND 390.88' NORTHWEST FROM A MILE POST (28 8601 23150).



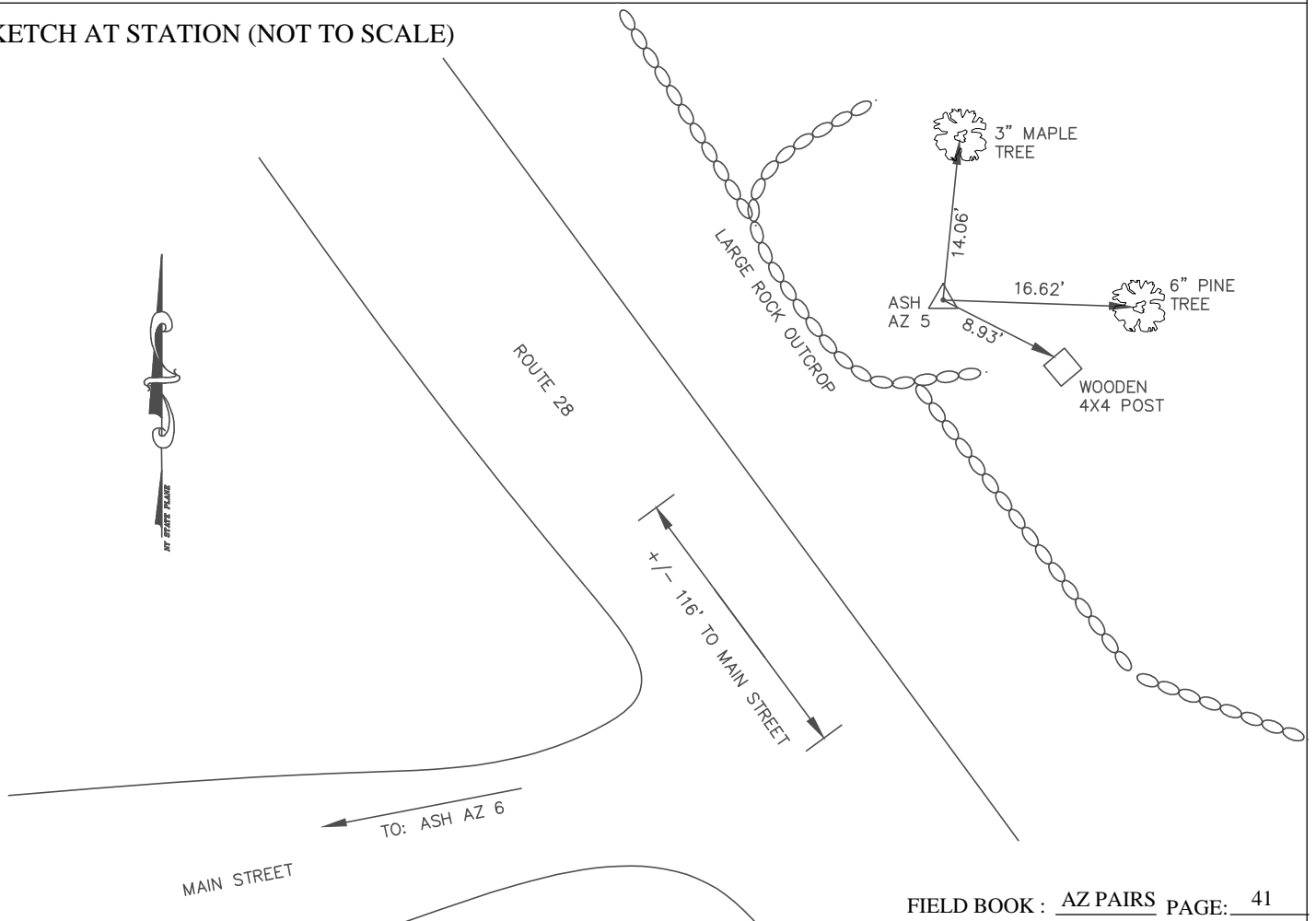
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 5		MONUMENT TYPE DISK
NORTH : 1200720.4746 EAST : 499124.2684		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 6	537.43'	N 62°41'15" W
ELEVATION : 1482.23	US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY:	YEAR	-	0.999833880	-
T.Y. Lin International	2013	-	-	-

DETAILED DESCRIPTION AT STATION

ASH AZ 5 IS A DISK SET ON A LARGE ROCK OUTCROP ALONG ROUTE 28, +/- 116' FROM ITS INTERSECTION WITH MAIN STREET AND 14.06' SOUTHERLY FROM A PK NAIL SET IN A 3" MAPLE TREE, 16.62' WESTERLY FROM A PK NAIL SET IN A 6" PINE TREE, AND 8.93' NORTHWEST FROM A PK NAIL SET IN A WOODEN POST. A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 5 AND ASH AZ 6 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



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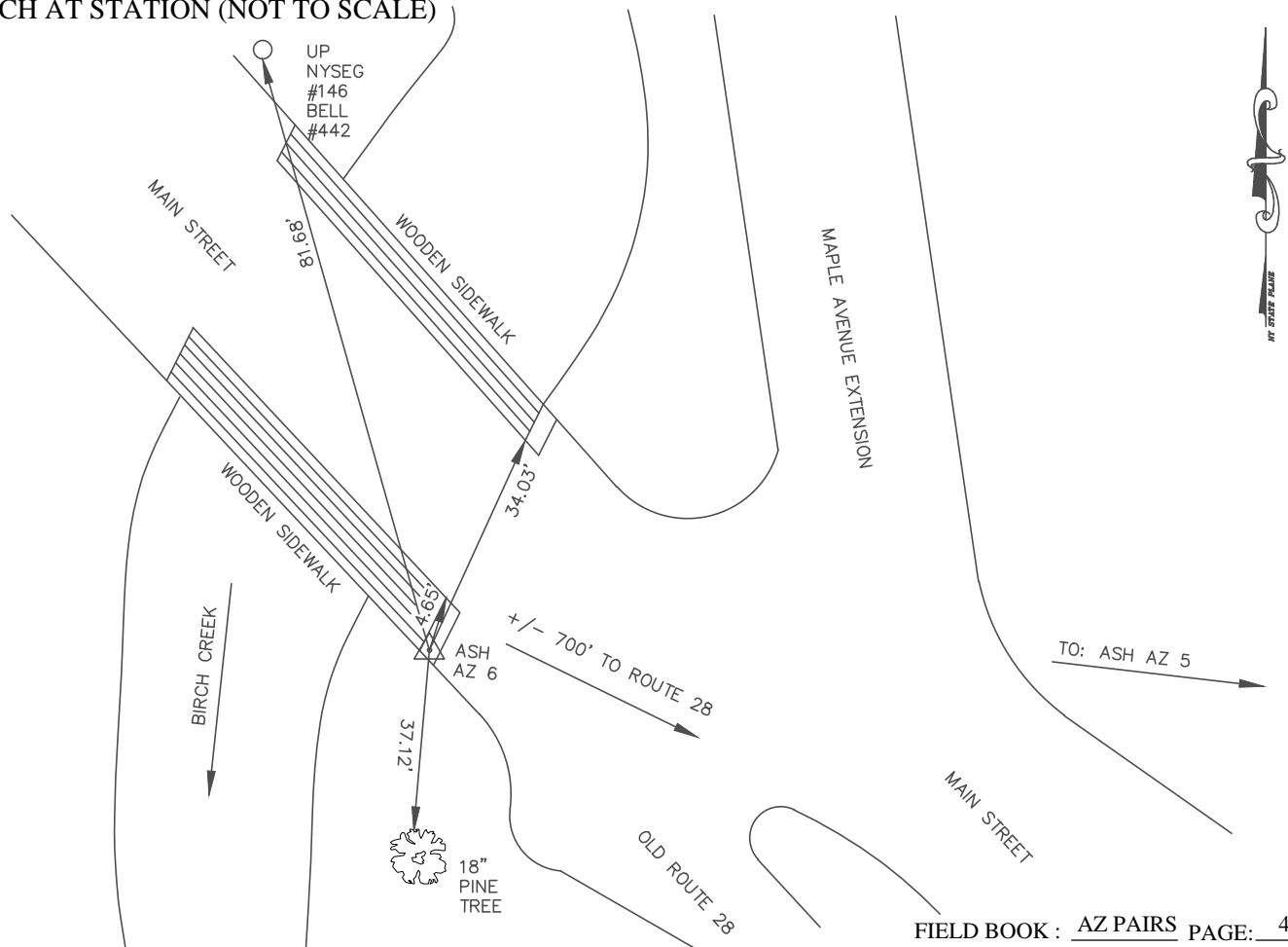
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 6		MONUMENT TYPE DISK	
NORTH : 1200967.0716 EAST : 498646.7519		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 5	537.43'	S 62°41'15" E	
ELEVATION : 1446.58 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999835580	-	
YEAR: 2013		-	-	-	

DETAILED DESCRIPTION AT STATION
 ASH AZ 6 IS A DISK SET ON A CONCRETE ABUTMENT OF A BRIDGE CROSSING OVER BIRCH CREEK AT THE INTERSECTION OF MAPLE AVE AND MAIN ST. THE STATION IS LOCATED +/- 700' NORTHWEST FROM ITS INTERSECTION WITH ROUTE 28 AND 81.68' SOUTHEAST FROM A PK NAIL SET IN A UTILITY POLE (NYSEG #146 BELL #442), 37.12' NORTHERLY FROM A PK NAIL SET IN A 18" PINE, 34.03' SOUTHWEST FROM A PK NAIL SET IN A WOODEN SIDEWALK AND 4.65' SOUTHWEST FROM A PK NAIL SET IN A WOODEN SIDEWALK. A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 6 AND ASH AZ 5 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

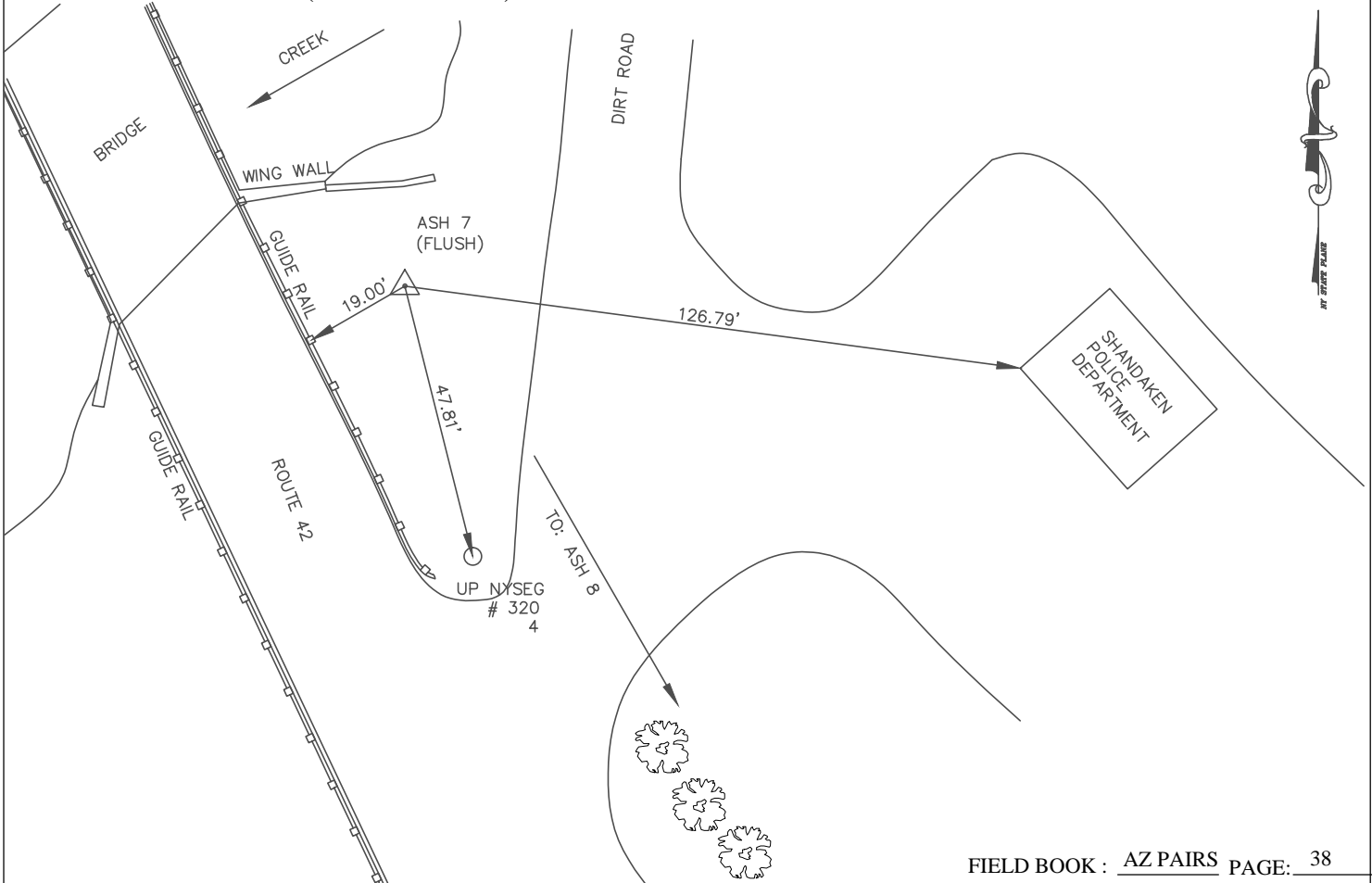
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 7		MONUMENT TYPE Bar & Cap	
NORTH : 1198420.0528 EAST : 519228.0520		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 8	837.71'	S 31°36'02" E	
ELEVATION : 1087.57 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999853550	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 7 IS A BAR AND CAP SET IN GRASS ON ROUTE 42 NEAR THE ENTRANCE TO THE SHANDAKEN POLICE DEPARTMENT. THE STATION IS LOCATED 19.00' NORTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 126.79' NORTHWEST FROM THE NORTHWEST CORNER OF BUILDING (SHANDAKEN POLICE DEPARTMENT) AND 47.81' NORTHWEST FROM A PK NAIL SET IN A UTILITY POLE (#320 4).

SKETCH AT STATION (NOT TO SCALE)



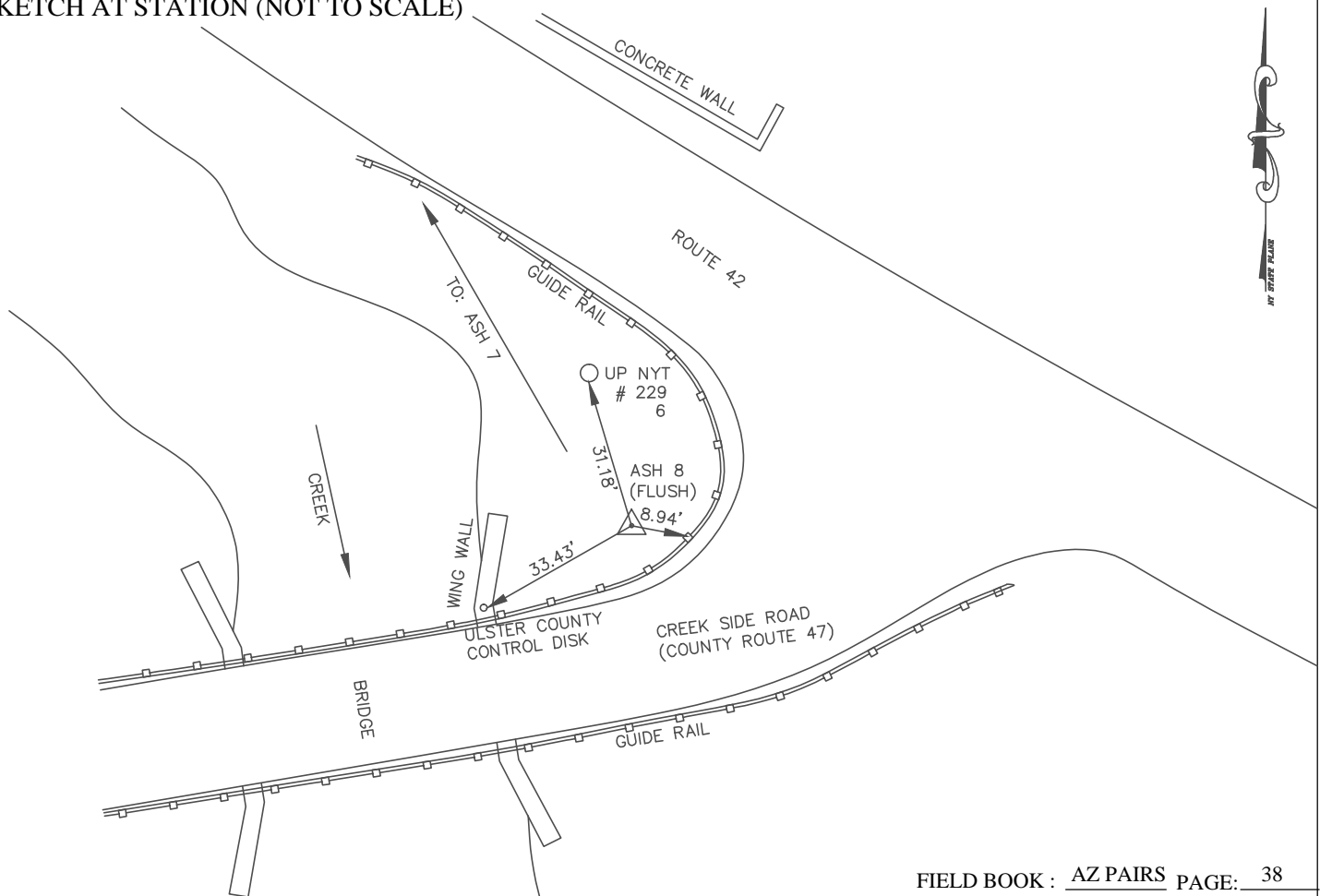
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 8		MONUMENT TYPE Bar & Cap	
NORTH : 1197706.5533 US FOOT EAST : 519667.0102		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 1067.29 US FOOT		ASH 7	837.71'	N 31°36'02" W	
ESTABLISHED BY: T.Y. Lin International Medina		-	COMBINED S.F.	-	
YEAR: 2012		-	0.999854550	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 8 IS A BAR AND CAP SET IN GRASS AT THE NORTHWEST CORNER OF THE INTERSECTION BETWEEN ROUTE 42 AND CREEK SIDE ROAD—COUNTY ROAD 47. THE STATION IS LOCATED 33.43' NORTHEAST FROM AN ULSTER COUNTY CONTROL DISK SET ON AN BRIDGE WING WALL, 8.94' NORTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND SOUTHERLY 31.18' FROM A "PK" NAIL SET IN A UTILITY POLE (#229 6).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

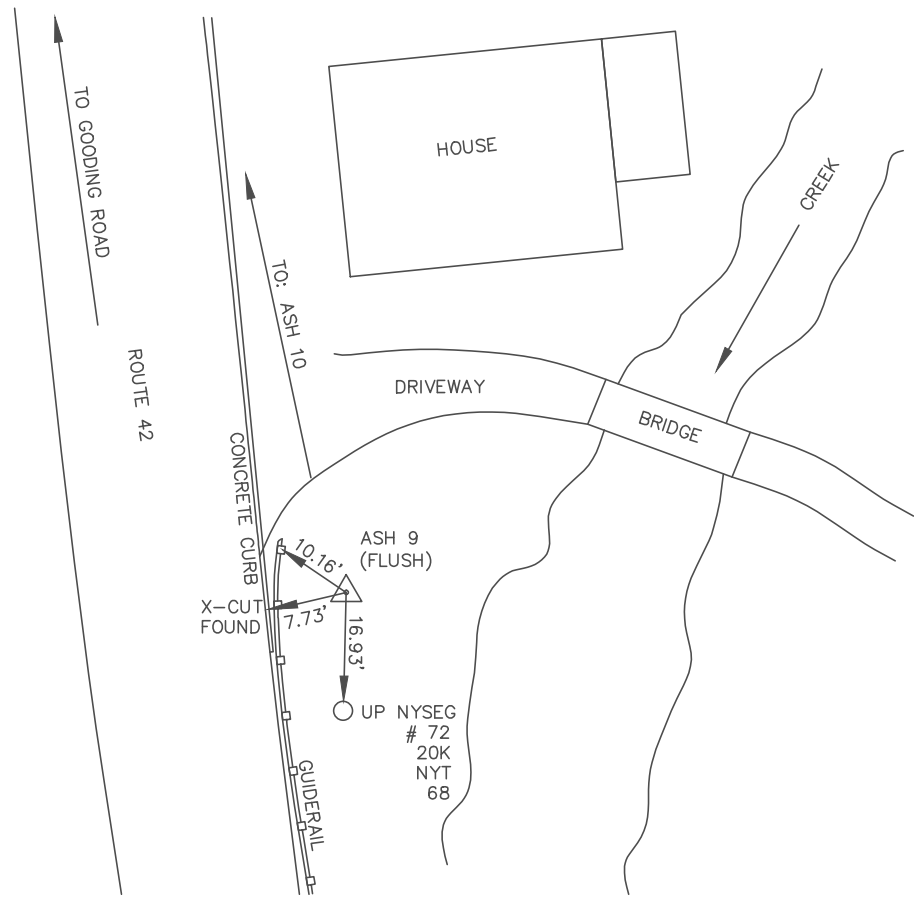
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 9		MONUMENT TYPE Bar & Cap	
NORTH : 1208372.7576 EAST : 515757.0986 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 10	697.88'	N 11°02'10" W	
ELEVATION : 1395.61 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999838620	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 9 IS A BAR AND CAP SET IN GRASS 0.16 MILES SOUTH FROM THE INTERSECTION OF GOODING ROAD AND ROUTE 42. THE STATION IS LOCATED 10.16' SOUTHEAST FROM AN X-CUT SET ON TOP OF THE END GUIDE RAIL POST, 16.93' NORTHEAST FROM A "PK" NAIL SET IN AN UTILITY POLE (#72 20K 68), AND 7.73' EASTERLY FROM A X-CUT FOUND ON THE CONCRETE CURB.

SKETCH AT STATION (NOT TO SCALE)



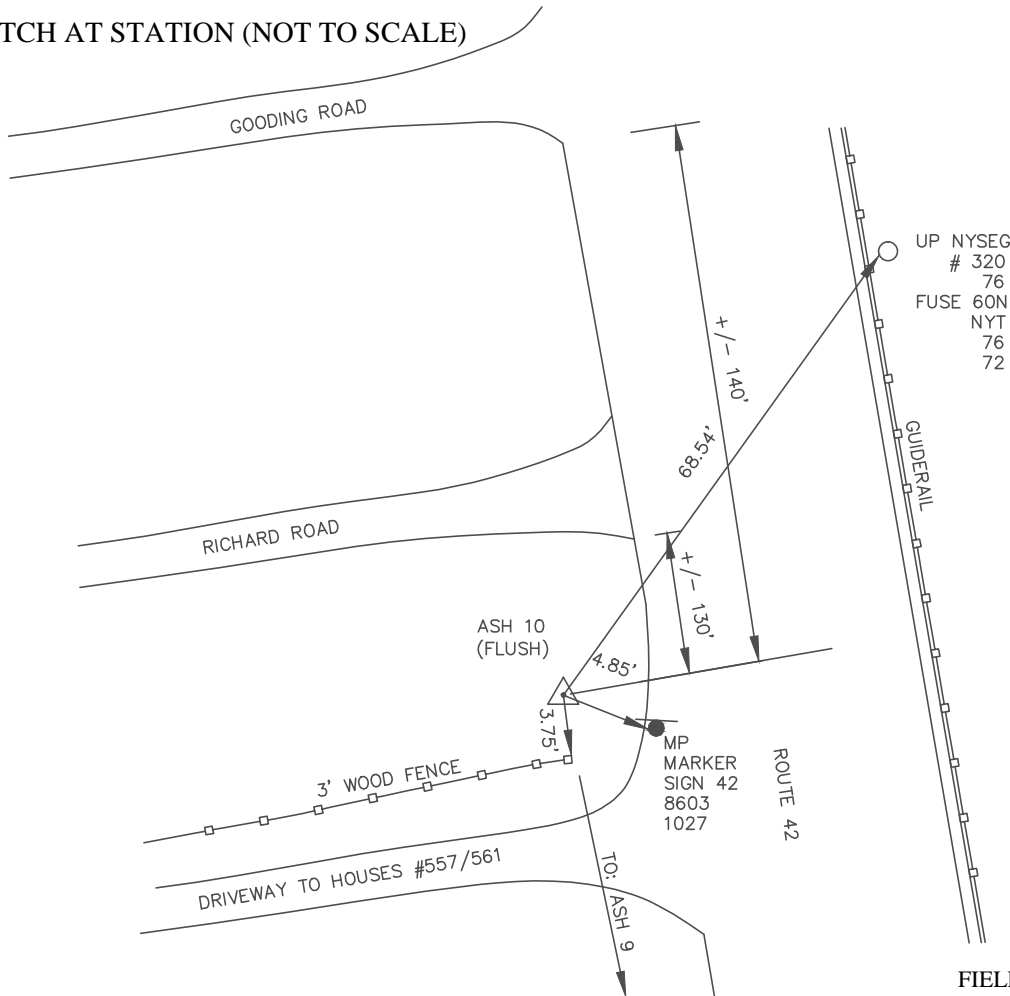
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 10		MONUMENT TYPE Bar & Cap	
NORTH : 1209057.7338 EAST : 515623.5055		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 9	697.88'	S 11°02'10" E	
ELEVATION : 1423.60 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999837270	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 10 IS A BAR AND CAP SET IN GRASS +/- 140' SOUTH FROM THE INTERSECTION OF GOODING ROAD AND ROUTE 42. THE STATION IS LOCATED 68.54' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 320 76 60), 4.85' NORTHWEST FROM A MILE POST MARKER SIGN (MP 42 8603 1027) AND 3.75' NORTHEAST FROM "PK" NAIL SET IN THE END POST FOR A WOODEN FENCE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

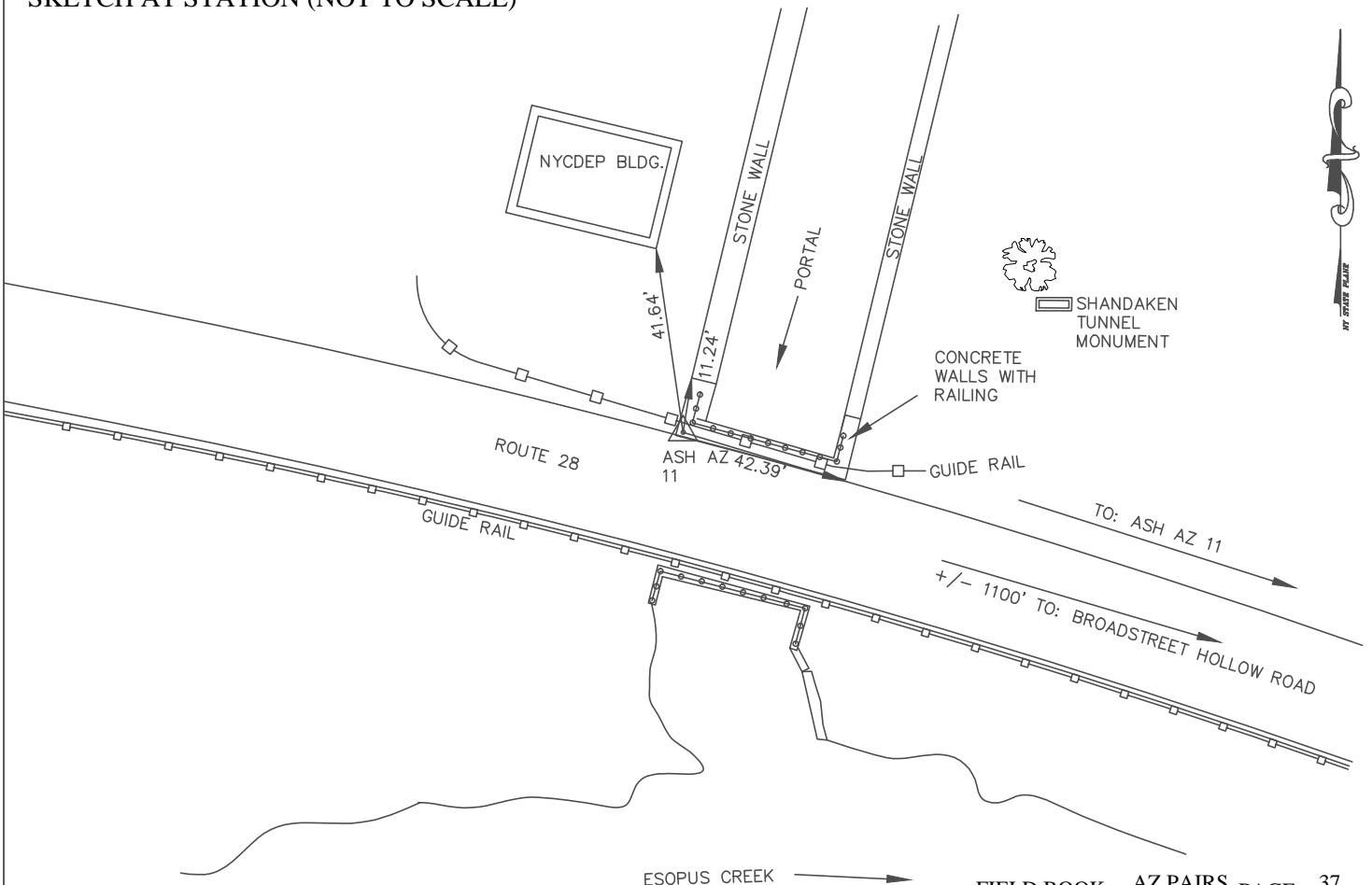
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 11		MONUMENT TYPE DISK	
NORTH : 1195396.0648 EAST : 529069.2172		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 12	1028.05'	S 63°58'45" E	
ELEVATION : 979.77 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999859440	-	
YEAR: 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH AZ 11 IS A DISK SET IN ON A CONCRETE SIDEWALK, +/- 1100' NORTHWEST FROM THE INTERSECTION OF BROAD STREET HOLLOW ROAD AND ROUTE 28. THE STATION IS LOCATED 41.64' SOUTHEAST FROM A ONE STORY NYCDEP BUILDING. (FOUNDATION), 11.24' SOUTHERLY FROM AN X-CUT SET ON THE CORNER OF CONCRETE WALL, AND 42.39' NORTHWEST FROM AN X-CUT SET AT THE END OF A STEEL CURB. A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 11 AND ASH AZ 12 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



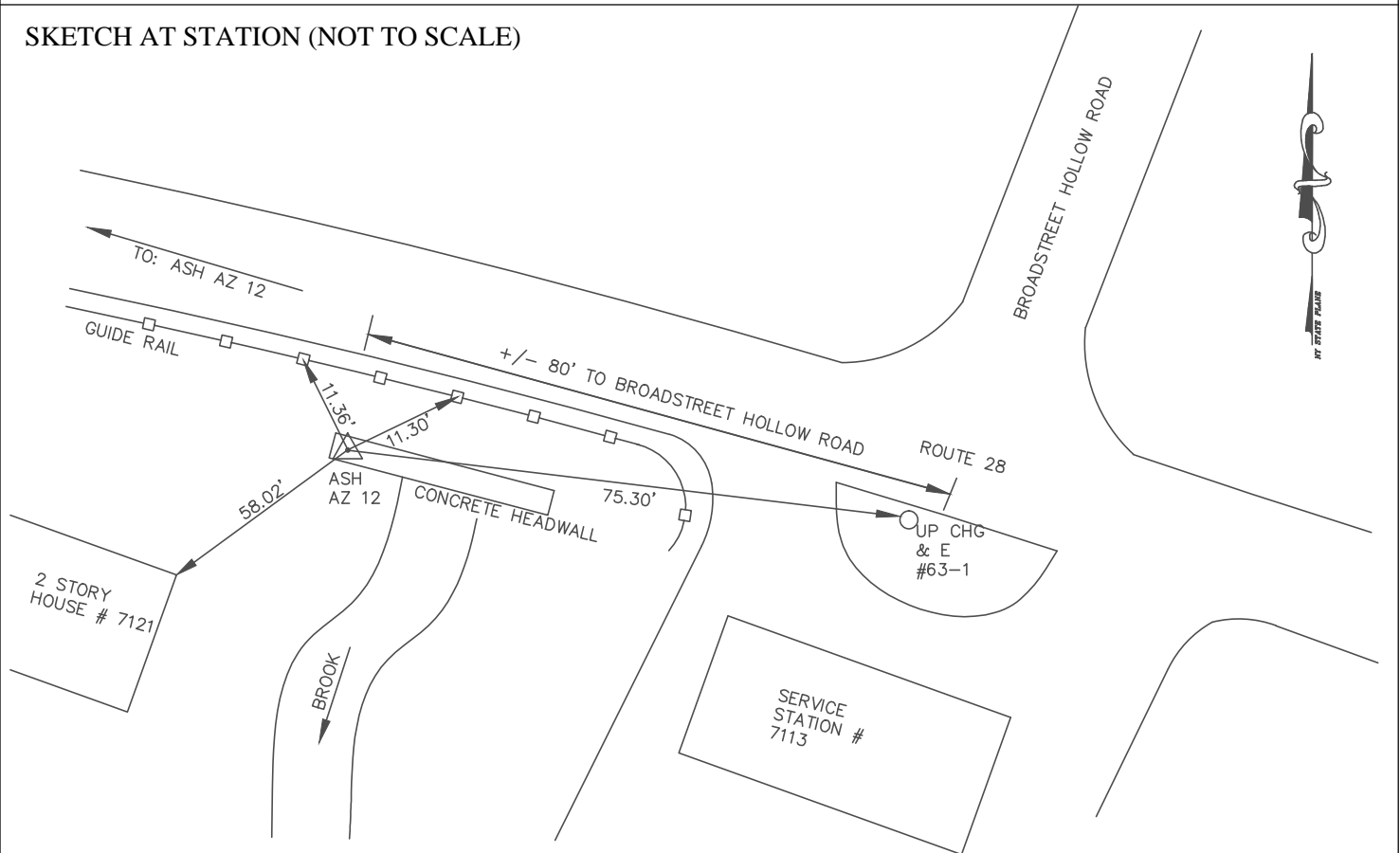
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 12		MONUMENT TYPE DISK	
NORTH : 1194945.0618 US FOOT EAST : 529993.0609		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 971.73 US FOOT		ASH AZ 11	1028.05'	N 63°58'45" W	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999859900	-	
		2013	-	-	

DETAILED DESCRIPTION AT STATION

ASH AZ 12 IS A DISK SET ON A CONCRETE HEADWALL ALONG ROUTE 28, +/- 80' FROM ITS INTERSECTION WITH BROADSTREET HOLLOW ROAD. THE STATION IS LOCATED 58.02' NORTHEAST FROM THE NORTHEAST CORNER OF HOUSE # 7121, 11.36' SOUTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 11.30' SOUTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, AND 75.30' WESTERLY FROM A PK NAIL SET IN A UTILITY POLE (CHG & E #63-1). A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 12 AND ASH AZ 11 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

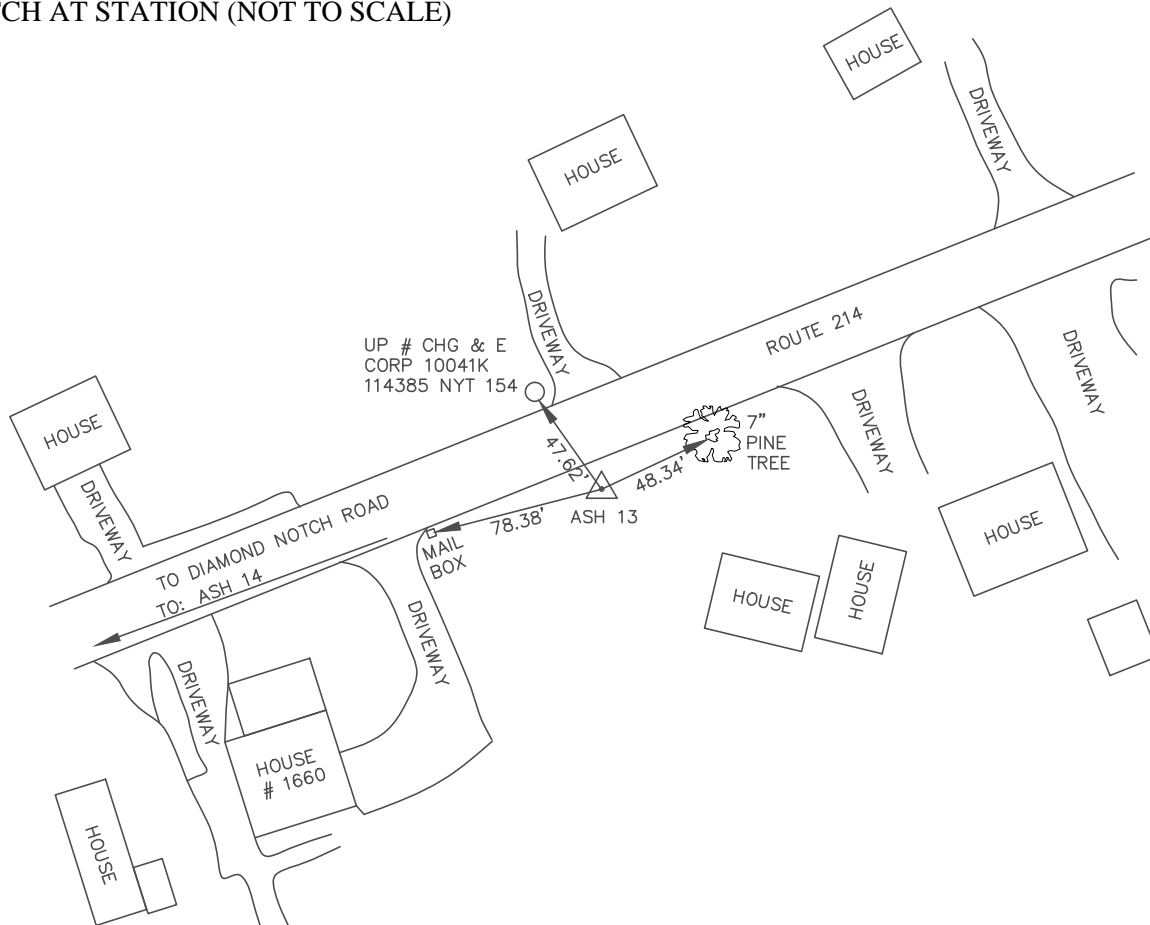
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 13		MONUMENT TYPE Bar & Cap	
NORTH : 1201049.0597 EAST : 557156.6668		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 14	861.46'	S 68°52'22" W	
ELEVATION : 1342.62 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999845410	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 13 IS A BAR AND CAP SET IN GRASS 900'+/- NORTHEAST FROM THE INTERSECTION OF DIAMOND NOTCH ROAD AND ROUTE 214. THE STATION IS LOCATED 78.83' SOUTHEAST FROM A "PK" NAIL SET IN A MAILBOX POST (# 1660), 47.62' SOUTHEAST FROM A PK NAIL SET IN A UTILITY POLE (# CHG & E CORP 10041K 114385 NYT 154) AND 48.34' SOUTHWEST FROM A "PK" NAIL SET IN A 7" PINE TREE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

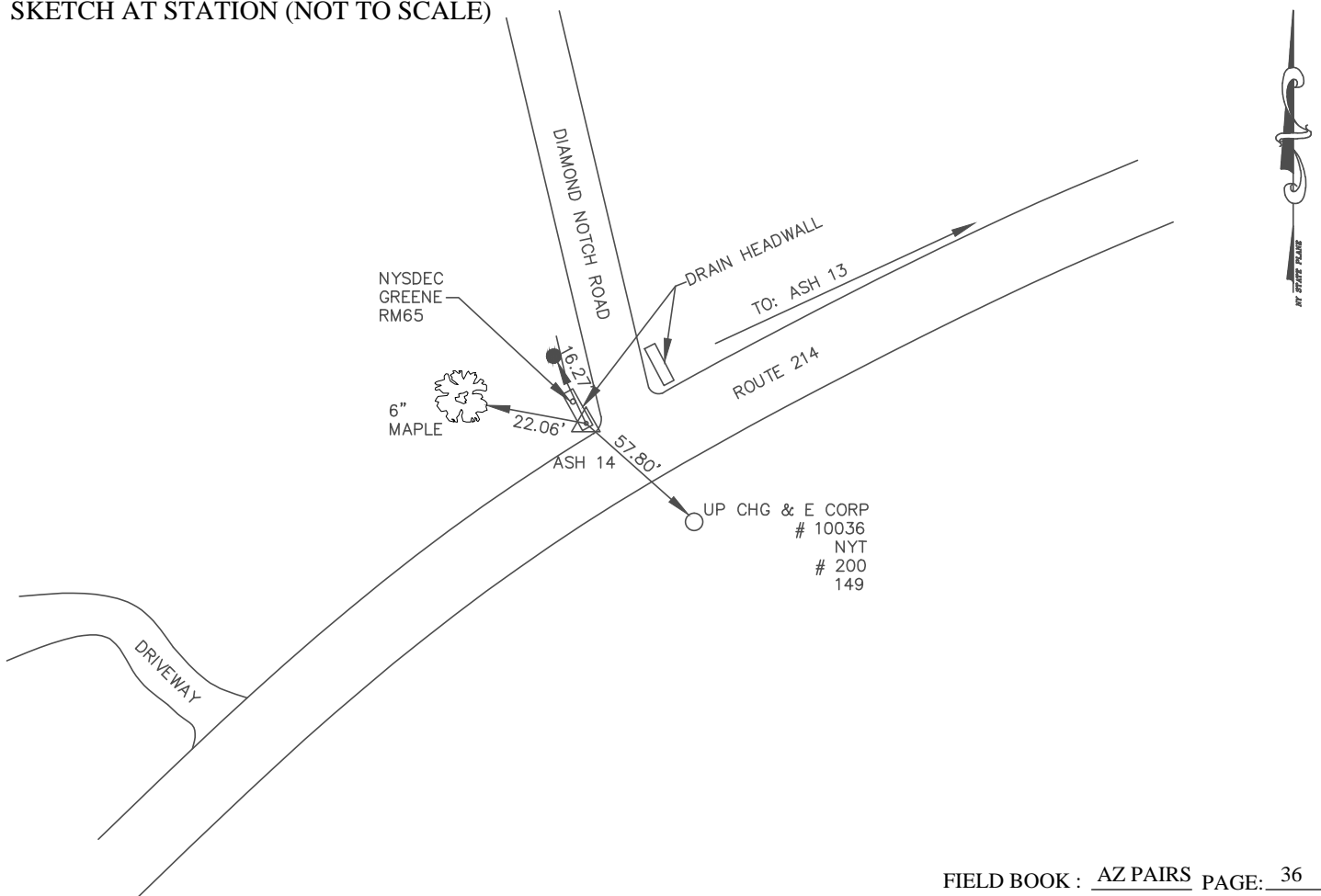
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 14		MONUMENT TYPE Disk	
NORTH : 1200738.5558 US FOOT EAST : 556353.1130			DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 13	861.46'	N 68°52'22" E	
ELEVATION : 1318.36 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999846450	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 14 IS A DISK SET ON A CONCRETE HEADWALL AT THE NORTHWEST CORNER OF THE INTERSECTION OF DIAMOND NOTCH ROAD AND ROUTE 214. THE STATION IS LOCATED 22.60' SOUTHEAST FROM A "PK" NAIL SET IN A 6" MAPLE TREE, 16.27' SOUTHEAST FROM A "PK" NAIL SET IN A SIGN POST ("FOREST PRESERVE ACCESS PARKING") AND 57.80' NORTHWEST FROM A PK NAIL SET IN A UTILITY POLE (# 10036 200 149).

SKETCH AT STATION (NOT TO SCALE)



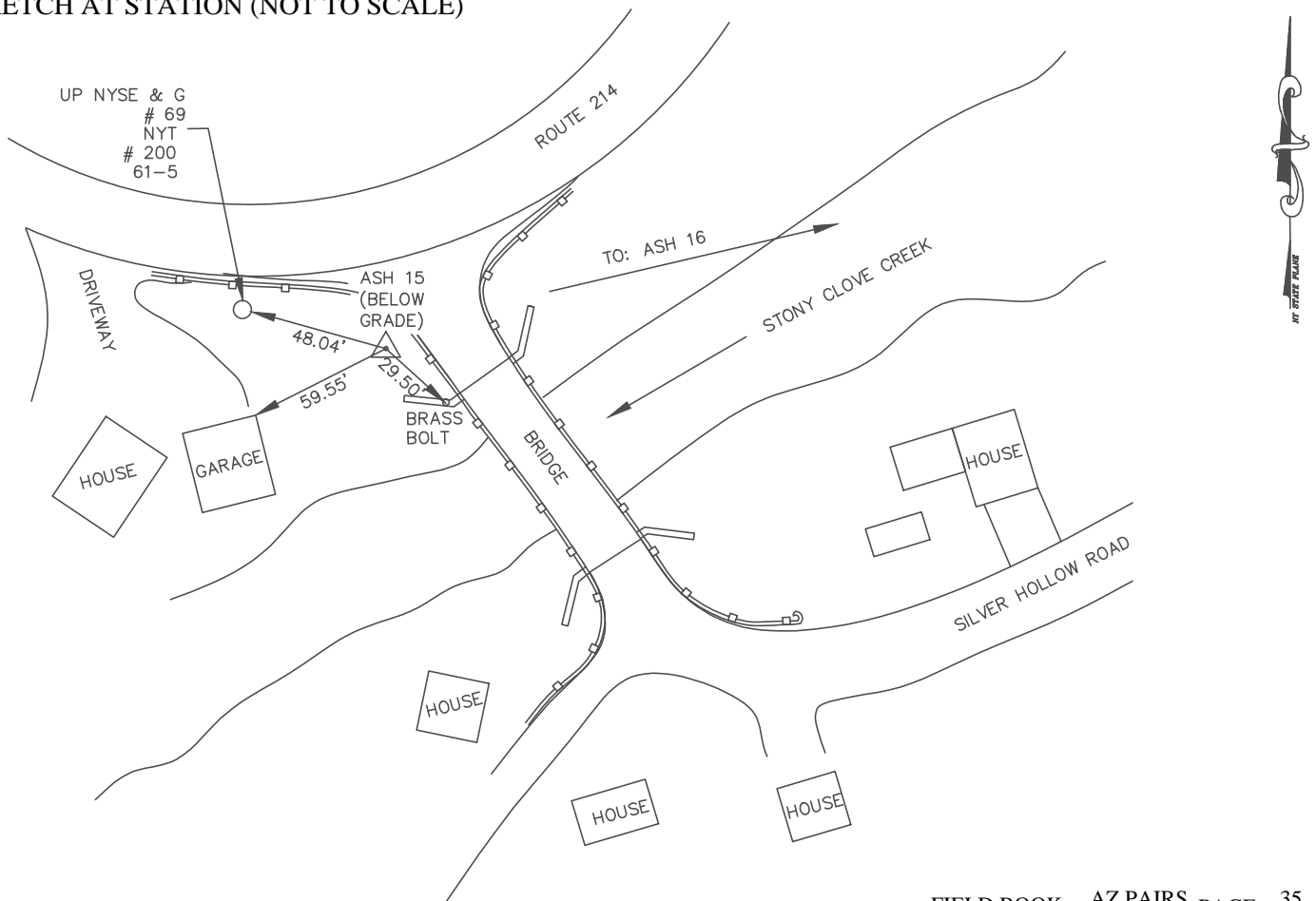
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 15		MONUMENT TYPE Bar & Cap	
NORTH : 1190429.5264 EAST : 546061.0578		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 16	591.89'	N 75°22'02" E	
ELEVATION : 1033.14 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999858690	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 15 IS A BAR AND CAP SET IN GRASS AT THE SOUTHWEST CORNER OF THE INTERSECTION OF ROUTE 214 AND SILVER HOLLOW ROAD. THE STATION IS LOCATED 48.04' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 69 200 61-5), 29.50' NORTHWEST FROM A FOUND BRASS BOLT SET ON AN ABUTMENT WALL (NO ID VISIBLE), AND 59.55' NORTHEAST FROM THE NORTHEASTERLY CORNER OF A GARAGE BUILDING.

SKETCH AT STATION (NOT TO SCALE)



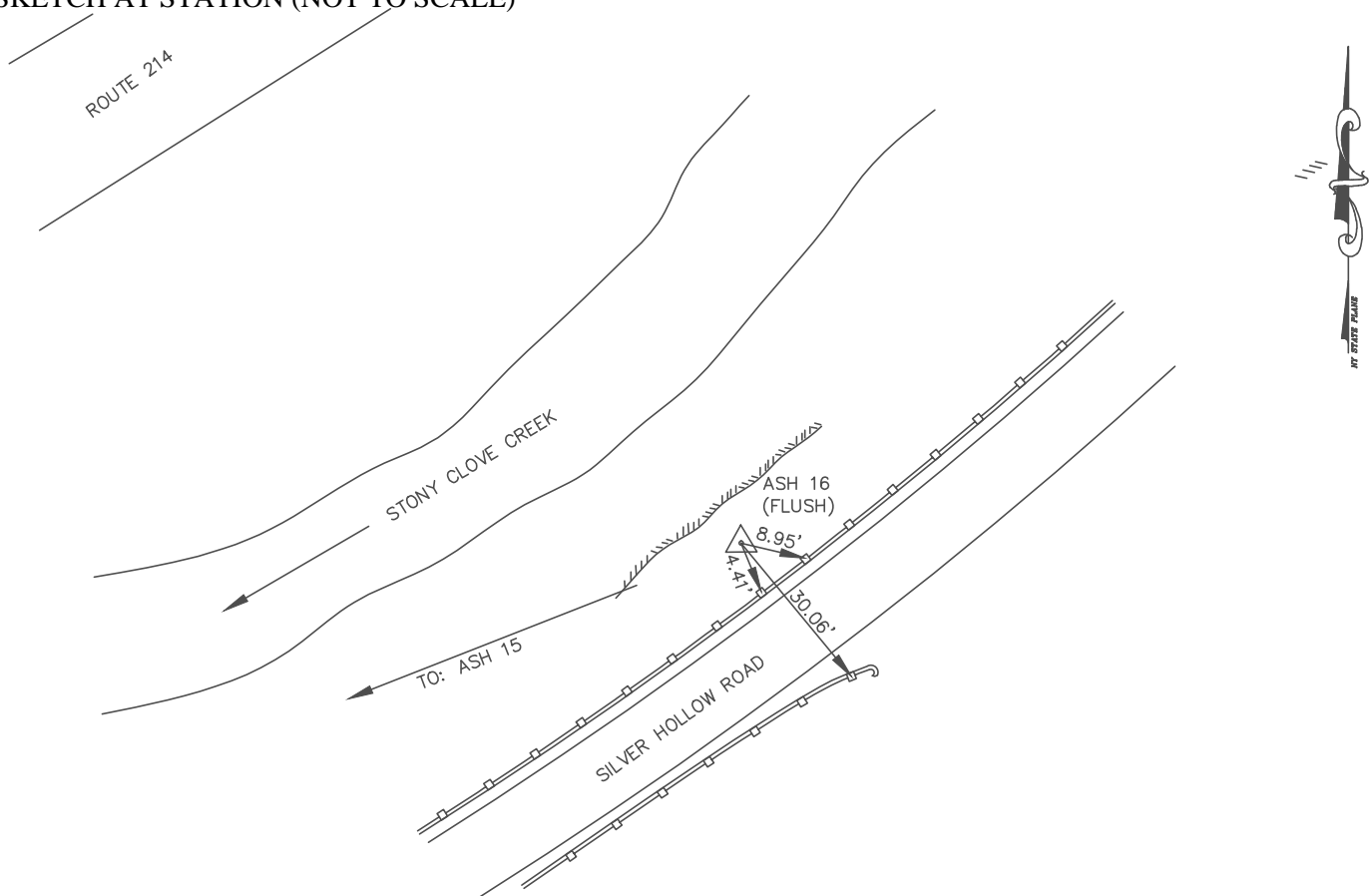
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 16		MONUMENT TYPE Bar & Cap	
NORTH : 1190579.0505 EAST : 546633.7491		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 15	591.89'	S 75°22'02" W	
ELEVATION : 1051.38 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999857890	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 16 IS A BAR AND CAP SET IN SHOULDER 730'+/- ALONG SILVER HOLLOW ROAD FROM THE INTERSECTION OF ROUTE 214 AND SILVER HOLLOW ROAD. THE STATION IS LOCATED 4.41' NORTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 8.95' NORTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND 30.06' NORTHWEST FROM FROM AN X-CUT SET ON TOP OF A END GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



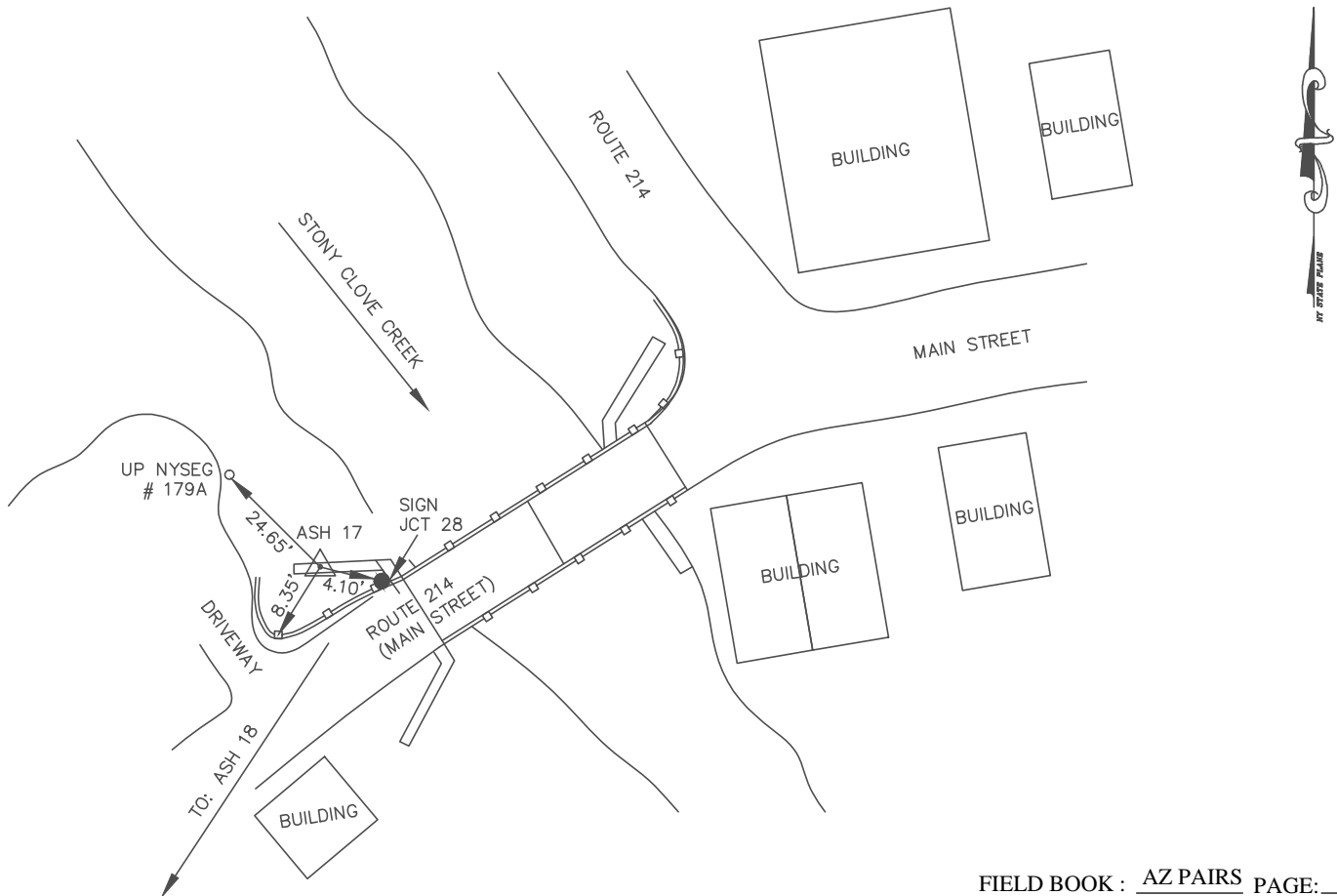
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 17		MONUMENT TYPE Disk	
NORTH : 1183785.5888 US FOOT EAST : 542118.1851		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 18	677.05'	S 36°10'52" W	
ELEVATION : 820.80 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999868370	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 17 IS A DISK SET ON A CONCRETE ABUTMENT WALL LOCATED AT THE NORTHWEST CORNER OF BRIDGE CROSSING OVER STONY CLOVE CREEK ON ROUTE 214 MAIN STREET IN THE HAMLET OF PHOENICIA. THE STATION IS LOCATED 8.35' NORTHEAST FROM A X-CUT SET ON TOP OF A GUIDE RAIL POST, 24.65' SOUTHEAST FROM A PK NAIL SET IN A UTILITY POLE (#179-A) AND 4.10' NORTHWEST FROM A SIGN POST (JCT 28).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

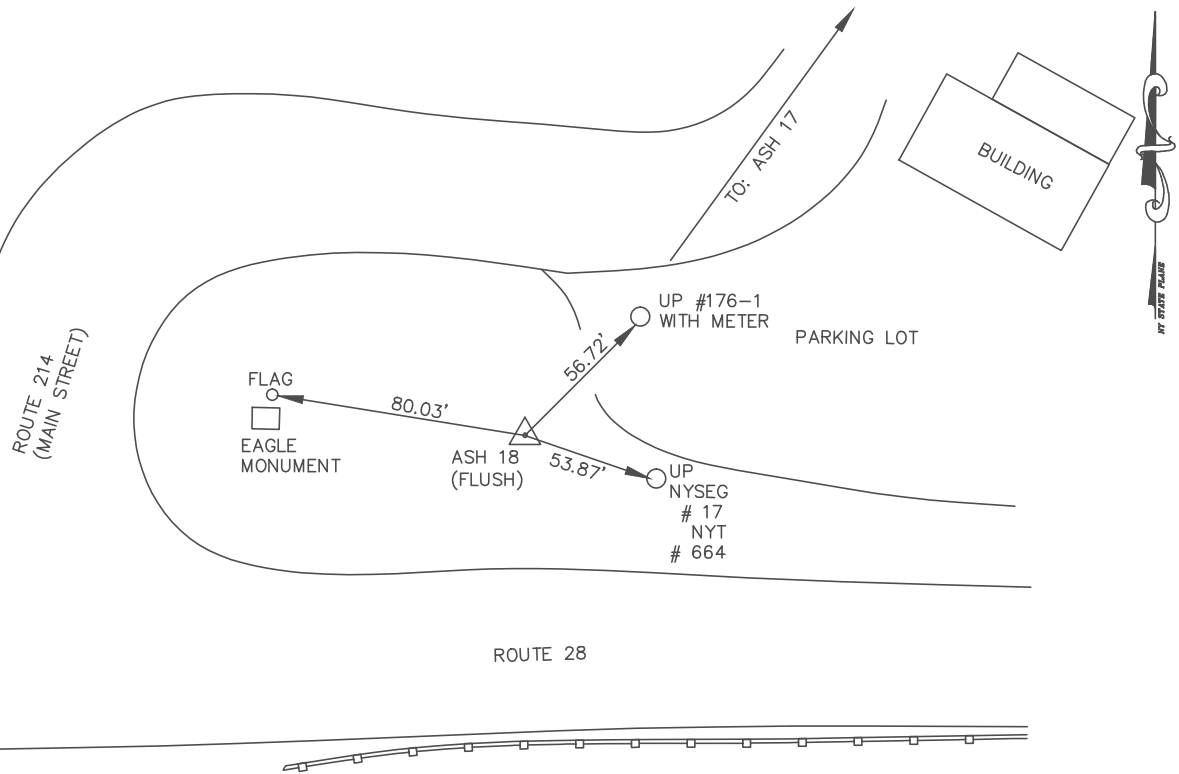
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 18		MONUMENT TYPE Bar & Cap	
NORTH : 1183239.1034 EAST : 541718.4931		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 17	677.05'	N 36°10'52" E	
ELEVATION : 827.36 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999868010	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 18 IS A BAR AND CAP SET IN GRASS ON THE EASTERLY SIDE OF THE INTERSECTION OF ROUTE 214 AND ROUTE 28. THE STATION IS LOCATED 80.03' SOUTHEAST FROM THE FACE OF A STEEL FLAG POLE (EAGLE MONUMENT), 56.72' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 176-1) AND 53.87' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 17-664)

SKETCH AT STATION (NOT TO SCALE)



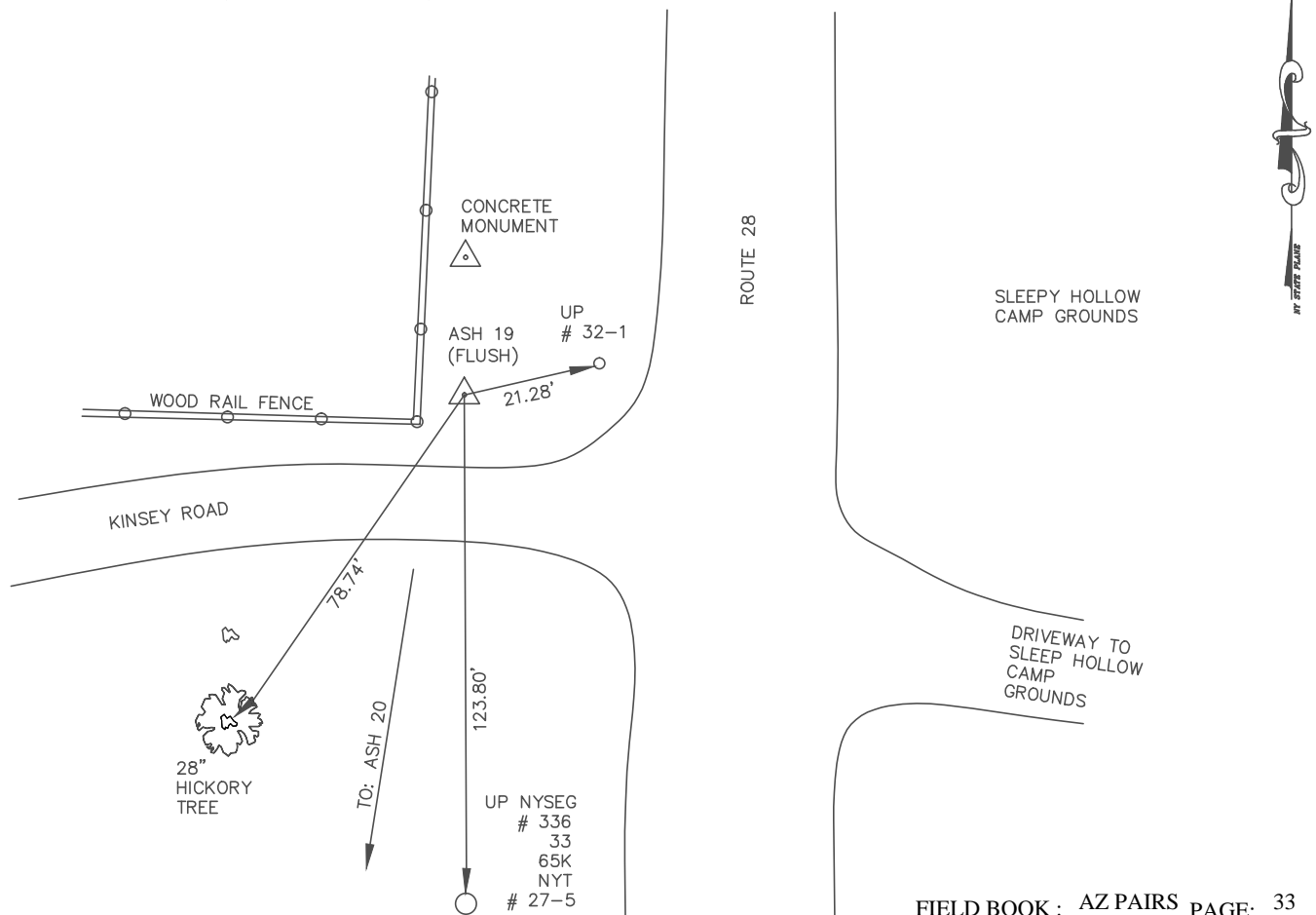
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 19		MONUMENT TYPE Bar & Cap	
NORTH : 1178283.3254 EAST : 544339.0055		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 20	549.36'	S 13°03'42" W	
ELEVATION : 761.72 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999871460	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 19 IS A BAR AND CAP SET IN GRASS ON THE NORTHWEST SIDE OF ROUTE 28 AND KINSEY ROAD. THE STATION IS LOCATED 21.28' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 32-1), 123.80' NORTHERLY FROM A "PK" NAIL SET IN A UTILITY POLE (# 336 33 65K 27-5) AND 78.74' NORTHEAST FROM A "PK" NAIL SET IN A 28" HICKORY TREE.

SKETCH AT STATION (NOT TO SCALE)



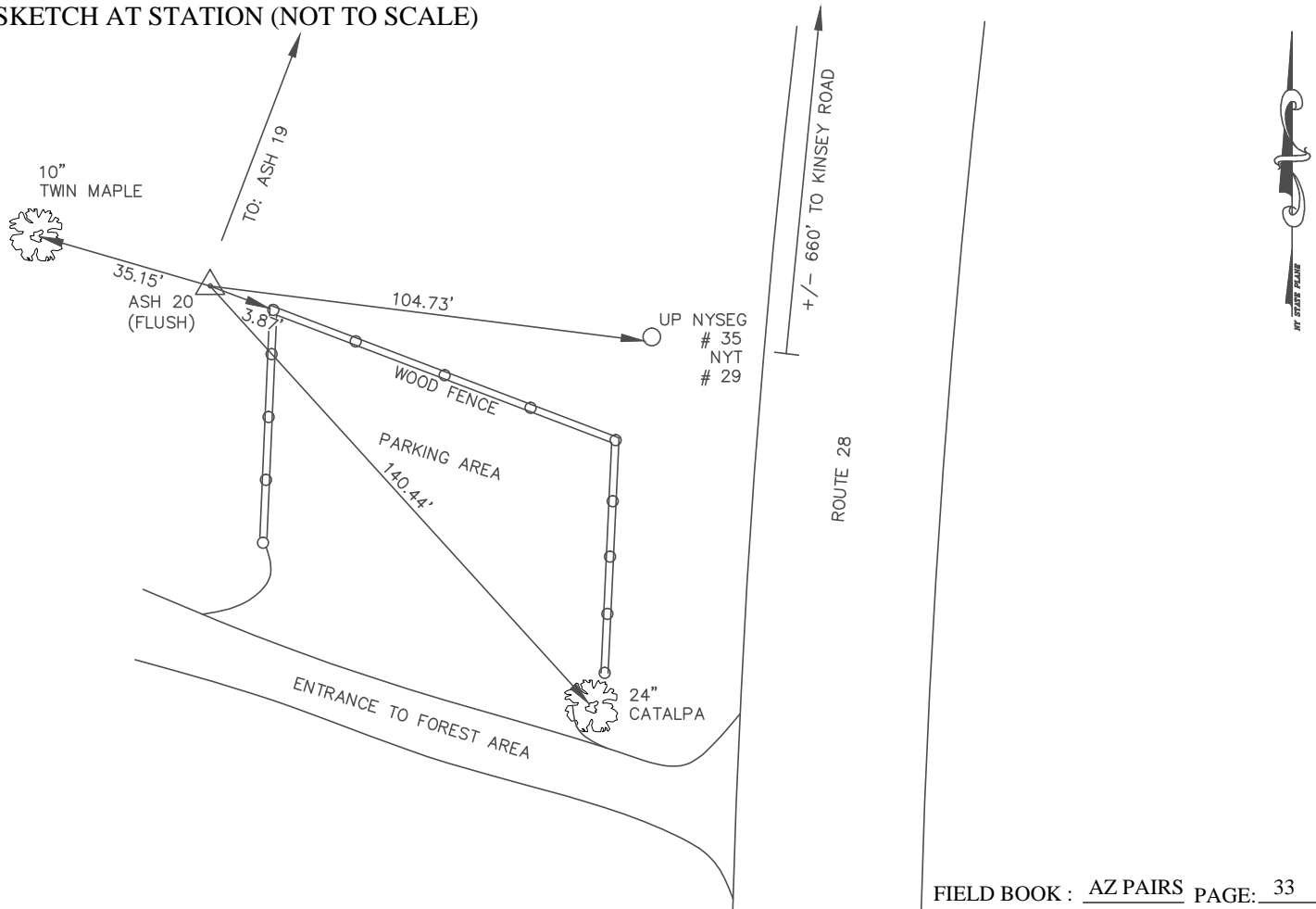
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH 20		MONUMENT TYPE Bar & Cap	
NORTH : 1177748.1761 EAST : 544214.8501		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 19	549.36'	N 13°03'42" E	
ELEVATION : 759.37 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999871560	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 20 IS A BAR AND CAP SET IN GRASS 660'+/- SOUTH FROM THE INTERSECTION OF KINSEY ROAD AND ROUTE 28. THE STATION IS LOCATED 104.73' WESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (NYSEG #35 NYT # 29), 3.87' NORTHWEST FROM A "PK" NAIL SET IN A CORNER FENCE POST, 140.44' NORTHWEST FROM A "PK" NAIL SET IN A 24" CATALPA TREE AND 35.15' SOUTHEAST FROM A "PK" NAIL SET IN A 10" TWIN MAPLE TREE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

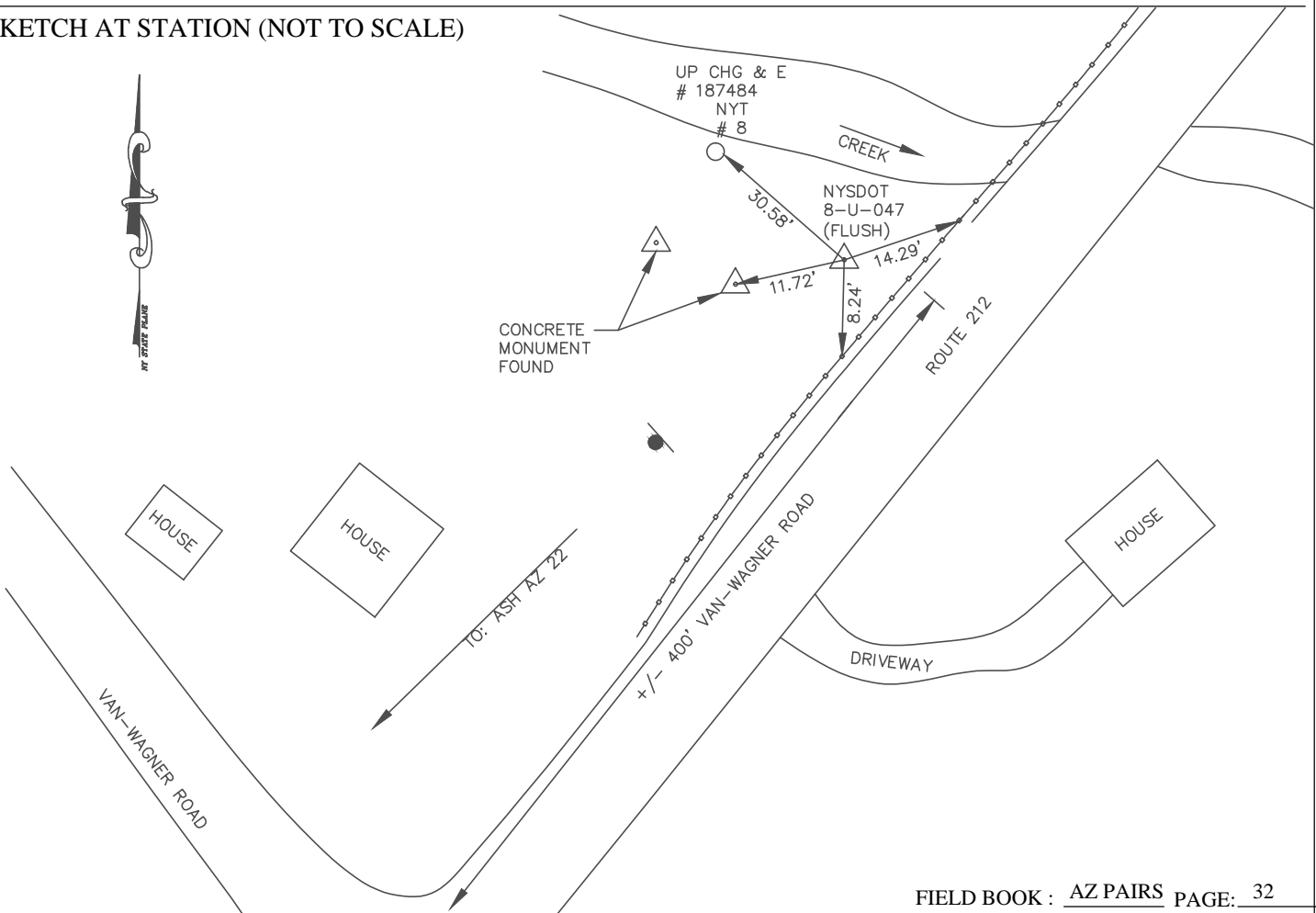
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Woodstock, Ulster County, NY		NAME OF STATION NYS DOT 8-U-047 (AKA ASH AZ 21)		MONUMENT TYPE DISK
NORTH : 1180676.6640 EAST : 567271.4274 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 22	1211.63'	S 25°33'24" W
ELEVATION : 1057.23 US FOOT		-	COMBINED S.F.	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2013	-	0.999860720	-
		-	-	-

DETAILED DESCRIPTION AT STATION

NYS DOT 8-U-047 IS A DISK SET IN CONCRETE, 400'+/- NORTH FROM THE INTERSECTION OF VAN WAGNER ROAD AND ROUTE 212. THE STATION IS LOCATED 30.58' SOUTHEAST FROM A PK NAIL SET IN A UTILITY POLE (CHG & E #187484 NYT #8), 14.29' SOUTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 8.24' NORTHWESTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, AND 11.72' NORTHEAST FROM A FOUND CONCRETE MONUMENT. A RESECTION WILL BE REQUIRED BETWEEN NYS DOT 8-4-047 AND NGS U279 RESET 1973 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

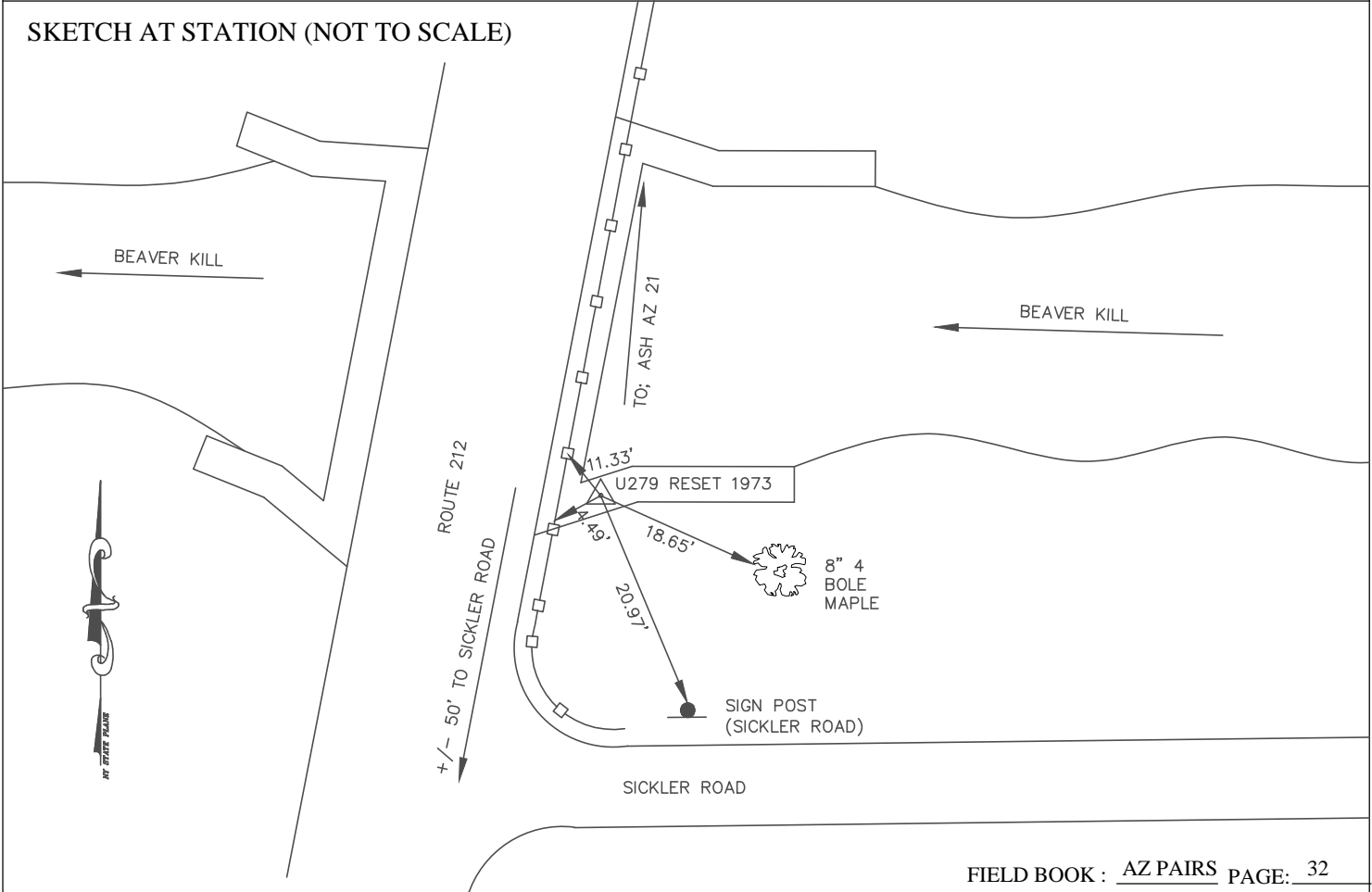
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Woodstock, Ulster County, NY		NAME OF STATION NGS U279 RESET 1973 (AKA ASH AZ 22)		MONUMENT TYPE DISK
NORTH : 1179583.5842	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
EAST : 566748.7304				
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 21	1211.63'	N 25°33'24" E
ELEVATION : 1047.84	US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY:	YEAR	-	0.999861080	-
T.Y. Lin International Medina	2013	-	-	-

DETAILED DESCRIPTION AT STATION

NGS U279 RESET 1973 IS A DISK SET ON THE SOUTHEAST WING WALL OF A BRIDGE CROSSING OVER THE BEAVER KILL, 50'+/- NORTH FROM THE INTERSECTION OF SICKLER ROAD AND ROUTE 212. THE STATION IS LOCATED 11.33' SOUTHEAST FROM AND X-CUT SET ON TOP OF A GUIDE RAIL POST, 18.65' NORTHWEST FROM A PK NAIL SET IN A 18" TWIN MAPLE TREE, 20.97' NORTHWEST FROM A SIGN POST (SICKLER ROAD) AND 4.49' NORTHEAST FROM AND X-CUT SET ON TOP OF A BOLT ON A GUIDE RAIL. A RESECTION WILL BE REQUIRED BETWEEN NGS U279 RESET 1973 AND NYSDOT 8-4-047 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

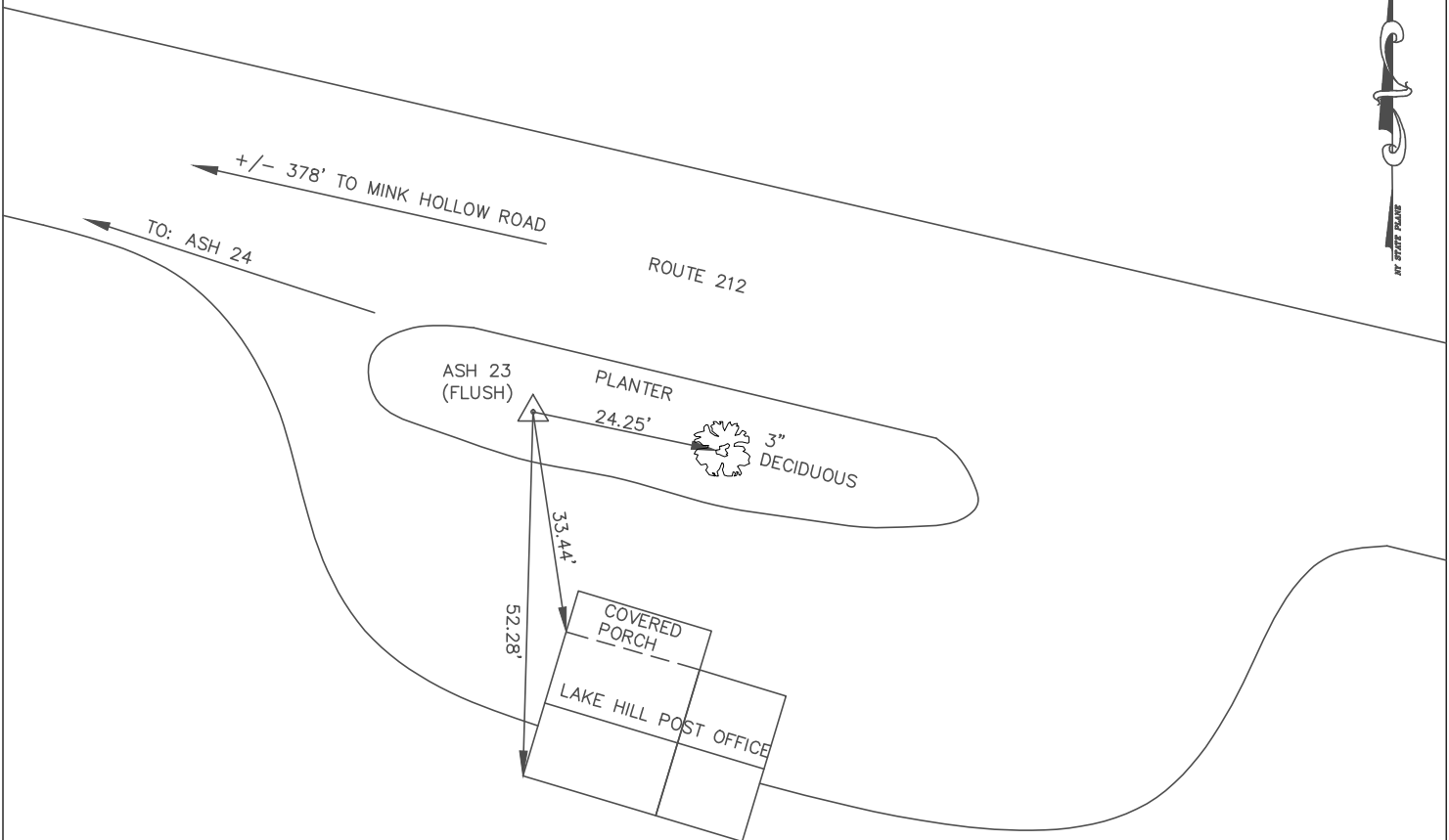
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Woodstock, Ulster County, NY		NAME OF STATION ASH 23		MONUMENT TYPE Bar & Cap	
NORTH : 1178172.8489 EAST : 577570.8289		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 24	984.66'	N 72°54'55" W	
ELEVATION : 1112.69 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999859980	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 23 IS A BAR AND CAP SET IN GRASS IN THE PLANTED AREA IN FRONT OF THE LAKE HILL US POST OFFICE ALONG ROUTE 212 +/- 378' WEST OF ITS INTERSECTION WITH MINK HOLLOW ROAD. THE STATION IS LOCATED 24.25' SOUTHWEST FROM A "PK" NAIL SET IN A 3" DECIDUOUS TREE, 33.44' NORTHWEST FROM THE NORTHWEST CORNER OF BUILDING (POST OFFICE) AND 52.28' NORTHWEST FROM THE SOUTHWEST CORNER OF BUILDING (POST OFFICE).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

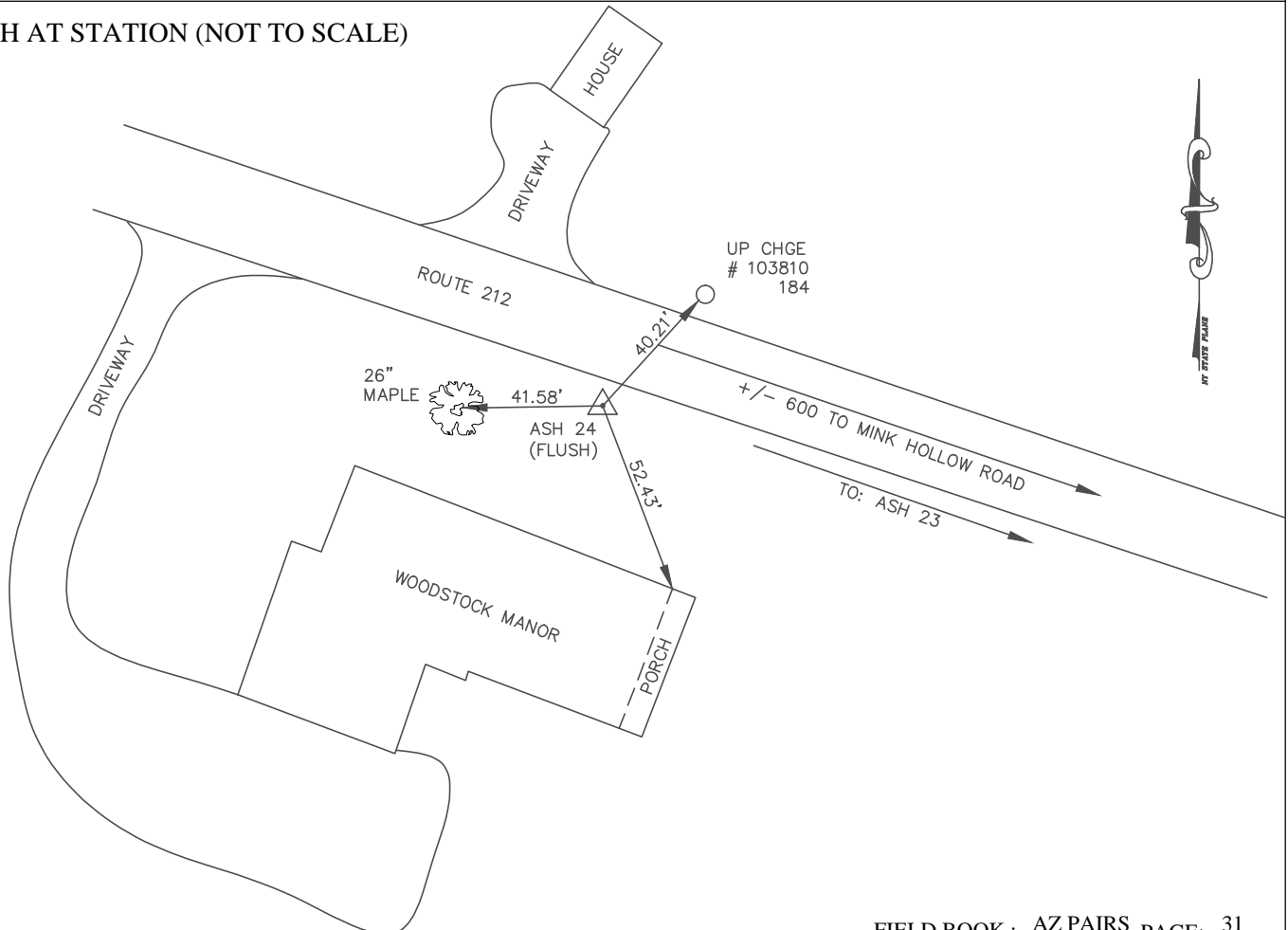
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Woodstock, Ulster County, NY		NAME OF STATION ASH 24		MONUMENT TYPE Bar & Cap	
NORTH : 1178462.1282 EAST : 576629.6242 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 23	984.66'	S 72°54'55" E	
ELEVATION : 1125.16 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999859200	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 24 IS A BAR AND CAP SET IN GRASS 600'+/- WEST FROM THE INTERSECTION OF MINK HOLLOW ROAD AND ROUTE 212. THE STATION IS LOCATED 40.21' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 103810 184), 52.43' NORTHWEST FROM THE CORNER OF FOUNDATION TO WOODSTOCK MANOR AND 41.58' NORTHEAST FROM A "PK" NAIL SET IN A 26" MAPLE TREE WITH A WOODSTOCK MANOR SIGN.

SKETCH AT STATION (NOT TO SCALE)



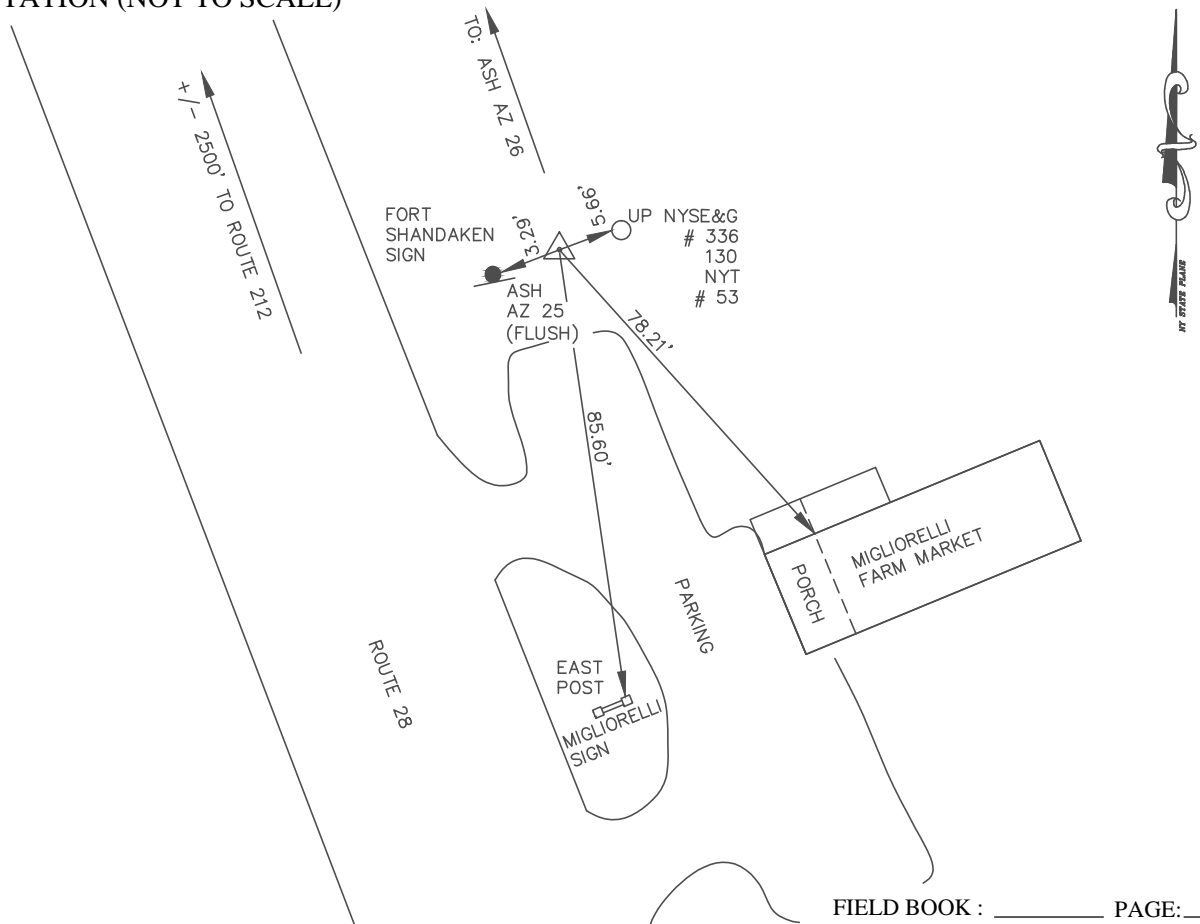
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 25		MONUMENT TYPE Disk	
NORTH : 1165675.7448 EAST : 553184.0506		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 26	2422.77'	N 22°25'04" W	
ELEVATION : 684.01 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999876360	-	
YEAR: 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH AZ 25 IS A DISK SET FLUSH IN A CONCRETE SLEEVE, +/- 2250' SOUTH FROM THE INTERSECTION OF ROUTE 212 AND ROUTE 28. THE STATION IS LOCATED 5.66' WESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (# 336 130 53), 85.60' NORTHERLY FROM A "PK" NAIL SET IN A SIGN EASTERLY POST (MIGLIORELLI FARM MARKET), 3.29' NORTHEASTERLY FROM AN X-CUT SET ON A SIGN POST (FORT SHANDAKEN) AND 78.21' NORTHWEST FROM THE NORTHWEST CORNER OF BUILDING FOR MIGLIORELLI FARM MARKET. A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 25 AND ASH AZ 26 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

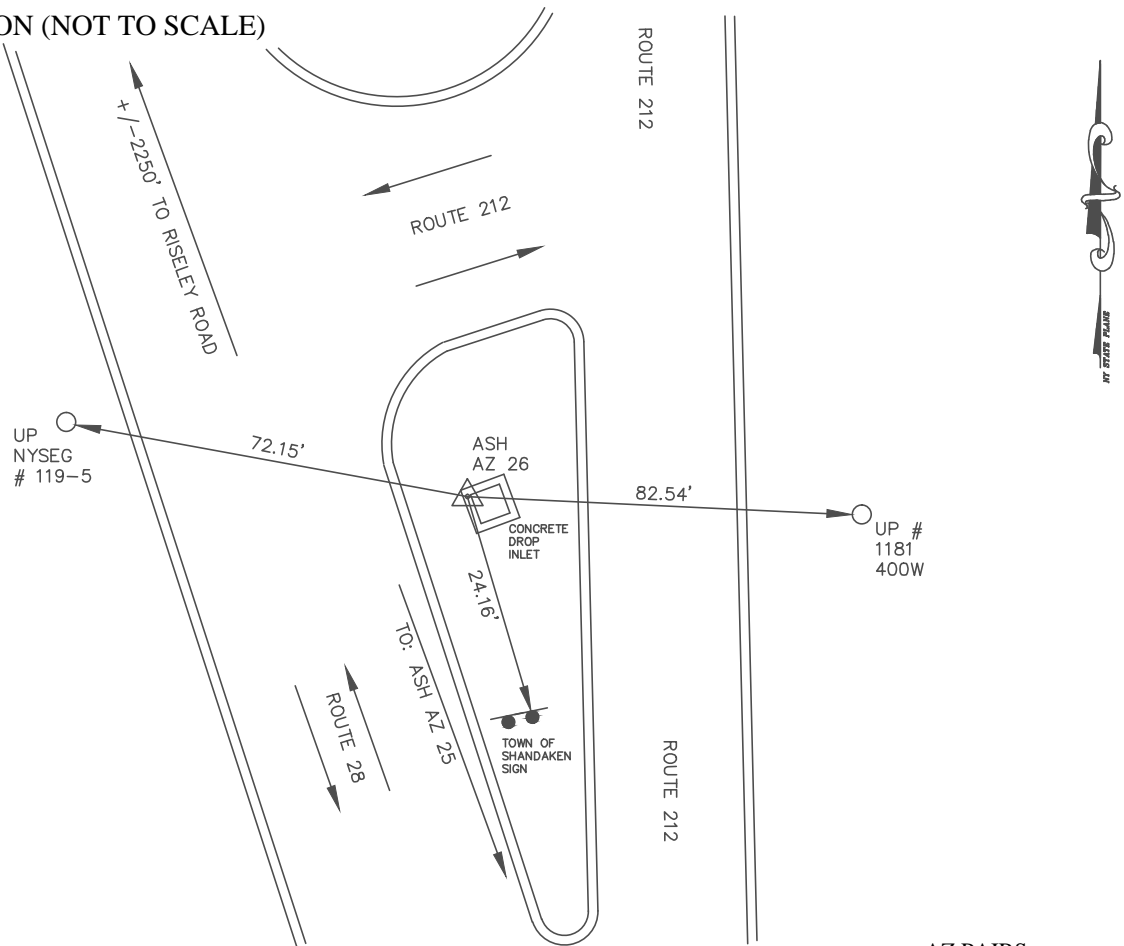
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Shandaken, Ulster County, NY		NAME OF STATION ASH AZ 26		MONUMENT TYPE DISK
NORTH : 1167915.4185 EAST : 552260.1135		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 25	2422.77	S 22°25'04" E
ELEVATION : 688.36	US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY:	YEAR	-	0.999876020	-
T.Y. Lin International Medina	2013	-	-	-

DETAILED DESCRIPTION AT STATION
 ASH AZ 26 IS A DISK SET ON THE NORTHWEST CORNER OF A CONCRETE DROP INLET, AT THE INTERSECTION OF ROUTE 212 AND ROUTE 28. THE STATION IS LOCATED 72.15' EASTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (NYSEG #119-5), 82.54' WESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (# 1181 400W), AND 24.16' NORTHWEST FROM A PK NAIL SET ON THE EAST POST FOR TOWN OF SHANDAKEN SIGN. A RESECTION WILL BE REQUIRED BETWEEN ASH AZ 26 AND ASH AZ 25 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

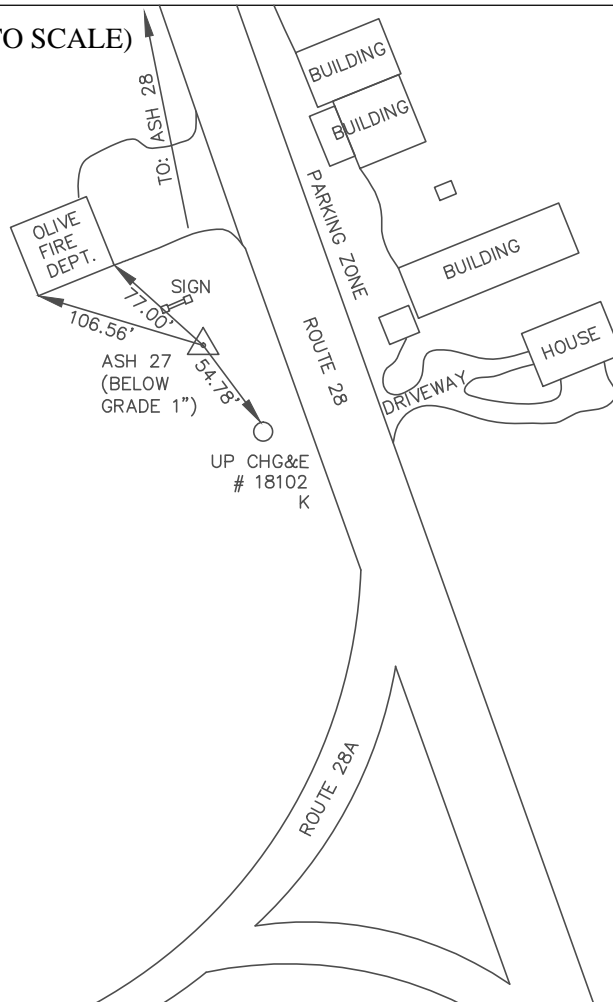
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Olive, Ulster County, NY		NAME OF STATION ASH 27		MONUMENT TYPE Bar & Cap	
NORTH : 1155614.7148 EAST : 555603.5085		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH 28	862.91'	N 11°25'10" W	
ELEVATION : 623.60 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999879620	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH 27 IS A BAR AND CAP SET IN GRASS ON THE GROUNDS FOR THE OLIVE FIRE DEPARTMENT, ALONG ROUTE 28 +/- 140' FROM ITS INTERSECTION WITH ROUTE 28A AND 77.00' SOUTHEAST FROM THE SOUTHEAST CORNER OF BUILDING (OLIVE FIRE DEPARTMENT), 54.78' NORTHWEST FROM A "PK" NAIL SET IN AN UTILITY POLE (CHG & E CORP # 18102K), AND 106.56' SOUTHEAST FROM THE SOUTHWEST CORNER OF BUILDING (OLIVE FIRE DEPARTMENT).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

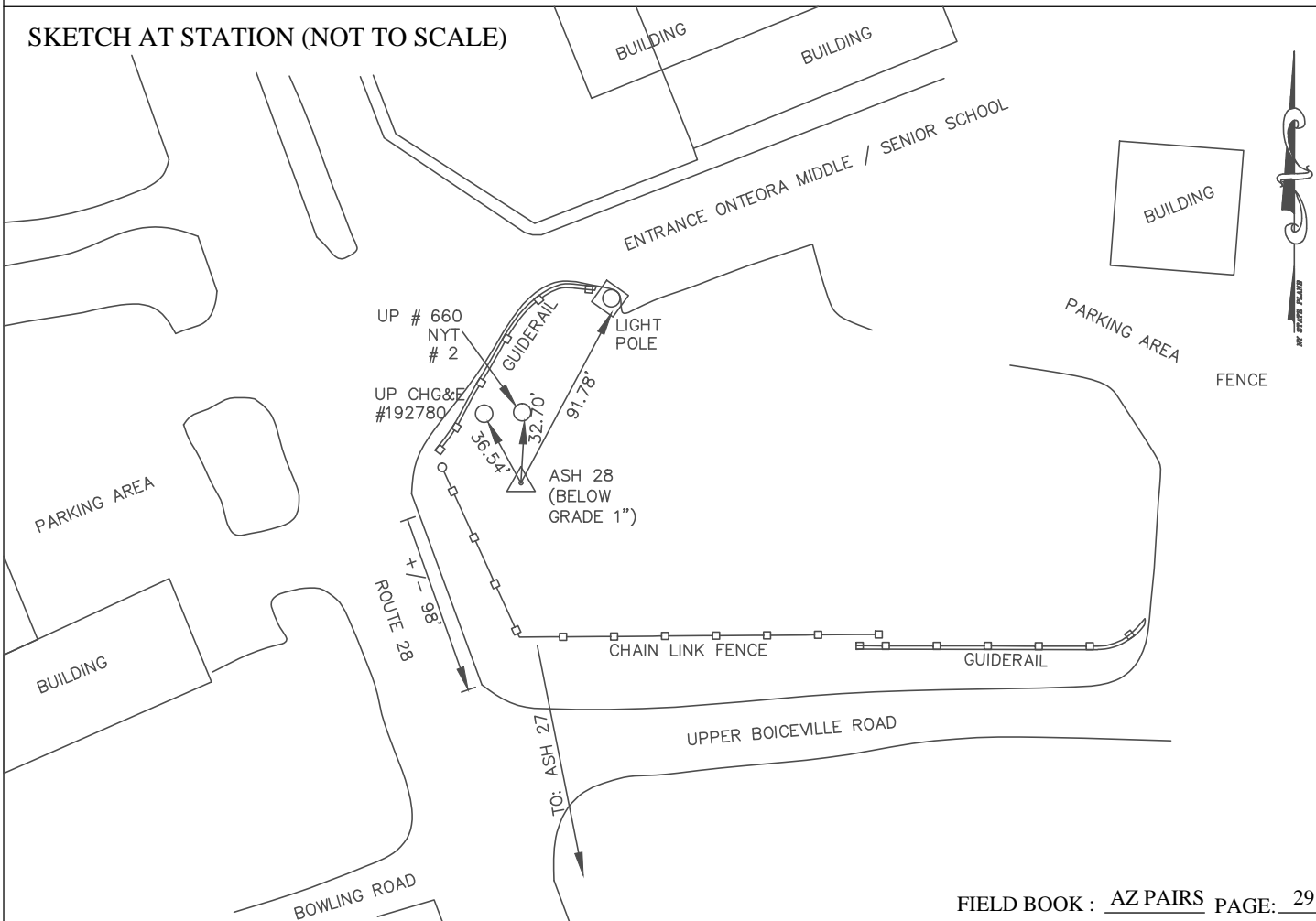
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Olive, Ulster County, NY		NAME OF STATION ASH 28		MONUMENT TYPE Bar & Cap	
NORTH : 1156460.5415 EAST : 555432.6591		US FOOT			
VERT. DATUM: NAVD88 (Geoid09)		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 641.37		ASH 27	862.91'	S 11°25'10" E	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2012		COMBINED S.F. : -	
		0.999878740		-	
		-		-	

DETAILED DESCRIPTION AT STATION

ASH 28 IS A BAR AND CAP SET IN GRASS ON THE GROUNDS OF ONTEORA CENTRAL SCHOOL, ALONG ROUTE 28, +/- 98' FROM ITS INTERSECTION WITH UPPER BOICEVILLE ROAD. THE STATION IS LOCATED 36.54' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (CHG & E # 192780), 32.70' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 660 NYT # 1) AND 91.78' SOUTHWEST FROM A X-CUT SET ON A SOUTHEAST LIGHT MOUNTING BOLT.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

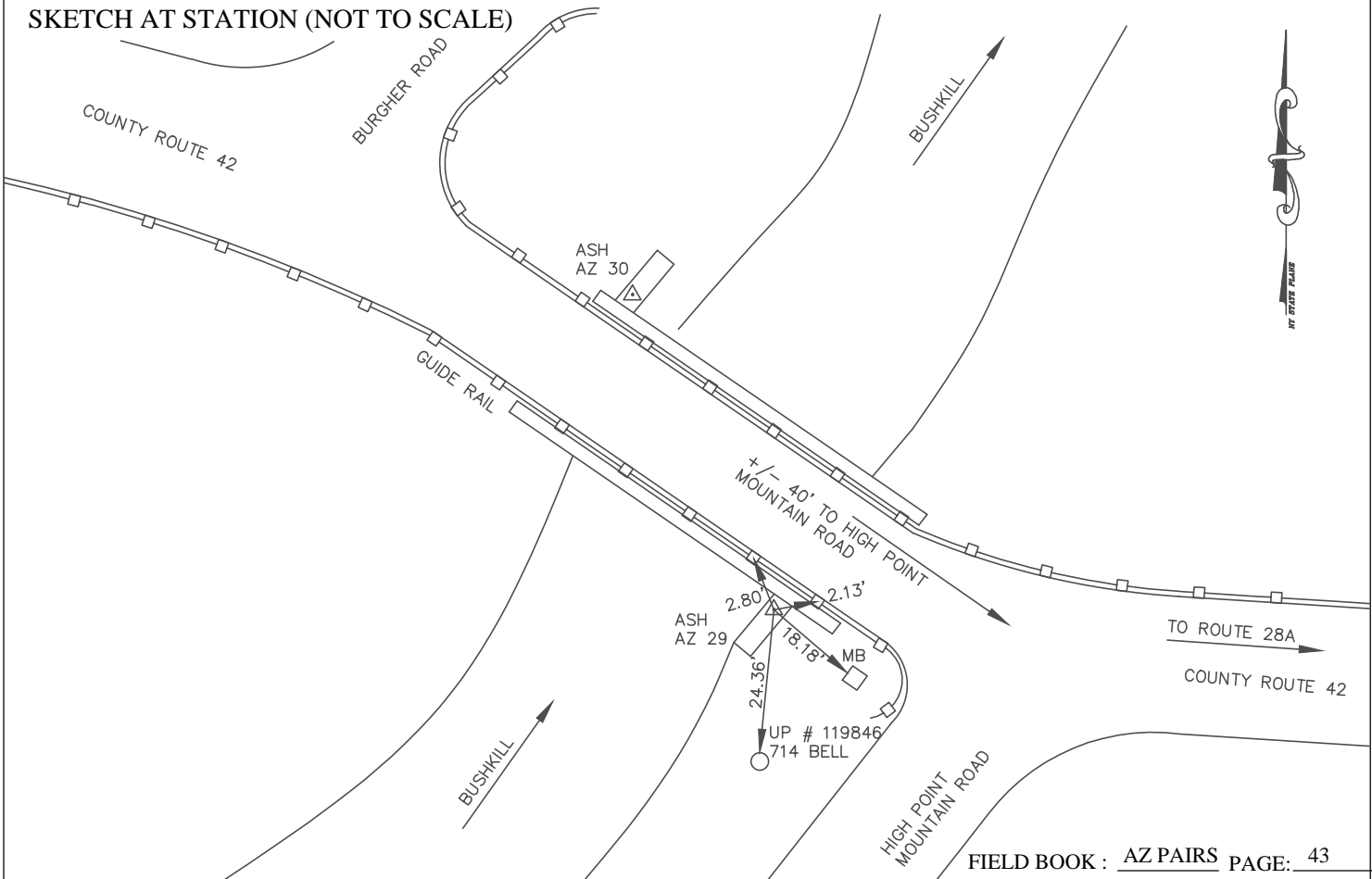
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Olive, Ulster County, NY		NAME OF STATION ASH AZ 29		MONUMENT TYPE DISK	
NORTH : 1141533.1952 US FOOT EAST : 550131.4027		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 30	195.12'	N 41°47'34"W	
ELEVATION : 674.12 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999876450	-	
YEAR: 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

ASH AZ 29 IS A DISK SET ON TOP OF THE SOUTHEAST CONCRETE WING WALL OF A BRIDGE CROSSING OVER THE BUSH KILL LOCATED ALONG COUNTY ROUTE 42, +/- 40' NORTHWEST FROM ITS INTERSECTION WITH ROUTE HIGHPOINT MOUNTAIN ROAD. THE STATION IS LOCATED 2.80' SOUTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 2.13' SOUTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 18.18' NORTHWESTERLY FROM PK NAIL SET IN A MAILBOX POST (#2) AND 24.36' NORTHERLY FROM A PK NAIL SET IN A UTILITY POLE # 119846 714 BELL.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

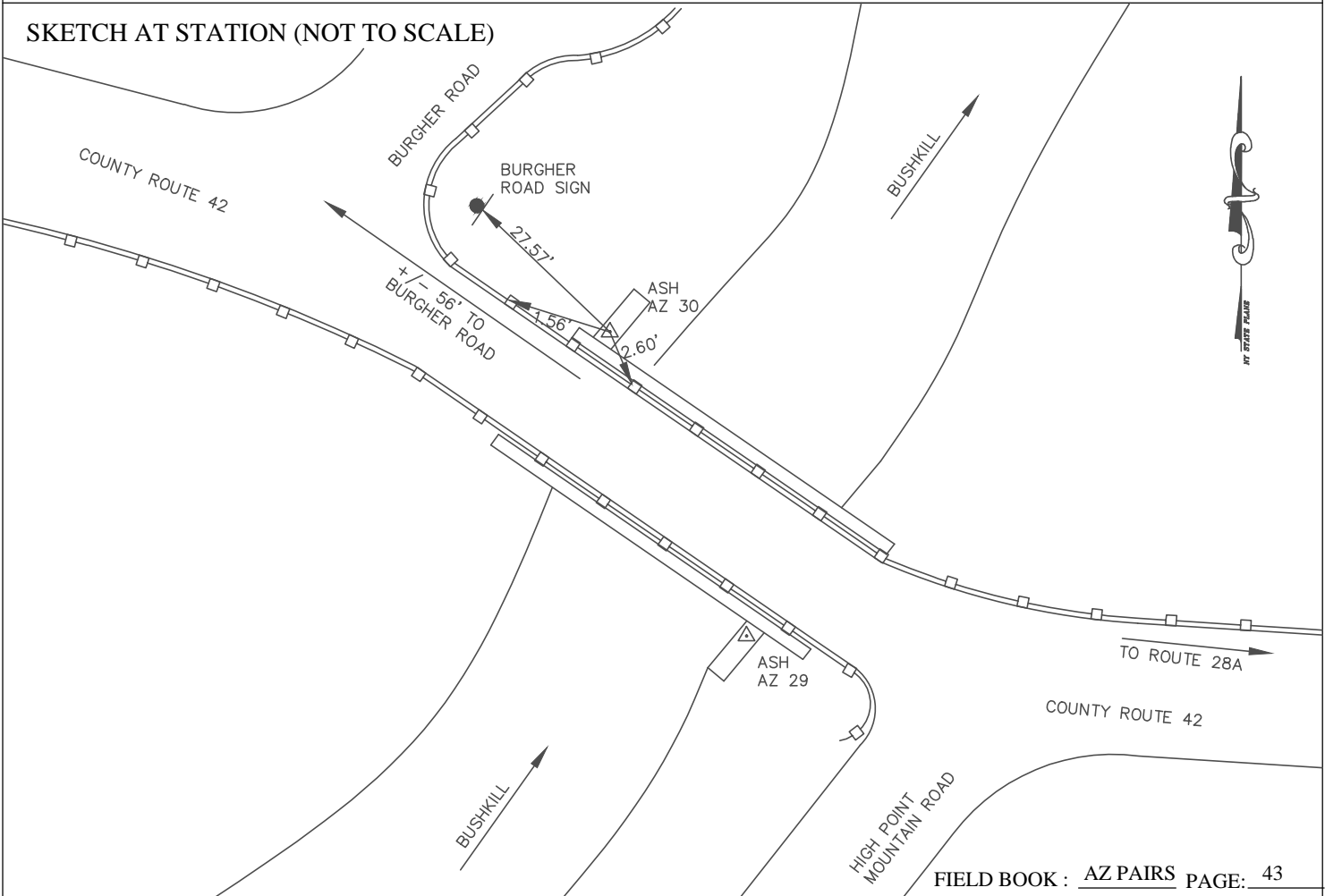
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Olive, Ulster County, NY		NAME OF STATION ASH AZ 30		MONUMENT TYPE DISK	
NORTH : 1141678.6693 EAST : 550001.3663		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		ASH AZ 29	195.12'	S 41°47'34" E	
ELEVATION : 674.51 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999876410	-	
YEAR: 2013		-	-	-	

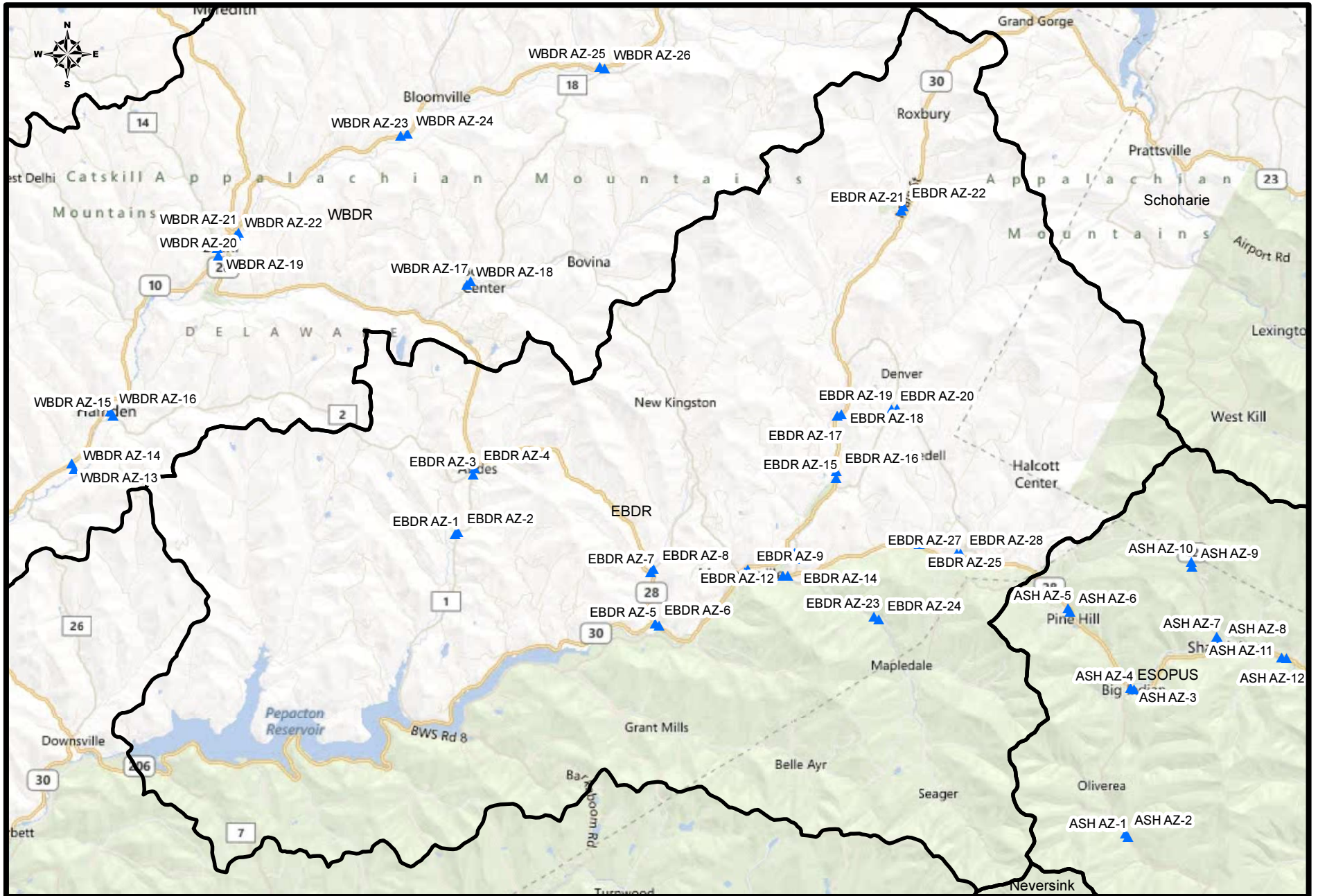
DETAILED DESCRIPTION AT STATION

ASH AZ 30 IS A DISK SET ON TOP OF THE NORTHWEST CONCRETE WING WALL OF A BRIDGE CROSSING OVER THE BUSH KILL LOCATED ALONG COUNTY ROUTE 42, +/- 56' SOUTHEAST FROM ITS INTERSECTION WITH BURCHER ROAD. THE STATION IS LOCATED 2.60' NORTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 1.56' EASTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND 27.57' SOUTHEASTERLY FROM A SIGN POST (BURCHER ROAD).

SKETCH AT STATION (NOT TO SCALE)



Azimuth Pair Locations - EBDR Watershed



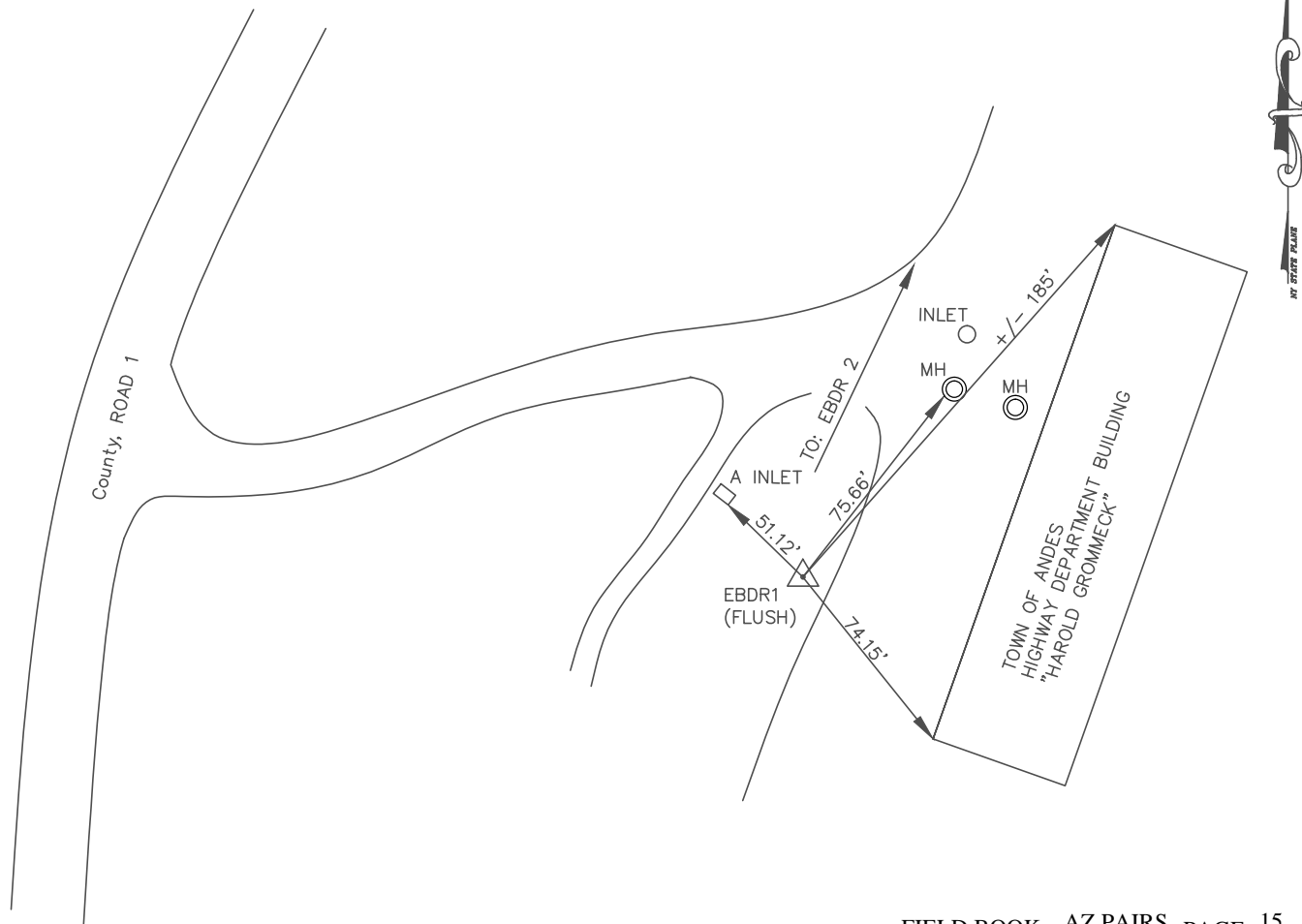
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Andes - Delaware County, NY		NAME OF STATION EBDR 1	MONUMENT TYPE Bar & Cap
NORTH : 1212907.3015 EAST : 411595.9211	US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT EBDR 2	GRID DISTANCE (FT) 524.12'	GRID BEARING N 43°55'15" E
ELEVATION : 1518.69 US FOOT	-	COMBINED S.F.	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	0.999839480	-
	-	-	-

DETAILED DESCRIPTION AT STATION

EBDR 1 IS A BAR AND CAP SET IN GRASS ON THE PROPERTIES OF THE TOWN OF ANDES HIGHWAY DEPARTMENT. THE STATION IS LOCATED 51.12' SOUTHEAST FROM THE SOUTHEAST CORNER OF AN A TYPE "A" INLET, 75.66' SOUTHWEST FROM A X-CUT SET ON A MANHOLE RIM AND 74.15' NORTHWEST FROM THE SOUTHWESTERLY CORNER OF THE TOWN OF ANDES HIGHWAY DEPARTMENT BUILDING "HAROLD GROMMECK".

SKETCH AT STATION (NOT TO SCALE)



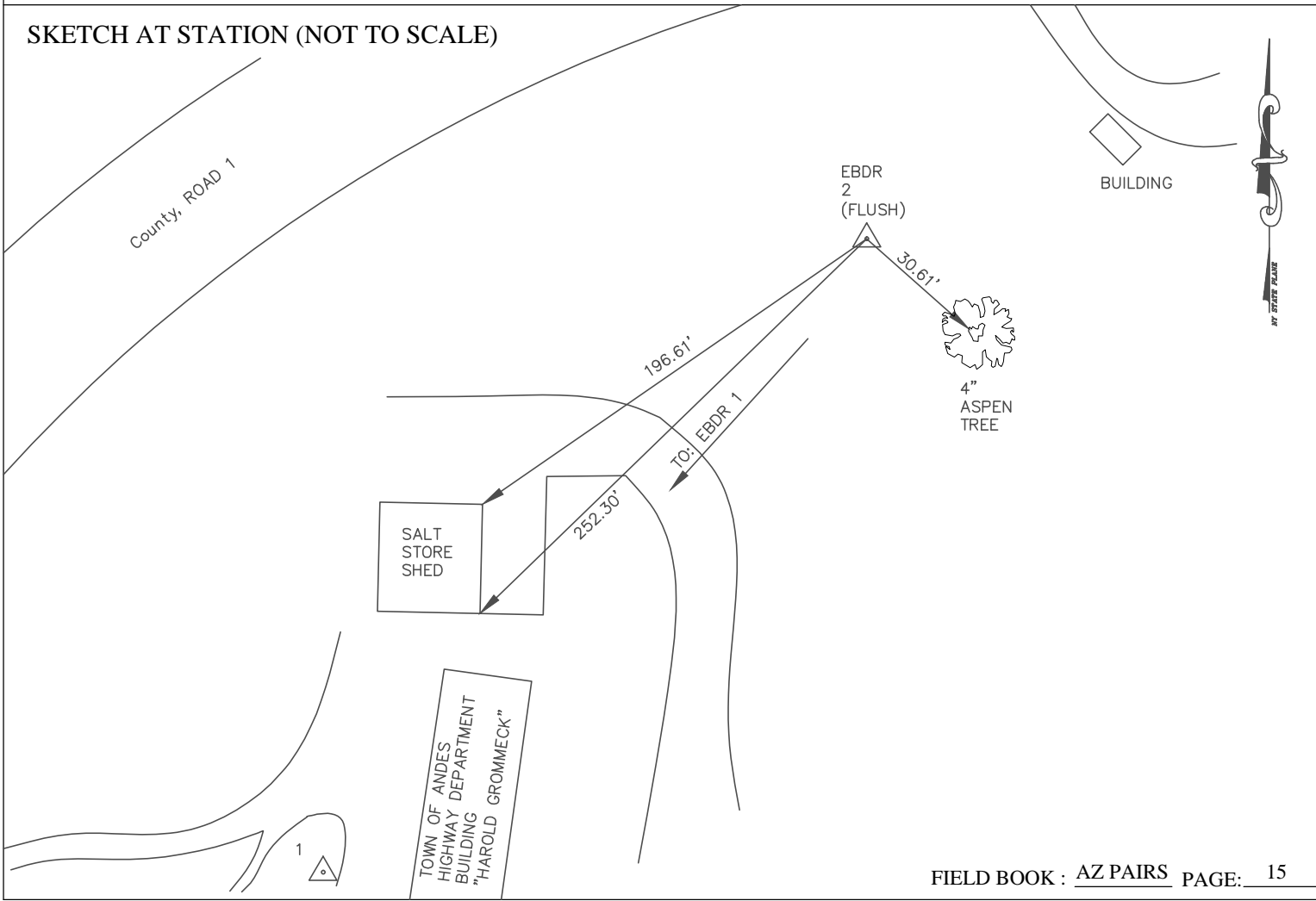
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Andes - Delaware County, NY		NAME OF STATION EBDR 2	MONUMENT TYPE Bar & Cap
NORTH : 1213284.8212 EAST : 411959.4807	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT EBDR 1	GRID DISTANCE (FT) 524.12' GRID BEARING S 43°55'15" W
ELEVATION : 1562.57	US FOOT	-	COMBINED S.F. -
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	0.999837320 -
		-	-

DETAILED DESCRIPTION AT STATION

EBDR 2 IS A BAR AND CAP SET IN GRASS ON THE PROPERTIES OF THE TOWN OF ANDES HIGHWAY DEPARTMENT. THE STATION IS LOCATED 30.61' NORTHWEST FROM A "PK" NAIL SET IN A 4" ASPEN TREE, 252.30' NORTHEAST FROM THE SOUTHEAST CORNER OF THE TOWN OF ANDES HIGHWAY SALT STORAGE SHED. AND 196.61' NORTHEAST FROM THE NORTHEAST CORNER OF THE TOWN OF ANDES HIGHWAY SALT STORAGE SHED.

SKETCH AT STATION (NOT TO SCALE)



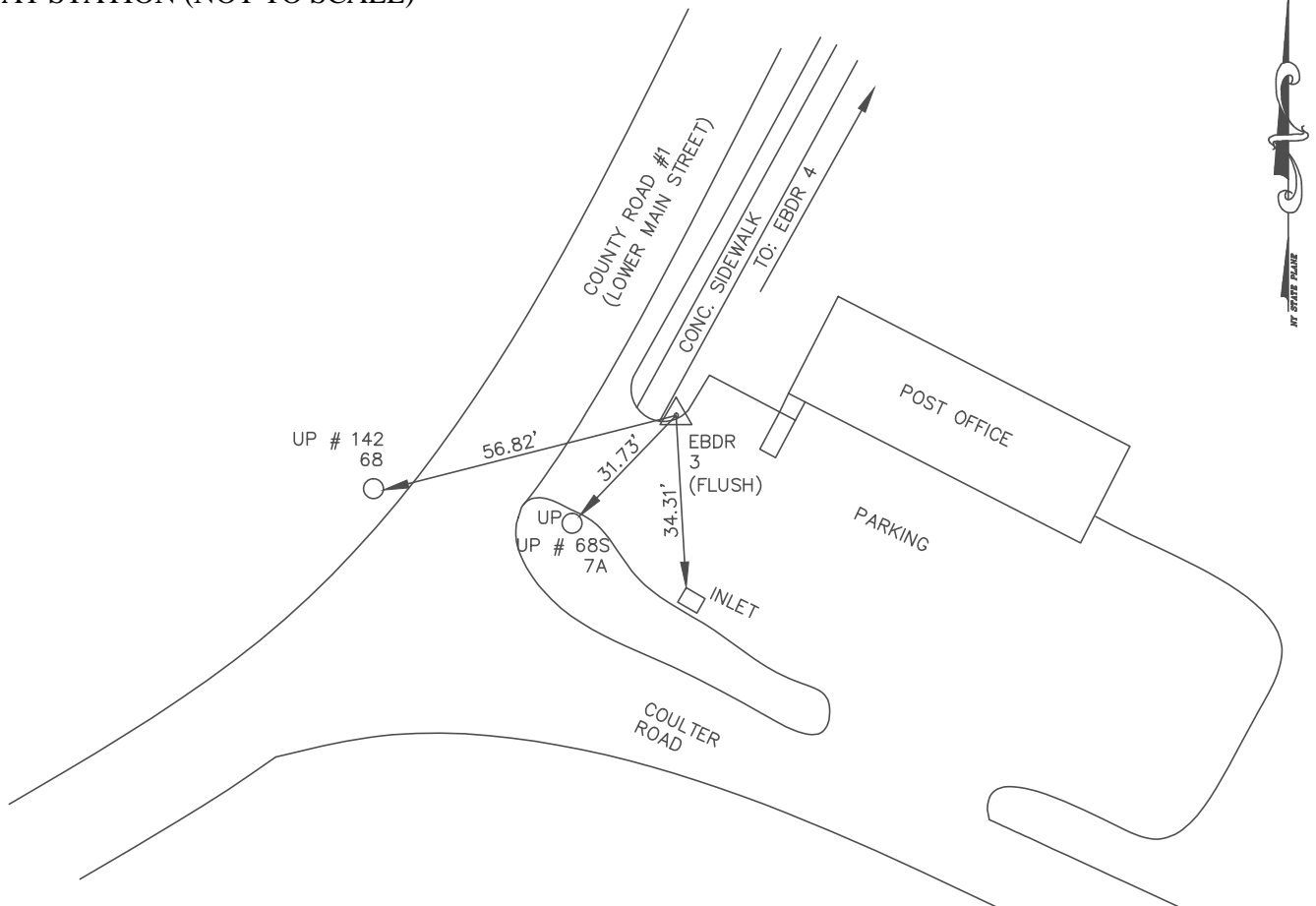
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Andes - Delaware County, NY		NAME OF STATION EBDR 3		MONUMENT TYPE Bar & Cap	
NORTH : 1221369.7800 EAST : 414125.7572		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 4	909.72'	N 13°22'32" E	
ELEVATION : 1586.14 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999835800	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 3 IS A BAR AND CAP SET IN THE GRASS ON THE NORTHEAST CORNER OF THE INTERSECTION OF COUNTY ROAD #1 AND COULTER ROAD. THE STATION IS LOCATED 56.82' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (#142 68), 34.31' NORTHWEST FROM THE NORTHWEST CORNER OF AN INLET AND 31.73' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 68S 7A).

SKETCH AT STATION (NOT TO SCALE)



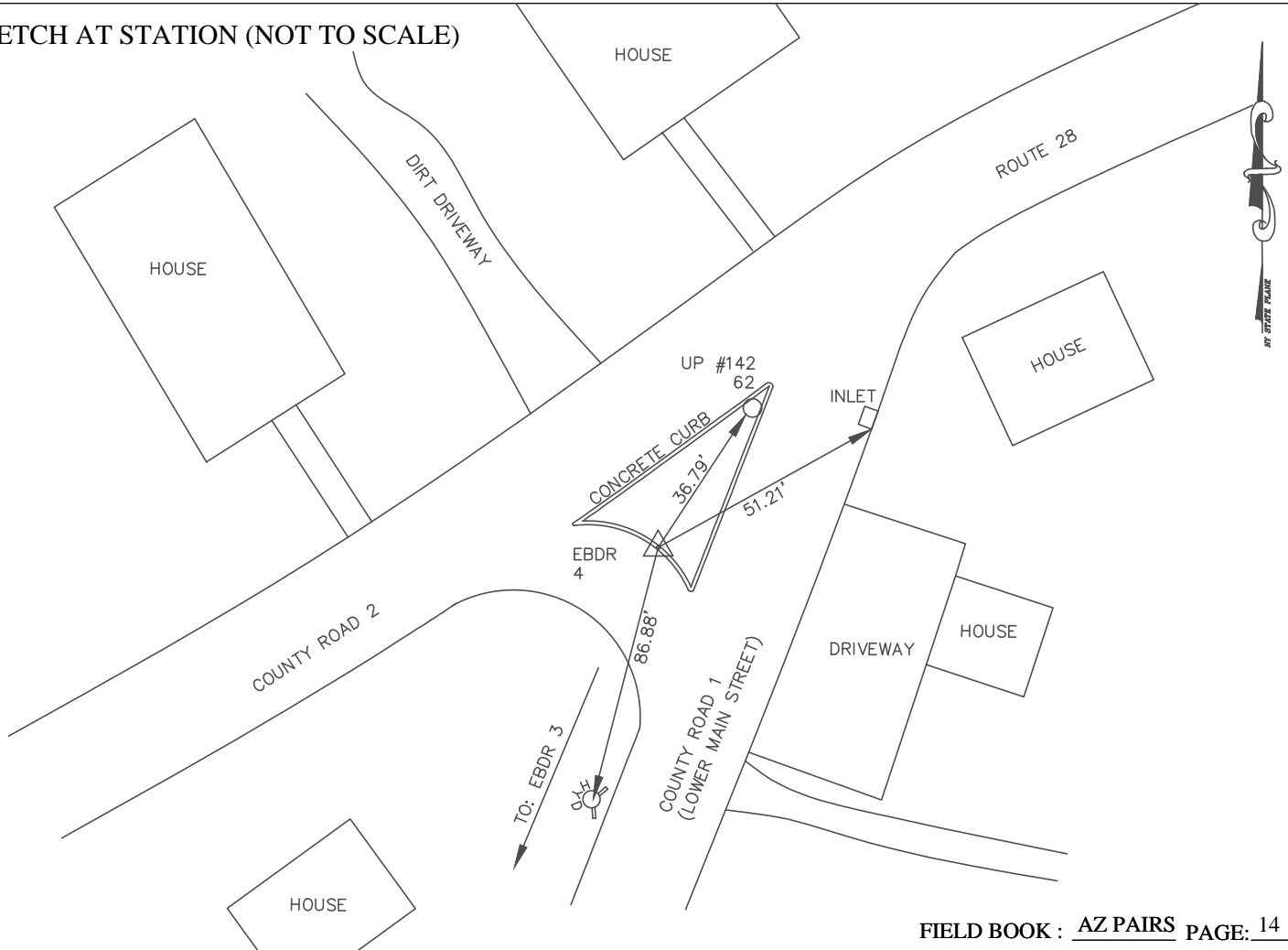
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Andes - Delaware County, NY		NAME OF STATION EBDR 4		MONUMENT TYPE Disk	
NORTH : 1222254.8229 EAST : 414336.2066		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 1593.11 US FOOT		EBDR 3	909.72'	S 13°22'32" W	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999835430	-	
			-	-	

DETAILED DESCRIPTION AT STATION

EBDR 4 IS A DISK SET ON A CONCRETE CURB ON A TRAFFIC ISLAND AT THE INTERSECTION OF LOWER MAIN STREET, DEPOT STREET AND CABIN HILL ROAD. THE STATION IS LOCATED 36.79' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 142 62), 51.21' SOUTHWEST FROM THE SOUTHEAST CORNER OF AN INLET AND 86.88' NORTHEAST FROM A X-CUT SET ON A FIRE HYDRANT BOLT.

SKETCH AT STATION (NOT TO SCALE)



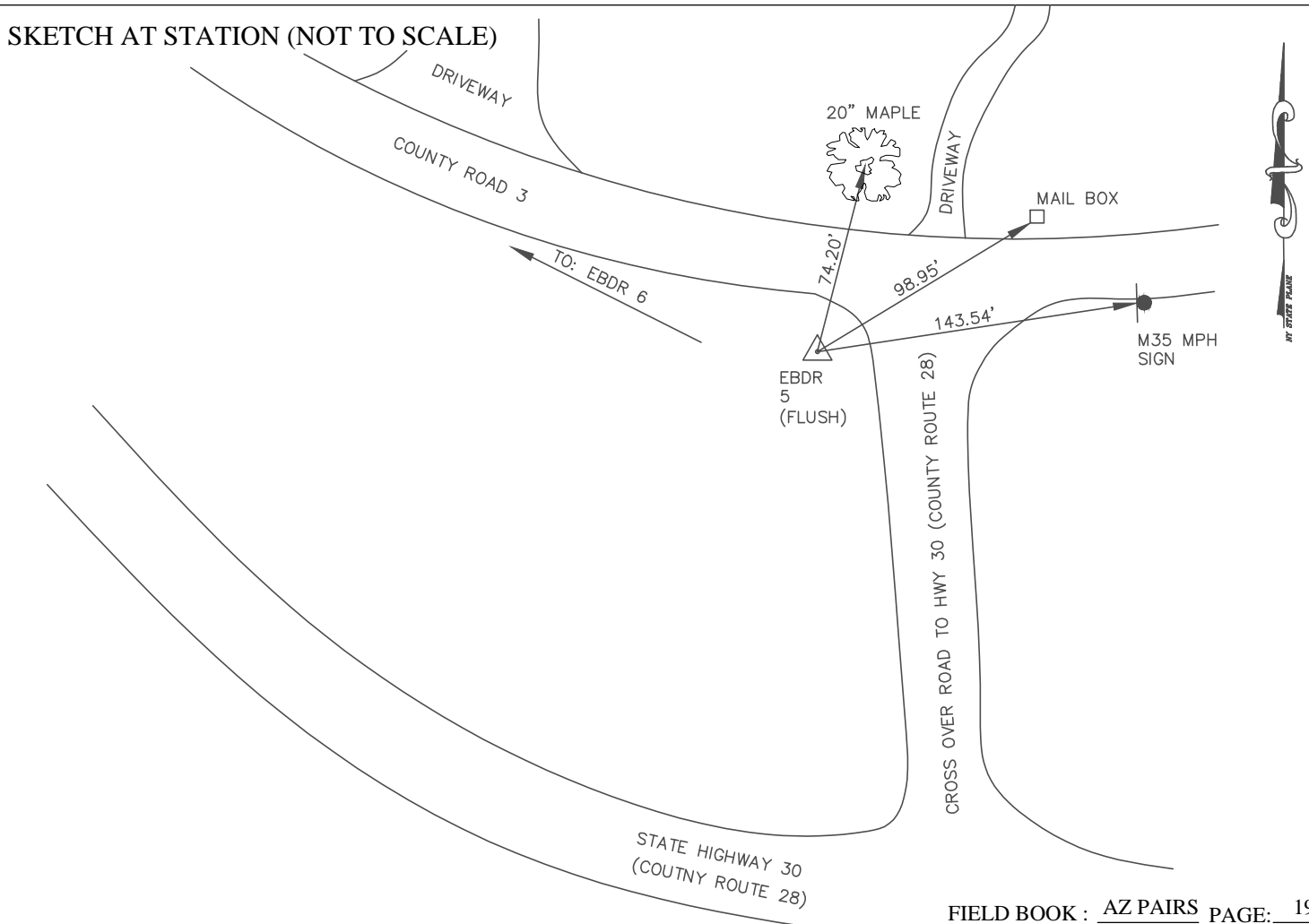
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 5		MONUMENT TYPE Bar & Cap	
NORTH : 1199983.9724 EAST : 440383.8803		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 6	630.07'	N 60°24'27" W	
ELEVATION : 1320.73		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International		YEAR 2012	0.999844580	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 5 IS A BAR AND CAP SET IN GRASS AT THE SOUTHWEST CORNER OF THE INTERSECTION BETWEEN COUNTY ROAD 3 AND THE CROSS OVER ROAD TO STATE HIGHWAY 30 (COUNTY ROUTE 28). THE STATION IS LOCATED 74.20' SOUTHWEST FROM A "PK" NAIL SET IN A 20" MAPLE, 98.95' SOUTHWEST FROM "PK" NAIL SET IN THE CORNER OF THE MAIL BOX POST (# 389) AND 143.54' SOUTHWEST FROM A SIGN POST (35 MPH).

SKETCH AT STATION (NOT TO SCALE)



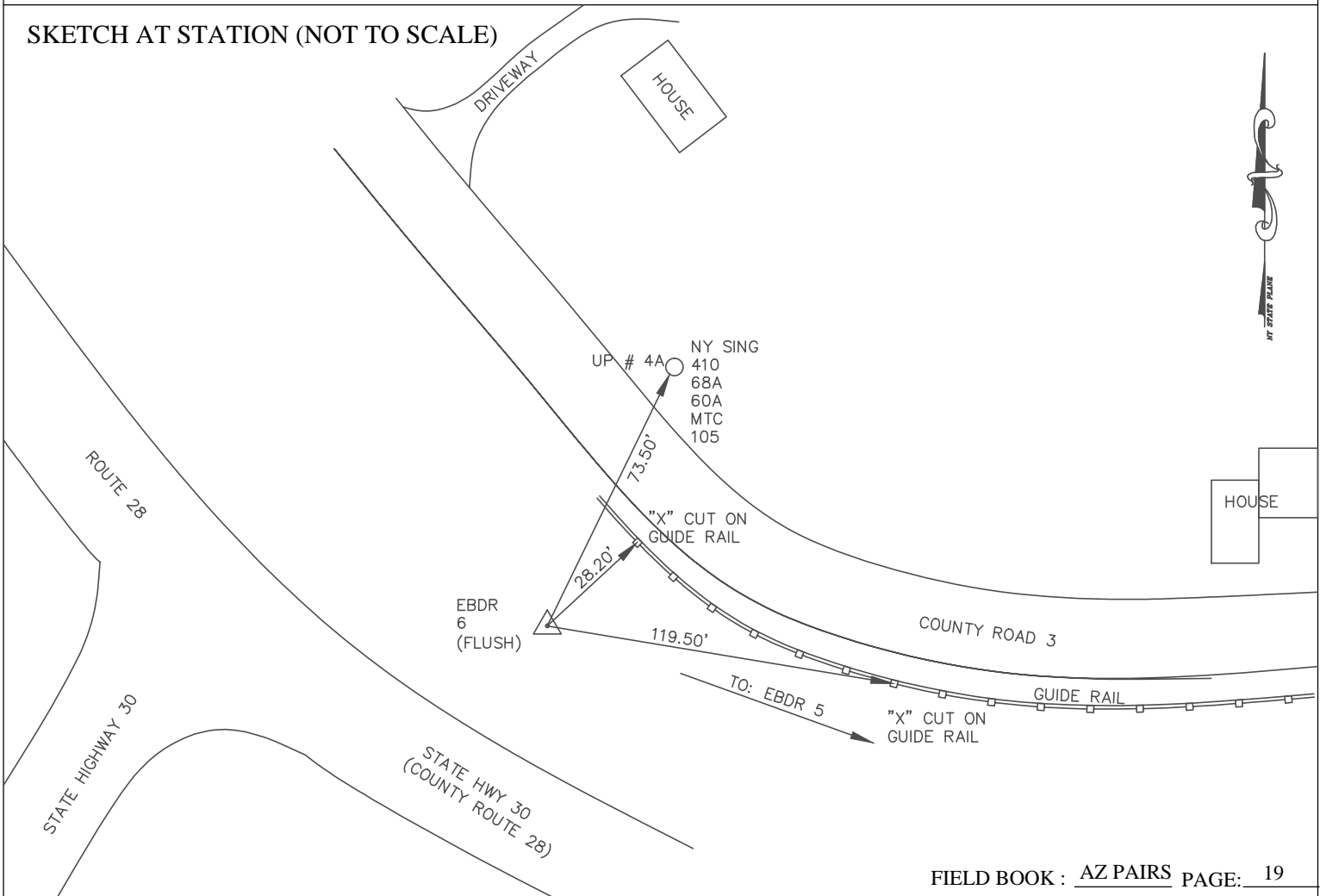
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 6	MONUMENT TYPE Bar & Cap
NORTH : 1200295.1207 EAST : 439835.9931	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT EBDR 5	GRID DISTANCE (FT) 630.07' GRID BEARING S 60°24'27" E
ELEVATION : 1324.36	US FOOT	-	COMBINED S.F. -
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	0.999844470 -
		-	-

DETAILED DESCRIPTION AT STATION

EBDR 6 IS A BAR AND CAP SET IN GRASS 325'+/- SOUTHEASTERLY FROM THE INTERSECTION OF ROUTE 30 AND ROUTE 28. THE STATION IS LOCATED 73.50' SW FROM A "PK" NAIL SET IN A UTILITY POLE (4A), 28.20' SW FROM AN X-CUT SET ON A GUIDE RAIL POST AND 119.50' NORTHWEST FROM AN "X" CUT ON GUIDE RAIL.

SKETCH AT STATION (NOT TO SCALE)



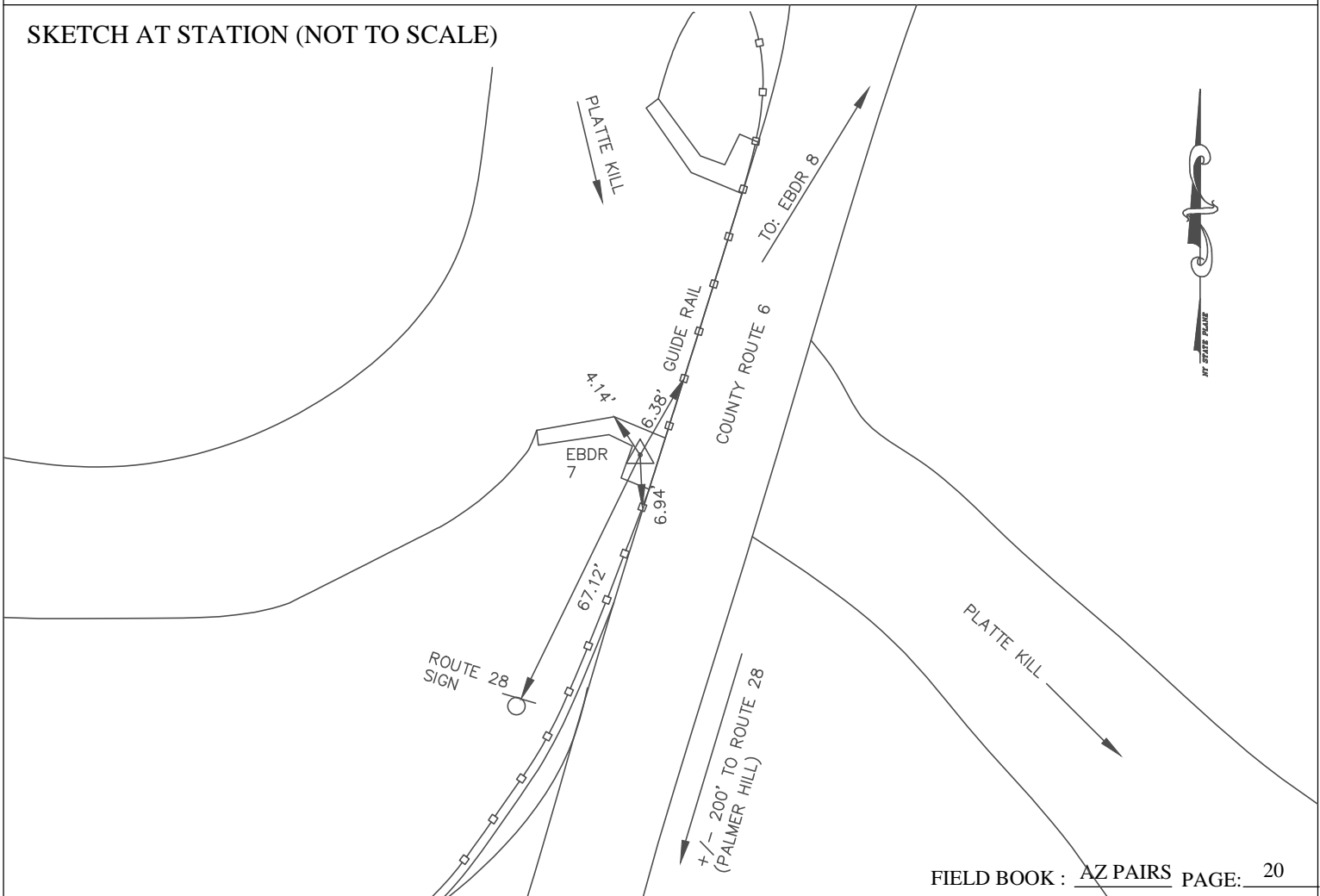
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 7		MONUMENT TYPE DISK	
NORTH : 1207674.6439 EAST : 439259.1767		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 8	509.25'	N 39°16'15" E	
ELEVATION : 1377.26 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.99984202	-	
YEAR 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 7 IS A DISK SET IN CONCRETE WING WALL ALONG COUNTY ROUTE 6, +/- 200' NORTHERLY FROM ITS INTERSECTION WITH ROUTE 28. THE STATION IS LOCATED 4.14' SOUTHEASTERLY FROM AN ANGLE POINT ON WING WALL, 6.38' SOUTHWESTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 6.94' NORTHWESTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND 67.12' NORTHEASTERLY FROM A ROUTE 28 SIGN.

SKETCH AT STATION (NOT TO SCALE)



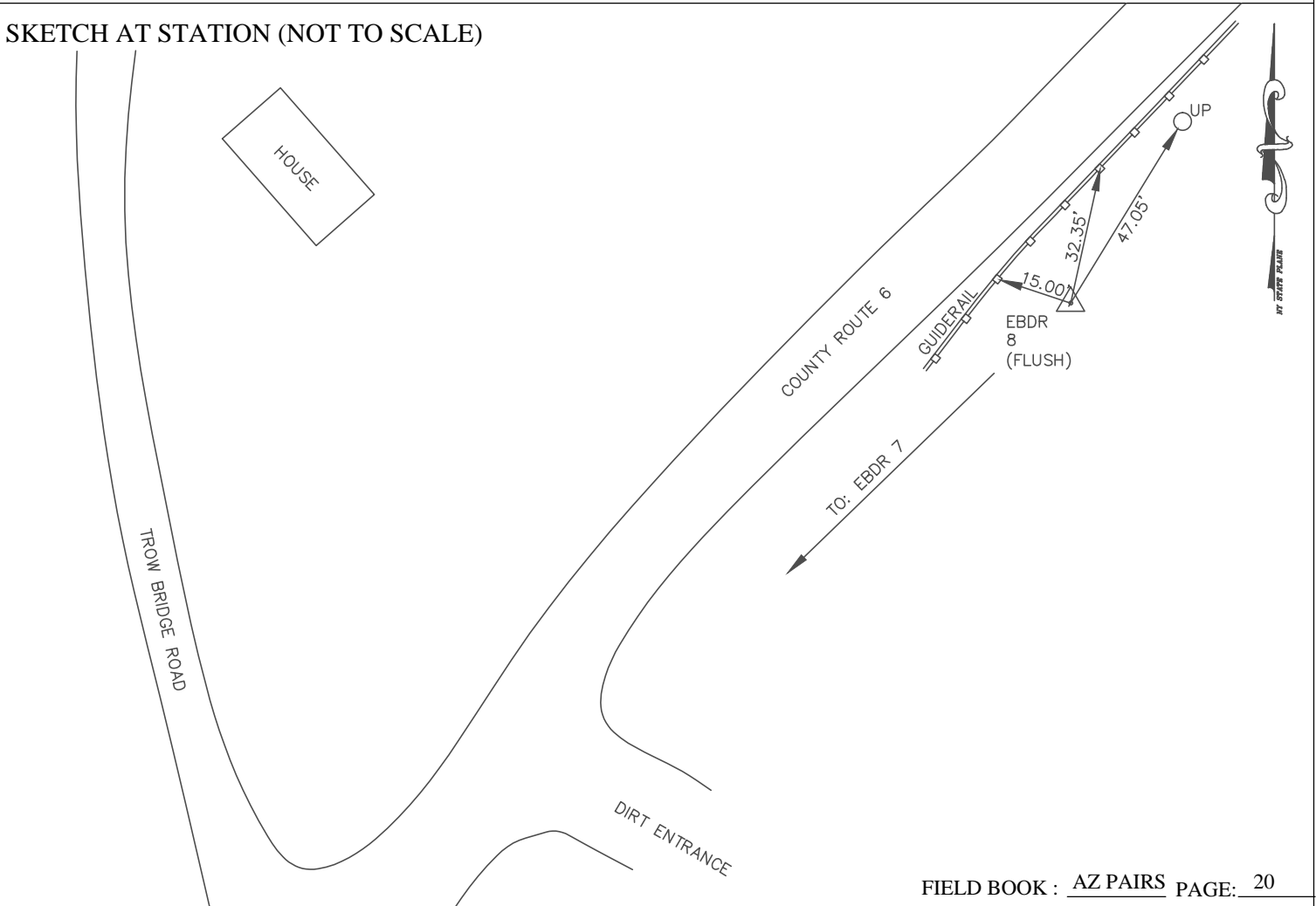
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 8		MONUMENT TYPE Bar & Cap	
NORTH : 1208068.8901 EAST : 439581.5282		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 7	509.25'	S 39°16'15" W	
ELEVATION : 1390.55 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999841340	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 8 IS A BAR AND CAP SET IN GRASS 360'+/- NORTHEASTERLY FROM THE INTERSECTION OF COUNTY ROAD 6 AND TROW BRIDGE ROAD. THE STATION IS LOCATED 47.05' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE, 15.00' SOUTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND 32.35' SOUTH FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



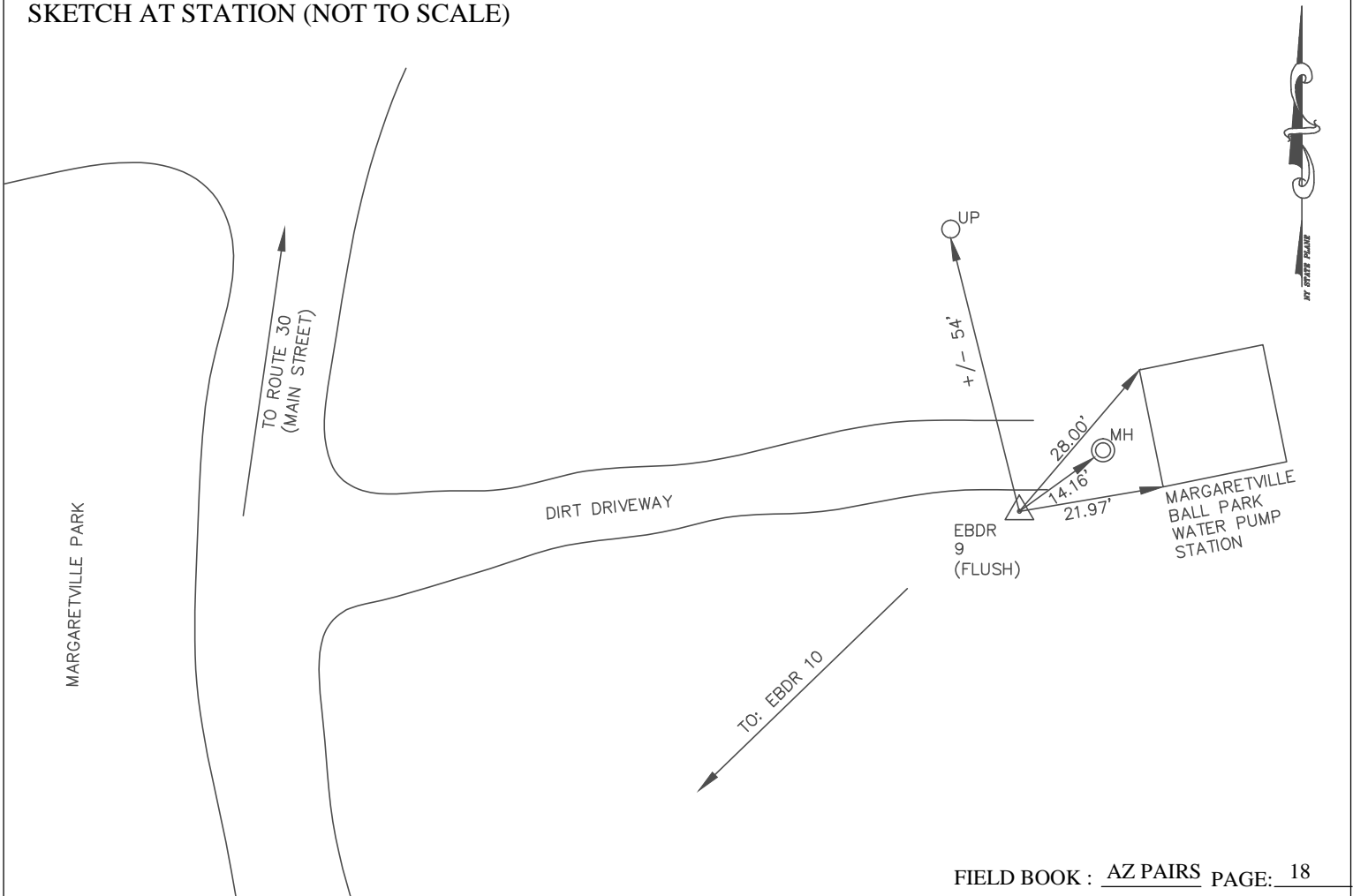
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 9		MONUMENT TYPE Bar & Cap	
NORTH : 1207965.8108 EAST : 452927.5005		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 10	550.42'	S 47°44'36" W	
ELEVATION : 1326.18 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.999843020	-	
		2012	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 9 IS A BAR AND CAP SET IN GRASS ON THE PROPERTIES OF MARGARETVILLE BALL PARK. THE STATION IS LOCATED 21.97' SOUTHWEST FROM THE SOUTHWEST CORNER OF BUILDING (MARGARETVILLE BALL PARK WATER PUMP STATION), 14.16' SOUTHWEST FROM A X-CUT SET ON A LATERAL PIPE SLEEVE AND 28.00' SOUTHWEST FROM THE NORTHWEST CORNER OF BUILDING (MARGARETVILLE BALL PARK WATER PUMP STATION).

SKETCH AT STATION (NOT TO SCALE)



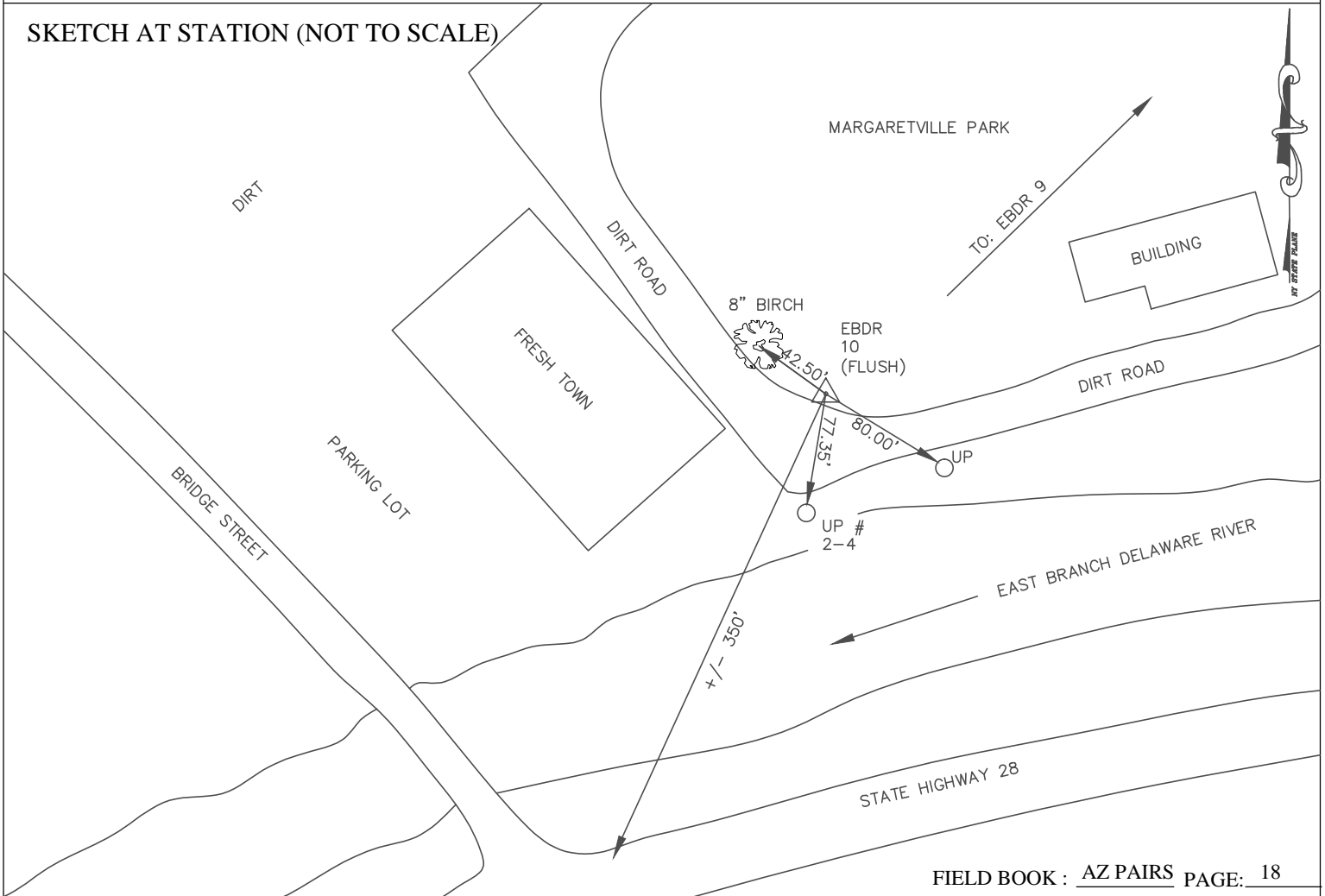
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Margaretville - Delaware County, NY		NAME OF STATION EBDR 10		MONUMENT TYPE Bar & Cap	
NORTH : 1207595.6798 EAST : 452520.1139		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 9	550.42'	N 47°44'36" E	
ELEVATION : 1316.07		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999843540	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 10 IS A BAR AND CAP SET IN GRASS ON THE PROPERTIES OF MARGARETVILLE BALL PARK, +/- 350' NORTHEAST FROM THE INTERSECTION OF STATE HIGHWAY 28 AND BRIDGE STREET. THE STATION IS LOCATED 42.50' SOUTHEASTERLY FROM A "PK" NAIL SET IN A 8" BIRCH TREE, 80.00' NORTHWESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE AND 77.35' NORTHERLY FROM A "PK" NAIL SET IN A UTILITY POLE (#2-4).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

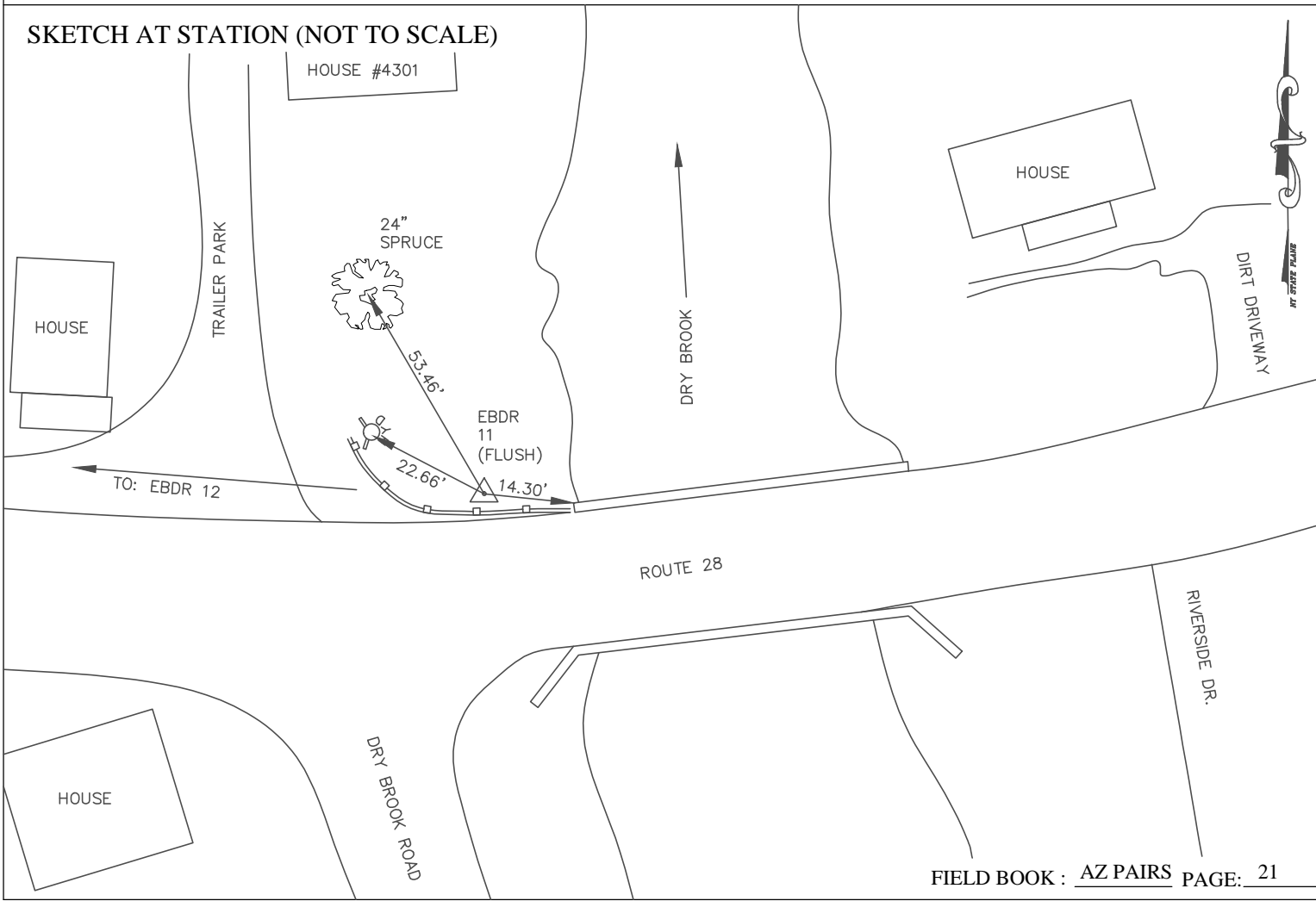
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 11	MONUMENT TYPE Bar & Cap
NORTH : 1207054.9729 EAST : 458626.5223	US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT	GRID DISTANCE (FT)	GRID BEARING
ELEVATION : 1352.92 US FOOT	EBDR 12	712.93'	N 86°15'04" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR: 2012	COMBINED S.F. 0.999841270	-

DETAILED DESCRIPTION AT STATION

EBDR 11 IS A BAR AND CAP SET IN GRASS NEAR THE NORTHWEST CORNER OF A BRIDGE CROSSING OVER DRY BROOK ALONG ROUTE 28 AND AT THE NORTHEAST CORNER OF IS INTERSECTION WITH DRY BROOK ROAD. THE STATION IS LOCATED 53.46' SOUTHEAST FROM A "PK" NAIL SET IN A 24" SPRUCE TREE, 14.30' NORTHWEST FROM AND X-CUT SET ON TOP OF THE NORTHWEST CORNER ABUTMENT WALL AND 22.66' SOUTHEAST FROM AN X-CUT SET ON TOP OF A FIRE HYDRANT BOLT.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

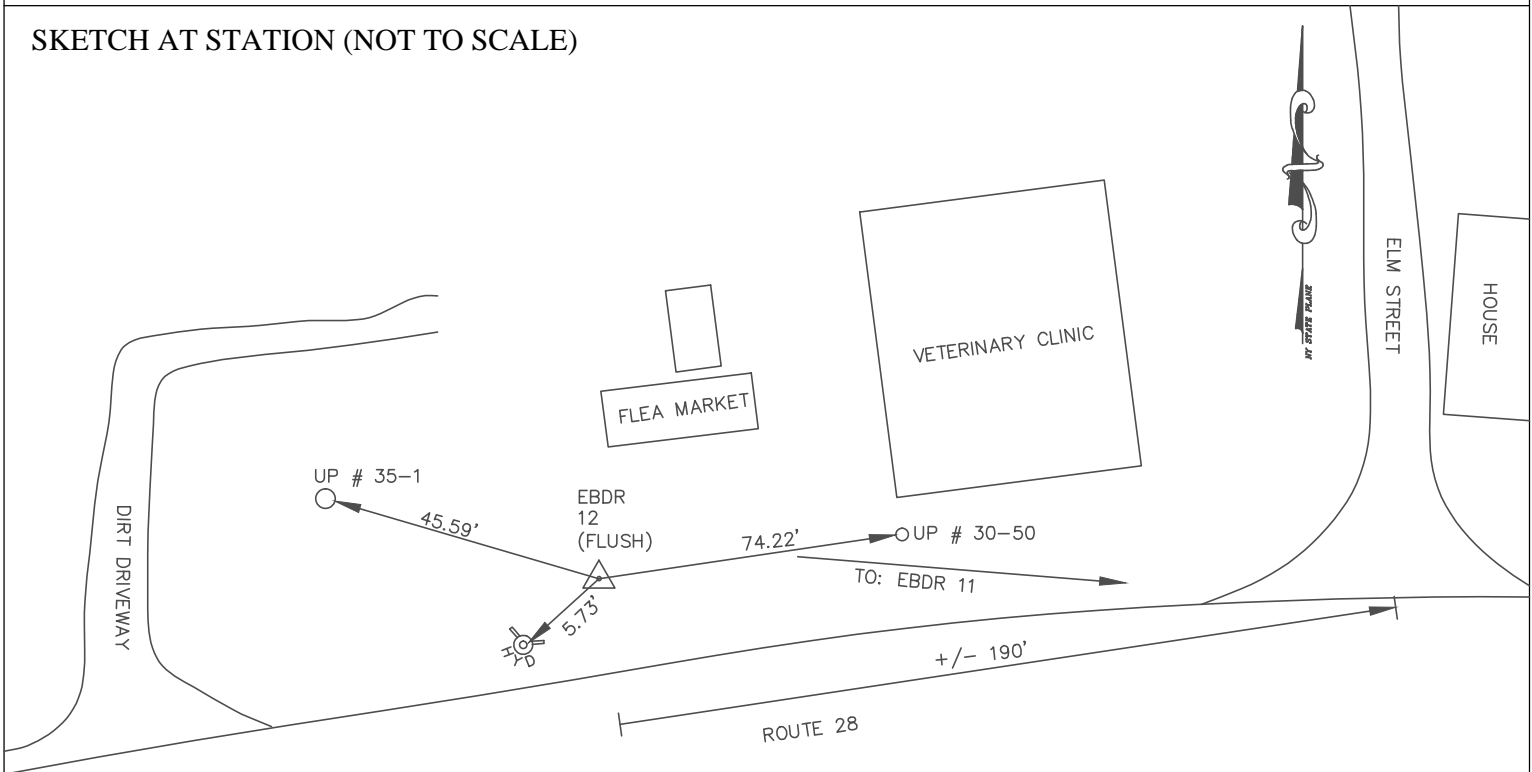
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 12		MONUMENT TYPE Bar & Cap	
NORTH : 1207101.5854 EAST : 457915.1194		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 11	712.93'	S 86°15'04" E	
ELEVATION : 1369.39 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999840540	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 12 IS A BAR AND CAP SET IN GRASS 190'+/- WESTERLY FROM THE INTERSECTION OF ELM STREET AND ROUTE 28. THE STATION IS LOCATED 45.59' SOUTHEASTERLY FROM A "PK" NAIL SET ON A UTILITY POLE (#35-1), 74.22' SOUTHWESTERLY FROM A "PK" NAIL SET IN A UTILITY POLE (#30-50) AND 5.73' NORTHEASTERLY FROM AND X-CUT SET ON TOP OF A FIRE HYDRANT BOLT.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

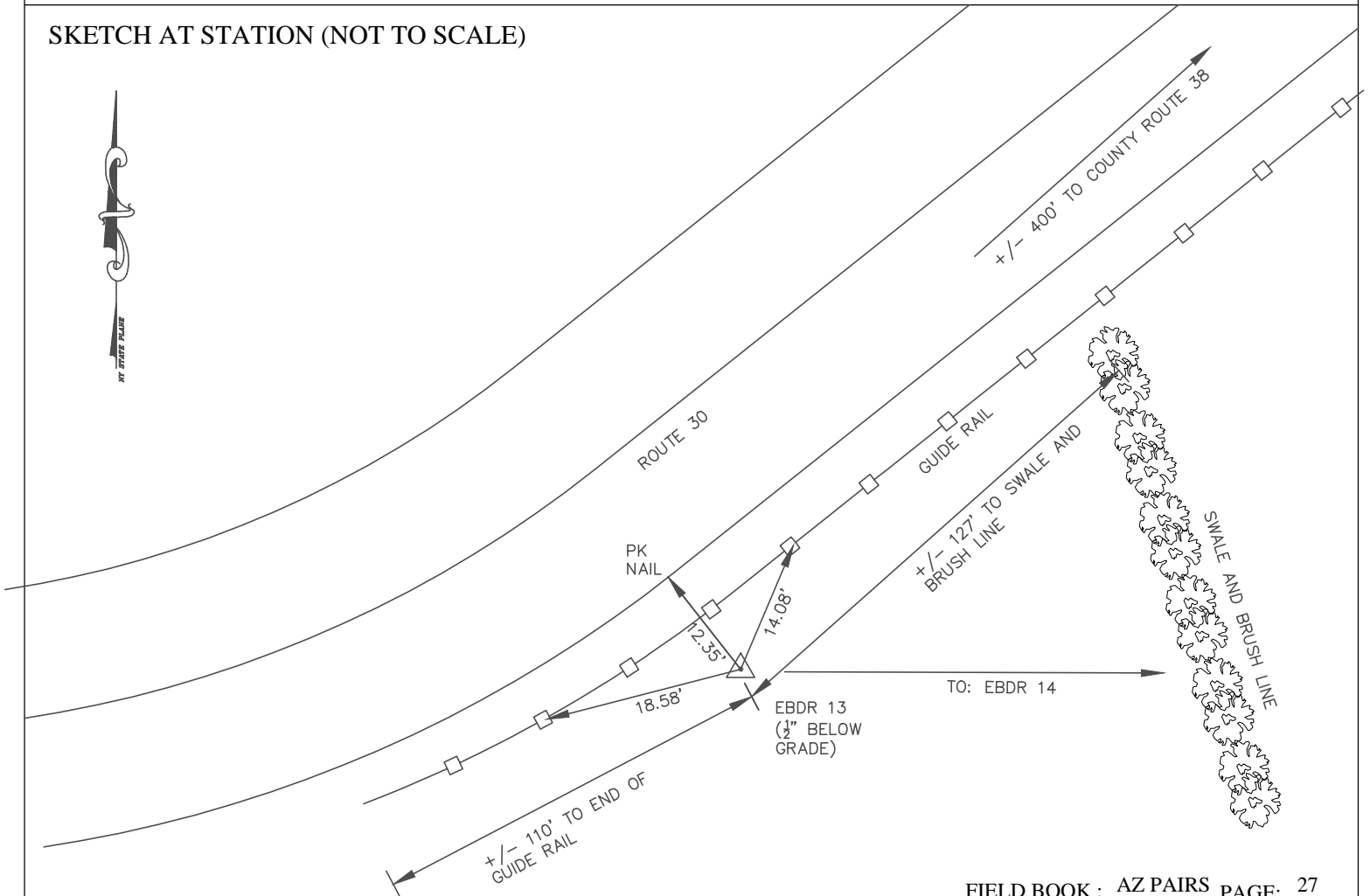
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 13	MONUMENT TYPE Bar & Cap
NORTH : 1212380.7993 EAST : 458981.3935	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT EBDR 14	GRID DISTANCE (FT) 510.88' GRID BEARING N 89°48'36" E
ELEVATION : 1345.06	US FOOT	-	COMBINED S.F. -
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2013	-	0.999841620 -
		-	-

DETAILED DESCRIPTION AT STATION

EBDR 13 IS A BAR AND CAP SET IN A CONCRETE SLEEVE LOCATED ALONG ROUTE 30, +/-400' FROM ITS INTERSECTION WITH COUNTY ROUTE 38. THE STATION IS LOCATED 14.08' SOUTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 12.35' SOUTHEAST FROM A "PK" NAIL SET ON THE WHITE HIGHWAY LINE FOR ROUTE 30 AND 18.58' EASTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : AHS
 ORDER OF SURVEY : 2cm

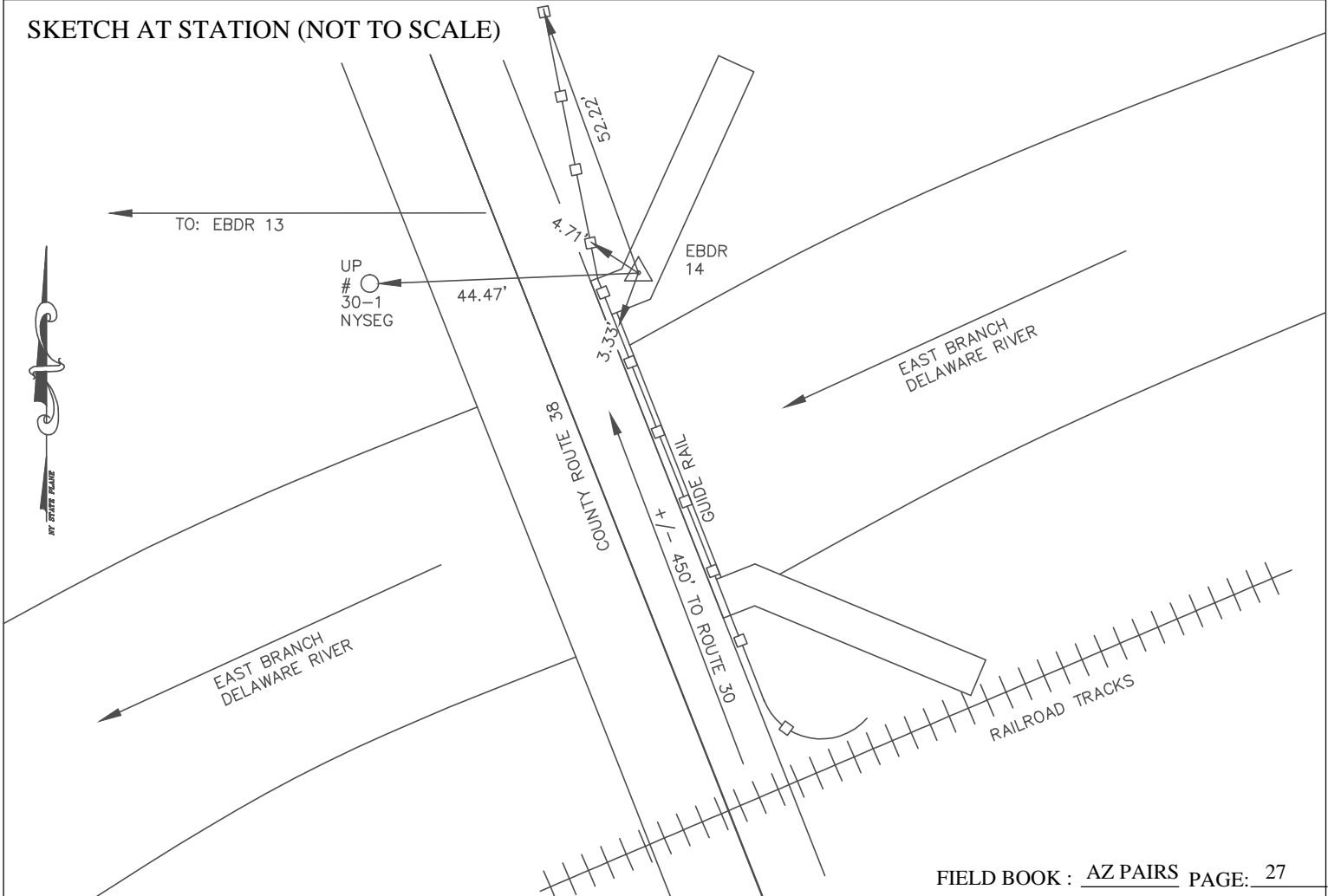
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 14		MONUMENT TYPE DISK	
NORTH : 1212382.4941 EAST : 459492.2688		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 13	510.88'	S 89°48'36" W	
ELEVATION : 1343.82 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR	0.99984164	-	
		2013	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 14 IS A DISK SET ON THE NORTHEAST CORNER OF A BRIDGE ABUTMENT CROSSING OVER THE EAST DELAWARE RIVER ALONG COUNTY ROUTE 38, +/- 450' SOUTHEAST FROM ITS INTERSECTION WITH ROUTE 30. THE STATION IS LOCATED 52.22' SOUTHERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 4.71' SOUTHEASTERLY FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST, 3.33' NORTHEAST FROM AN X-CUT SET ON TOP OF A BOLT ON GUIDE RAIL AND 44.47' EASTERLY FROM A PK NAIL SET IN A UTILITY POLE # 30-1 NYSEG.

SKETCH AT STATION (NOT TO SCALE)



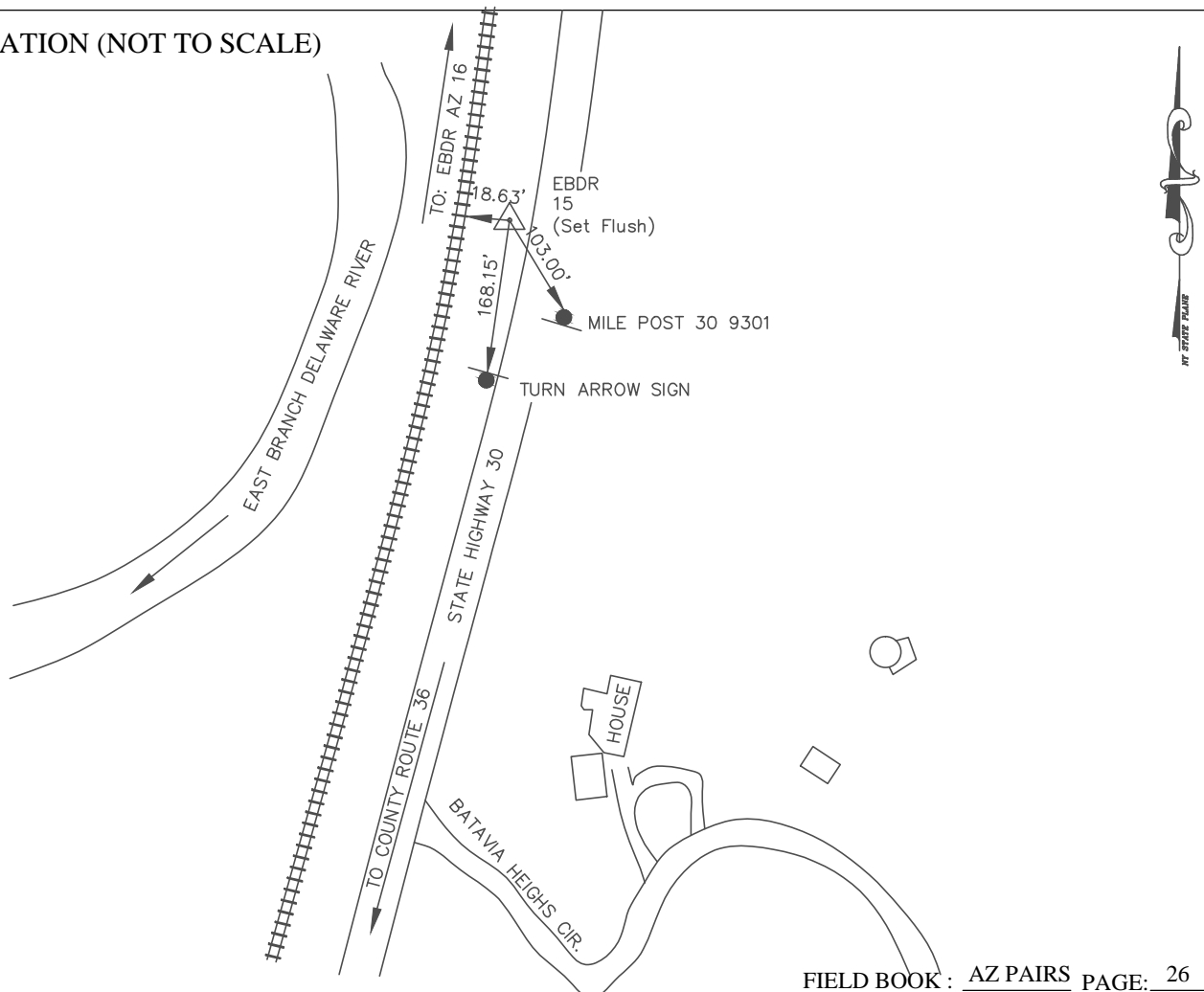
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 15		MONUMENT TYPE Bar & Cap	
NORTH : 1220940.2386 EAST : 465406.3769		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 16	913.10'	N 01°41'30" E	
ELEVATION : 1383.30 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2012		-	
		-	0.999839350	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 15 IS A BAR AND CAP SET 1" ABOVE GROUND IN GRASS LOCATED 1100'+/- NORTH FROM INTERSECTION OF COUNTY ROAD 36 AND ROUTE 30. THE STATION IS LOCATED 18.63' NORTHEAST FROM "PK" NAIL SET IN THE EDGE OF A RAIL ROAD TIE, 168.15' NORTH FROM A SIGN POST (TURN ARROW) AND 103.00' NORTHWEST FROM A MILE POST MARKER (MP 30 9301 1454).

SKETCH AT STATION (NOT TO SCALE)



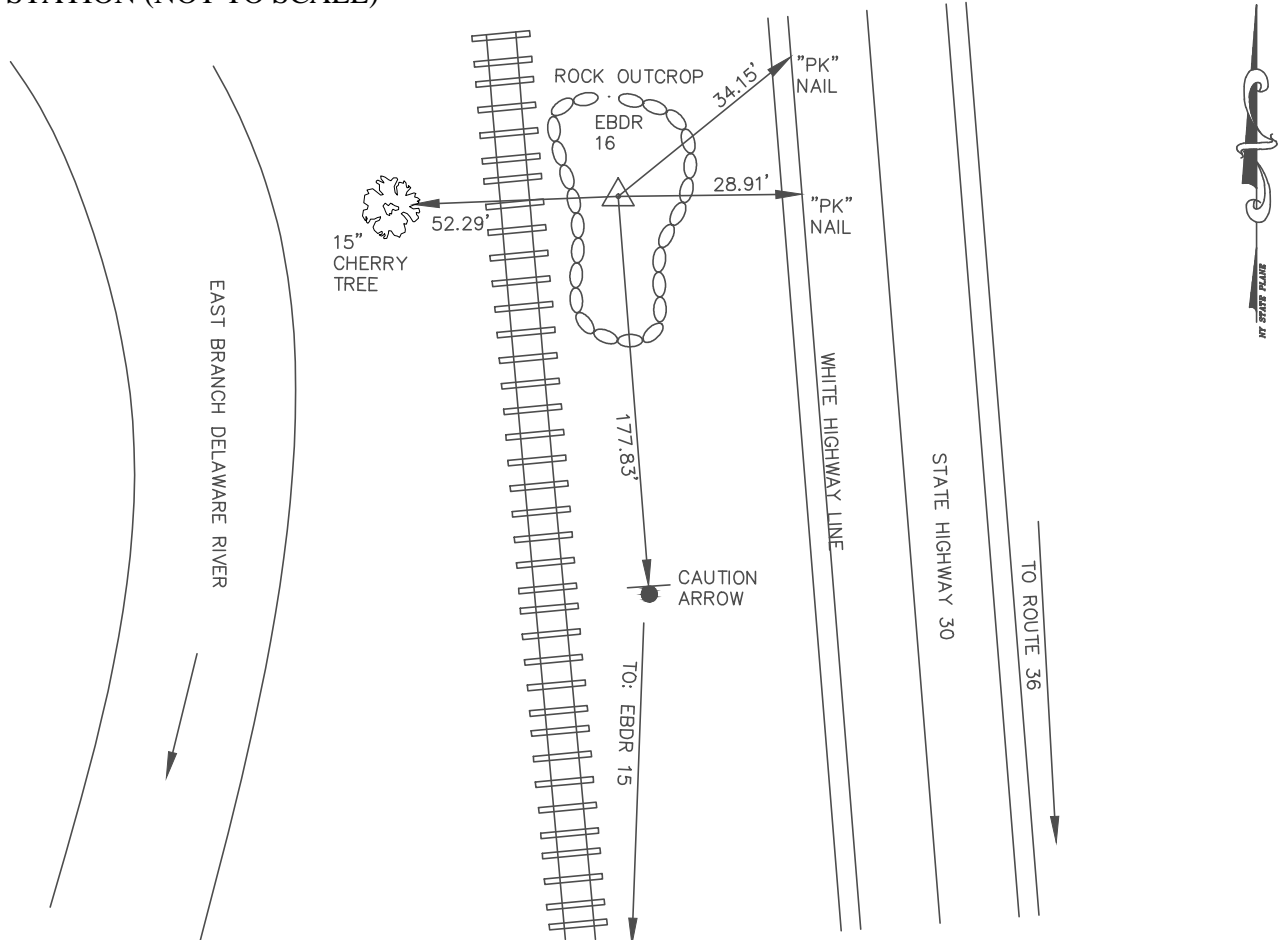
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 16	MONUMENT TYPE DISK
NORTH : 1221852.9444 EAST : 465433.3303	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT EBDR 15	GRID DISTANCE (FT) 913.10' GRID BEARING S 01°41'30" W
ELEVATION : 1387.04	US FOOT	-	COMBINED S.F. -
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2013	-	0.999839170 -
		-	-

DETAILED DESCRIPTION AT STATION

EBDR 16 IS A DISK SET ON A ROCK OUTCROP ALONG STATE ROUTE 30, +/- 2000' NORTHERLY FROM ITS INTERSECTION WITH ROUTE 36. THE STATION IS LOCATED 34.15' SOUTHWEST FROM A PK NAIL SET ON THE WHITE HIGHWAY LINE, 28.91' WESTERLY FROM A PK NAIL SET ON THE WHITE HIGHWAY LINE, 177.83' NORTH FROM A CAUTION ARROW SIGN AND 52.29' EASTERLY FROM A 15' CHERRY TREE.

SKETCH AT STATION (NOT TO SCALE)



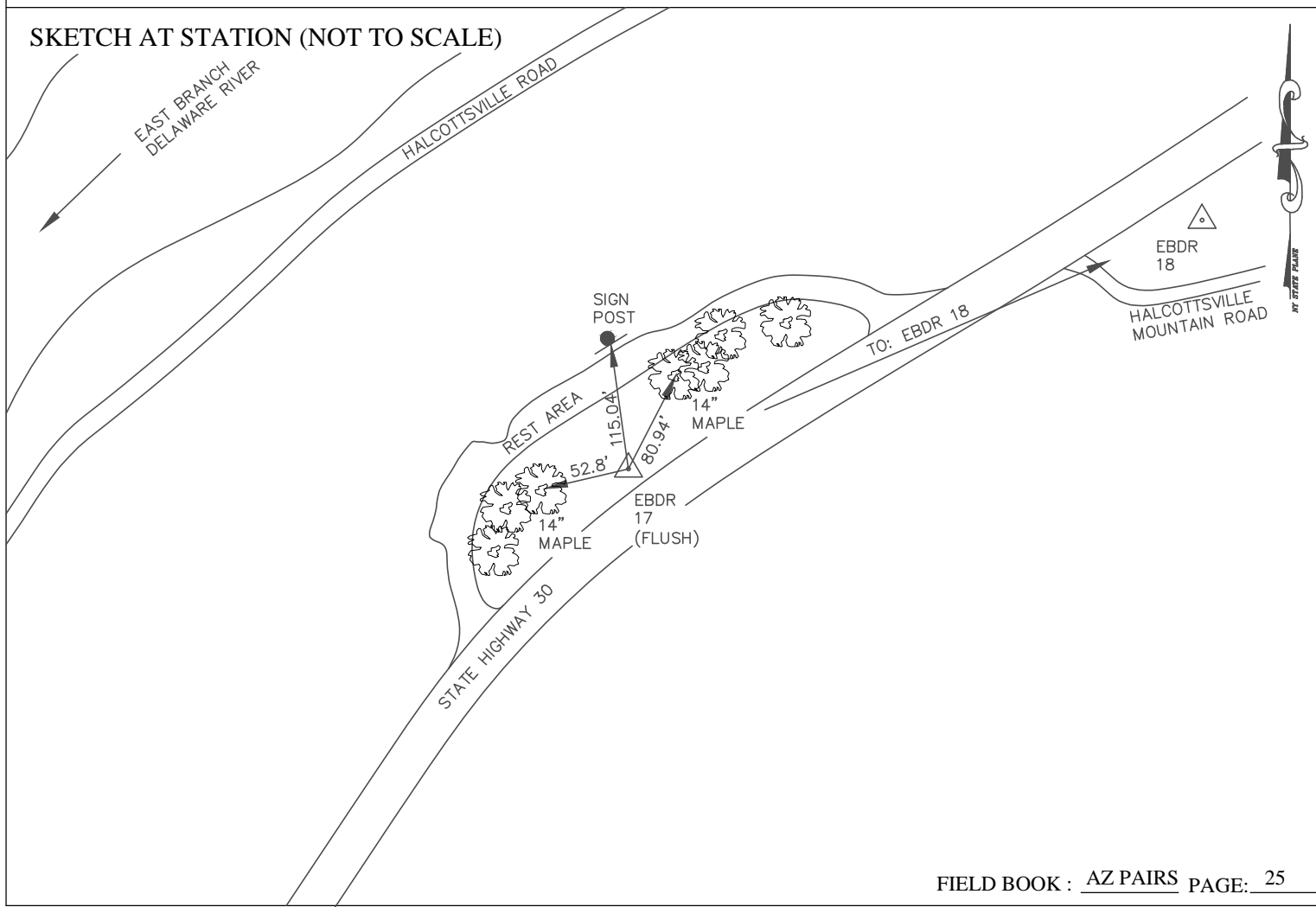
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 17	MONUMENT TYPE Bar & Cap
NORTH : 1229705.2735 EAST : 465543.7311	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT) GRID BEARING
ELEVATION : 1507.19 US FOOT		EBDR 18	651.36' N 69°54'02" E
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	COMBINED S.F. -
		-	0.999833430 -
		-	- -

DETAILED DESCRIPTION AT STATION

EBDR 17 IS A BAR AND CAP SET IN GRASS AT A REST AREA SOUTHWESTERLY OF THE INTERSECTION OF ROUTE 30 AND HALCOTTSVILLE-MOUNTAIN ROAD. THE STATION IS LOCATED 52.80' NORTHEAST FROM A "PK" NAIL SET IN A 14" MAPLE TREE, 115.04' SOUTHEAST FROM A SIGN POST (DUMPING HOUSEHOLD GARBAGE PROHIBITED) AND +/- 113' SOUTHWESTERLY OF A "PK" NAIL SET IN A 14" MAPLE TREE.

SKETCH AT STATION (NOT TO SCALE)



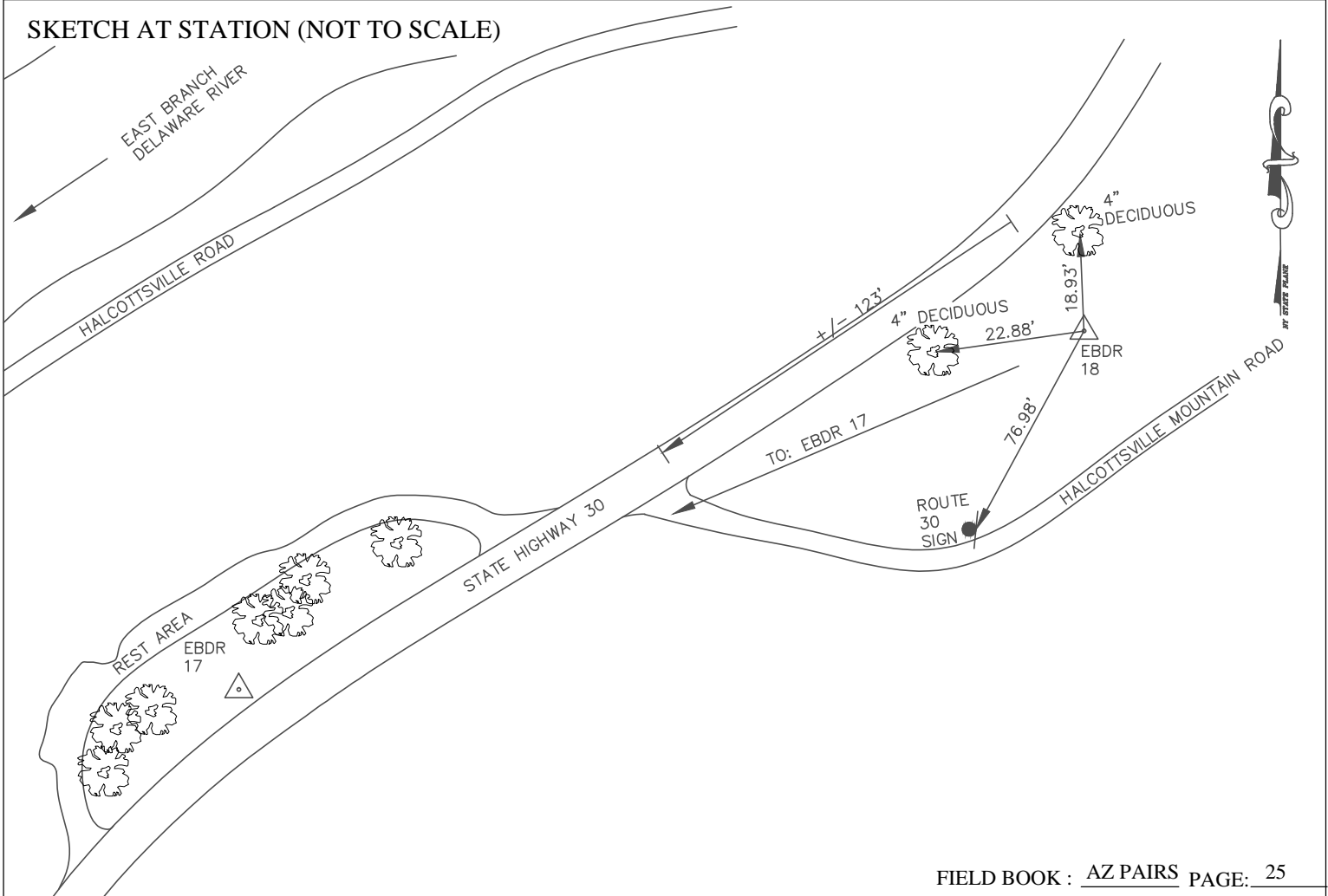
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 18		MONUMENT TYPE Disk	
NORTH : 1229929.1135 EAST : 466155.4220		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 17	651.36'	S 69°54'02" W	
ELEVATION : 1522.43 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999832660	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 18 IS A DISK SET IN BED ROCK +/-123' NORTHEASTERLY FROM THE INTERSECTION OF ROUTE 30 AND HALCOTTVILLE-MOUNTAIN ROAD. THE STATION IS LOCATED 18.93' SOUTH FROM A "PK" NAIL SET IN A 6" DECIDUOUS TREE, 76.98' NORTHEAST FROM A SIGN POST (ROUTE 30) AND 22.88' EASTERLY FROM A "PK" NAIL SET IN A 4" DECIDUOUS TREE.

SKETCH AT STATION (NOT TO SCALE)



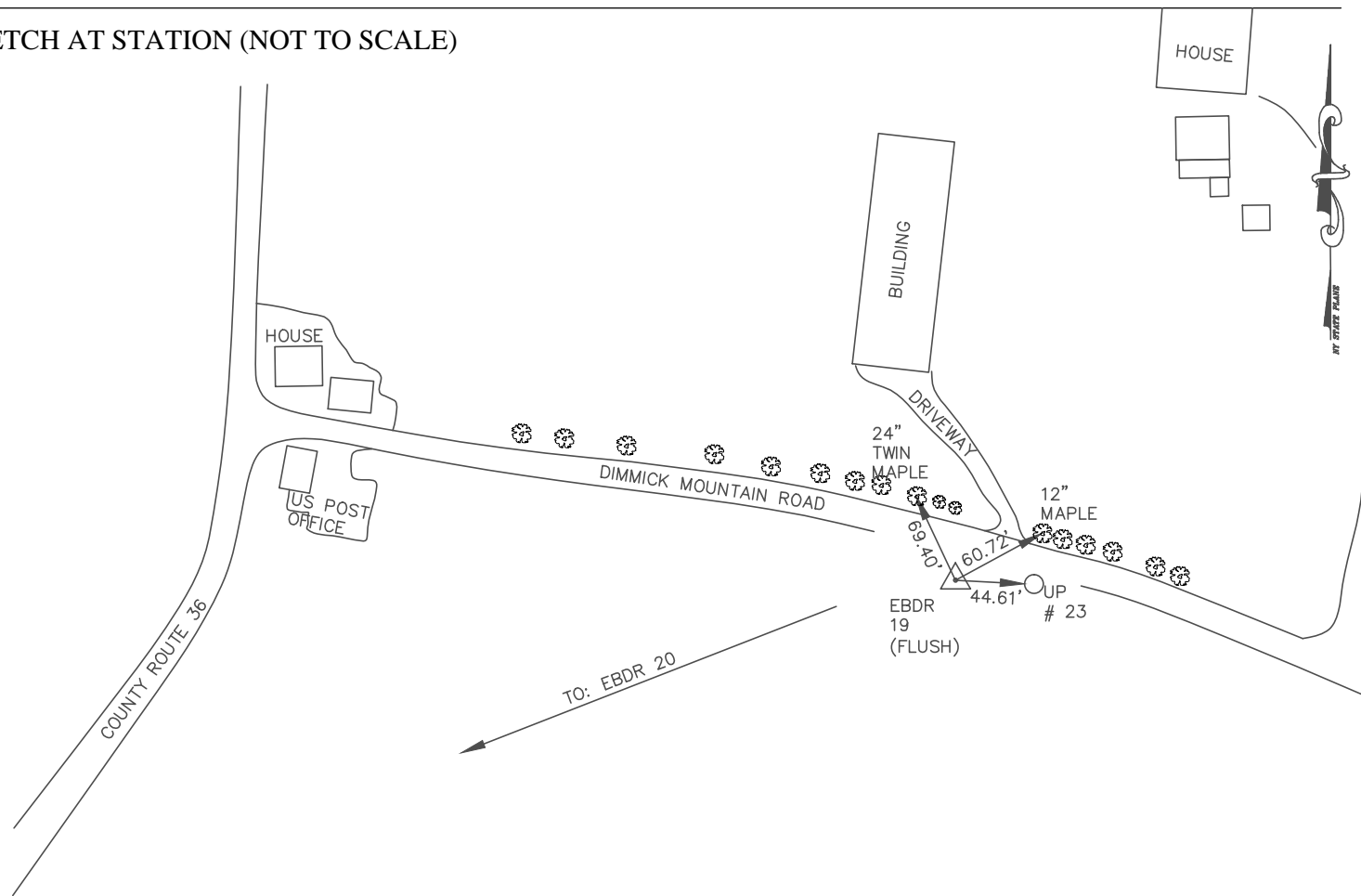
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY	NAME OF STATION EBDR 19	MONUMENT TYPE Bar & Cap	
NORTH : 1230736.9241 EAST : 474017.5670	US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT	GRID DISTANCE (FT)	GRID BEARING
ELEVATION : 1685.84 US FOOT	EBDR 20	792.67'	S 82°36'31" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	COMBINED S.F. 0.999824460	-

DETAILED DESCRIPTION AT STATION

EBDR 19 IS A BAR AND CAP SET IN GRASS 700'+/- EAST FROM THE INTERSECTION OF COUNTY ROAD 36 AND DIMMICK-MOUNTAIN ROAD. THE STATION IS LOCATED 69.40' SOUTHEAST FROM A "PK" NAIL SET IN A 24" TWIN MAPLE TREE, 60.72' SOUTHWEST FROM A "PK" NAIL SET IN A 12" MAPLE TREE AND 44.61' WEST FROM A "PK" NAIL SET IN A UTILITY POLE (#23).

SKETCH AT STATION (NOT TO SCALE)



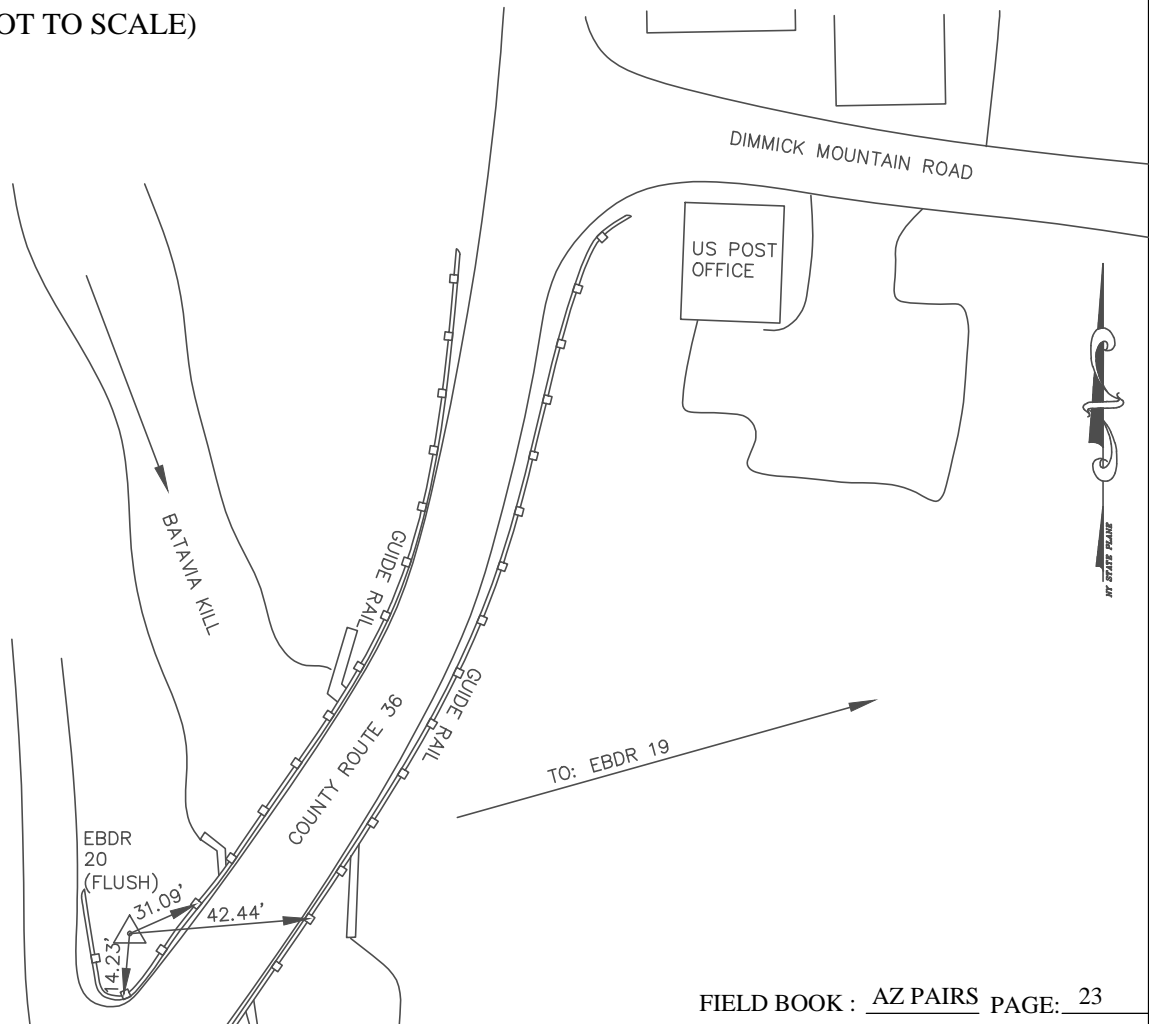
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 20		MONUMENT TYPE Bar & Cap	
NORTH : 1230634.9484 EAST : 473231.4839		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 19	792.67'	N 82°36'31" E	
ELEVATION : 1626.17 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999827340	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 20 IS A BAR AND CAP SET IN GRASS 300'+/- SOUTH FROM THE INTERSECTION OF COUNTY ROAD 36 AND DIMMICK-MOUNTAIN ROAD. THE STATION IS LOCATED 31.09' SOUTHWEST FROM AN X-CUT SET ON TOP OF AN I-BEAM, 42.44' WEST FROM AN X-CUT SET ON TOP OF AN I-BEAM AND 14.23' NORTH FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



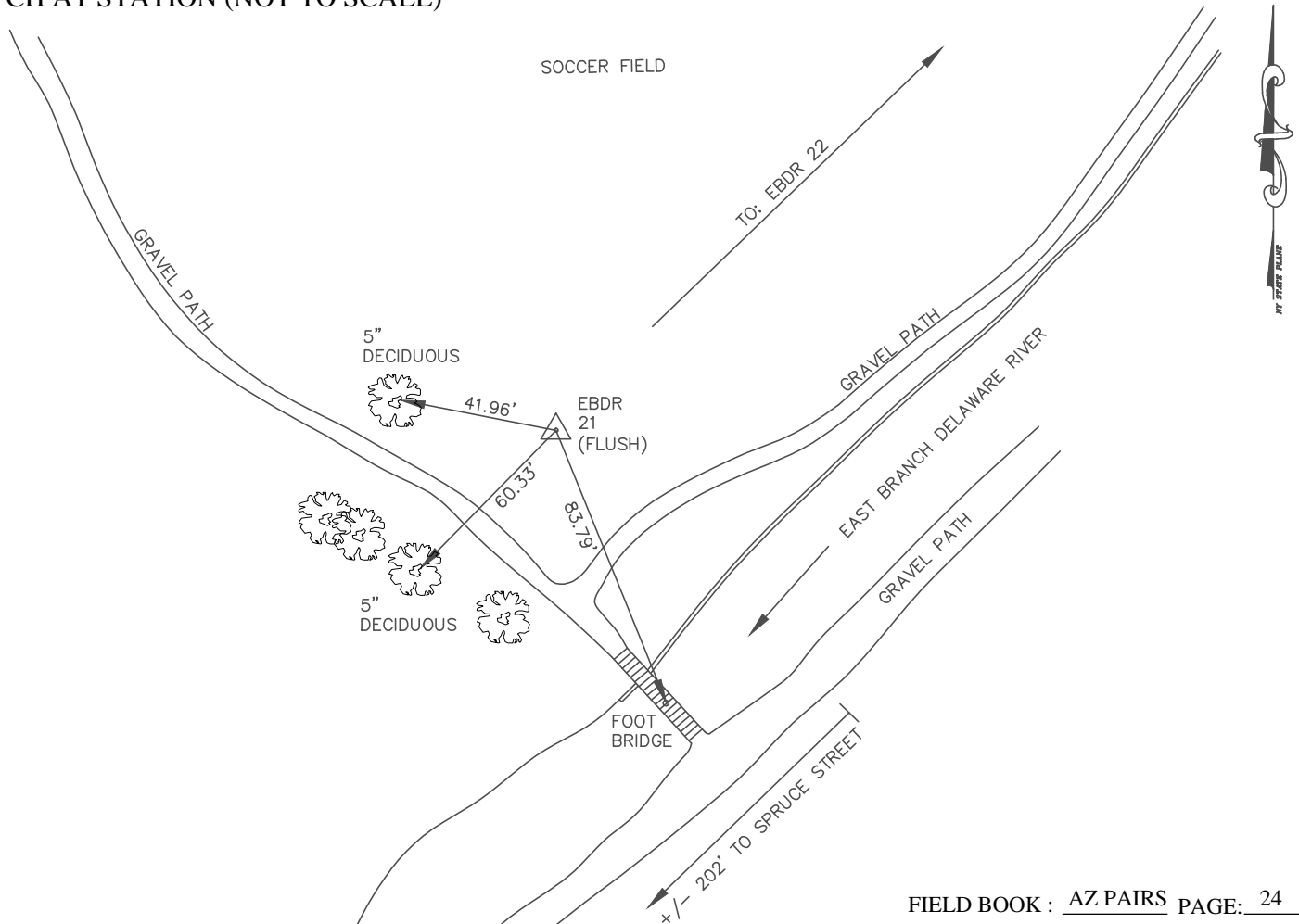
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Roxbury - Delaware County, NY		NAME OF STATION EBDR 21		MONUMENT TYPE Bar & Cap	
NORTH : 1258776.1227 EAST : 474612.4628		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 22	691.59'	N 25°02'53" E	
ELEVATION : 1474.34		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999834550	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 21 IS A BAR AND CAP SET IN GRASS AT KIRKSID PARK. THE STATION IS LOCATED 41.96' SOUTHEAST FROM A "PK" NAIL SET IN A 5" DECIDUOUS TREE, 60.33' NORTHEAST FROM A "PK" NAIL SET IN A 5" DECIDUOUS TREE AND 83.79' NORTHWEST FROM A "PK" NAIL SET AT THE CENTER LINE OF A FOOT BRIDGE CROSSING OVER THE EAST BRANCH DELAWARE RIVER.

SKETCH AT STATION (NOT TO SCALE)



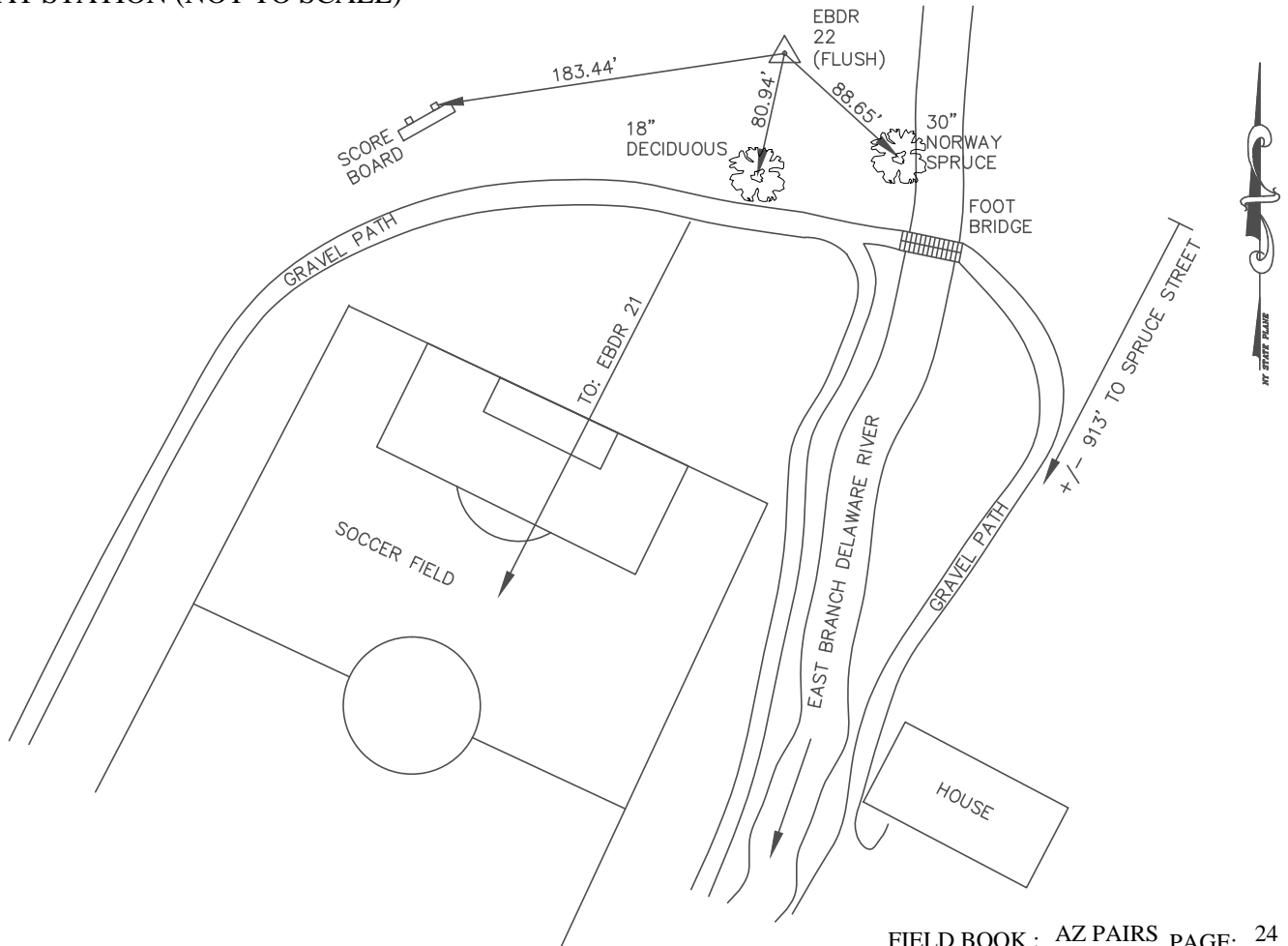
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Roxbury - Delaware County, NY		NAME OF STATION EBDR 22	MONUMENT TYPE Bar & Cap
NORTH : 1259402.6712 EAST : 474905.2688	US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT	GRID DISTANCE (FT)	GRID BEARING
ELEVATION : 1477.00 US FOOT	EBDR 21	691.59'	S 25°02'53" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	COMBINED S.F. 0.999834410	-
		-	-

DETAILED DESCRIPTION AT STATION

EBDR 22 IS A BAR AND CAP SET IN GRASS AT KIRKSID PARK. THE STATION IS LOCATED 88.65' NORTHWEST FROM A "PK" NAIL SET IN A 30" NORWAY SPRUCE TREE, 80.94' NORTHEAST FROM A "PK" NAIL SET IN A 18" DECIDUOUS TREE AND 183.44' NORTHEAST FROM A "PK" NAIL SET IN THE EASTERLY 8"X8" POST OF A SCORE BOARD.

SKETCH AT STATION (NOT TO SCALE)



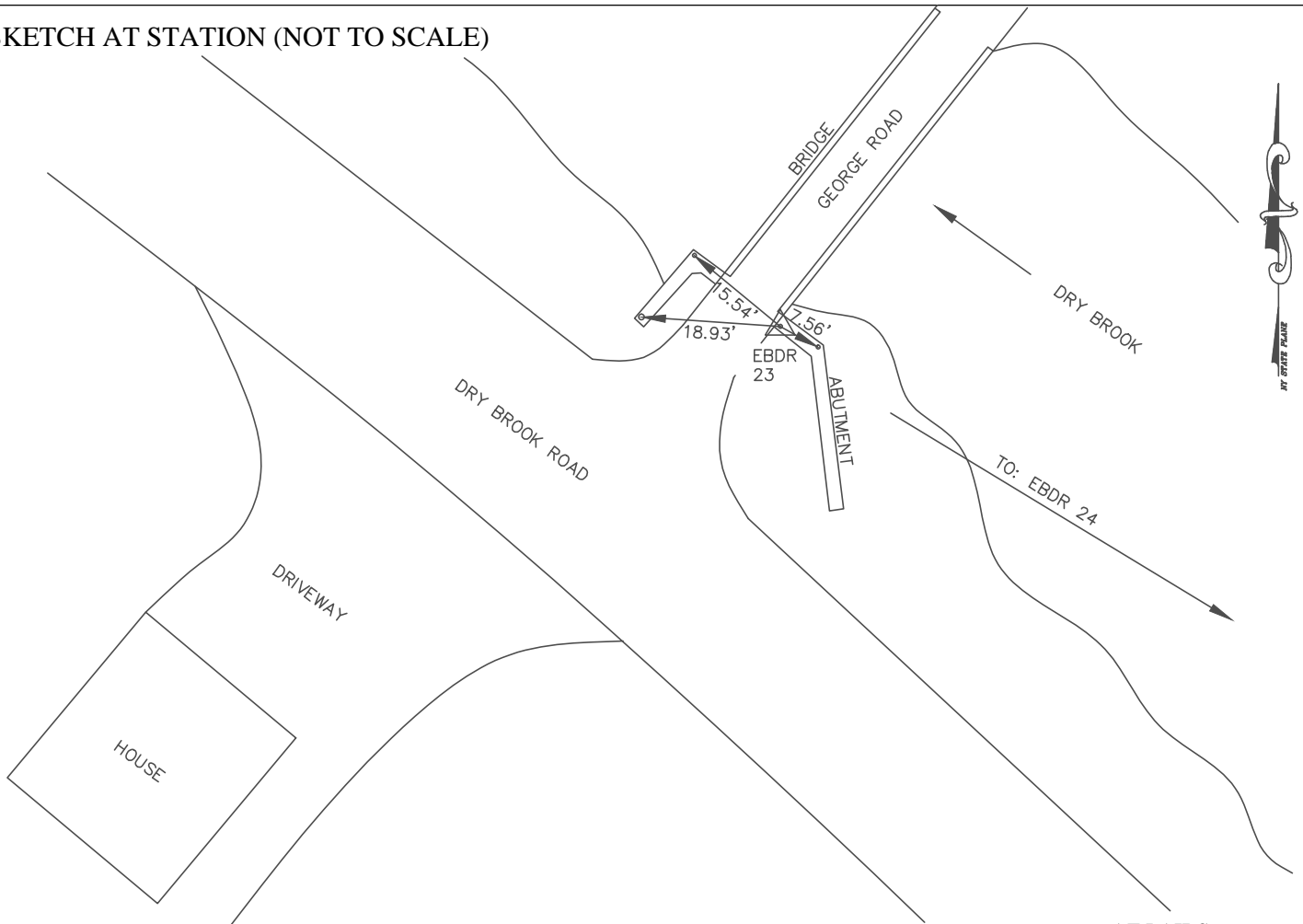
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 23		MONUMENT TYPE Disk
NORTH : 1201277.4969 EAST : 470761.8579	US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)	OBJECT	GRID DISTANCE (FT)	GRID BEARING	
ELEVATION : 1500.54 US FOOT	EBDR 24	786.63'	S 61°31'00" E	
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	COMBINED S.F.	-
		-	0.999833450	-
		-	-	-

DETAILED DESCRIPTION AT STATION

EBDR 23 IS A DISK SET ON A CONCRETE ABUTMENT WALL AT THE INTERSECTION OF GEORGE ROAD AND DRY BROOK ROAD. THE STATION IS LOCATED 15.54' SOUTHEAST FROM A X-CUT SET ON THE ABUTMENT WALL, 7.56' NORTHWEST FROM AN X-CUT SET ON THE ABUTMENT WALL AND 18.93' NORTHEASTERLY FROM AN X-CUT SET ON THE ABUTMENT WALL.

SKETCH AT STATION (NOT TO SCALE)



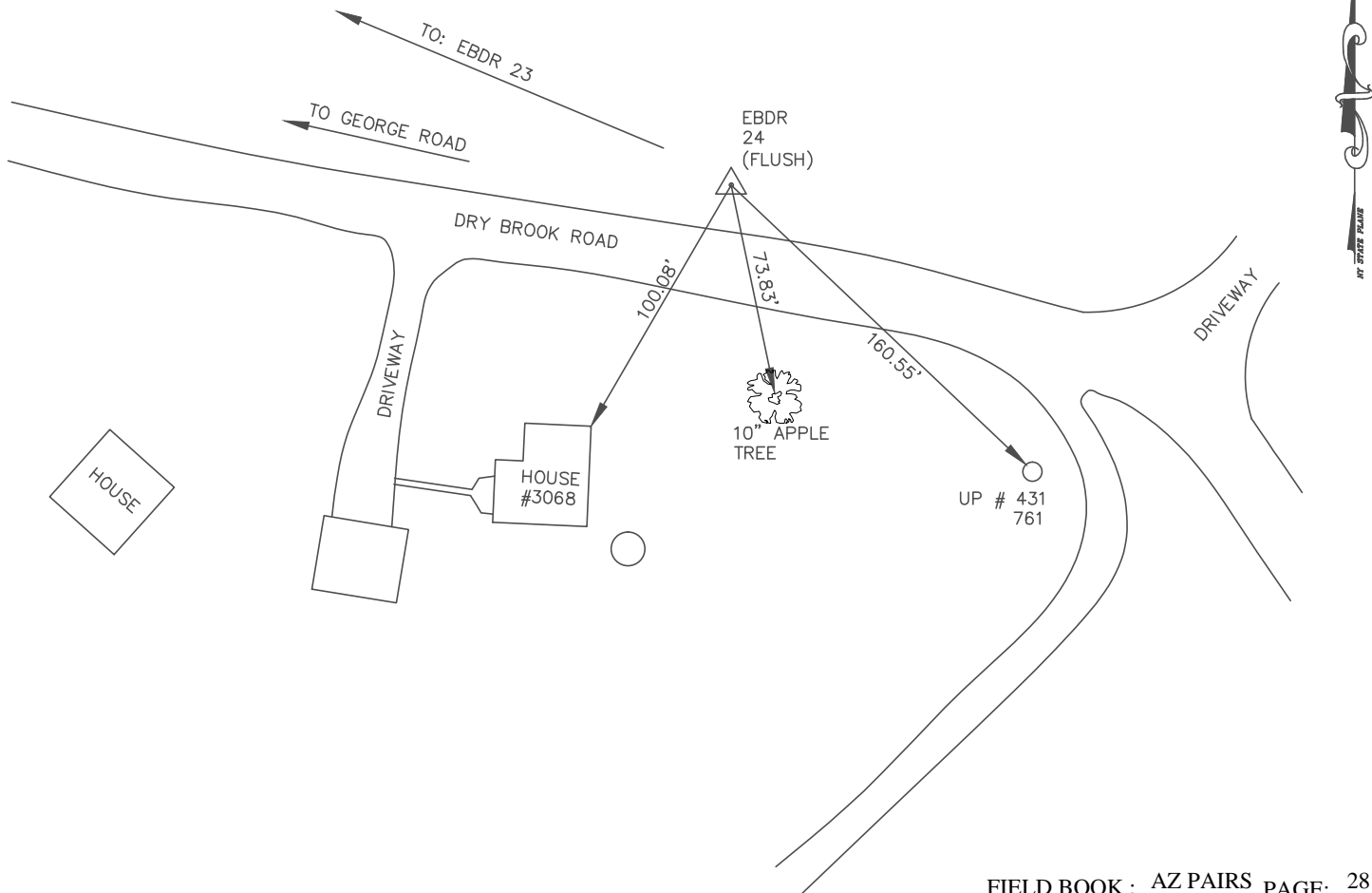
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 24	MONUMENT TYPE Bar & Cap
NORTH : 1200902.3510 EAST : 471453.2731	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT) GRID BEARING
ELEVATION : 1517.35 US FOOT		EBDR 23	786.63' N 61°31'00" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	COMBINED S.F. -
		-	0.999832620 -
		-	- -

DETAILED DESCRIPTION AT STATION

EBDR 24 IS A BAR AND CAP SET IN GRASS 850'+/- SOUTHEASTERLY FROM THE INTERSECTION OF GEORGE ROAD AND DRY BROOK ROAD. THE STATION IS LOCATED 160.55' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 431 761), 73.83' NORTHWEST FROM A "PK" NAIL SET IN A 10" APPLE TREE AND 100.08' NORTHEAST FROM THE NORTHEAST CORNER OF HOUSE # 3068 (FOUNDATION WALL).

SKETCH AT STATION (NOT TO SCALE)



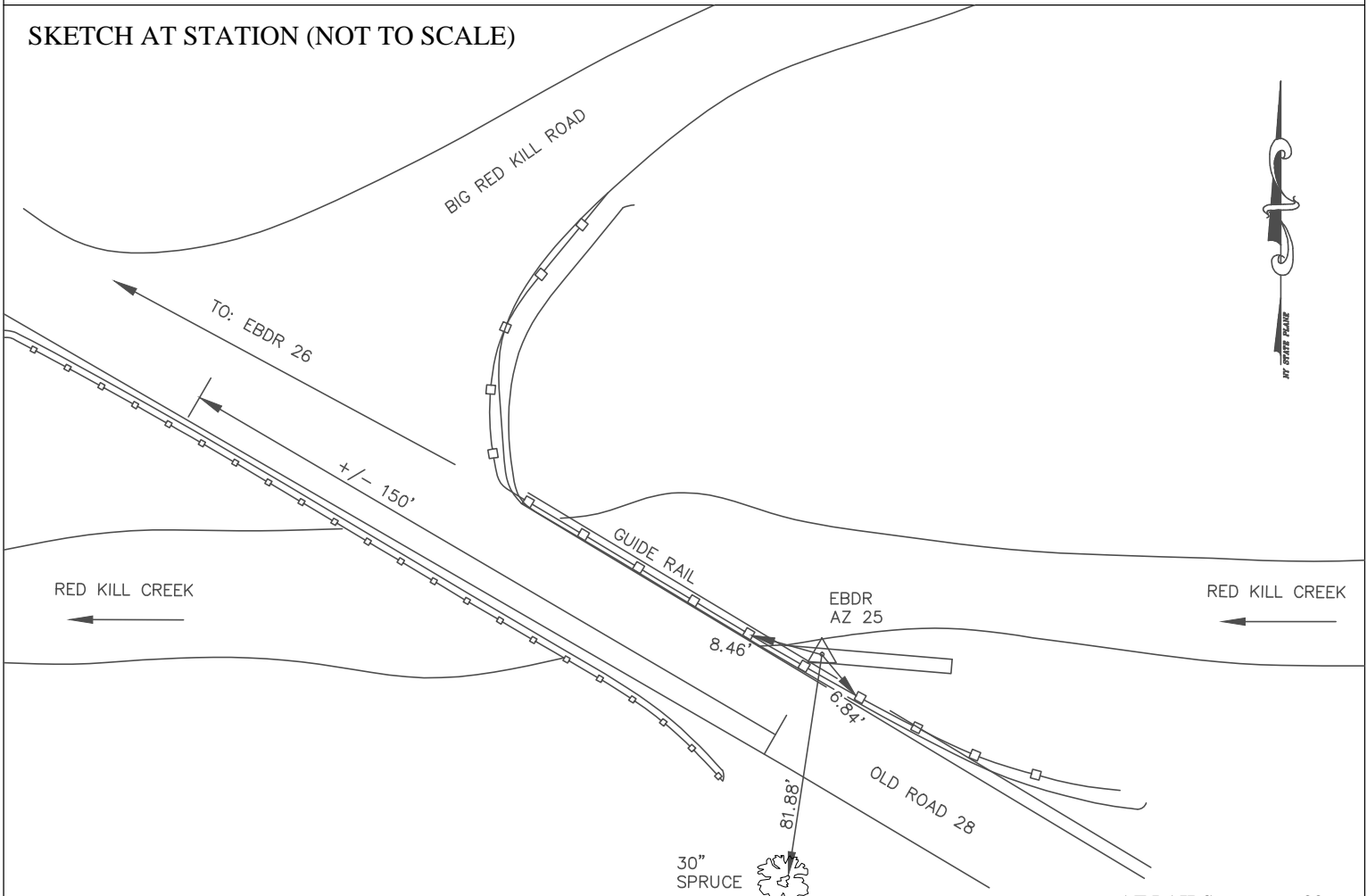
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR AZ 25	MONUMENT TYPE DISK
NORTH : 1211635.0416 EAST : 477077.5760	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT) GRID BEARING
ELEVATION : 1455.93 US FOOT		EBDR 26	462.06' N 67°07'46" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2013	-	COMBINED S.F. -
		-	0.999835330 -
		-	- -

DETAILED DESCRIPTION AT STATION

EBDR AZ 25 IS A DISK SET ON THE NORTHEAST WING WALL OF A BRIDGE CROSSING THE RED KILL CREEK ALONG OLD ROUTE 28, +/- 150' FROM ITS INTERSECTION WITH BIG RED KILL ROAD. THE STATION IS LOCATED 8.46' EASTERLY FROM AND X-CUT SET ON A GUIDE RAIL POST, 6.34' NORTHWEST FROM AND X-CUT SET ON A GUIDE RAIL POST AND 81.88' NORTHEASTERLY FROM A "PK" NAIL SET IN A 30" SPRUCE TREE.

SKETCH AT STATION (NOT TO SCALE)



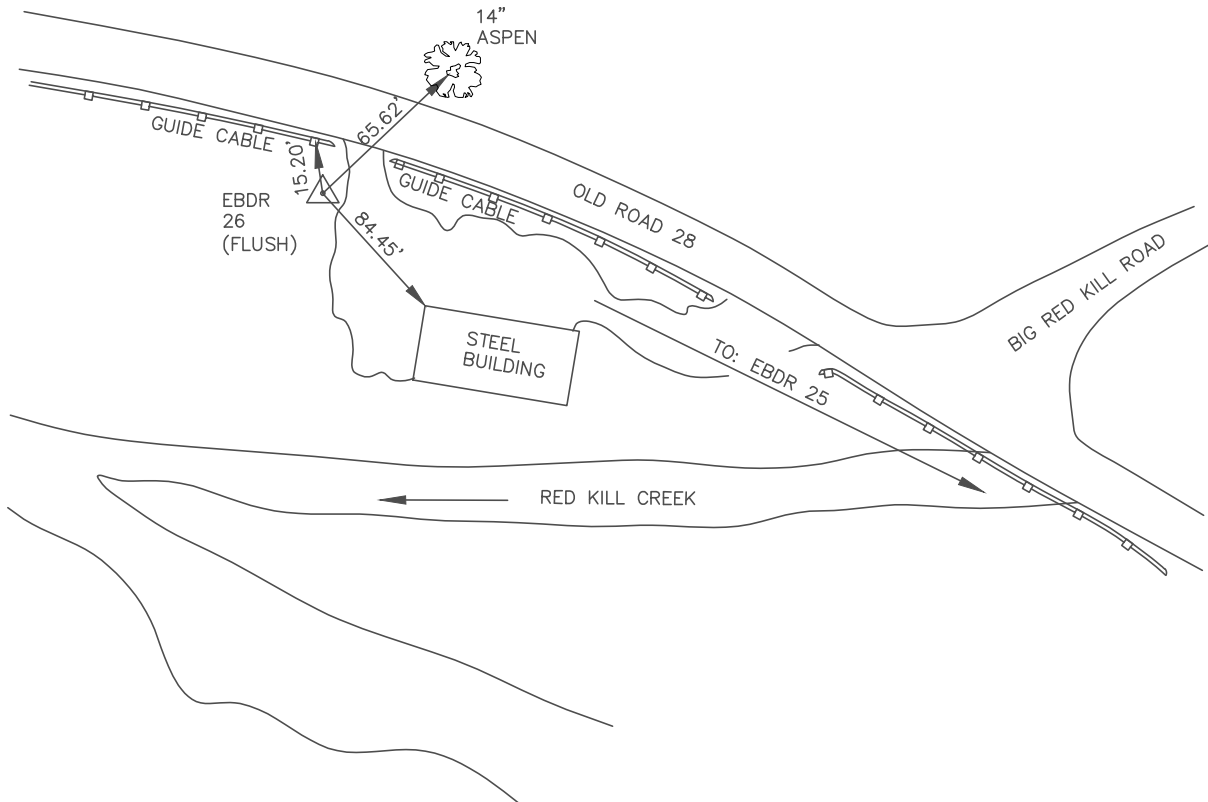
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 26		MONUMENT TYPE Bar & Cap	
NORTH : 1211807.1630 EAST : 476648.7762		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		EBDR 25	462.06'	S 67°07'46" E	
ELEVATION : 1453.16 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999835470	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

EBDR 26 IS A BAR AND CAP SET IN GRASS LOCATED 310'+/- NORTHWESTERLY FROM THE INTERSECTION OF BIG RED KILL ROAD AND OLD ROUTE 28. THE STATION IS LOCATED 15.20' SOUTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE CABLE POST, 65.62' SOUTHWEST FROM A "PK" NAIL SET IN A 14" ASPEN TREE AND 84.45' NORTHWEST FROM THE NORTHWEST CORNER OF A STEEL BUILDING.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

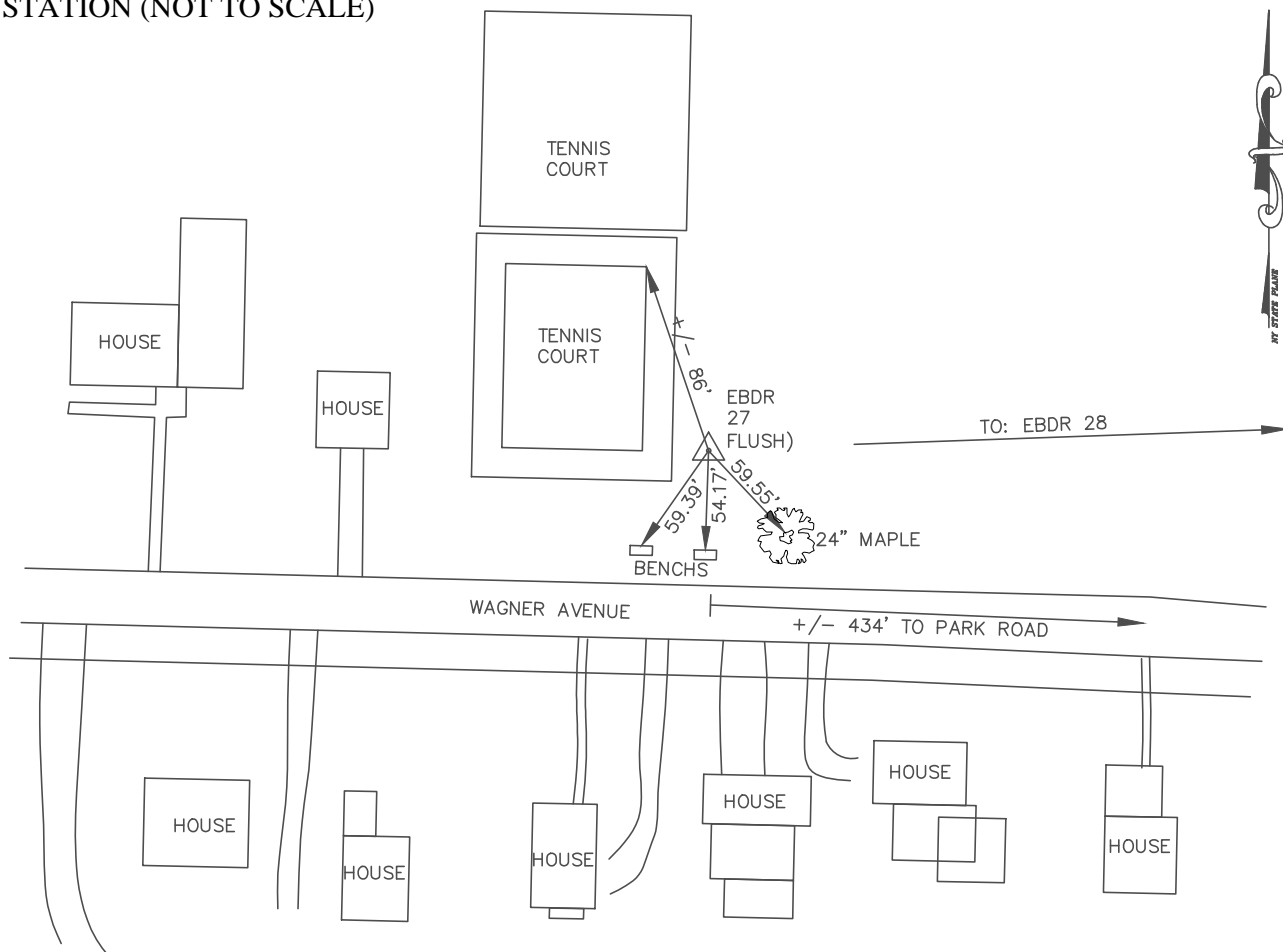
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 27	MONUMENT TYPE Bar & Cap
NORTH : 1210214.3127 EAST : 482490.3145	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT) GRID BEARING
ELEVATION : 1488.63 US FOOT		EBDR 28	537.64' N 88°37'42" E
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	COMBINED S.F. -
		-	0.999833610 -
		-	- -

DETAILED DESCRIPTION AT STATION

EBDR 27 IS A BAR AND CAP SET IN GRASS ALONG WANNER AVENUE +/- 434' FROM ITS INTERSECTION WITH PARK ROAD AT FLEISCHMANN'S PARK NEAR THE SOUTHEAST CORNER OF TENNIS COURTS. THE STATION IS LOCATED 59.55' NORTHWEST FROM A "PK" NAIL SET ON A 24" MAPLE TREE, 54.17' NORTH FROM A "PK" NAIL SET AT THE FACE OF A PARK BENCH, 59.39' NORTHEAST FROM A "PK" NAIL SET AT THE FACE OF A PARK BENCH AND +/- 86' SOUTHEAST FROM THE NORTHEAST CORNER OF THE EASTERLY TENNIS COURT PAINTED LINE.

SKETCH AT STATION (NOT TO SCALE)



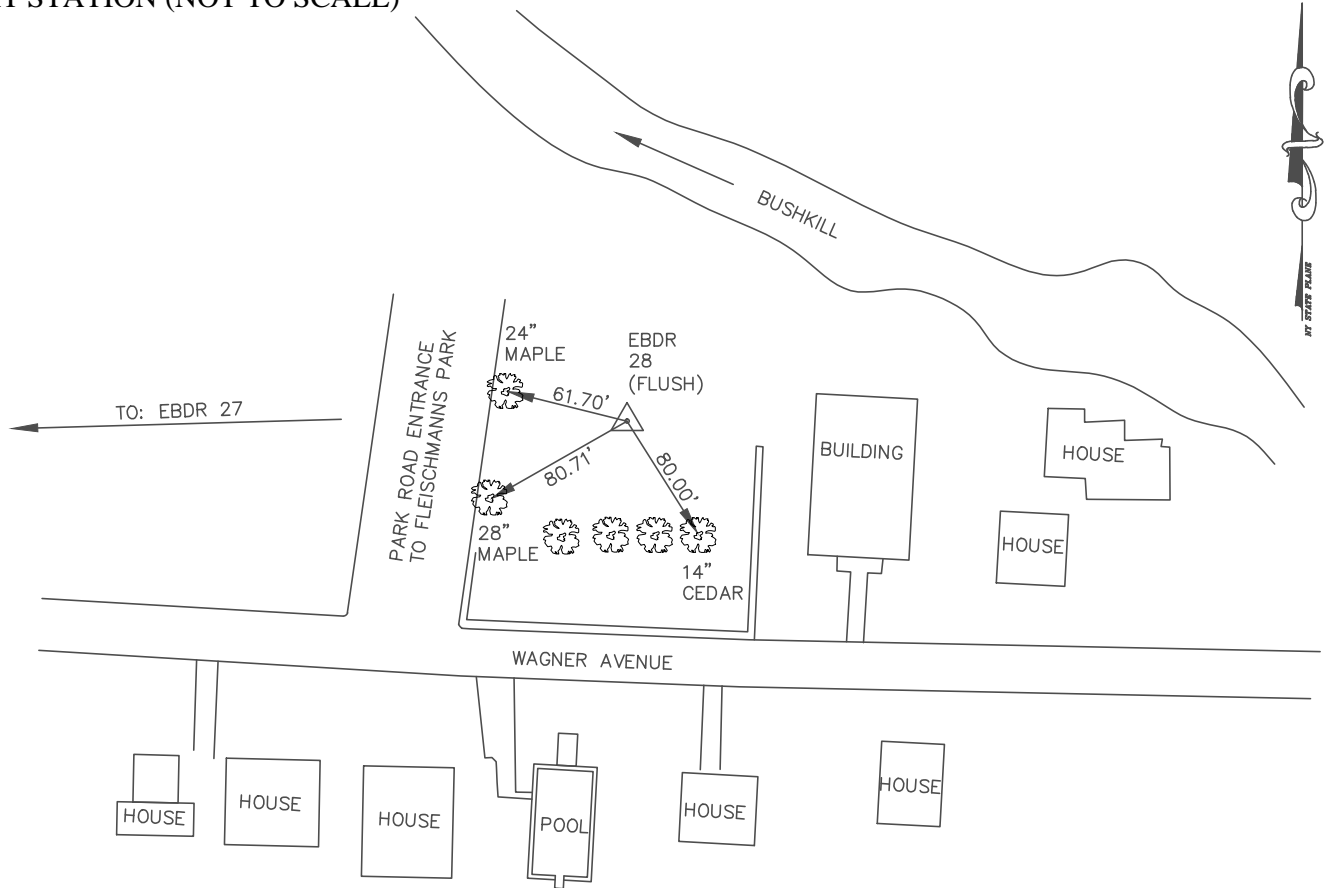
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY/TOWN OR County, Middletown - Delaware County, NY		NAME OF STATION EBDR 28	MONUMENT TYPE Bar & Cap
NORTH : 1210227.1825 EAST : 483027.8000	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT	GRID DISTANCE (FT) GRID BEARING
ELEVATION : 1496.06 US FOOT		EBDR 27	537.64' S 88°37'42" W
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2012	-	COMBINED S.F. -
		-	0.999833250 -
		-	- -

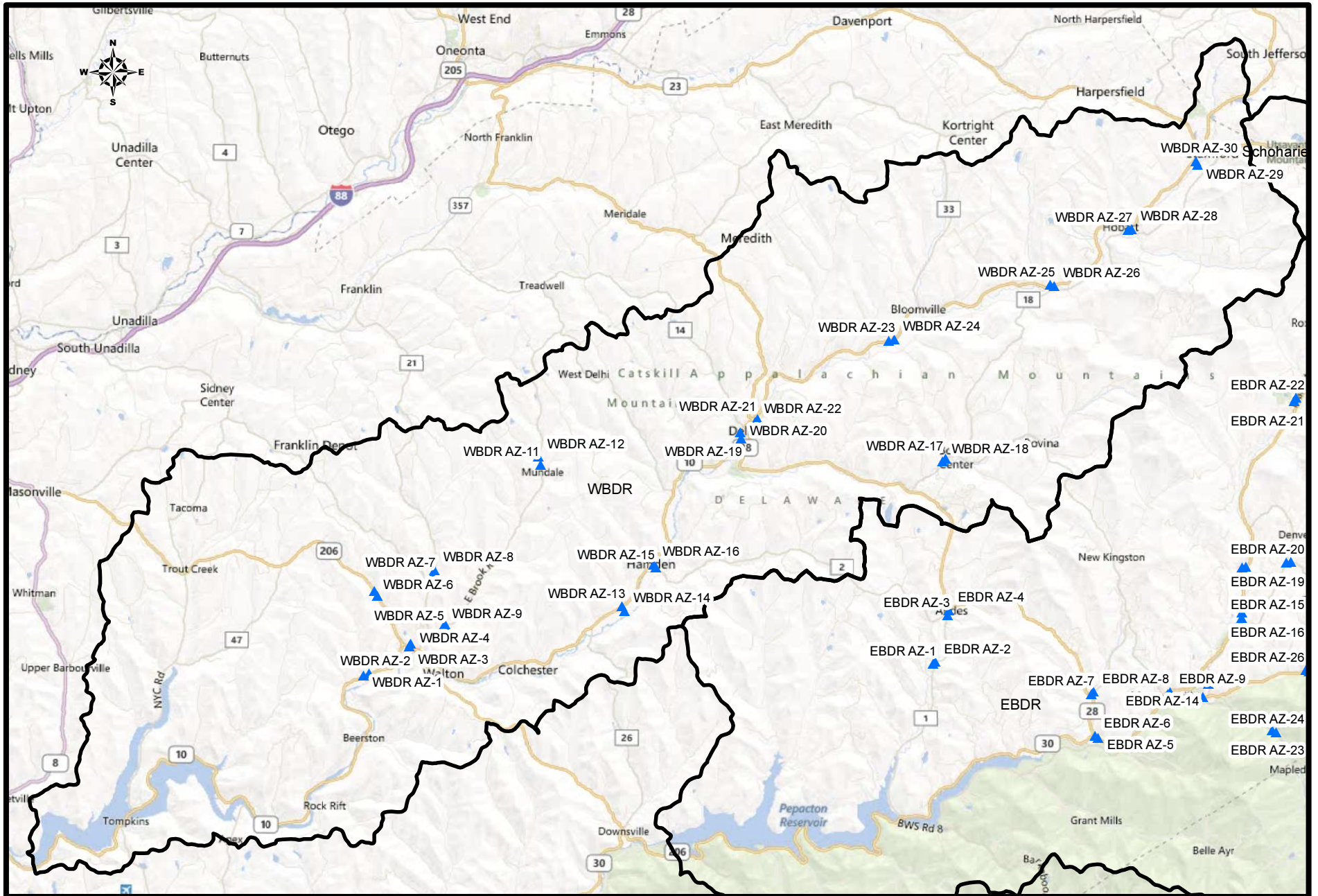
DETAILED DESCRIPTION AT STATION

EBDR 28 IS A BAR AND CAP SET IN GRASS AT THE INTERSECTION OF PARK ROAD AND WAGNER AVENUE NEAR FLEISCHMANN'S PARK ON AN EMPTY LOT OWNED BY NYCDEP. THE STATION IS LOCATED 80.00' NORTHWEST FROM A "PK" NAIL SET IN A 14" CEDAR TREE, 80.71' NORTHEAST FROM A "PK" NAIL SET IN A 28" MAPLE TREE AND 61.70' EASTERLY FROM A "PK" NAIL SET IN A 24" MAPLE TREE.

SKETCH AT STATION (NOT TO SCALE)



Azimuth Pair Locations - WBDR Watershed



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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

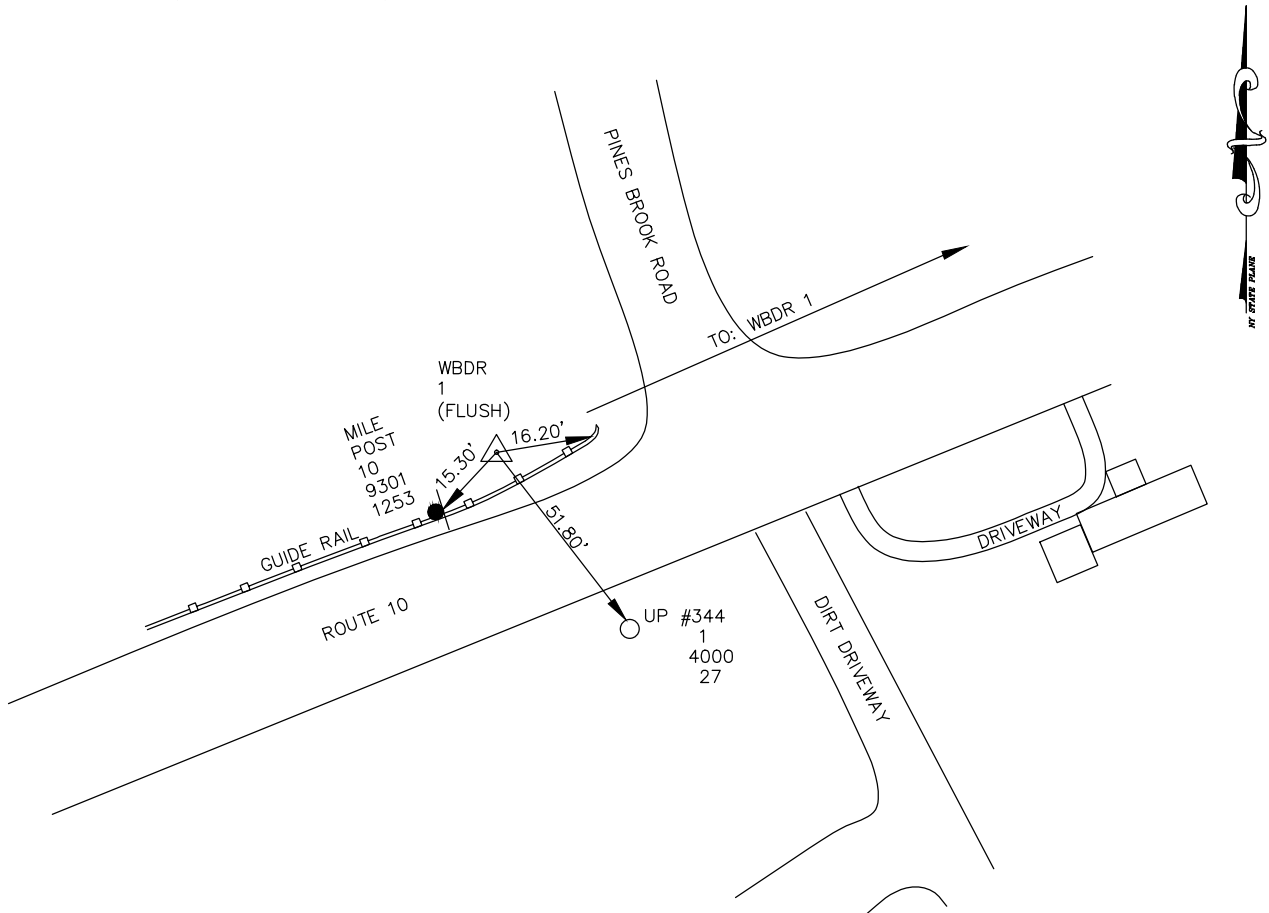
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton - Delaware County, NY		NAME OF STATION WBDR 1		MONUMENT TYPE Bar & Cap	
NORTH : 1210828.4247 EAST : 312176.8491 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 2	1041.48'	N 69°04'21" E	
ELEVATION : 1210.68 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999883890	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 1 IS A BAR & CAP SET IN GRASS WESTERLY OF THE INTERSECTION OF ROUTE 10 AND PINES BROOK ROAD. THE STATION IS LOCATED 15.30' NORTHEAST FROM MILE POST MARKER 10 9301 1253, 16.20' WESTERLY FROM AN X-CUT SET ON THE BOLT OF GUIDE RAIL AND 51.80' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 344 1 4000 27).

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

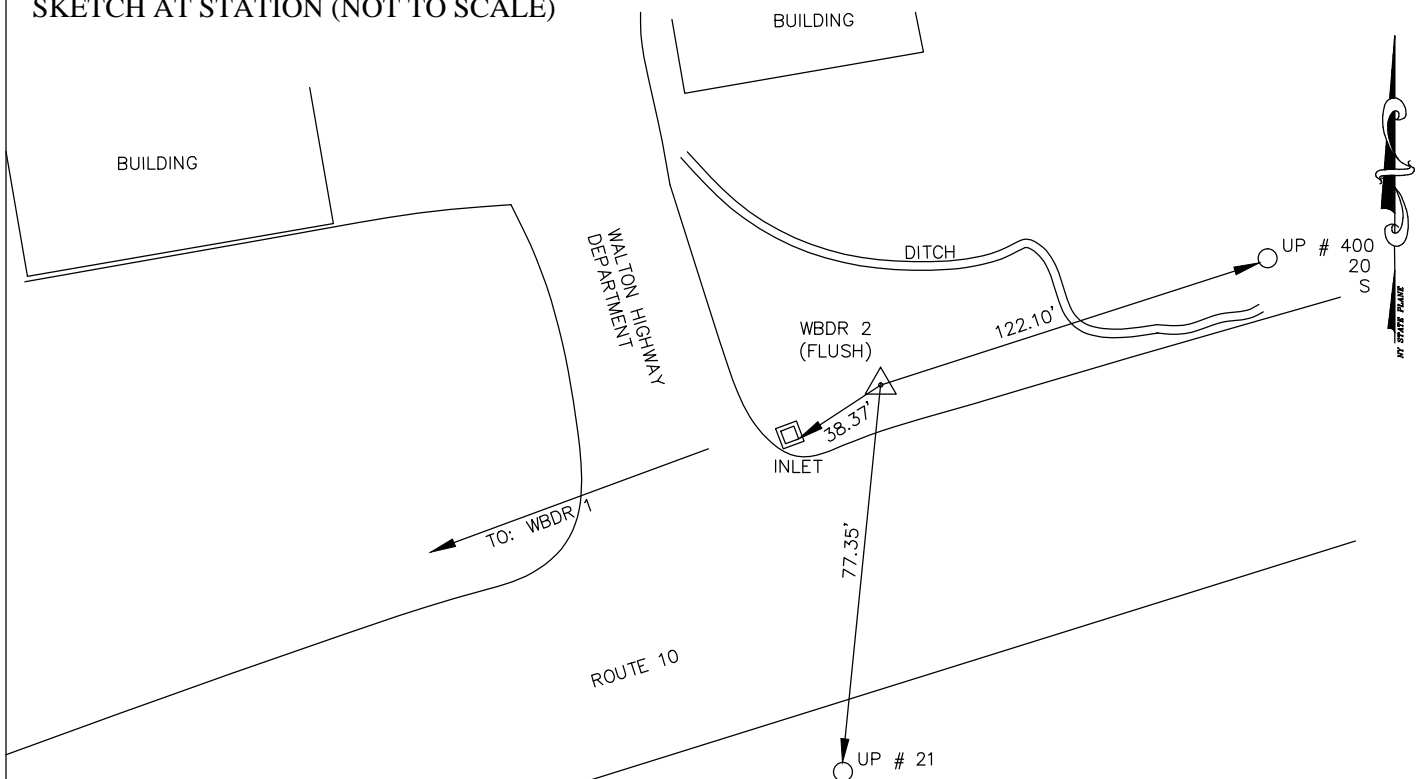
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 2		MONUMENT TYPE Bar & Cap	
NORTH : 1211200.4297 EAST : 313149.6279 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 1	1041.48'	S 69°04'21" W	
ELEVATION : 1195.05 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999884240	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 2 IS A BAR & CAP SET IN GRASS NORTHEASTERLY OF THE INTERSECTION OF ROUTE 10 AND THE DRIVEWAY TO THE WALTON HIGHWAY DEPARTMENT. THE STATION IS LOCATED 38.37' NORTHEAST FROM AN X-CUT ON THE CONCRETE RIM OF A TYPE "A" INLET, 122.10' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 4000 20S), AND 77.35' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 21).

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

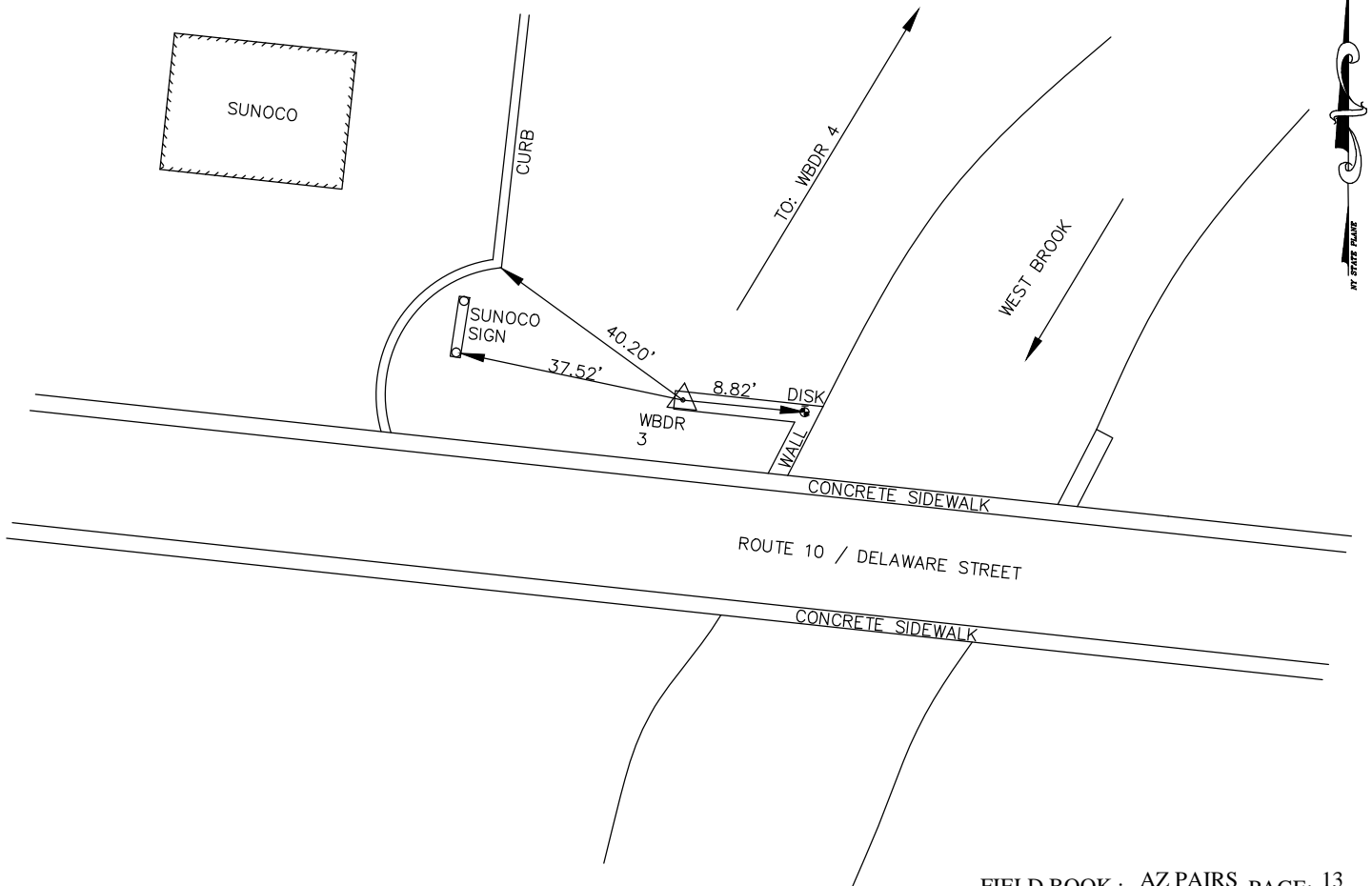
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton - Delaware County, NY		NAME OF STATION WBDR 3		MONUMENT TYPE Disk	
NORTH : 1215936.1994 EAST : 320166.8101		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 4	559.74'	N 30°48'48" E	
ELEVATION : 1211.65 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999880630	-	
YEAR 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 3 IS A DISK SET ON TOP OF A CONCRETE WALL NEAR THE NORTHWEST CORNER OF THE BRIDGE AT ROUTE 10 CROSSING OVER WEST BROOK. THE STATION IS LOCATED 37.52' SOUTHEAST FROM AN X-CUT SET ON A BOLT FOR A SUNOCO STANDARD SIGN, 40.20' SOUTHEAST FROM AN X-CUT SET AT THE CORNER TOP OF A CONCRETE CURB AND 8.82' WEST FROM A N.Y. D.O.T. DISK FOUND AT THE TOP OF THE SAME CONCRETE WALL.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

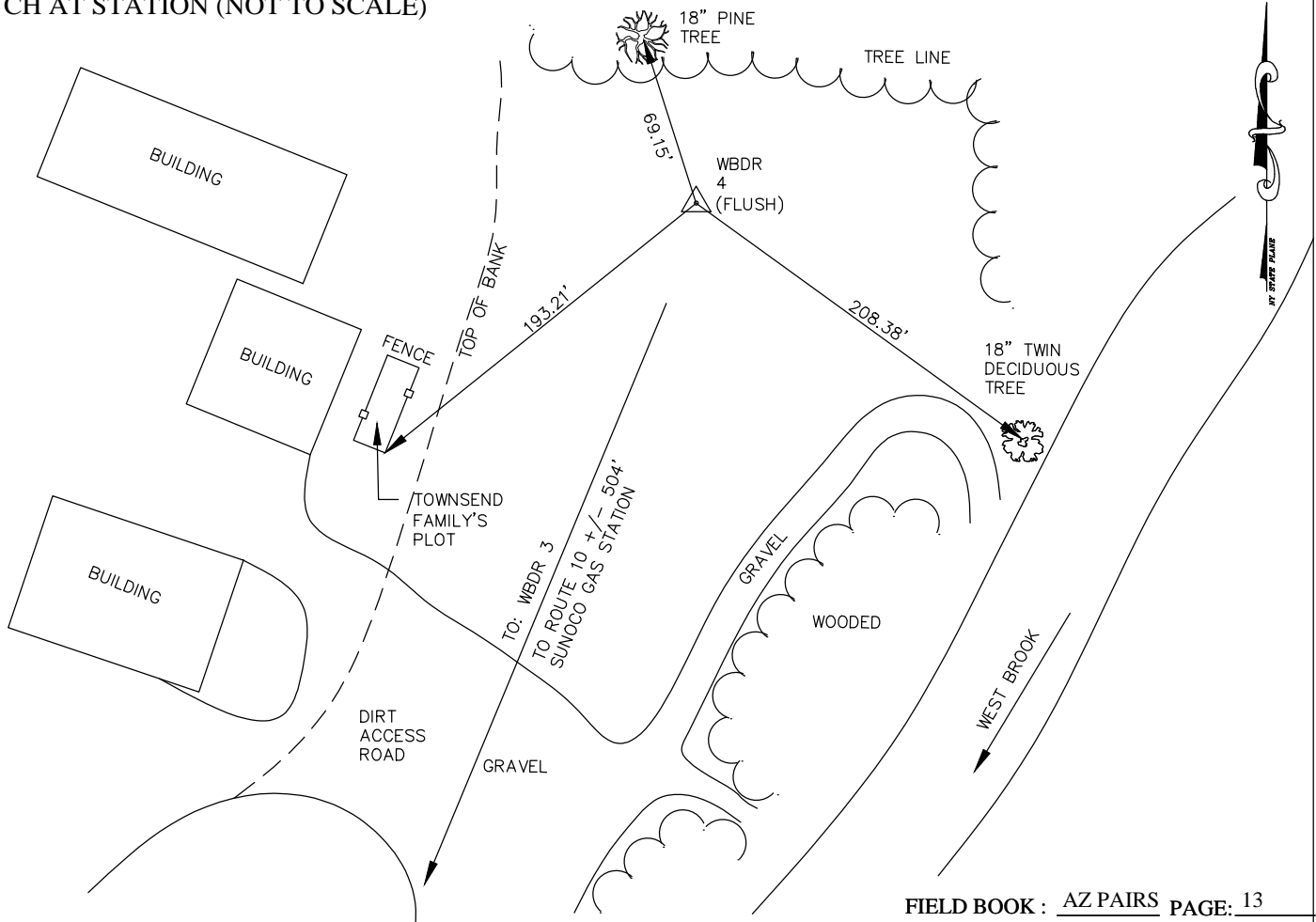
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton - Delaware County, NY		NAME OF STATION WBDR 4		MONUMENT TYPE Bar & Cap	
NORTH : 1216416.9260 EAST : 320453.5327		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 3	559.74'	S 30°48'48" W	
ELEVATION : 1209.03		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999880640	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 4 IS A BAR & CAP SET IN GRASS NORTH OF ROUTE 10 A DISTANCE OF +/- 504' BEHIND THE SUNOCO GAS STATION. THE STATION IS LOCATED 193.21' NORTHEAST FROM THE SOUTHEAST FENCE CORNER OF THE TOWNSEND FAMILY'S PLOT, 69.15' SOUTHEAST FROM A "PK" NAIL SET IN A 18" PINE TREE, +/- 5' ABOVE GRADE AND 208.38' NORTHWEST FROM A "PK" NAIL SET IN A 18" TWIN DECIDUOUS TREE.

SKETCH AT STATION (NOT TO SCALE)



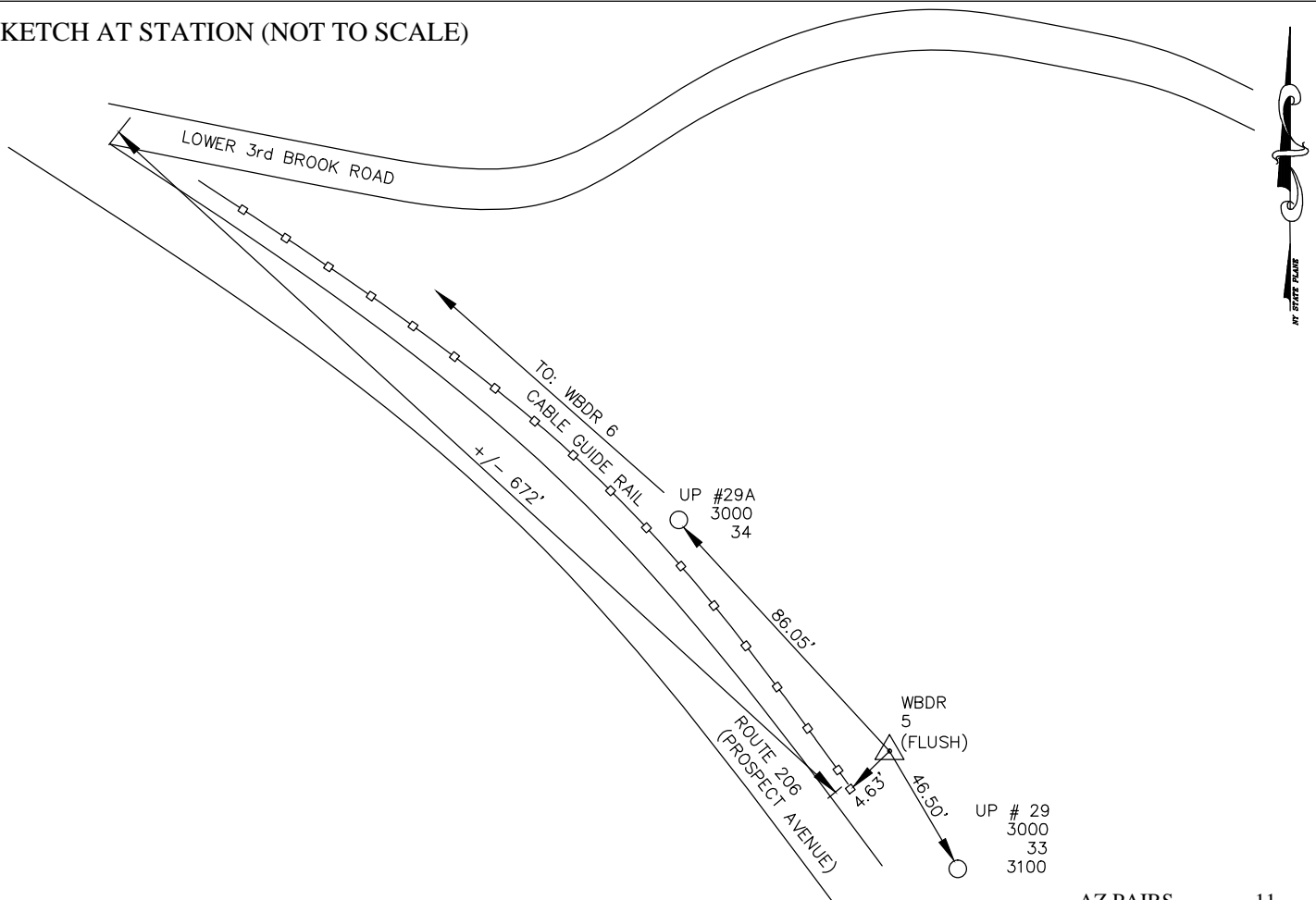
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 5		MONUMENT TYPE Bar & Cap	
NORTH : 1224786.1809 EAST : 314623.8691		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 6	982.64'	N 34°13'13 W	
ELEVATION : 1532.84		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International		-	0.999867510	-	
YEAR: 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 5 IS A BAR & CAP SET IN GRASS NORTH SIDE OF ROUTE 206 +/- 672' SOUTHERLY FROM ITS INTERSECTION WITH LOWER 3RD BROOK ROAD. THE STATION IS LOCATED 86.05' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 29A 3000 34), 46.50' NORTHWEST FROM A "PK" SET IN A UTILITY POLE (# 29 3000 33 3100) AND 4.63' NORTHEAST FROM A X-CUT SET ON TOP OF I-BEAM AT END OF A GUIDE RAIL CABLE.

SKETCH AT STATION (NOT TO SCALE)



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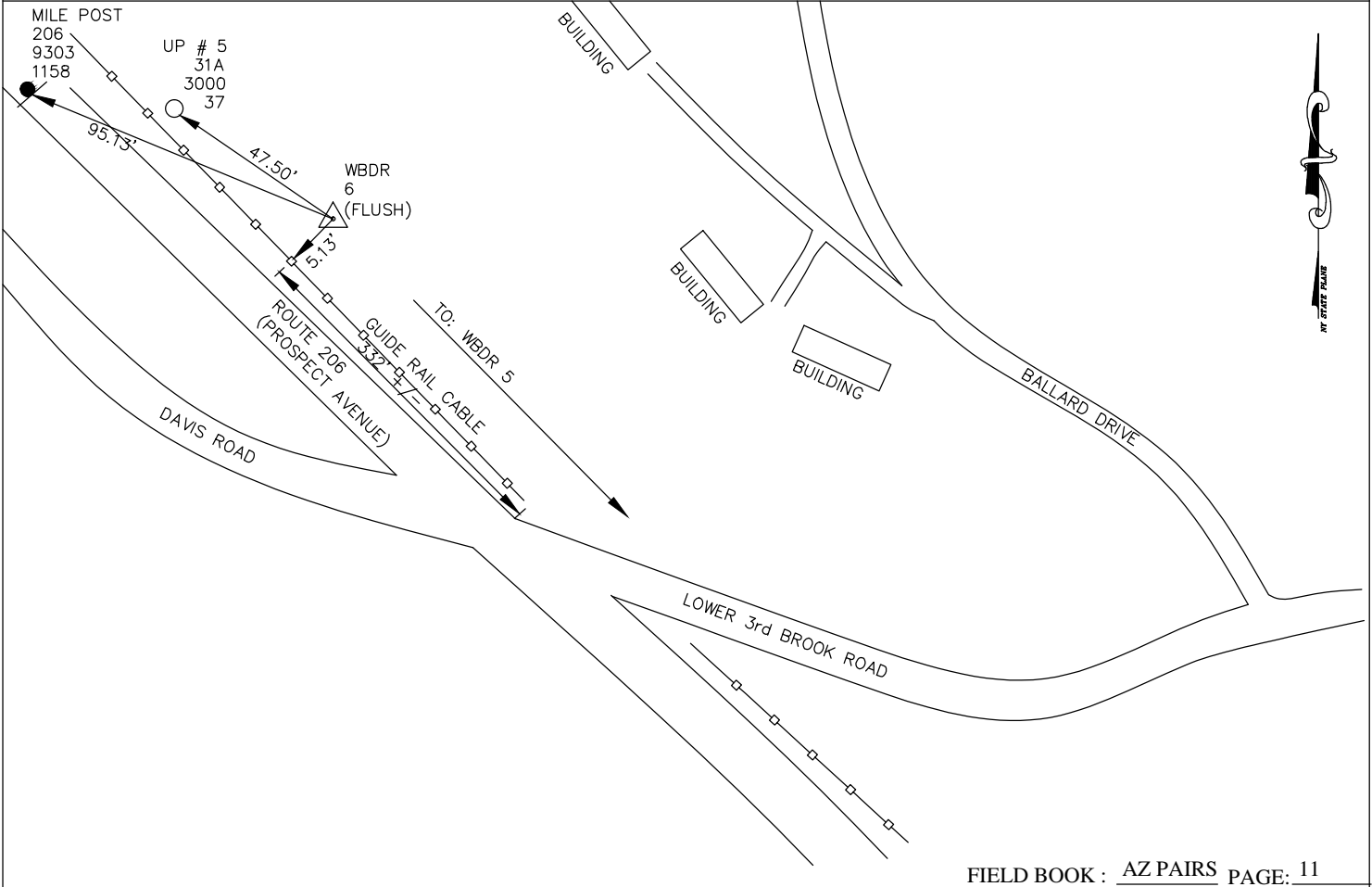
PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 6		MONUMENT TYPE Bar & Cap	
NORTH : 1225598.7108 EAST : 314071.2515 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 5	982.64'	S 34°13'13" E	
ELEVATION : 1507.15 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999868960	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 6 IS A BAR & CAP SET IN GRASS LOCATED NORTHEASTERLY OF THE GUIDE RAIL OF ROUTE 206 NORTH BOUND LANE, +/- 300' NORTHWESTERLY FROM THE INTERSECTION OF LOWER 3RD BROOK RD/ DAVIS RD AND ROUTE 206. THE STATION IS LOCATED 95.13' SOUTHEAST FROM MILE POST 206 9303 1158 (SIGN IS LEANING SOUTHERLY), 47.50' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 5 31A 3000 37) AND 5.13' NORTHEAST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL CABLE POST.



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

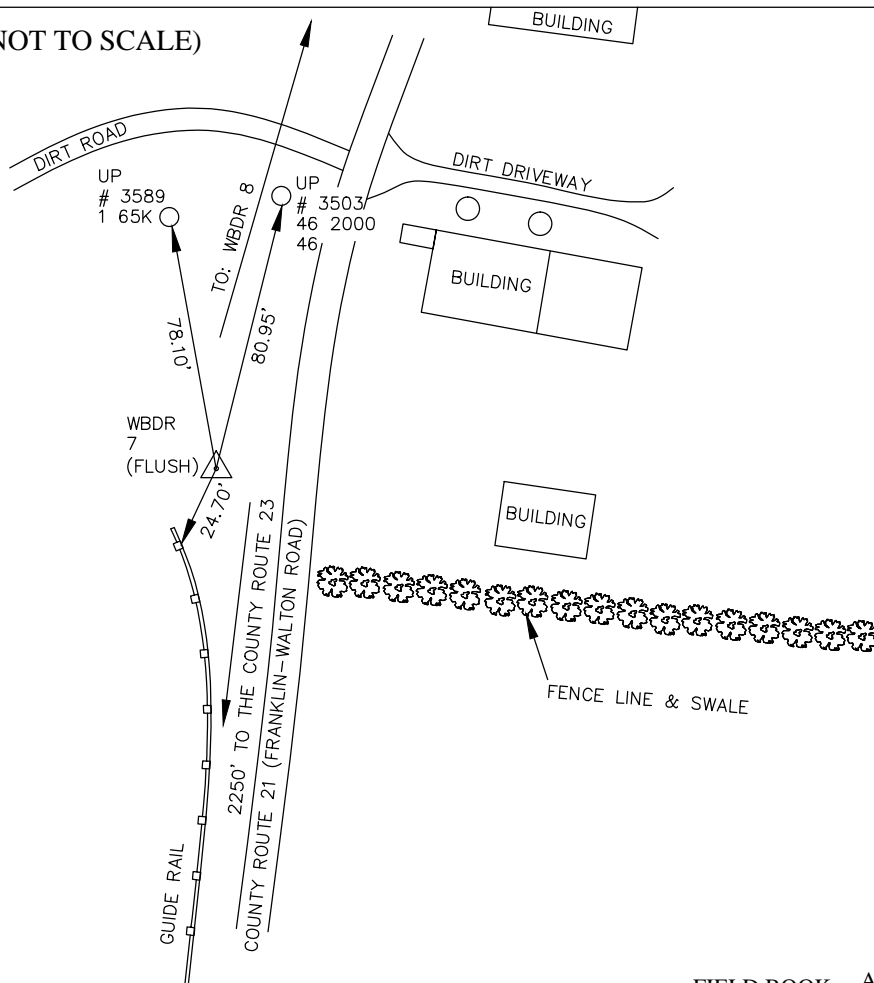
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 7		MONUMENT TYPE Bar & Cap	
NORTH : 1228294.4737 EAST : 324238.4515		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 8	1030.20'	N 19°34'35" E	
ELEVATION : 1319.01		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999873920	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 7 IS A BAR/CAP 2400' +/- NORTHEASTERLY FROM THE INTERSECTION OF COUNTY ROUTE 21 AND COUNTY HIGHWAY 23 LOCATED ALONG COUNTY ROUTE 21. THE STATION IS LOCATED 78.10' SOUTHEAST FROM A 'PK' NAIL SET IN A UTILITY POLE (# 3589 1 65K), 80.95' SOUTHWEST FROM A 'PK' NAIL SET IN A UTILITY POLE (# 3503 46 2000 46) AND 24.70' NORTHEAST FROM A X-CUT SET ON TOP OF A GUIDE RAIL POST.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

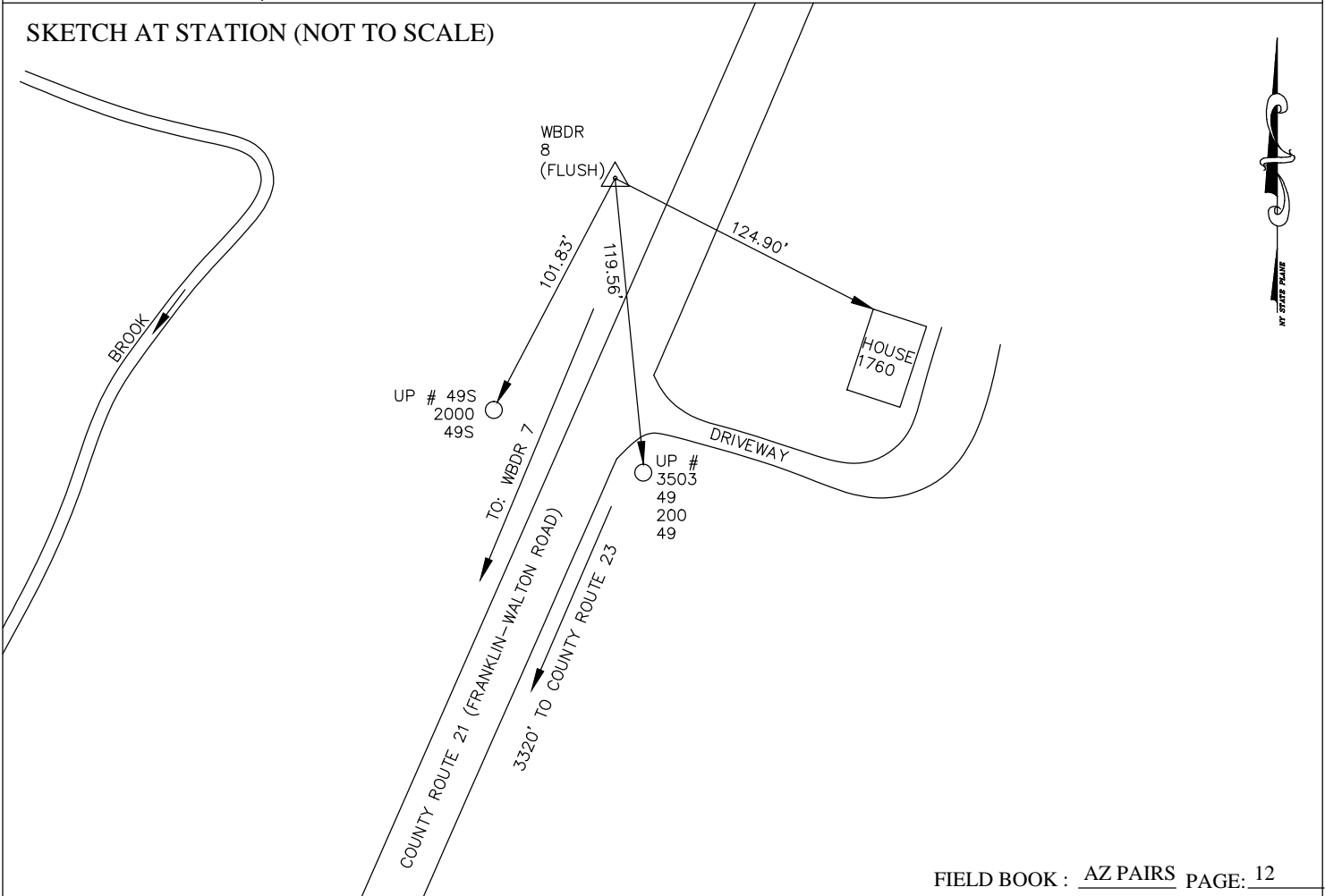
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 8		MONUMENT TYPE Bar & Cap	
NORTH : 1229265.1239 EAST : 324583.6333		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 7	1030.20'	S 19°34'35" W	
ELEVATION : 1343.24 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999872630	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 8 IS A BAR & CAP SET IN GRASS WESTERLY OF COUNTY ROUTE 21, +/- 3320' FROM ITS INTERSECTION WITH COUNTY ROAD 23. THE STATION IS LOCATED 101.83' NORTHEAST FROM A 'PK' NAIL SET IN A UTILITY POLE (# 49S 2000 49S), 124.90' NORTHWEST FROM THE NORTHWESTERLY CORNER OF HOUSE # 1760 AND 119.56' NORTHWEST FROM A 'PK' NAIL SET IN A UTILITY POLE (# 3503 49 200 49).

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

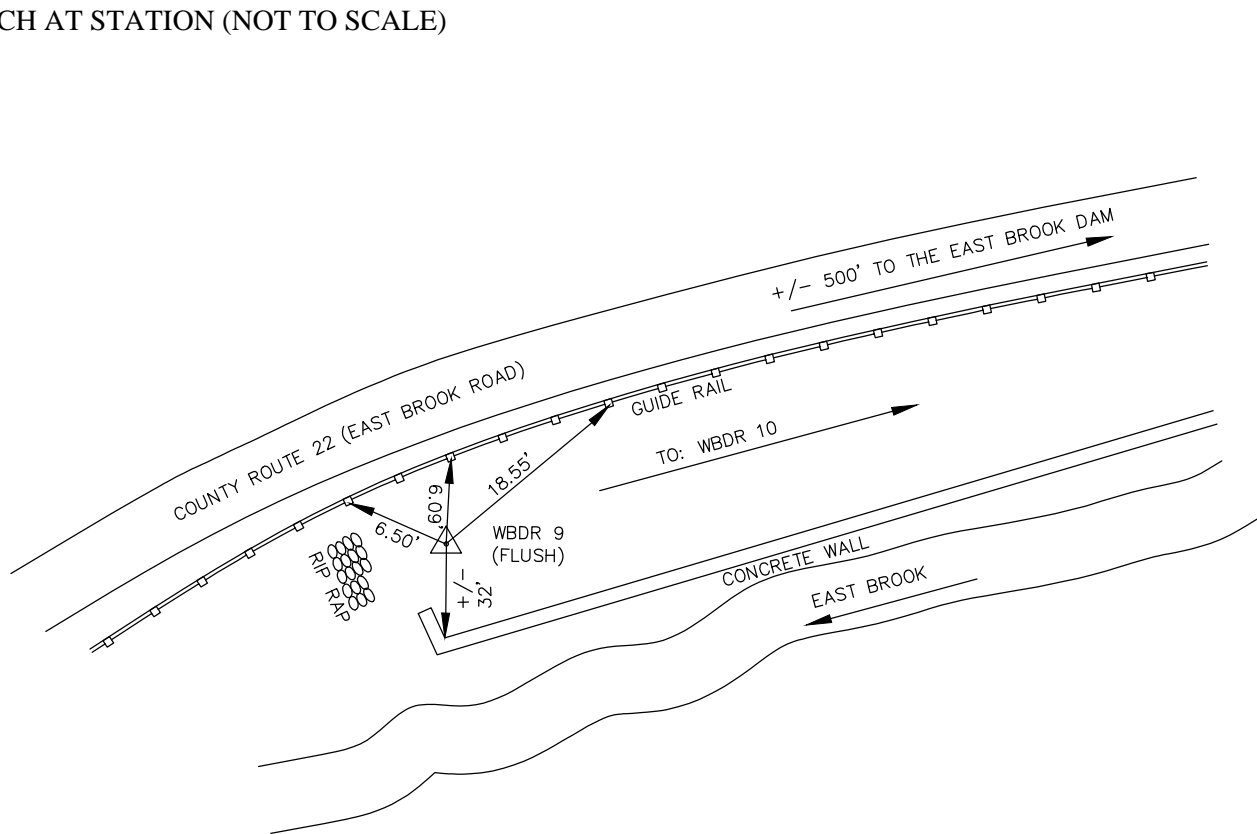
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 9		MONUMENT TYPE Bar & Cap	
NORTH : 1219370.1848 EAST : 326085.6763 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 10	513.54'	N 56°28'20" E	
ELEVATION : 1277.20 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999875200	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 9 IS A BAR & CAP SET IN GRAVEL LOCATED ALONG COUNTY ROAD 22 500'+/- SOUTH FROM THE INTERSECTION OF COUNTY ROAD 22 AND EAST BROOK DAM ROAD. THE STATION IS LOCATED 6.50' SOUTHEAST FROM AN X-CUT SET ON THE TOP OF A GUIDE RAIL POST, 6.09' SOUTH FROM A X-CUT SET ON THE TOP OF A GUIDE RAIL POST, 18.55' SOUTHWEST FROM AN X-CUT SET ON TOP OF A GUIDE RAIL POST AND +/- 32' NORTHEAST FROM THE CORNER OF A CONCRETE WALL.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

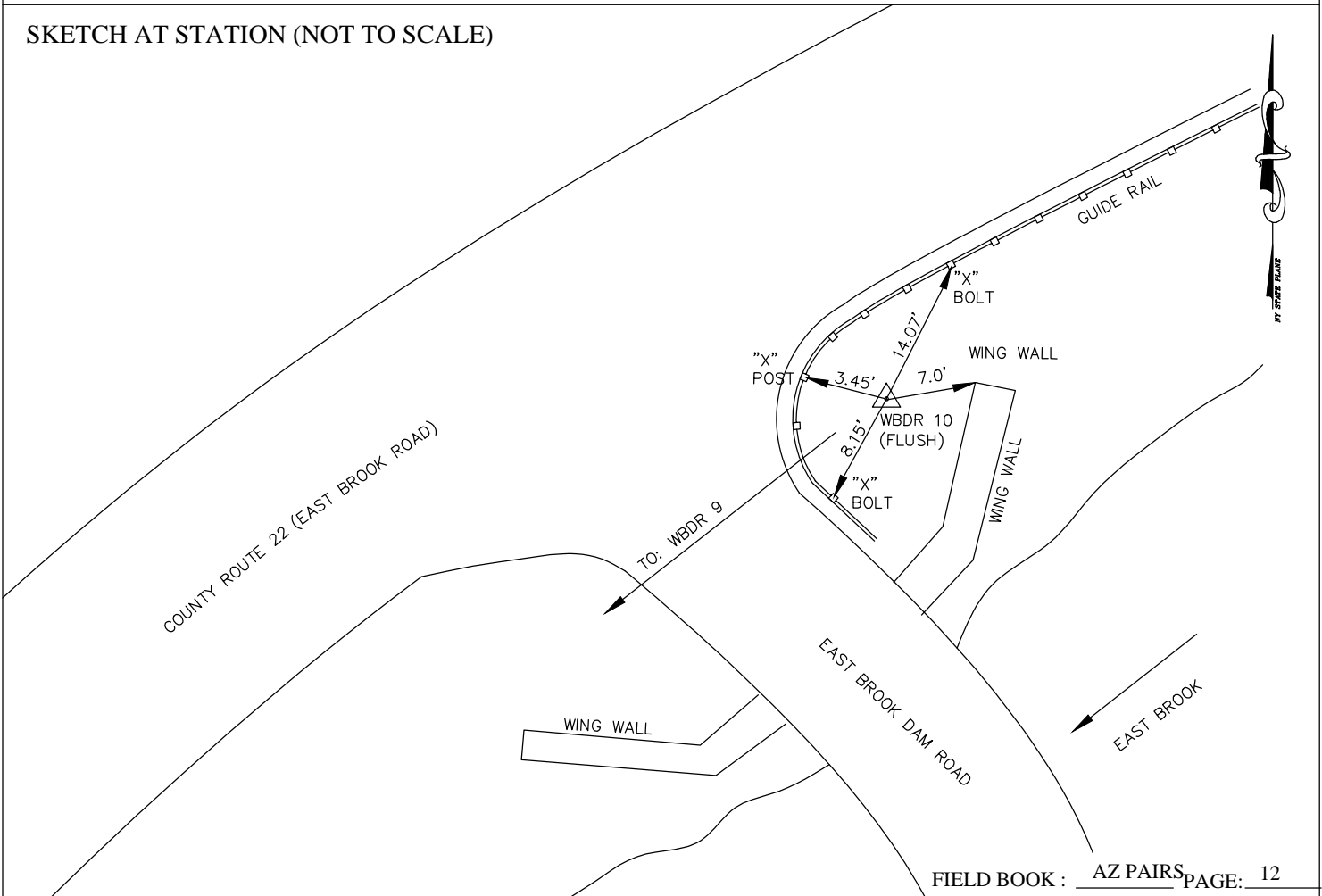
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION WBDR 10		MONUMENT TYPE Bar & Cap	
NORTH : 1219653.8351 EAST : 326513.7733 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 9	513.54'	S 56°28'20" W	
ELEVATION : 1275.79 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999875110	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 10 IS A BAR & CAP GROUTED IN ASPHALT NEAR THE NORTHEAST CORNER OF A BRIDGE OVER EAST BROOK AT THE INTERSECTION OF COUNTY ROAD 22 AND EAST BROOK DAM ROAD. THE STATION IS LOCATED 8.15' NORTHEAST FROM AN X-CUT SET ON THE TOP OF A GUIDE RAIL BOLT, 3.45' SOUTHEAST FROM AN X-CUT SET ON THE TOP OF A GUIDE RAIL POST, 14.07' SOUTHWEST FROM AN X-CUT SET ON THE TOP OF A GUIDE RAIL BOLT AND 7.0' WEST FROM THE CORNER OF THE BRIDGE WING WALL.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

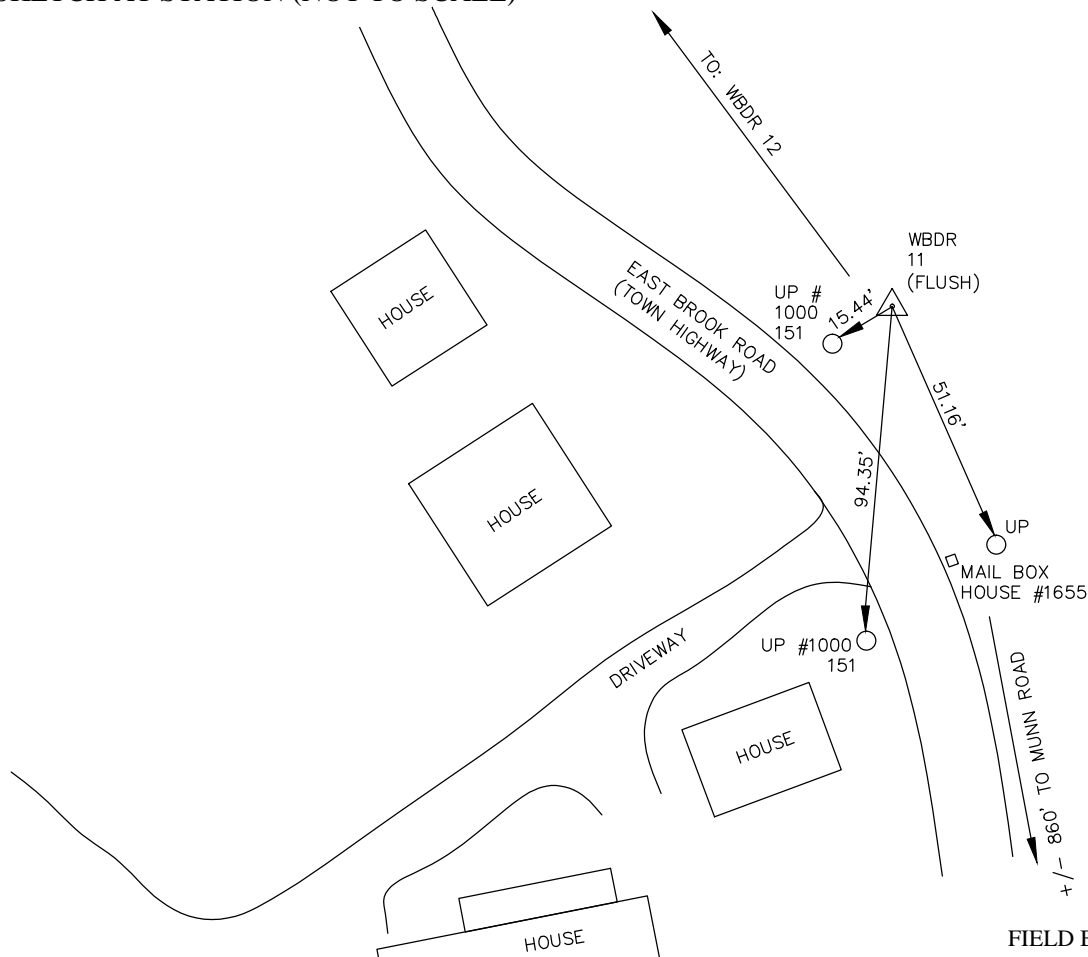
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 11		MONUMENT TYPE Bar & Cap	
NORTH : 1247698.5052 EAST : 343121.8032 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 12	1409.16'	N 16°25'33" W	
ELEVATION : 1630.31 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999852200	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 11 IS A BAR & CAP SET IN GRASS EASTERLY OF EAST BROOK ROAD 860'+/- NORTH FROM THE INTERSECTION OF EAST BROOK ROAD AND MUNN ROAD. THE STATION IS LOCATED 15.44' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 1000 151), 51.16' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE AND 94.35' NORTHEASTERLY FROM A "PK" SET IN A UTILITY POLE (# 1000 150).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

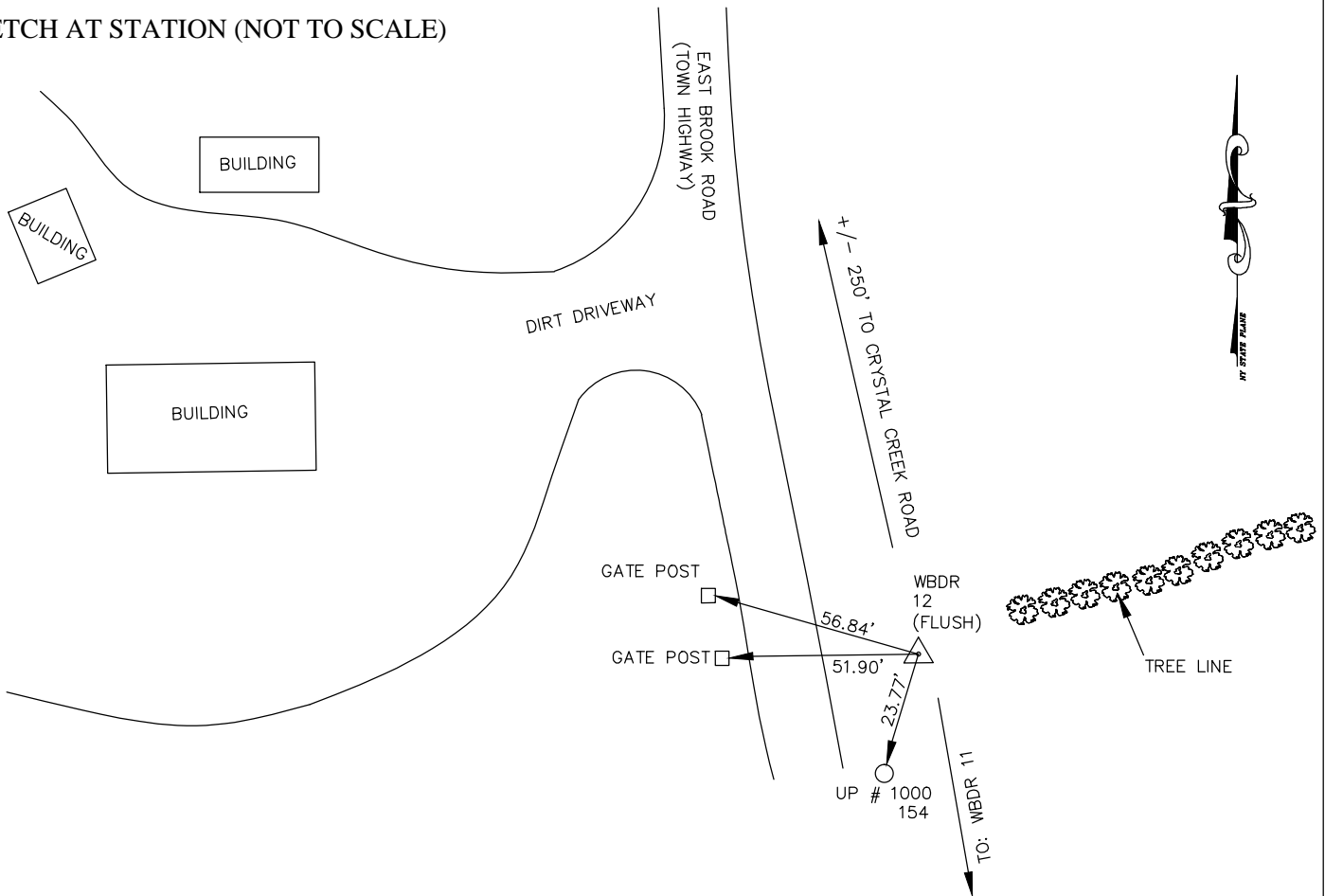
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 12		MONUMENT TYPE Bar & Cap	
NORTH : 1249050.1510 EAST : 342723.3276 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 11	1409.16'	S 16°25'33" E	
ELEVATION : 1652.98 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999851260	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR AZ -12 IS A BAR & CAP SET IN GRASS ON THE EAST SIDE OF BROOK ROAD, 250'+/- SOUTH FROM THE INTERSECTION OF EAST BROOK ROAD AND CRYSTAL CREEK ROAD. THE STATION IS LOCATED 56.84' SOUTHEAST FROM A "PK" NAIL SET IN A GATE POST, 51.90' EASTERLY FROM A "PK" NAIL SET IN A GATE POST AND 23.77' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 1000 154).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

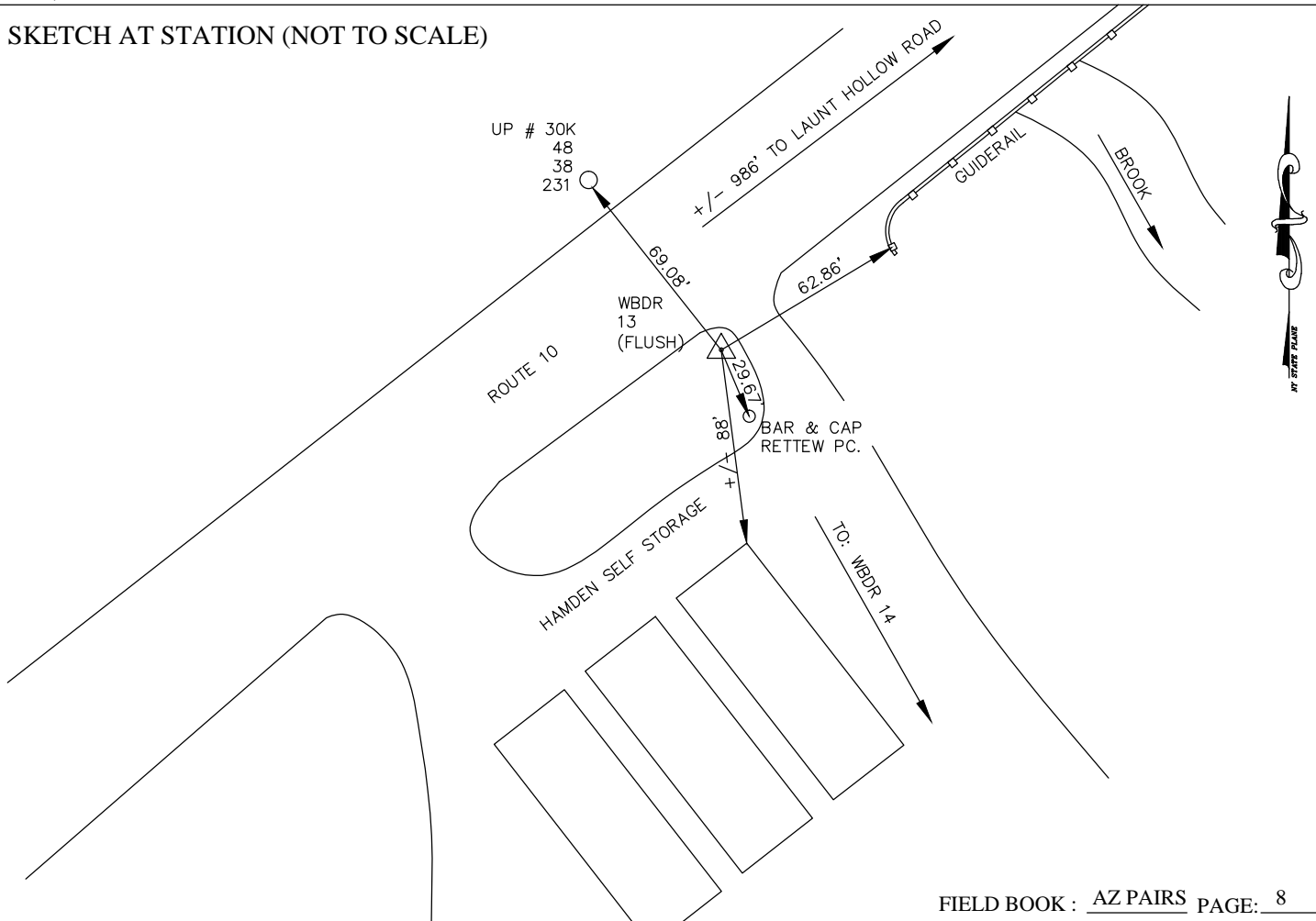
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 13		MONUMENT TYPE Bar & Cap	
NORTH : 1222907.5083 EAST : 357336.8394 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 14	817.91'	S 29°05'26"E	
ELEVATION : 1284.02 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999864100	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 13 IS A BAR & CAP SET IN GRASS ON THE CENTER ISLAND NEAR THE NORTHEASTERLY ENTRANCE FOR HAMDEN SELF STORAGE ALONG ROUTE 10, +/- 986' FROM ITS INTERSECTION WITH LAUNT HOLLOW ROAD. THE STATION IS LOCATED 69.08' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 30K 48 38 231), 62.86' SOUTHWEST FROM A X-CUT SET ON THE TOP BOLT AT THE END OF A GUIDE RAIL, 29.67' NORTHWESTERLY FROM A BAR & CAP (RETTEW PC) AND +/- 88' NORTH FROM THE NORTHEAST CORNER OF SELF STORAGE BUILDING.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

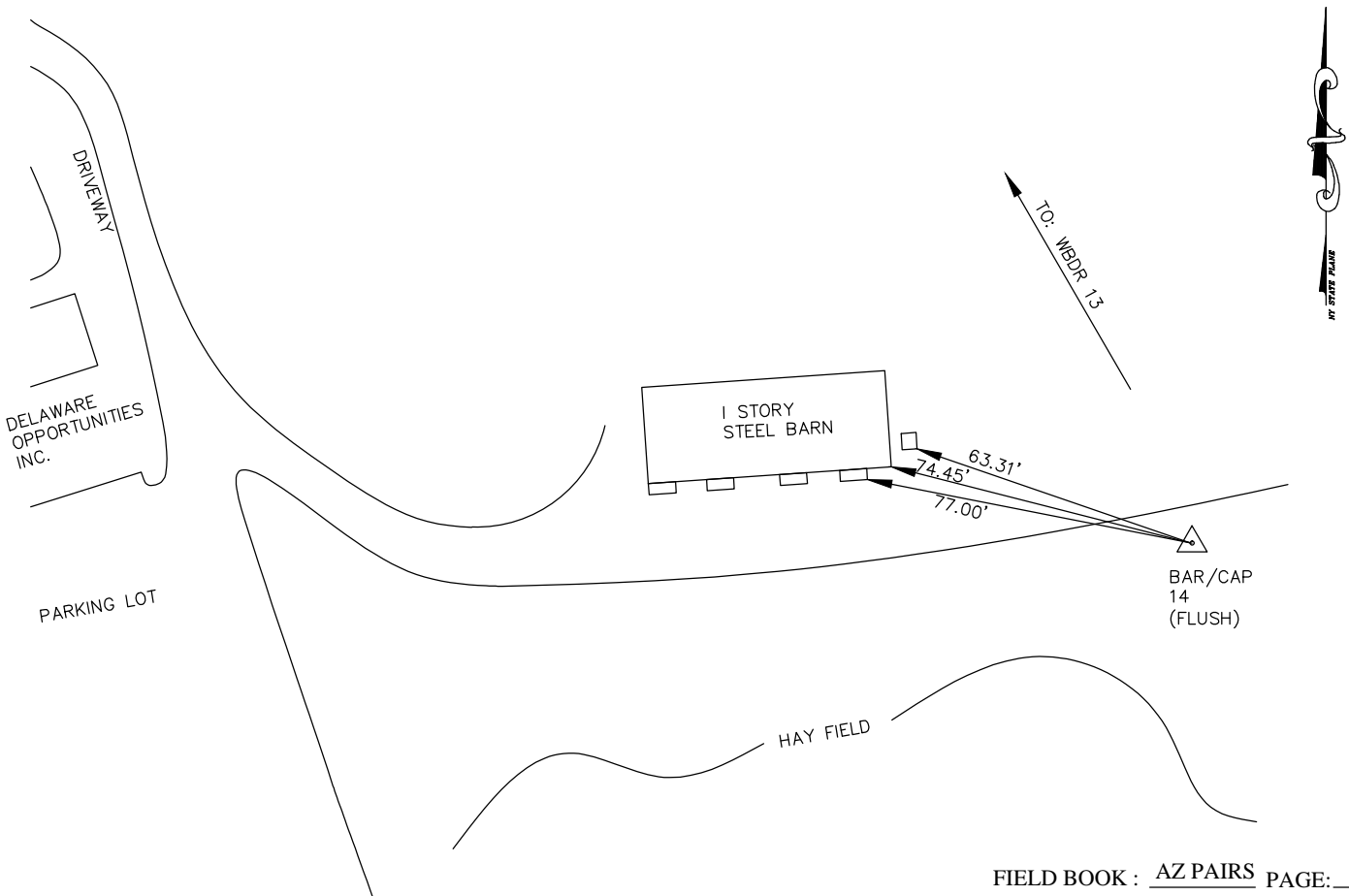
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 14		MONUMENT TYPE Bar & Cap	
NORTH : 1222192.7722 EAST : 357734.5032		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 13	817.91'	N 29°05'26"W	
ELEVATION : 1265.63		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999864850	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

WBDR 14 ISA BAR & CAP SET IN GRASS SOUTHEAST OF COUNTY ROUTE 10, BEHIND HAMDEN SELF STORAGE AND A 1 STORY STEEL BARN. THE STATION IS LOCATED 77.00' SOUTHEAST FROM A X-CUT SET ON A CONCRETE PAD, 74.45' SOUTHEAST FROM THE SOUTHEASTERLY CORNER OF AN 1 STORY STEEL BARN AND 63.31' SOUTHEAST FROM AN X-CUT SET ON A CONCRETE PAD.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

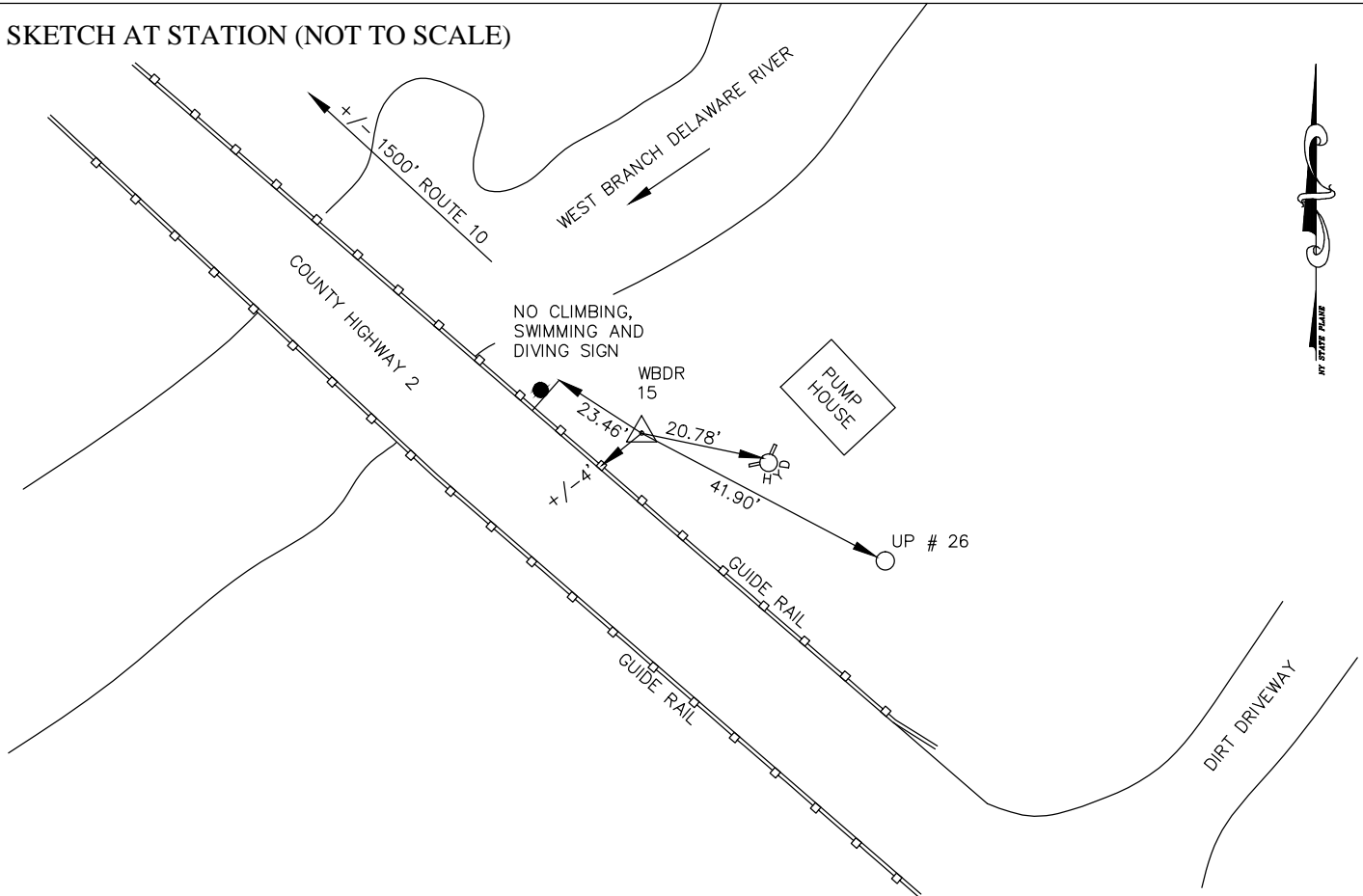
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 15		MONUMENT TYPE Bar & Cap	
NORTH : 1229718.2516 EAST : 363214.6338		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 16	1329.21'	N 73°23'46" W	
ELEVATION : 1290.66 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999862010	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 15 IS A BAR & CAP SET IN GRASS LOCATED AT THE NORTHEAST CORNER OF A BRIDGE CROSSING THE WEST BRANCH DELAWARE RIVER, ALONG COUNTY HIGHWAY 2 +/- 1500' SOUTHERLY FROM ITS INTERSECTION WITH ROUTE 10. THE STATION IS LOCATED 23.46' SOUTHEAST FROM THE CORNER OF A NO CLIMBING, SWIMMING AND DIVING SIGN, 20.78' WEST FROM AN X-CUT SET AT A FIRE HYDRANT BOLT AND 41.90' NORTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 26). A RESECTION WILL BE REQUIRED BETWEEN WBDR 15 AND WBDR 16 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

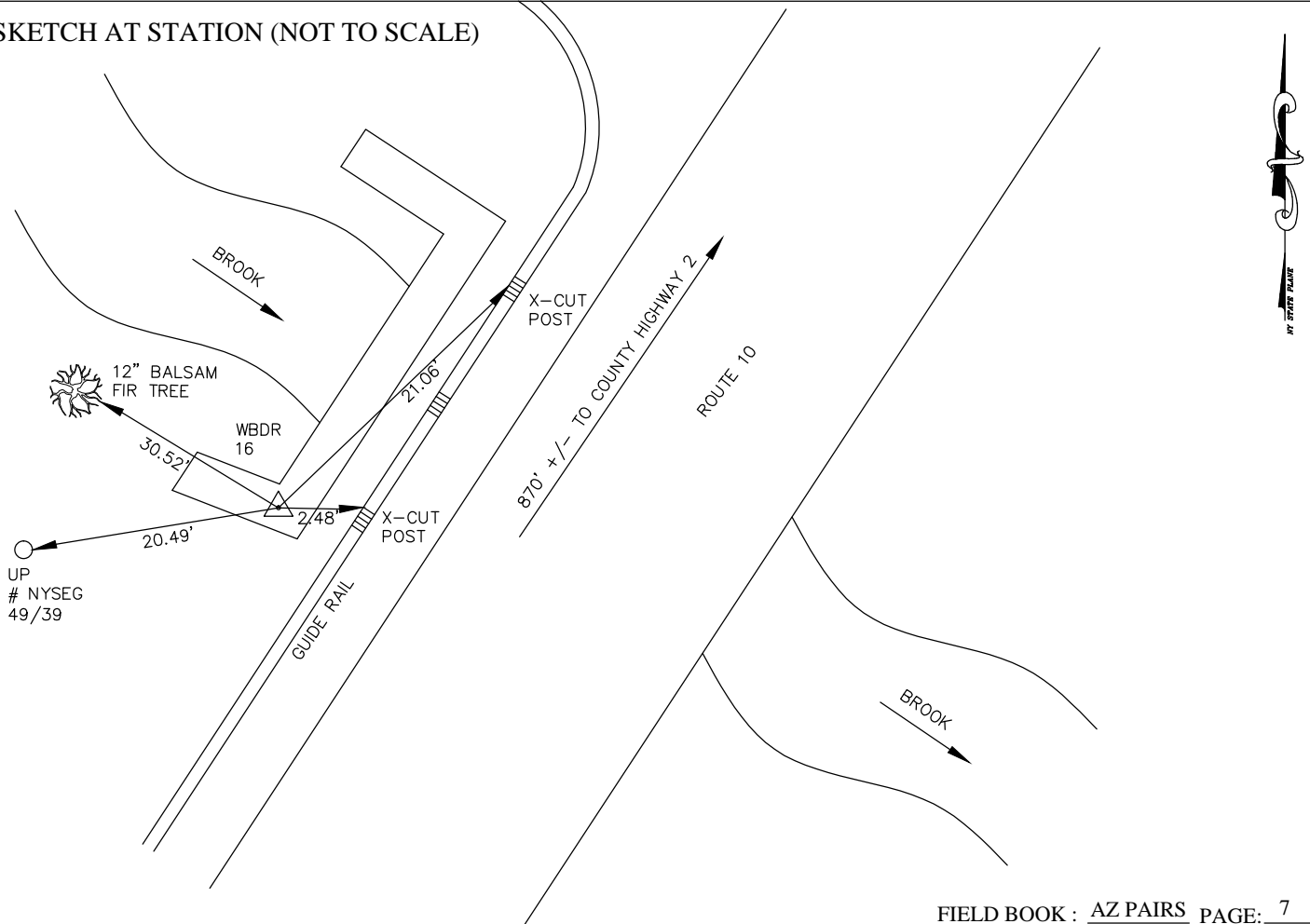
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hamden, Delaware County NY		NAME OF STATION WBDR 16		MONUMENT TYPE DISK	
NORTH : 1230098.0775 EAST : 361940.8460		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 15	1329.21'	S 73°23'46" E	
ELEVATION : 1307.25		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.99986160	-	
YEAR 2013		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 16 IS A DISK SET ON A CONCRETE WING WALL LOCATED ALONG ROUTE 10 870'+/- SOUTHWEST FROM ITS INTERSECTION WITH COUNTY HIGHWAY 2. THE STATION IS LOCATED 2.48' WEST FROM AN X-CUT SET ON A GUIDE RAIL POST, 21.06' SOUTHWEST FROM AN X-CUT SET ON A GUIDE RAIL POST, 30.52' SOUTHWEST FROM A "PK" NAIL SET IN A 12" PINE TREE AND 20.49' NORTHEAST FROM A FROM A "PK" NAIL SET IN A UTILITY POLE (# NYSEG 4939). A RESECTION WILL BE REQUIRED BETWEEN WBDR 16 AND WBDR 15 FOR HORIZONTAL CONTROL SINCE INTER-VISIBILITY COULD NOT BE ACHIEVED.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

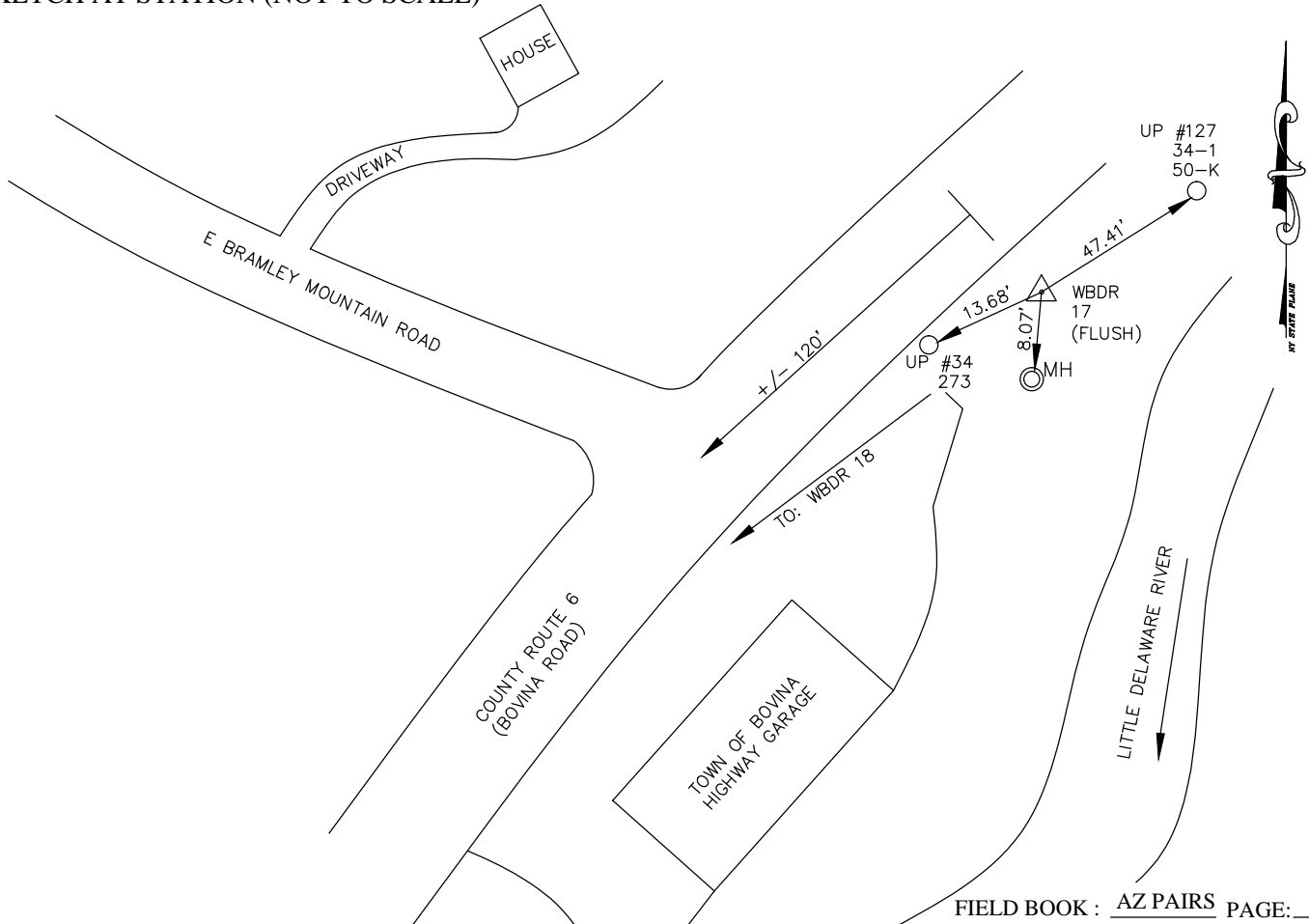
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Bovina, Delaware County NY		NAME OF STATION WBDR 17		MONUMENT TYPE Bar & Cap	
NORTH : 1248716.8408 EAST : 413759.6192		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 18	688.17'	S 47°25'15" W	
ELEVATION : 1655.75		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999832560	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

WBDR 17 IS A BAR & CAP SET IN GRASS 120'+/- NORTHEASTERLY FROM THE INTERSECTION OF E BRAMLEY MOUNTAIN ROAD AND COUNTY ROUTE 6 (BOVINA ROAD). THE STATION IS LOCATED 13.68' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 34 273), 47.41' SOUTHWEST FROM A "PK" NAIL SET IN A UTILITY POLE (# 127 34-1 50-K) AND 8.07' NORTH FROM AN X-CUT SET ON A MANHOLE RIM.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

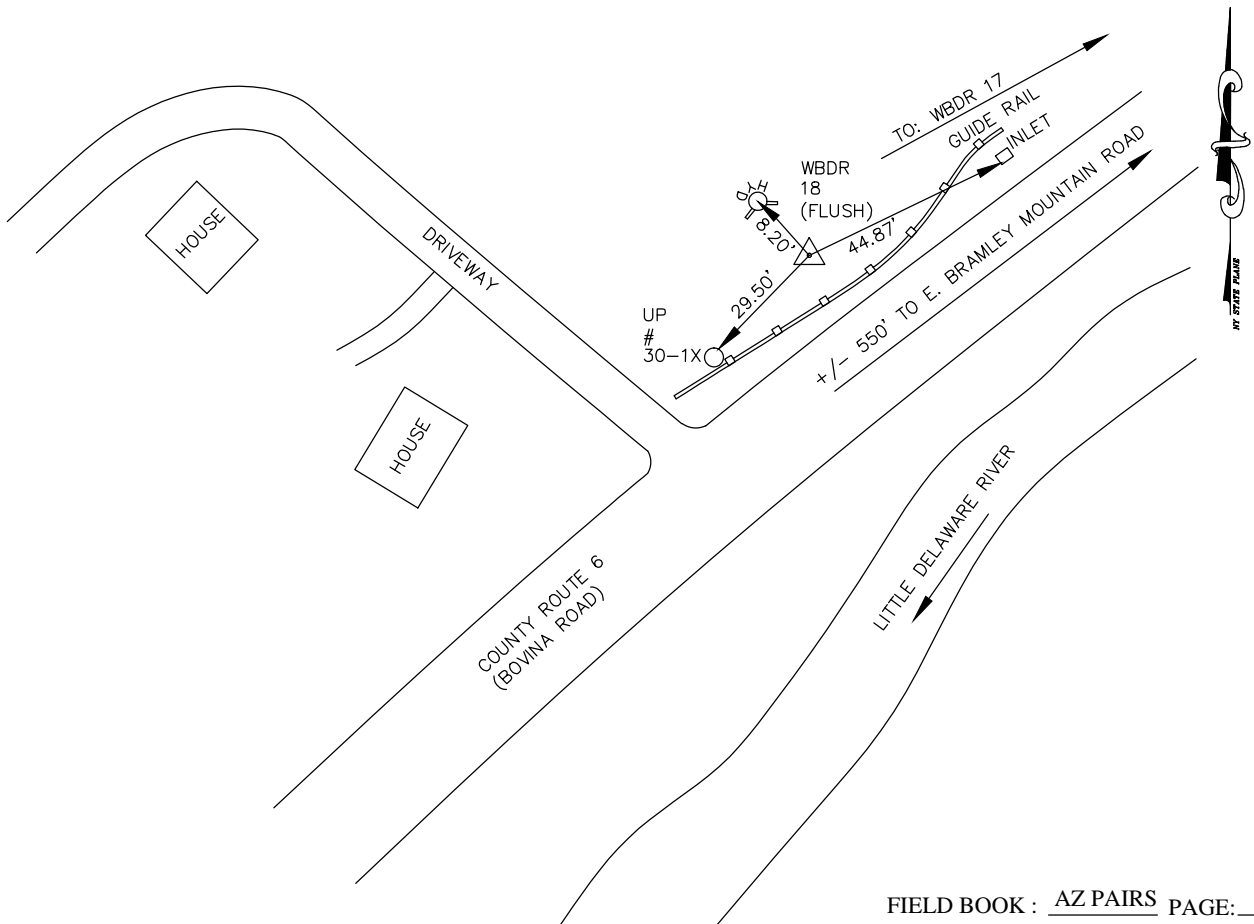
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Bovina, Delaware County NY		NAME OF STATION WBDR 18		MONUMENT TYPE Bar & Cap	
NORTH : 1248251.2167 EAST : 413252.8856 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 17	688.17'	N 47°25'15" E	
ELEVATION : 1636.69 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999833560	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 18 IS A BAR & CAP SET IN GRASS LOCATED 550'+/- SOUTH OF THE INTERSECTION OF E BRAMLEY MOUNTAIN ROAD AND COUNTY ROUTE 6 (BOVINA ROAD). THE STATION IS LOCATED 29.50' NORTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 30-1X), 8.20' SOUTHEAST FROM AN X-CUT SET ON A HYDRANT BOLT AND 44.87' SOUTHWEST FROM AN X-CUT SET ON THE RIM OF AN INLET.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

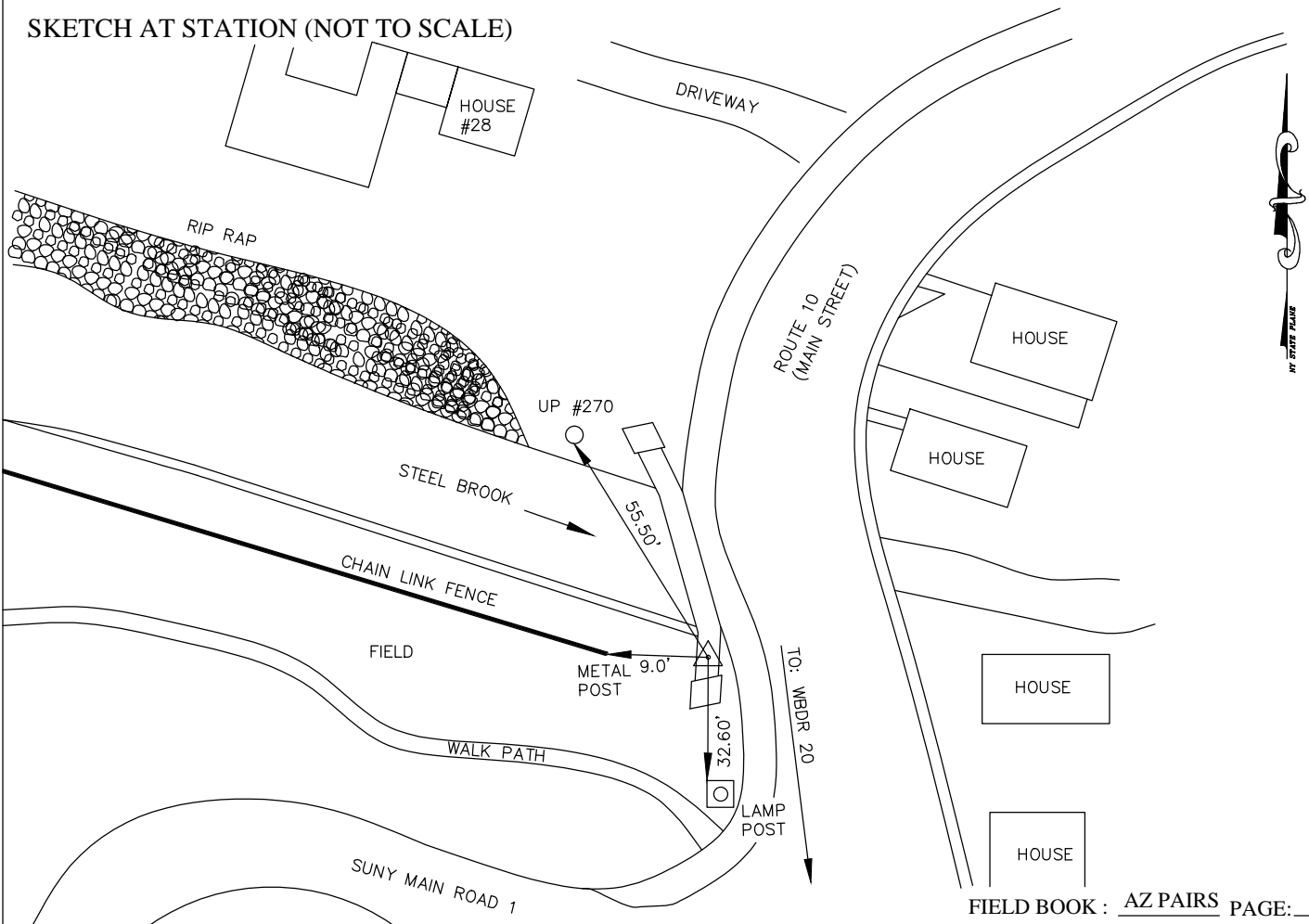
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Delhi, Delaware County NY		NAME OF STATION D309 RESET 1995 (aka WBDR 19)	MONUMENT TYPE Disk
NORTH : 1253370.3778 EAST : 377926.3047	US FOOT	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS	
VERT. DATUM: NAVD88 (Geoid09) HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		OBJECT WBDR 20	GRID DISTANCE (FT) 1042.17' COMBINED S.F. 0.999853670
ELEVATION : 1379.70	US FOOT		GRID BEARING S 09°23'36" E
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2013		

DETAILED DESCRIPTION AT STATION

D309 RESET 1995 IS A NGS DISK SET ON TOP OF THE WESTERLY WALL OF A BRIDGE CROSSING OVER STEEL BROOK, ALONG ROUTE 10 +/- 110' NORTHWESTERLY FROM ITS INTERSECTION WITH SUNY MAIN ROAD. THE STATION IS LOCATED 55.50' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (# 270), 32.60' NORTHERLY FROM AN X-CUT SET AT TOP OF THE NORTHWEST BOLT FOR A LAMP POST AND 9.0' EAST FROM X-CUT SET ON A METAL POST FOR A CHAIN LINK FENCE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

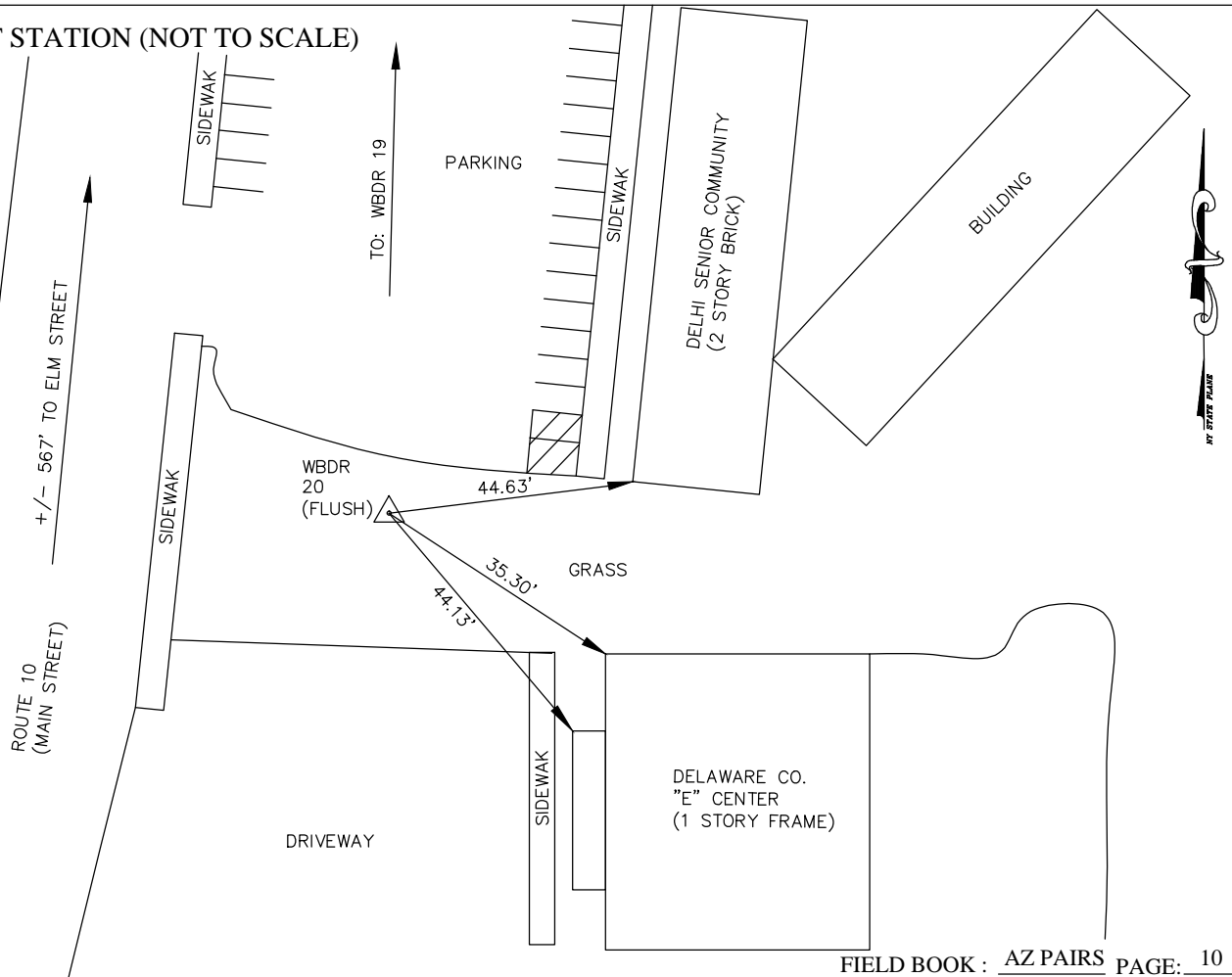
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Delhi, Delaware County NY		NAME OF STATION WBDR 20		MONUMENT TYPE Bar & Cap	
NORTH : 1252342.1847 EAST : 378096.3980		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		D309 RESET 1995	1042.17'	N 09°23'36" W	
ELEVATION : 1359.30		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999854600	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

WBDR 20 IS A BAR & CAP SET IN GRASS SOUTHERLY OF THE PARKING LOT FOR THE DELHI SENIOR COMMUNITY BUILDING, ALONG ROUTE 10 +/- 567' SOUTH FROM ITS INTERSECTION WITH ELM STREET. THE STATION IS LOCATED 44.63' SOUTHWEST FROM THE SOUTHWEST CORNER OF THE DELHI SENIOR COMMUNITY BUILDING, 35.30' NORTHWEST FROM THE NORTHWEST CORNER OF THE DELAWARE CO. "E" CENTER AND 44.13' NORTHWEST FROM THE NORTHERLY ENTRANCE CORNER OF THE DELAWARE CO. "E" CENTER.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

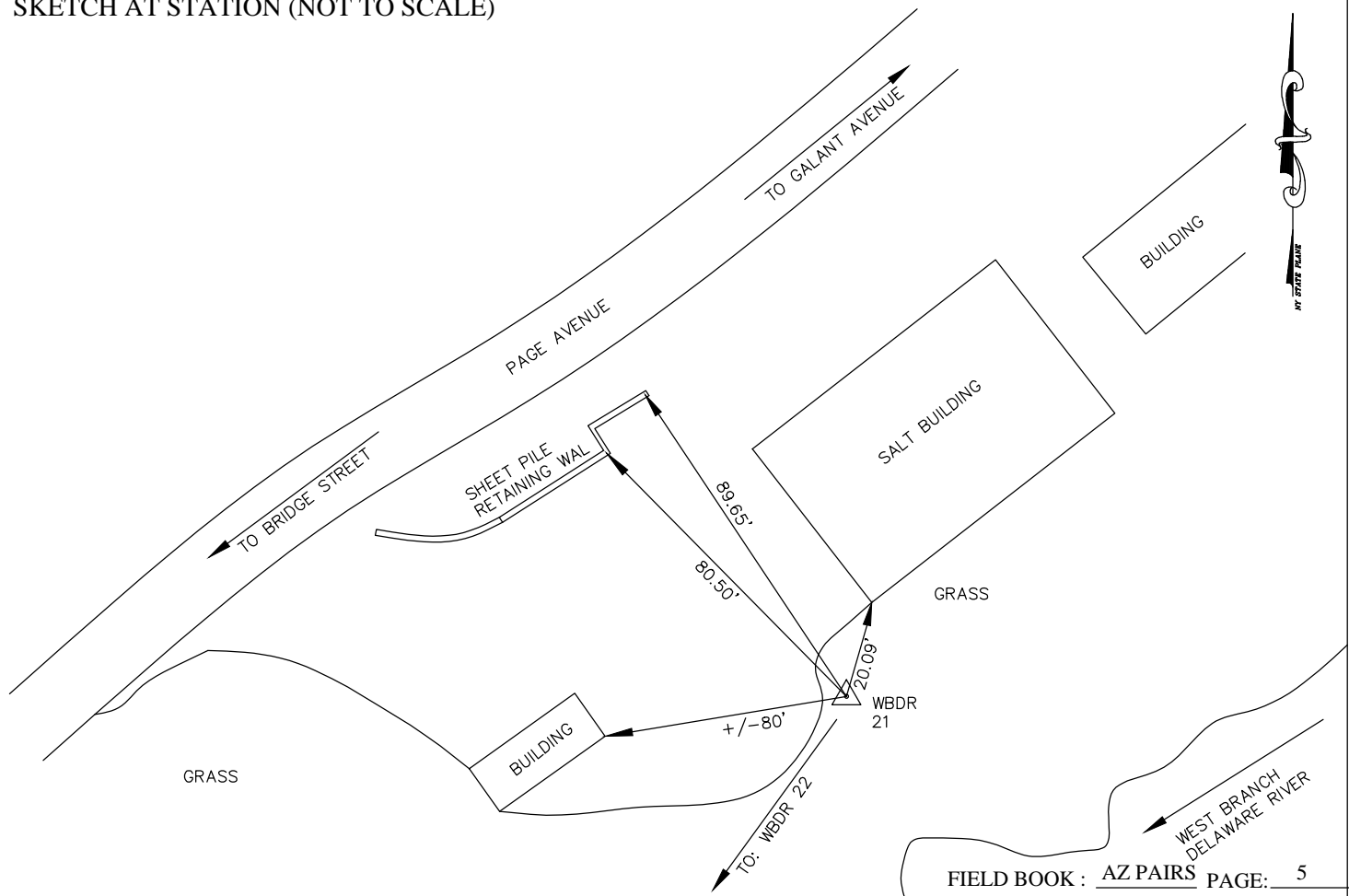
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Delhi, Delaware County NY		NAME OF STATION WBDR 21		MONUMENT TYPE Bar & Cap	
NORTH : 1255645.7149 EAST : 380959.0285		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 22	576.80'	S 41°39'33" W	
ELEVATION : 1363.35		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999853670	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

WBDR 21 IS A BAR & CAP SET IN GRAVEL LOCATED 125' +/- SOUTHEAST FROM THE CENTER LINE OF PAGE AVE, AT DISTANCE OF +/- 555' NORTHEASTERLY FROM INTERSECTION OF BRIDGE STREET. THE STATION IS LOCATED 80.50' SOUTHEAST FROM AN X-CUT SET ON TOP OF THE PILE CAP OF A SHEET PILE RETAINING WALL, 89.65' SOUTHEAST FROM AN X-CUT SET ON TOP OF THE PILE CAP OF A SHEET PILE RETAINING WALL, 20.09' SOUTHWEST FROM THE SOUTHWEST CORNER OF A SALT BUILDING AND +/-80' NORTHEAST FROM THE NORTHEAST CORNER OF A BUILDING.

SKETCH AT STATION (NOT TO SCALE)



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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

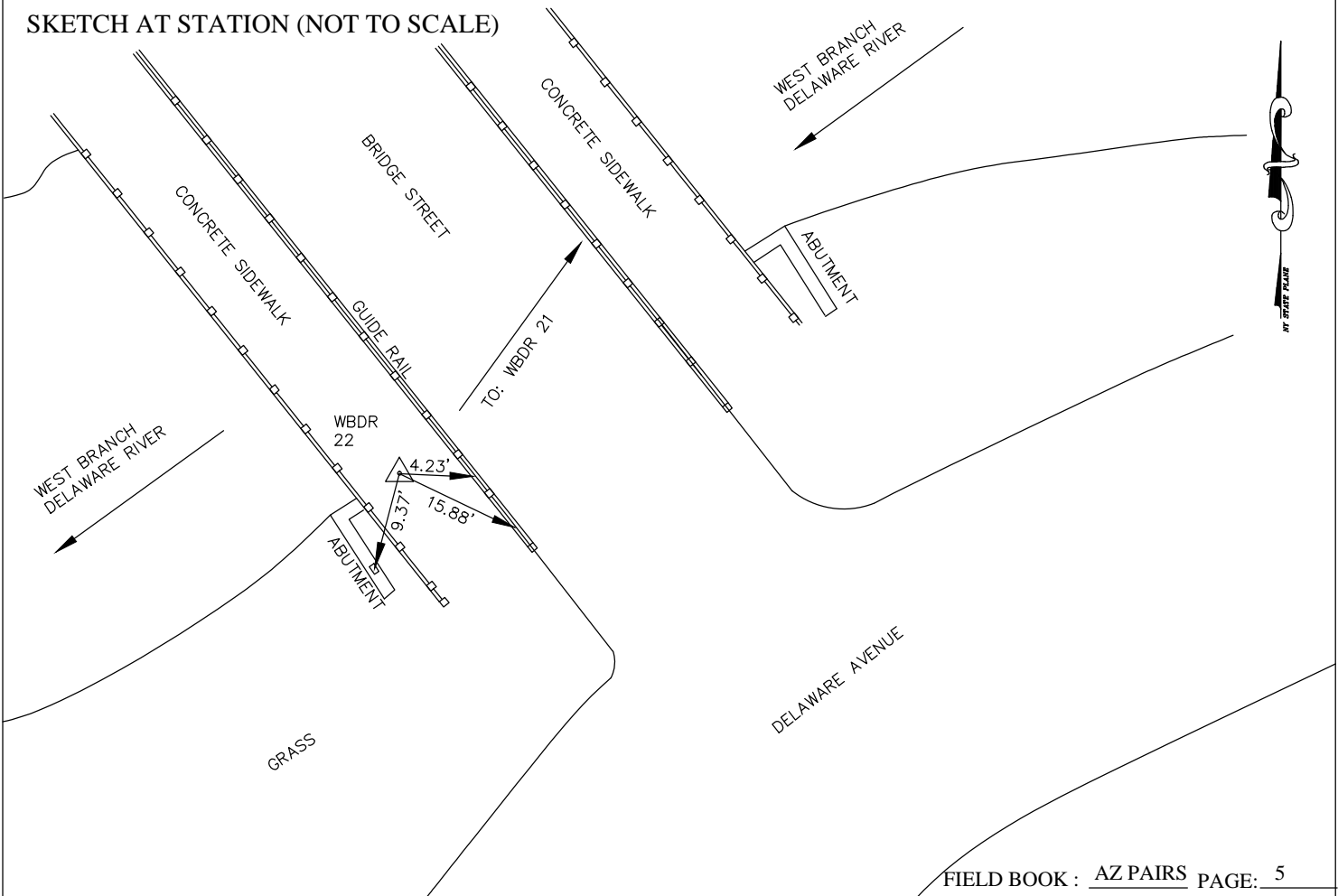
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Delhi, Delaware County NY		NAME OF STATION WBDR 22		MONUMENT TYPE Disk	
NORTH : 1255214.7781 EAST : 380575.6298		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 21	576.80'	N 41°39'33" E	
ELEVATION : 1365.43 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999853670	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 22 IS A DISK SET ON A CONCRETE SIDEWALK NEAR THE SOUTHWEST CORNER OF A BRIDGE CROSSING OVER THE WEST BRANCH DELAWARE RIVER AT THE INTERSECTION OF BRIDGE STREET AND DELAWARE AVENUE. THE STATION IS LOCATED 9.37' NORTHEAST FROM AN X-CUT SET ON THE BOLT AT THE DEDICATION PLATE FOR THE BRIDGE, 4.23' WEST FROM A X-CUT SET ON THE TOP OF A GUIDE RAIL BOLT AND 15.88' NORTHWEST FROM AN X-CUT SET ON THE TOP OF A GUIDE RAIL BOLT.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

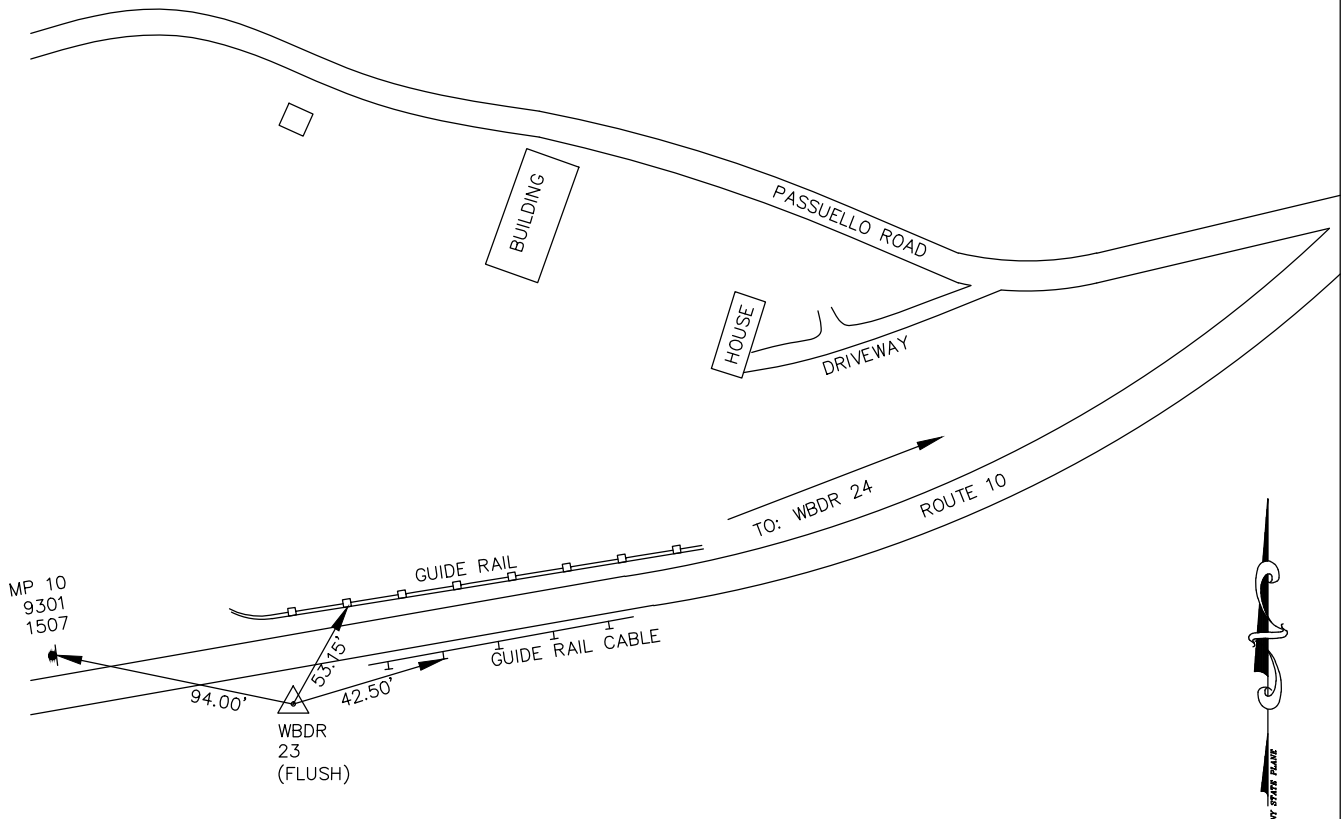
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Bloomville, Delaware County NY		NAME OF STATION WBDR 23		MONUMENT TYPE Bar & Cap	
NORTH : 1269352.8408 EAST : 403859.8875		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 24	1001.14'	N 72°41'47 "E	
ELEVATION : 1409.92		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999846220	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 23 IS A BAR & CAP SET IN GRASS ALONG ROUTE 10, 1100'+/- WESTWERLY FROM THE INTERSECTION OF PASSUELLO ROAD AND ROUTE 10. THE STATION IS LOCATED 94.00' SOUTHEAST FROM THE POST OF MILE POST MARKER 10 9301 1507, 53.15' SOUTHWEST FROM AN X-CUT SET ON THE SECOND GUIDE RAIL POST AND 42.50' SOUTHWEST FROM AN X-CUT SET ON THE SECOND GUIDE RAIL CABLE POST .

SKETCH AT STATION (NOT TO SCALE)



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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

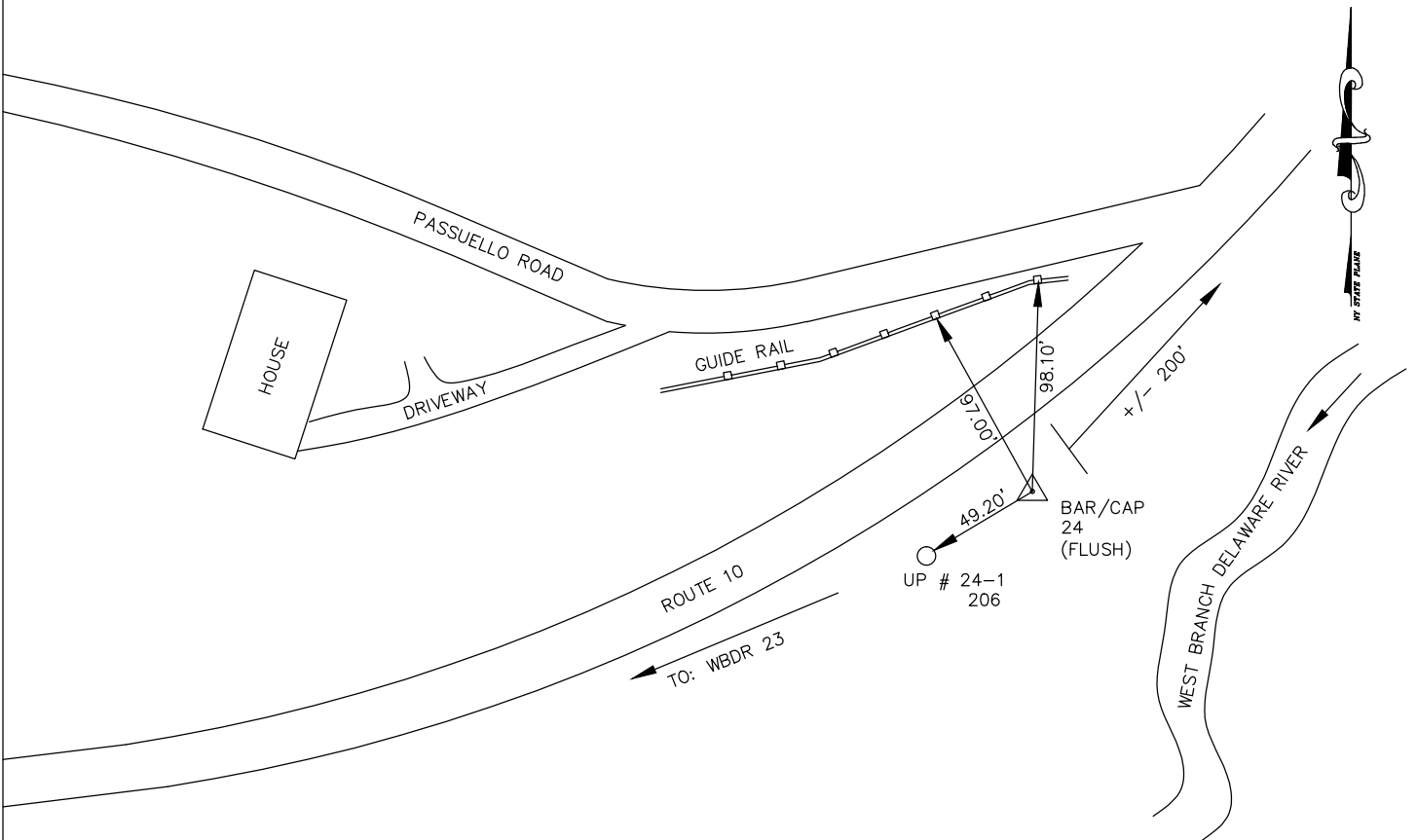
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Blomville, Delaware County NY		NAME OF STATION WBDR 24		MONUMENT TYPE Bar & Cap	
NORTH : 1269650.6157 EAST : 404815.7223		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 23	1001.14'	S 72°41'47" W	
ELEVATION : 1428.92		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999845120	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

WBDR 24 IS A BAR & CAP SET IN GRASS ALONG ROUTE 10, 200'+/- SOUTHERLY FROM THE INTERSECTION OF PASSUELLO ROAD AND ROUTE 10. THE STATION IS LOCATED 97.00' SEASANT FROM A "PK" NAIL SET ON TOP OF WOOD GUIDE RAIL POST, 98.10' SOUTH FROM A "PK" NAIL SET IN TOP OF WOOD GUIDE RAIL POST AND 49.20' NORTHEAST FROM PK SET IN A UTILITY POLE (#24-1 206).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

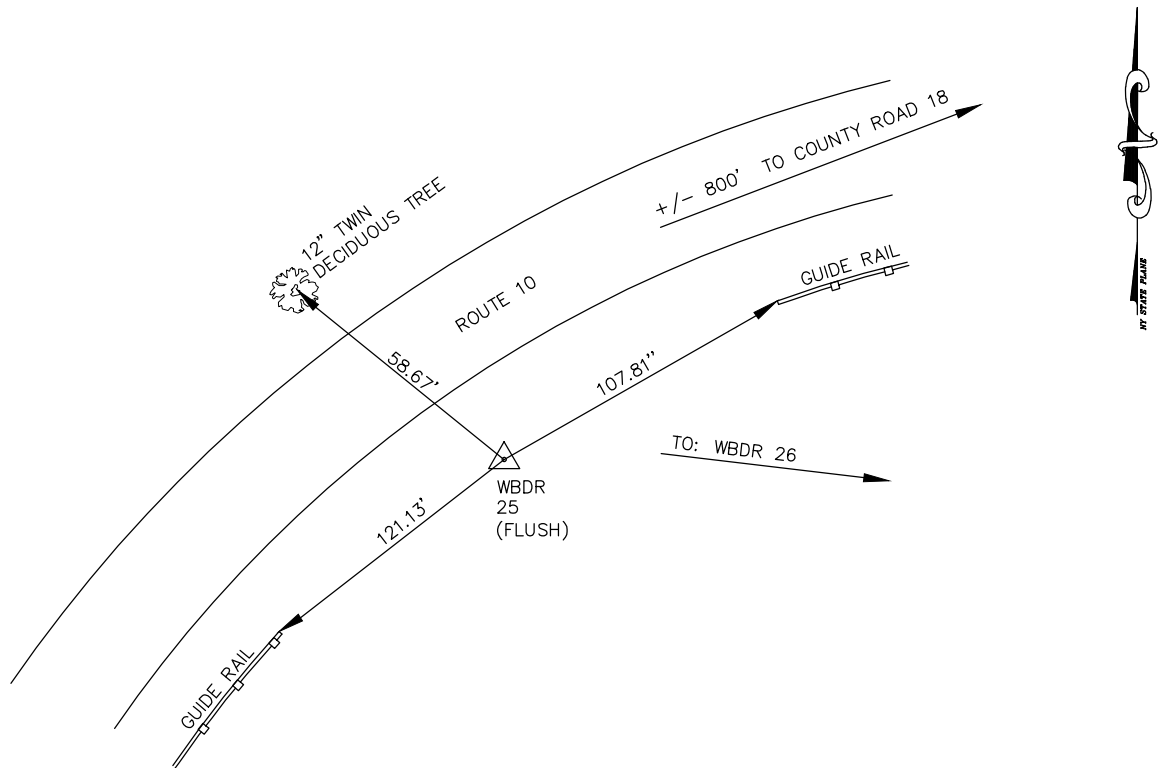
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY South Kortright, Delaware County NY		NAME OF STATION WBDR 25		MONUMENT TYPE Bar & Cap	
NORTH : 1279103.2271 EAST : 432011.1475		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 26	715.63'	S 76°34'10" E	
ELEVATION : 1513.12 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999836510	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 25 IS A BAR & CAP SET IN GRASS ALONG ROUTE 10, 800'+/- WESTERLY FROM THE INTERSECTION OF ROUTE 10 AND COUNTY ROAD 18. THE STATION IS LOCATED 58.67' SOUTHEAST FROM A "PK" NAIL SET IN A TWIN DECIDUOUS TREE, 121.13' NORTHEAST FROM AN X-CUT SET ON TOP OF A BOLT AT THE END OF A GUIDE RAIL AND 107.81' SOUTHWEST FROM AN X-CUT SET ON TOP OF A BOLT AT THE END OF A GUIDE RAIL.

SKETCH AT STATION (NOT TO SCALE)



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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

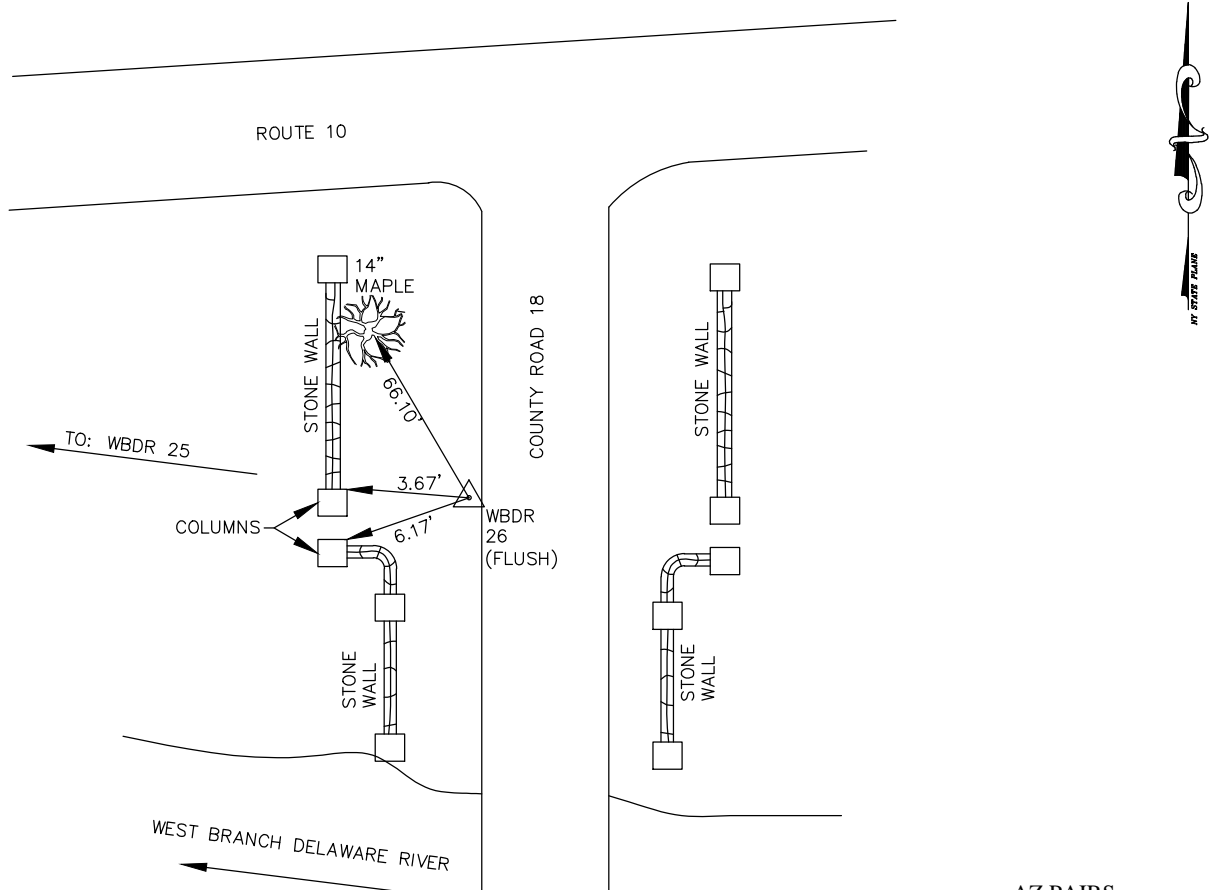
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY South Kortright, Delaware County NY		NAME OF STATION WBDR 26		MONUMENT TYPE Bar & Cap	
NORTH : 1278937.0099 EAST : 432707.2090 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 25	715.63'	N 76°34'10" W	
ELEVATION : 1512.76 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999836430	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 26 IS A BAR & CAP SET IN GRASS NEAR THE NORTHWEST CORNER OF A BRIDGE CROSSING OVER WEST BRANCH DELAWARE RIVER AT THE INTERSECTION OF COUNTY ROAD 18 AND ROUTE 10. THE STATION IS LOCATED 66.10' SOUTHEAST FROM A "PK" NAIL SET IN A 14" MAPLE TREE, 3.67' EAST FROM THE NORTHEAST CORNER OF A STONE COLUMN AND 6.17' NORTHEAST FROM THE NORTHEAST CORNER OF A STONE COLUMN.

SKETCH AT STATION (NOT TO SCALE)



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 Tel. 908.850.3366

PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

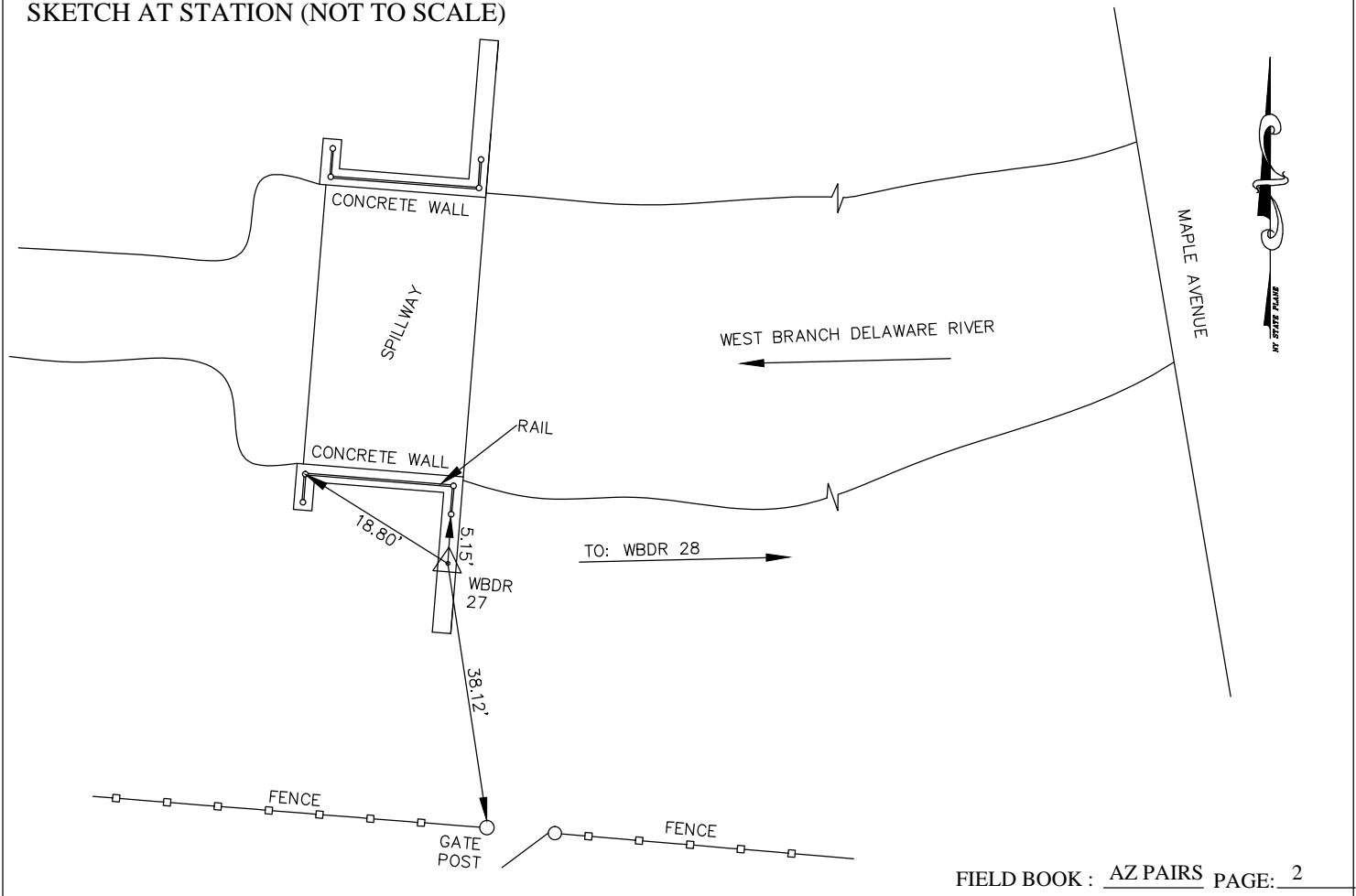
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hobart, Delaware County NY		NAME OF STATION WBDR 27		MONUMENT TYPE Disk	
NORTH : 1288691.7816 EAST : 445620.7867 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 28	639.67'	N 70°25'03" E	
ELEVATION : 1620.96 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999829700	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 27 IS A DISK SET ON THE TOP OF A CONCRETE WALL OF THE DAM LOCATED +/- 675' WEST (DOWNSTREAM ALONG WEST BRANCH DELAWARE RIVER) OF MAPLE AVENUE. THE STATION IS LOCATED 18.80' SOUTHEAST FROM AN X-CUT SET ON TOP OF A RAIL POST, 5.15' SOUTH FROM AN X-CUT SET AT THE FACE OF RAIL POST AND 38.12' NORTHWEST FROM AN X-CUT SET AT THE FACE OF A GATE POST.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

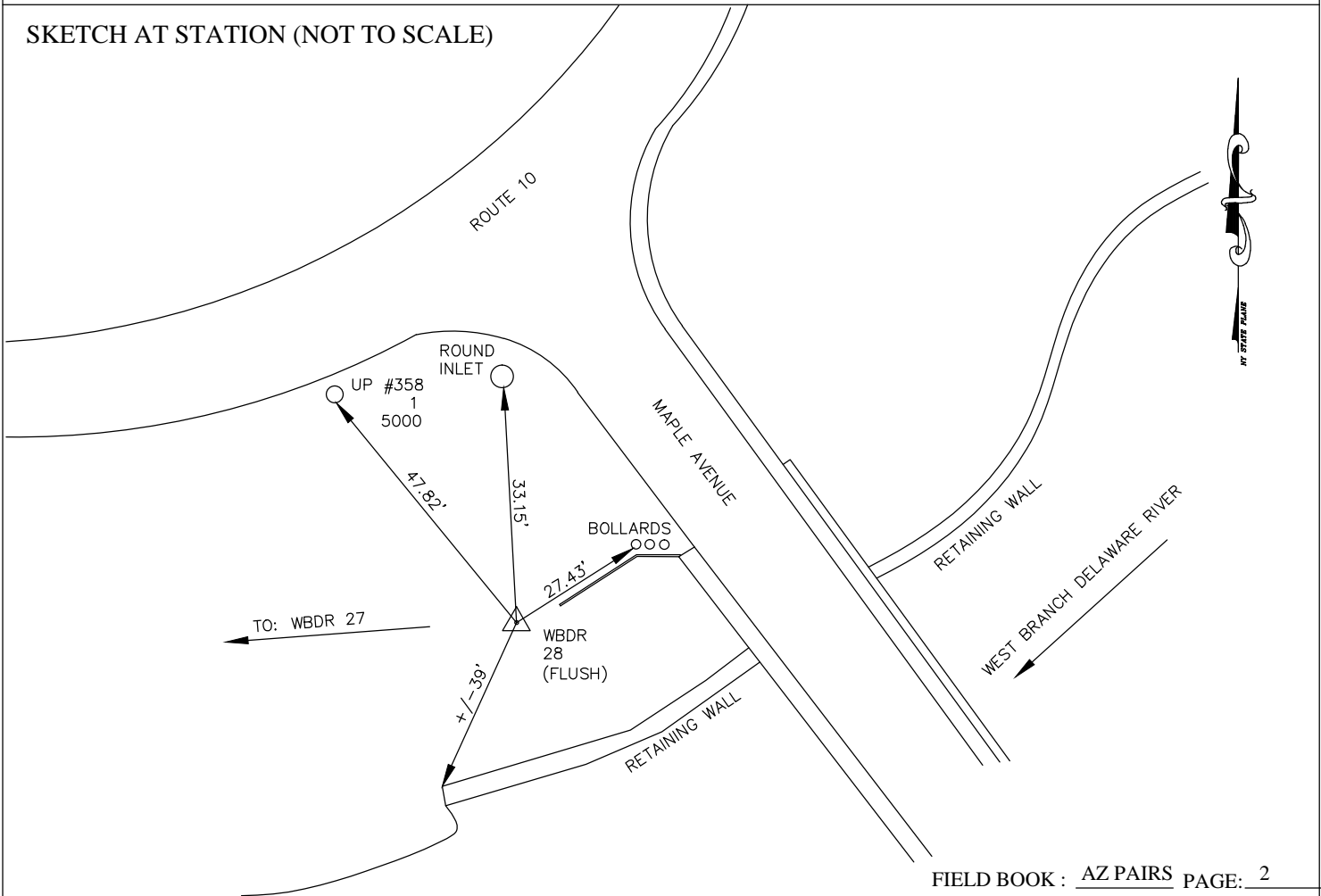
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Hobart, Delaware County NY		NAME OF STATION WBDR 28		MONUMENT TYPE Bar & Cap	
NORTH : 1288906.1754 EAST : 446223.4602 US FOOT		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 27	639.67'	S 70°25'03" W	
ELEVATION : 1630.81 US FOOT		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999829170	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 28 IS A BAR & CAP SET IN GRASS NEAR THE NW CORNER OF BRIDGE CROSSING OVER WEST BRANCH DELAWARE RIVER AT THE INTERSECTION OF MAPLE AVENUE AND ROUTE 10. THE STATION IS LOCATED 47.82' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE (#358 1 500), 33.15' SOUTHERLY FROM X-CUT SET ON THE RIM OF A ROUND INLET, 27.43' SOUTHWEST FROM AN X-CUT SET ON A CONCRETE BOLLARD AND +/-39' NORTHEAST FROM THE NORTHWEST CORNER OF A RETAINING WALL.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

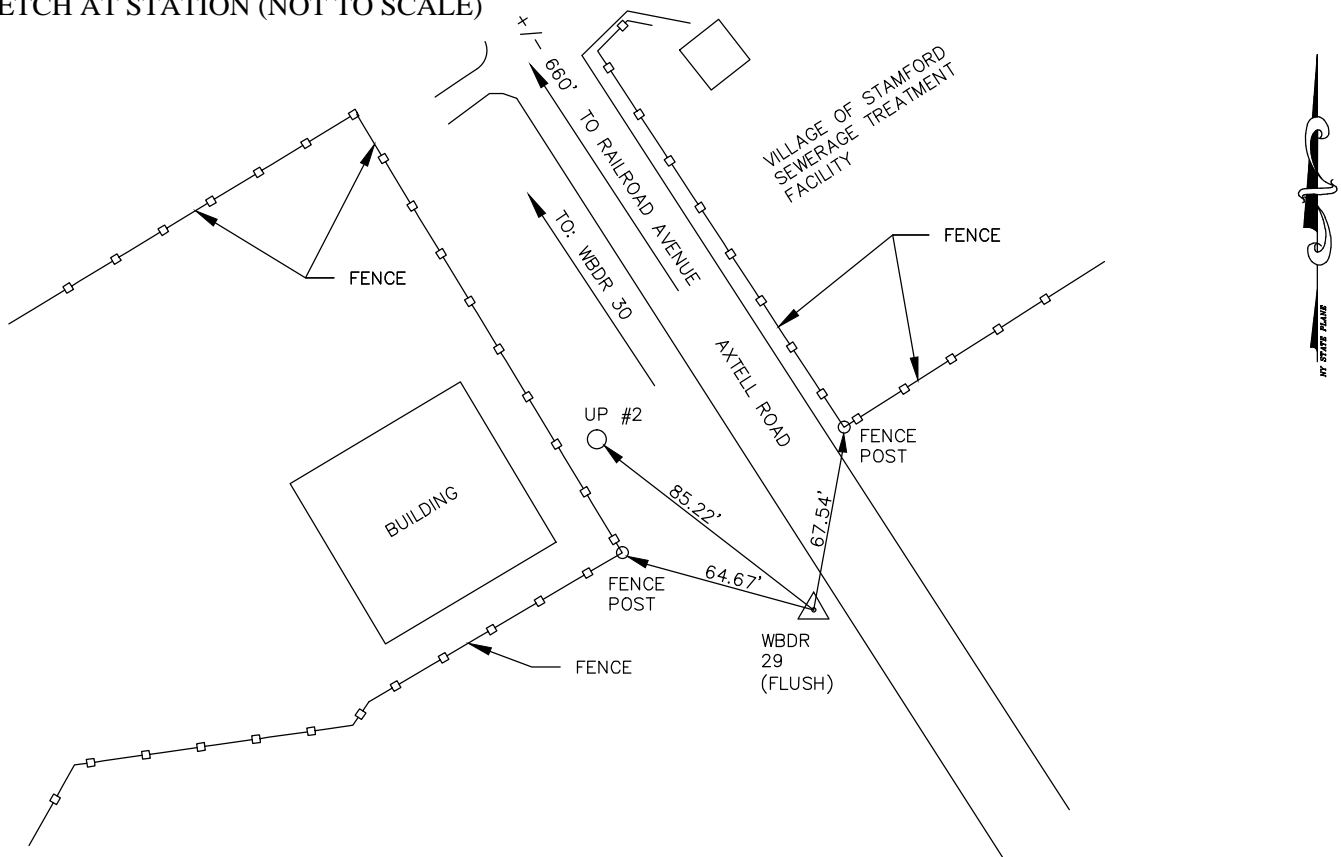
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Stamford, Delaware County NY		NAME OF STATION WBDR 29		MONUMENT TYPE Bar & Cap	
NORTH : 1300137.4867 EAST : 457707.9589		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 30	635.15'	N 25°11'02" W	
ELEVATION : 1739.94		-	COMBINED S.F.	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	0.999822900	-	
YEAR: 2012		-	-	-	

DETAILED DESCRIPTION AT STATION

WBDR 29 IS A BAR & CAP SET IN GRASS ALONG AXTELL ROAD, 660'+/- SOUTHEAST FROM THE INTERSECTION OF AXTELL ROAD AND RAILROAD AVENUE. THE STATION IS LOCATED 64.67' SOUTHEAST FROM AN X-CUT SET AT A CORNER FENCE POST, 85.22' SOUTHEAST FROM "PK" NAIL SET IN A UTILITY POLE (#2) AND 67.54' SOUTHWEST FROM AN X-CUT SET AT A CORNER FENCE POST.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : AZ PAIRS
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : RG
 ORDER OF SURVEY : 2cm

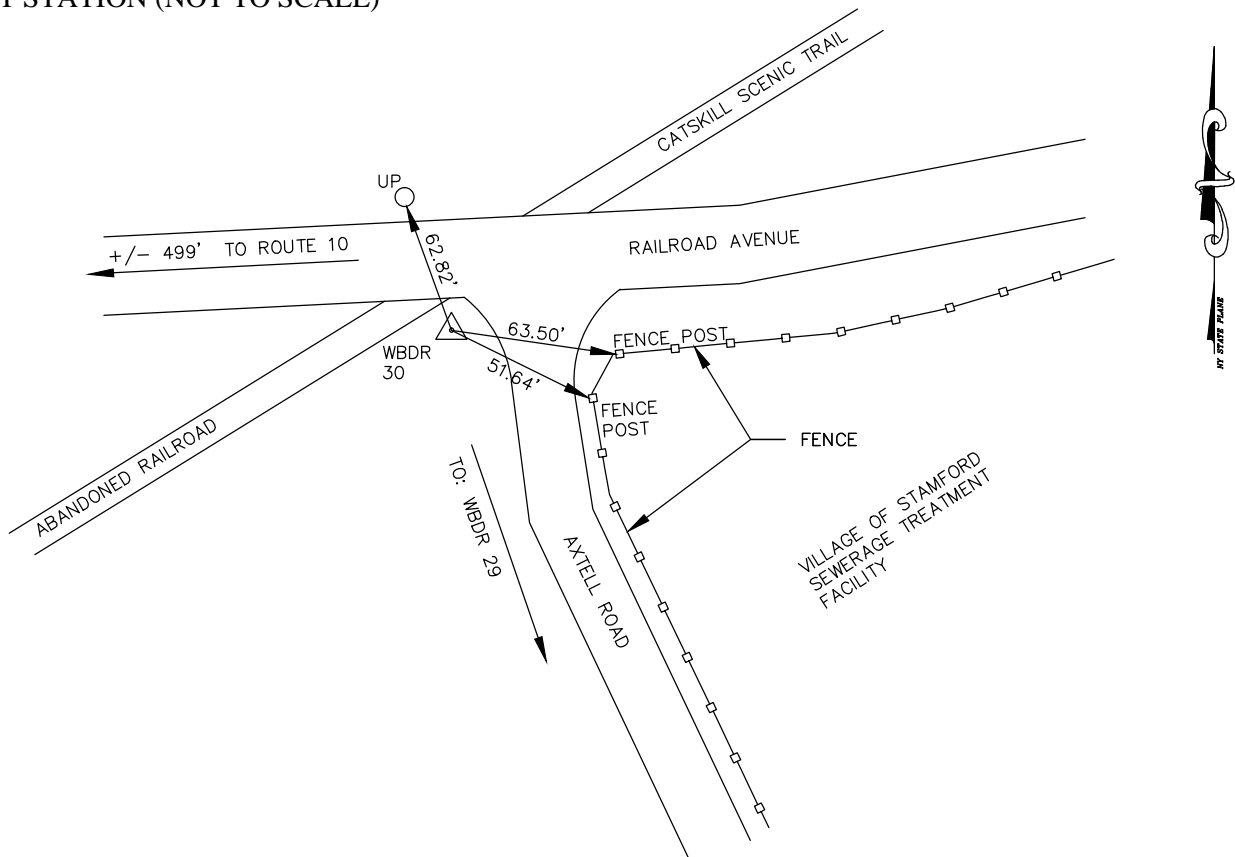
AZ PAIRS SURVEY DATA BASED ON THE NEW YORK STATE EAST COORDINATE SYSTEM

CITY, TOWN OR COUNTY Stamford, Delaware County NY		NAME OF STATION WBDR 30		MONUMENT TYPE Bar & Cap	
NORTH : 1300712.2604 EAST : 457437.6874		US FOOT DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 (Geoid09)		OBJECT	GRID DISTANCE (FT)	GRID BEARING	
HORIZ. DATUM: NAD83(CORS96 Epoch2002.0000)		WBDR 29	635.15'	S 25°11'02" E	
ELEVATION : 1771.43		–	COMBINED S.F.	–	
ESTABLISHED BY: T.Y. Lin International Medina		–	0.999821420	–	
YEAR: 2012		–	–	–	

DETAILED DESCRIPTION AT STATION

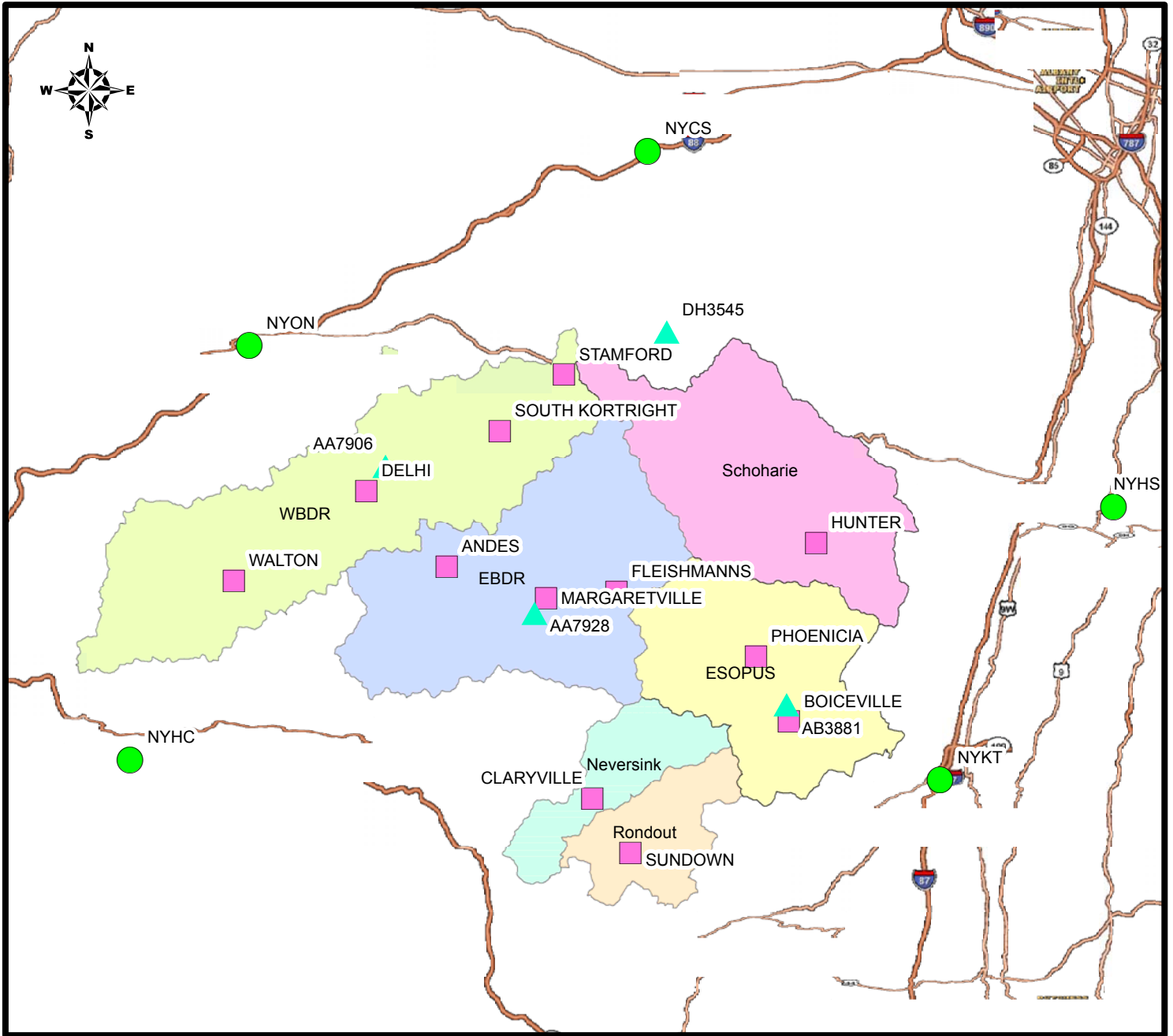
WBDR 30 IS A BAR & CAP SET IN GRASS SOUTHWESTERLY OF THE INTERSECTION OF RAILROAD AVENUE AND AXTELL ROAD. THE STATION IS LOCATED 62.82' SOUTHEAST FROM A "PK" NAIL SET IN A UTILITY POLE, 63.50' WESTERLY FROM AN X-CUT SET ON THE FACE OF A FENCE POST AND 51.64' NORTHWESTERLY FROM AN X-CUT SET ON THE FACE OF A FENCE POST.

SKETCH AT STATION (NOT TO SCALE)



APPENDIX _ A

WOH Primary Control Map



Legend

- CORS
- CBNCS
- TY_Lin_Primary Base
- EBDR_Watershed
- Esopus_Watershed
- Neversink_Watershed
- Rondout_Watershed
- Schoharie_Watershed
- WBDR_Watershed

SURVEY CONTROL DATA SHEETS FOR PRIMARY BASE STATIONS

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Tel. 908.850.3366

PROJECT : 370156
PROJECT AREA : FEMA - NYCDEP
CHIEF OF PARTY : KO
ORDER OF SURVEY : 2cm

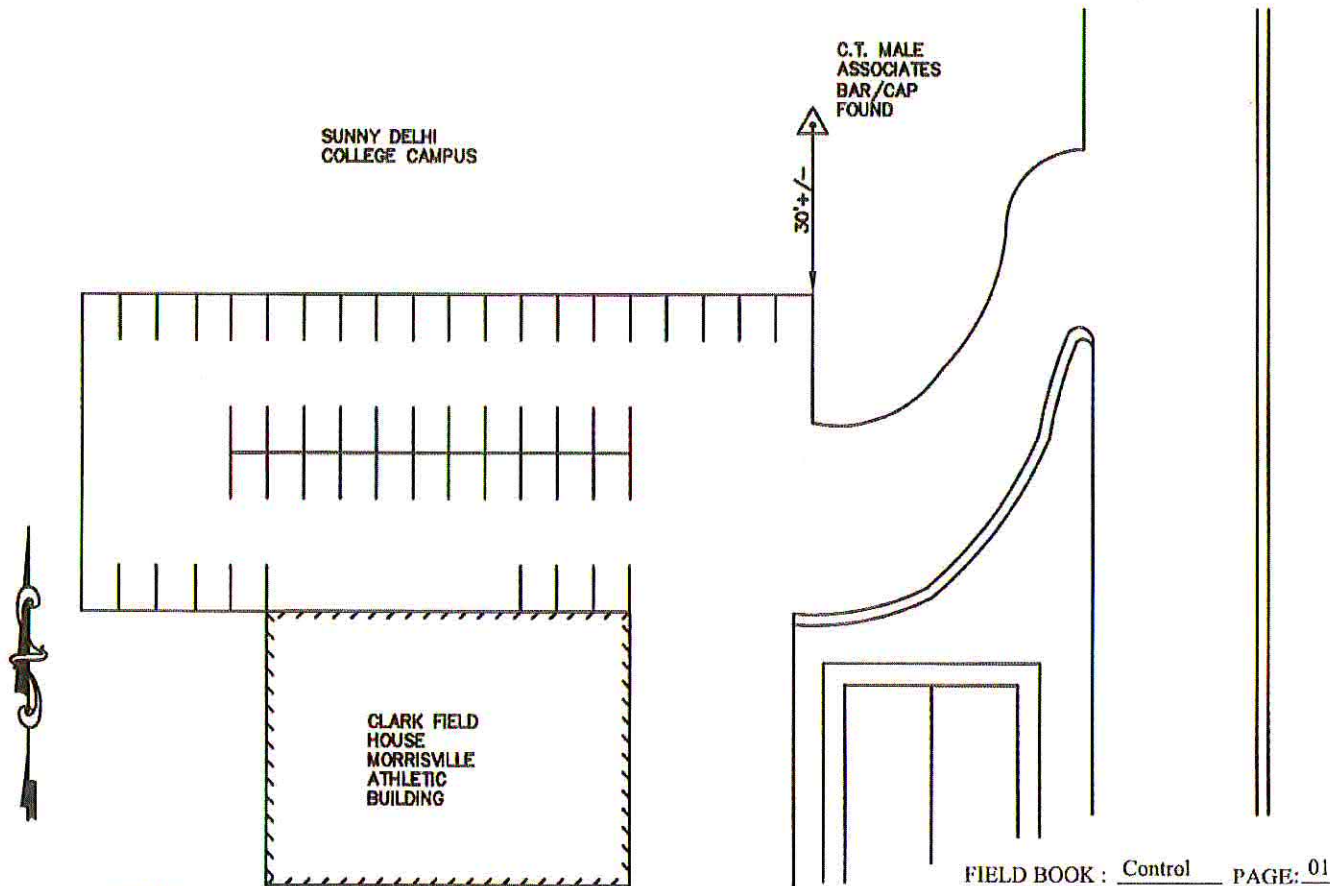
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Delhi, Delaware County NY		NAME OF STATION Delhi		MONUMENT TYPE Bar & Cap
NORTH : 1252952.49 EAST : 376626.39		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-
ELEVATION : 1555.41		-	-	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2011	-	-	-
		-	-	-

DETAILED DESCRIPTION AT STATION

DELHI IS A CAP & BAR FOUND AT THE TOP OF A KNOLL AT SUNY DELHI COLLEGE +/- 30' NORTH FROM THE NORTHEAST CORNER OF THE PARKING LOT FOR THE " CLARK FIELD HOUSE" ATHLETIC BUILDING. TO GAIN ACCESS TO STATION PLEASE CALL DAVID LOVELAND @ 607-746-4013.

SKETCH AT STATION (NOT TO SCALE)



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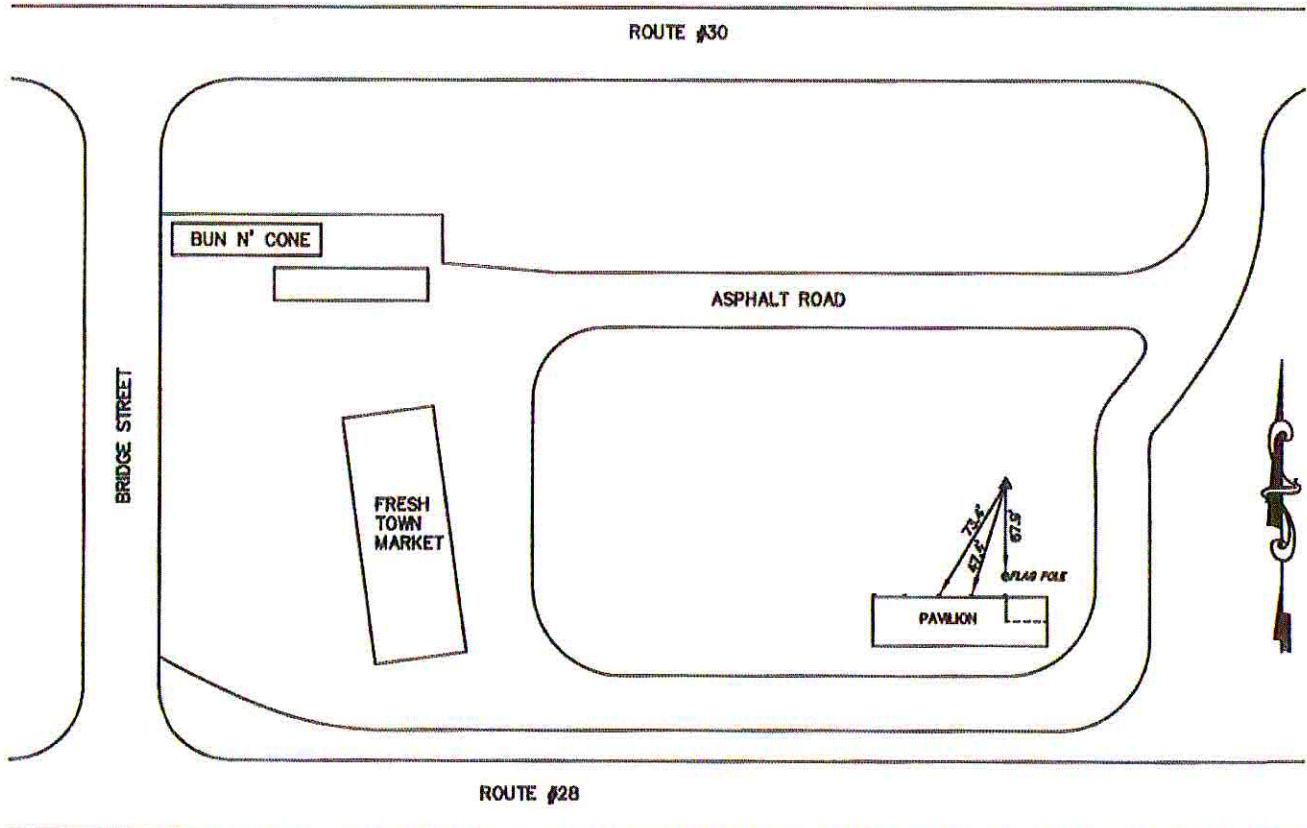
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Margaretville, Delaware County NY		NAME OF STATION Margaretville		MONUMENT TYPE Bar & Cap
NORTH: 1207773.59 EAST: 452750.08		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-
ELEVATION: 1317.49		-	-	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR 2011	-	-	-
		-	-	-

DETAILED DESCRIPTION AT STATION
 MARGARETVILLE IS A SURVEY BAR & CAP SET IN THE GRASS BEHIND THE FRESHTOWN SUPER MARKET NORTH OF A THE NORTH SIDE A A PAVILION. THE STATION IS LOCATED 54.8' NORTH FROM A FLAGPOLE (1' ABOVE GRADE), 68.06' NORTHEAST FROM A WOODEN COLUMN (1' ABOVE GRADE) AND 73.4' NORTHEAST FROM A WOODEN COLUMN (1' ABOVE GRADE).

SKETCH AT STATION (NOT TO SCALE)



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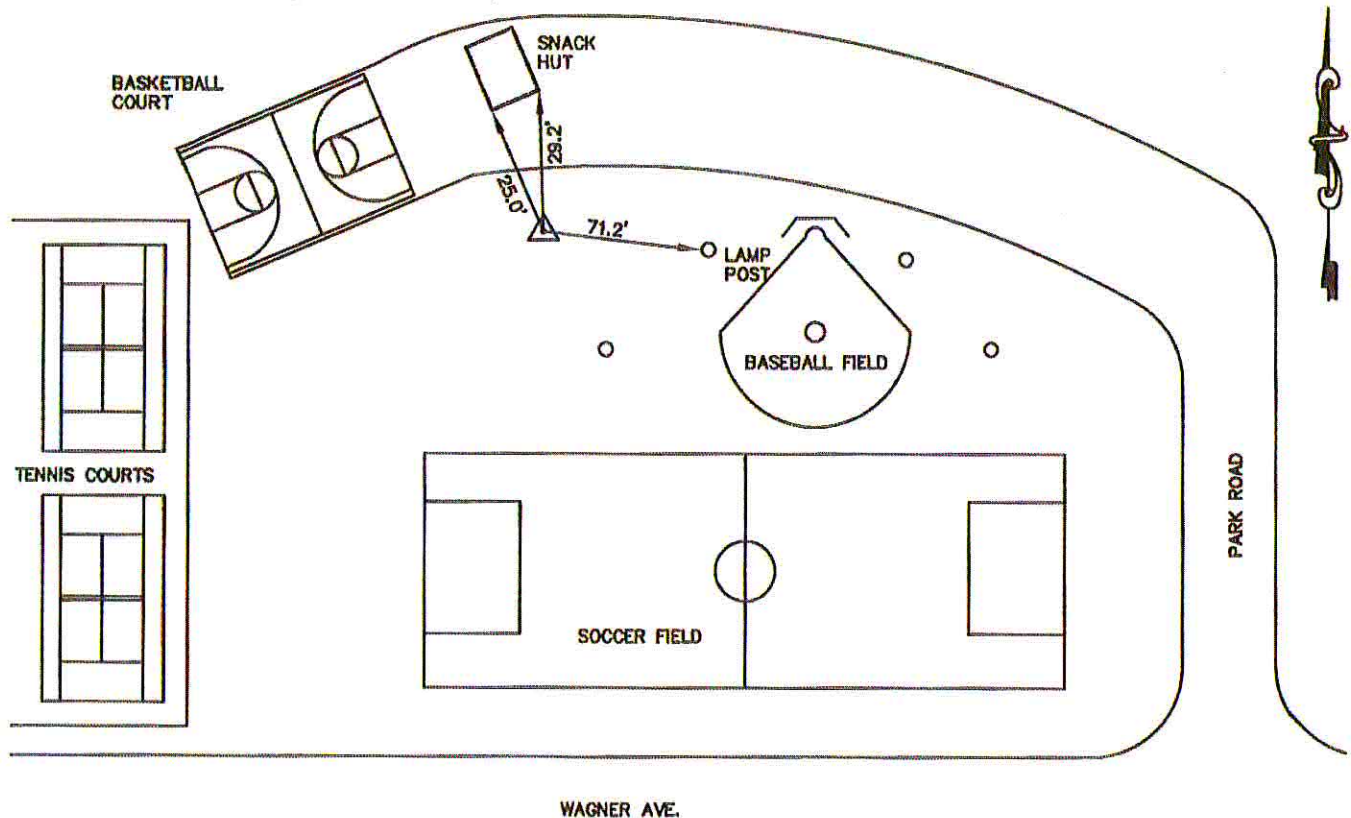
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Fleischmanns, Delaware County NY		NAME OF STATION Fleischmanns		MONUMENT TYPE Bar & Cap
NORTH: 1210475.36	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
EAST: 482605.00				
VERT. DATUM: NAVD88	OBJECT	DISTANCE (METERS)	GRID BEARING	
HORIZ. DATUM: NAD83 NY SP EAST	N/A	-	-	
ELEVATION: 1488.67	-	-	-	
ESTABLISHED BY: T.Y. Lin International Medina	YEAR: 2011	-	-	
		-	-	

DETAILED DESCRIPTION AT STATION
 FLEISCHMANN'S IS A SURVEY BAR & CAP SET IN THE GRASS AT FLEISCHMANN'S PARK SOUTH OF THE SNACK HUT. THE STATION IS LOCATED 25.0' SOUTH FROM THE SOUTHWEST CORNER OF BUILDING (SNACK HUT), THE STATION IS LOCATED 29.0' SOUTH FROM THE SOUTHWEST CORNER OF BUILDING (SNACK HUT) AND 71.2' WEST FROM A PK SET IN A LAMP POST (1' ABOVE GRADE) FOR THE BASEBALL FIELD.

SKETCH AT STATION (NOT TO SCALE)



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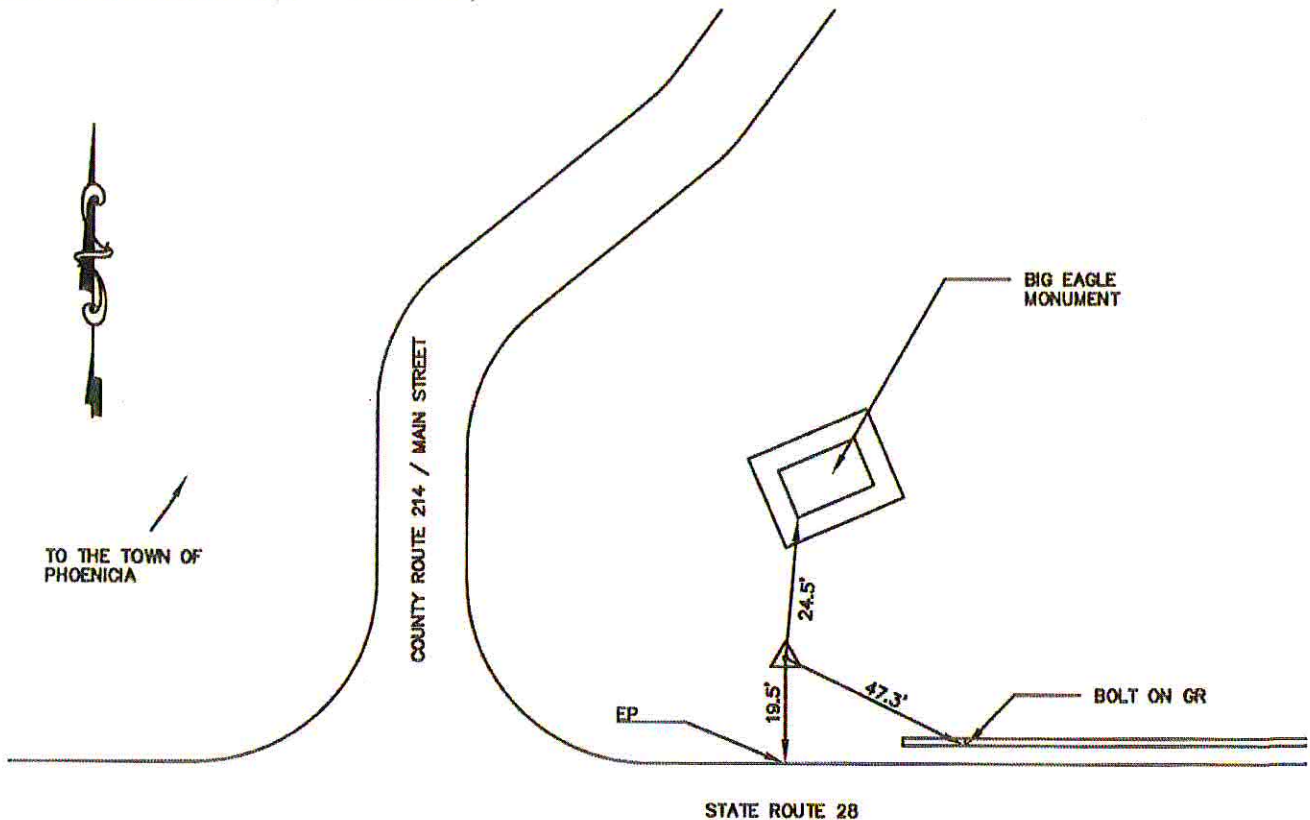
PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Phoenicia, Ulster County NY		NAME OF STATION Phoenicia		MONUMENT TYPE Bar & Cap
NORTH : 11832176.96	DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
EAST : 541632.63				
VERT. DATUM: NAVD88	OBJECT	DISTANCE (METERS)	GRID BEARING	
HORIZ. DATUM: NAD83 NY SP EAST	N/A	-	-	
ELEVATION : 836.33	-	-	-	
ESTABLISHED BY:	YEAR	-	-	
T.Y. Lin International Medina	2011	-	-	

DETAILED DESCRIPTION AT STATION
 PHOENICIA IS A SURVEY BAR & CAP SET IN THE GRASS ON THE NORTHEAST CORNER OF ROUTE 28 AND ROUTE 214/MAIN STREET INTERSECTION. THE STATION IS LOCATED 24.5' SOUTH FROM THE SOUTH CORNER OF AN EAGLE MONUMENT FOR THE TOWN OF PHOENICIA, THE STATION IS LOCATED 19.5' NORTH FROM THE EDGE OF PAVEMENT FOR STATE ROUTE 28 AND 47.3' NORTHWEST FROM A BOLT ON A GUIDE RAIL FOR STATE ROUTE 28.

SKETCH AT STATION (NOT TO SCALE)



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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

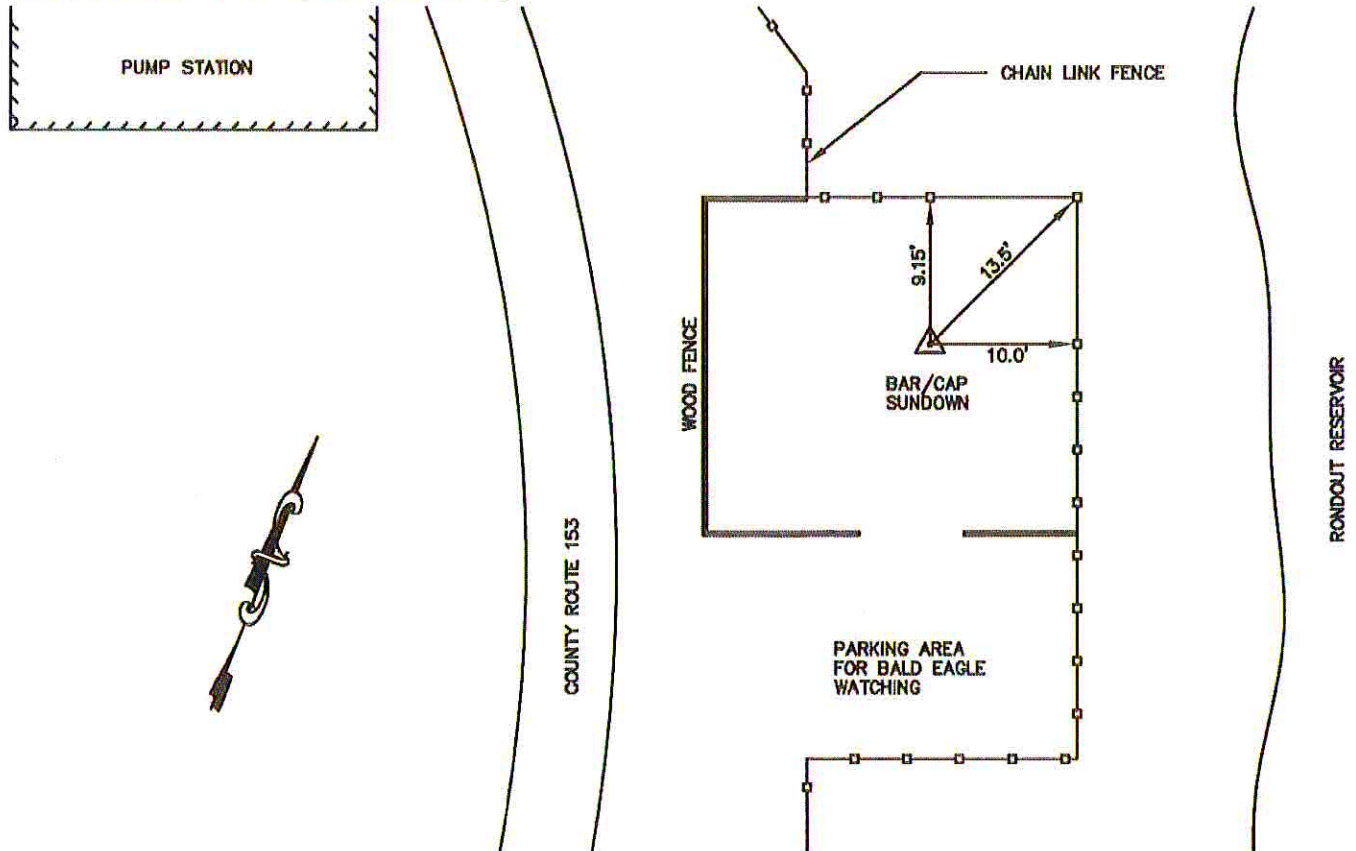
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Sundown, Sullivan County NY		NAME OF STATION Sundown		MONUMENT TYPE Bar & Cap	
NORTH : 1100055.96 EAST : 488459.78		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 HORIZ. DATUM: NAD83 NY SP EAST		OBJECT	DISTANCE (METERS)	GRID BEARING	
ELEVATION : 858.05		N/A	-	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2011		-	
		-	-	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

SUNDOWN IS A SURVEY BAR & CAP SET IN THE GRASS IN A FENCED IN AREA FOR AMERICAN BALD EAGLE WATCHING WEST OF THE RONDOUT RESERVOIR ALONG COUNTY ROUTE 153. THE STATION IS LOCATED 9.15' SOUTHWEST FROM AN X-CUT ON A METAL FENCE POST FOR THE RONDOUT RESERVOIR, THE STATION IS LOCATED 13.5' SOUTHWEST FROM AN X-CUT ON A METAL FENCE POST FOR THE RONDOUT RESERVOIR, AND THE STATION IS LOCATED 10.0' WEST FROM AN X-CUT ON A METAL FENCE POST FOR THE RONDOUT RESERVOIR.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

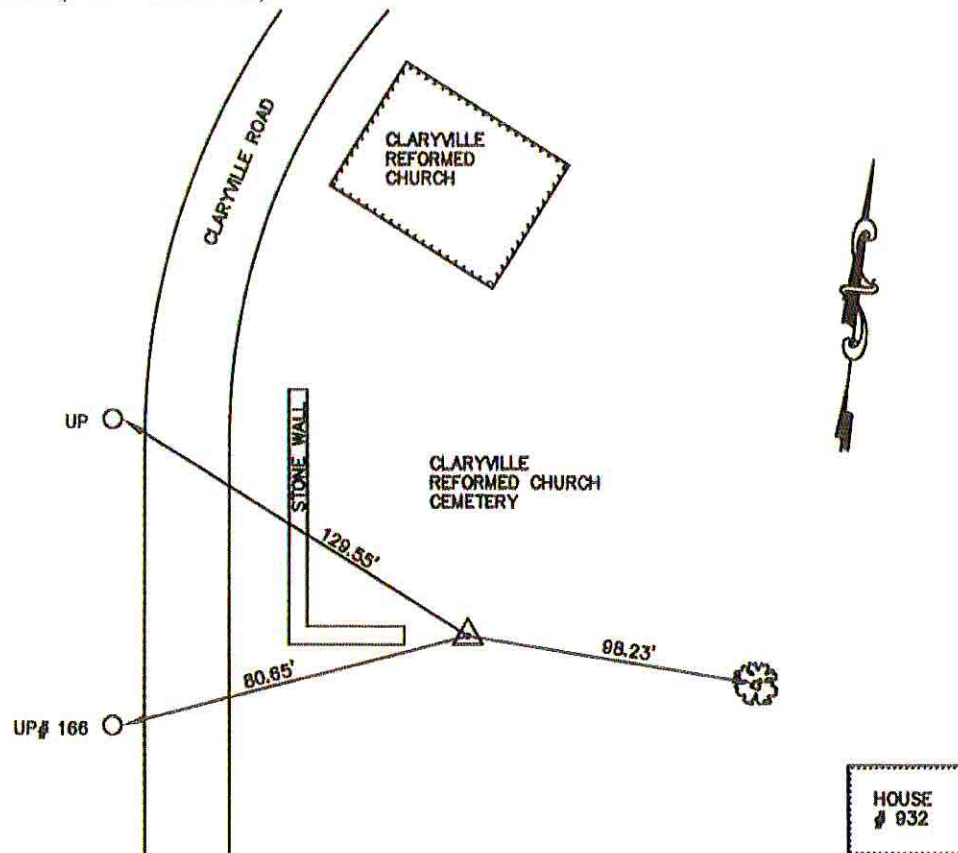
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Claryville, Ulster County NY		NAME OF STATION Claryville		MONUMENT TYPE Bar & Cap
NORTH : 1122994.59 EAST : 472310.71		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-
ELEVATION : 1617.20		-	-	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR: 2011	-	-	-
		-	-	-

DETAILED DESCRIPTION AT STATION

CLARYVILLE IS A SURVEY BAR & CAP SET IN THE GRASS +/- 3' EAST OF THE END OF A STONE WALL ON THE SOUTH SIDE OF THE CLARYVILLE REFORMED CHURCH CEMETERY. THE STATION IS LOCATED SOUTHEAST 129.55' FROM A PK NAIL SET 3' ABOVE GRADE ON A UTILITY POLE, 98.23' EAST FROM A PK NAIL SET IN A TREE 3' ABOVE GARDE, AND 80.65' NORTHEAST FROM A PK NAIL SET 3' ABOVE GARDE ON A UTILITY POLE # 166.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

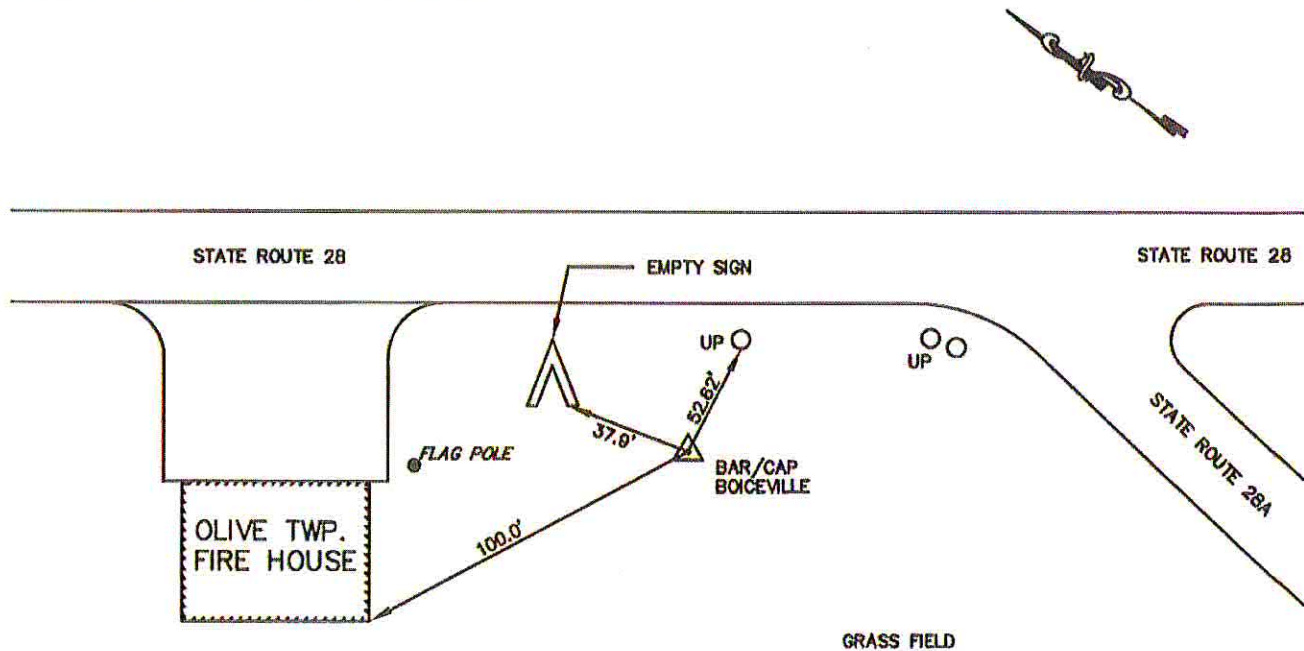
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Boiceville, Ulster County NY		NAME OF STATION Boiceville		MONUMENT TYPE Bar & Cap	
NORTH : 1155600.58 EAST : 555590.98		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 HORIZ. DATUM: NAD83 NY SP EAST		OBJECT	DISTANCE (METERS)	GRID BEARING	
ELEVATION : 624.21		N/A	-	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2011		-	
		-	-	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

BOICEVILLE IS A SURVEY BAR & CAP SET IN A GRASS FIELD ON THE SOUTH SIDE OF THE OLIVE FIRE DEPARTMENT FIRE HOUSE. THE STATION IS LOCATED 100' NORTHEAST OF THE SOUTHWEST CORNER OF THE OLIVE FIRE HOUSE, 37.9' SOUTHEAST FROM A V - SHAPED SIGN (EMPTY), AND 52.62' SOUTHWEST FROM A PK SET 1' ABOVE GRADE IN A UTILITY POLE.

SKETCH AT STATION (NOT TO SCALE)



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PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

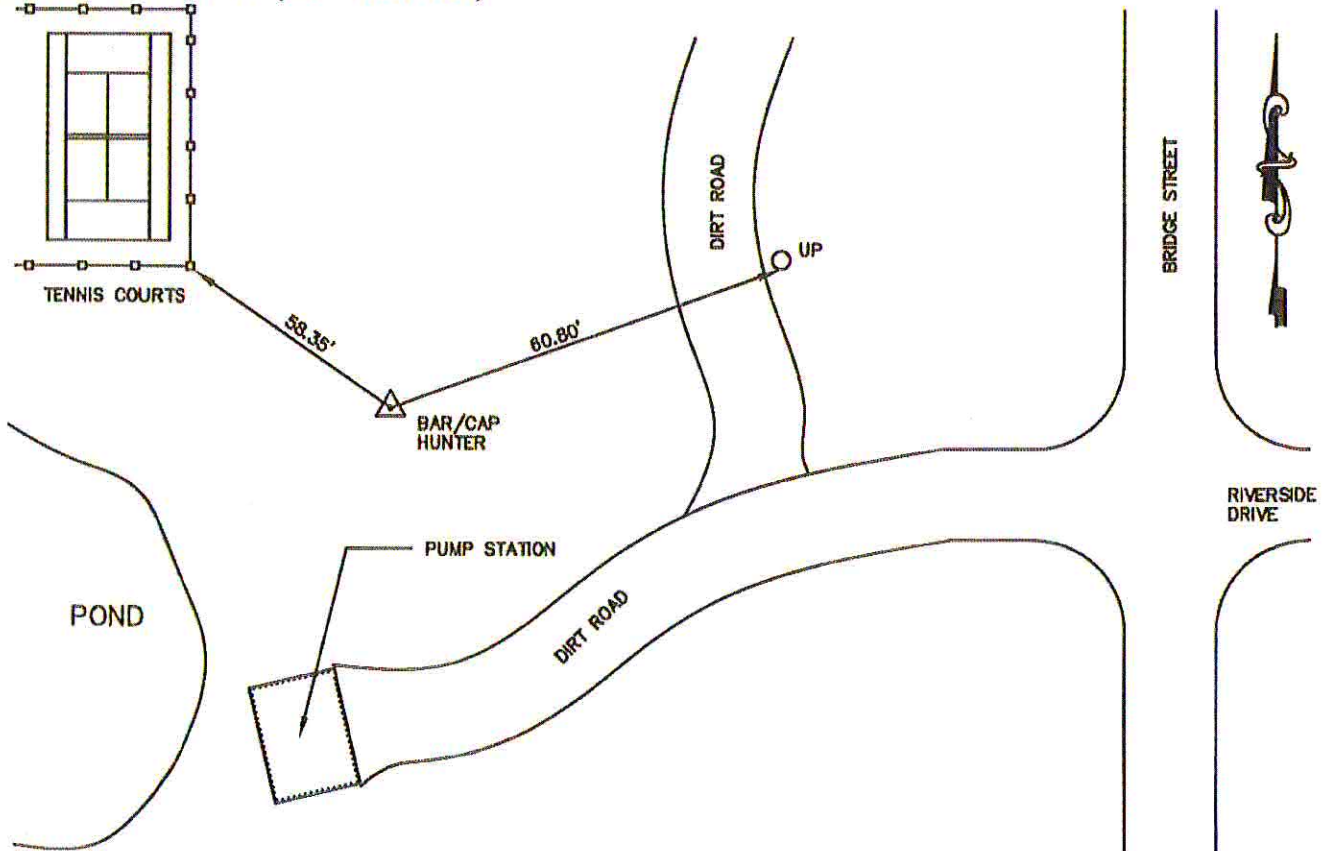
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Hunter, Ulster County NY		NAME OF STATION Hunter		MONUMENT TYPE Bar & Cap	
NORTH : 1231139.96 EAST : 567156.55		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING	
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-	
ELEVATION : 1596.76		-	-	-	
ESTABLISHED BY: T.Y. Lin International Medina		-	-	-	
YEAR: 2011		-	-	-	

DETAILED DESCRIPTION AT STATION

HUNTER IS A SURVEY BAR & CAP SET IN A GRASS FIELD ON THE NORHT SIDE OF A DIRT ROAD TO A PUMP STATION AND A POND. THE STATION IS LOCATED 58.35' SOUTHEAST FOR A FENCE POST FOR A TENNIS COURT AND 60.80' SOUTHWEST FROM A PK NAIL SET 2' ABOVE GRADE IN A UTILITY POLE.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
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 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

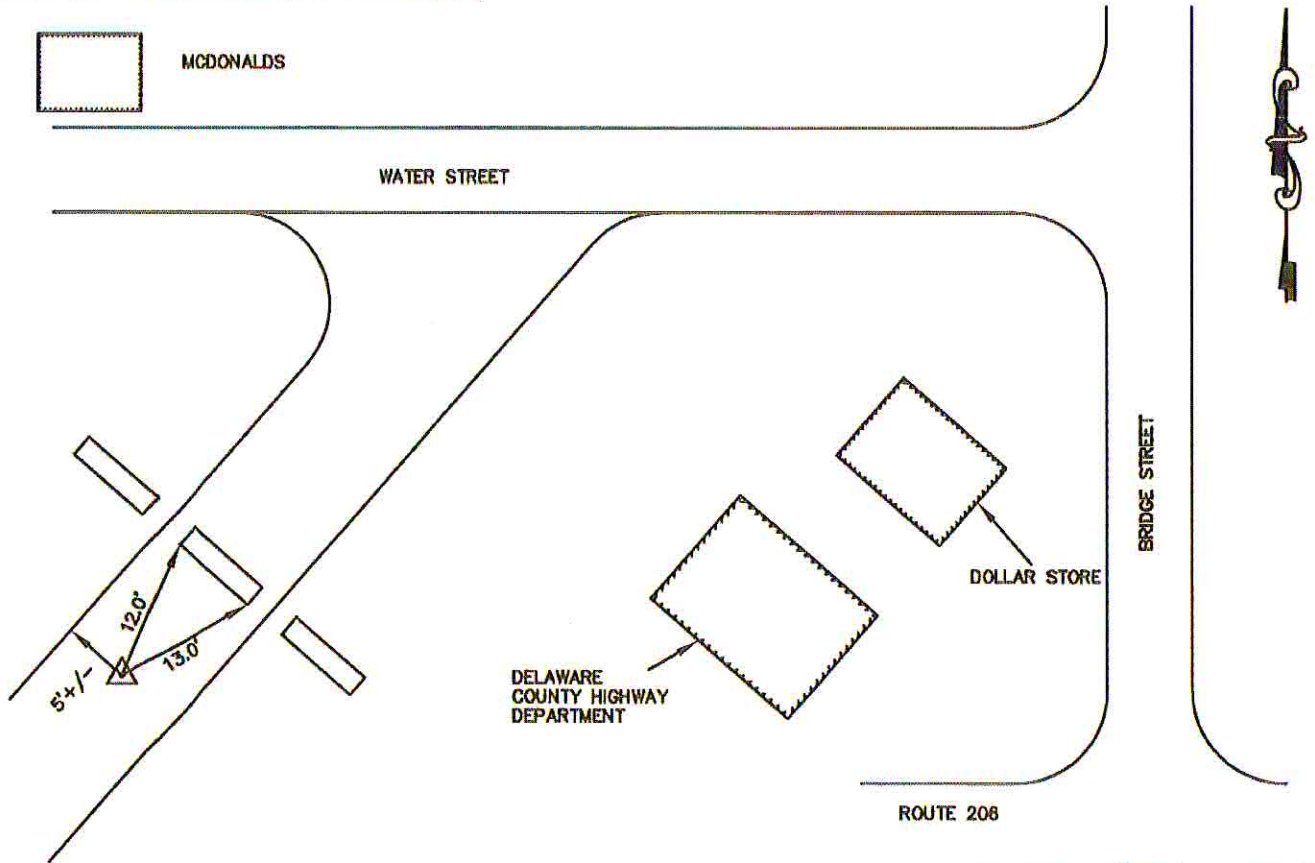
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Walton, Delaware County NY		NAME OF STATION Walton		MONUMENT TYPE Survey Spike	
NORTH : 1215202.37 EAST : 320460.35		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88 HORIZ. DATUM: NAD83 NY SP EAST		OBJECT	DISTANCE (METERS)	GRID BEARING	
ELEVATION : 1207.77		N/A	-	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2011		-	
		-	-	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

WALTON IS A SURVEY SPIKE SET IN A DIRT/ASPHALT ROAD BEHIND THE DELAWARE COUNTY HIGHWAY DEPARTMENT BUILDING. THE STATION IS LOCATED 12' FROM THE SOUTHWEST CORNER OF A JERSEY BARRIER, 13' FROM THE SOUTHEAST CORNER OF A JERSEY BARRIER AND 5'+/- FROM THE EDGE OF DIRT/ASPHALT ROAD.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

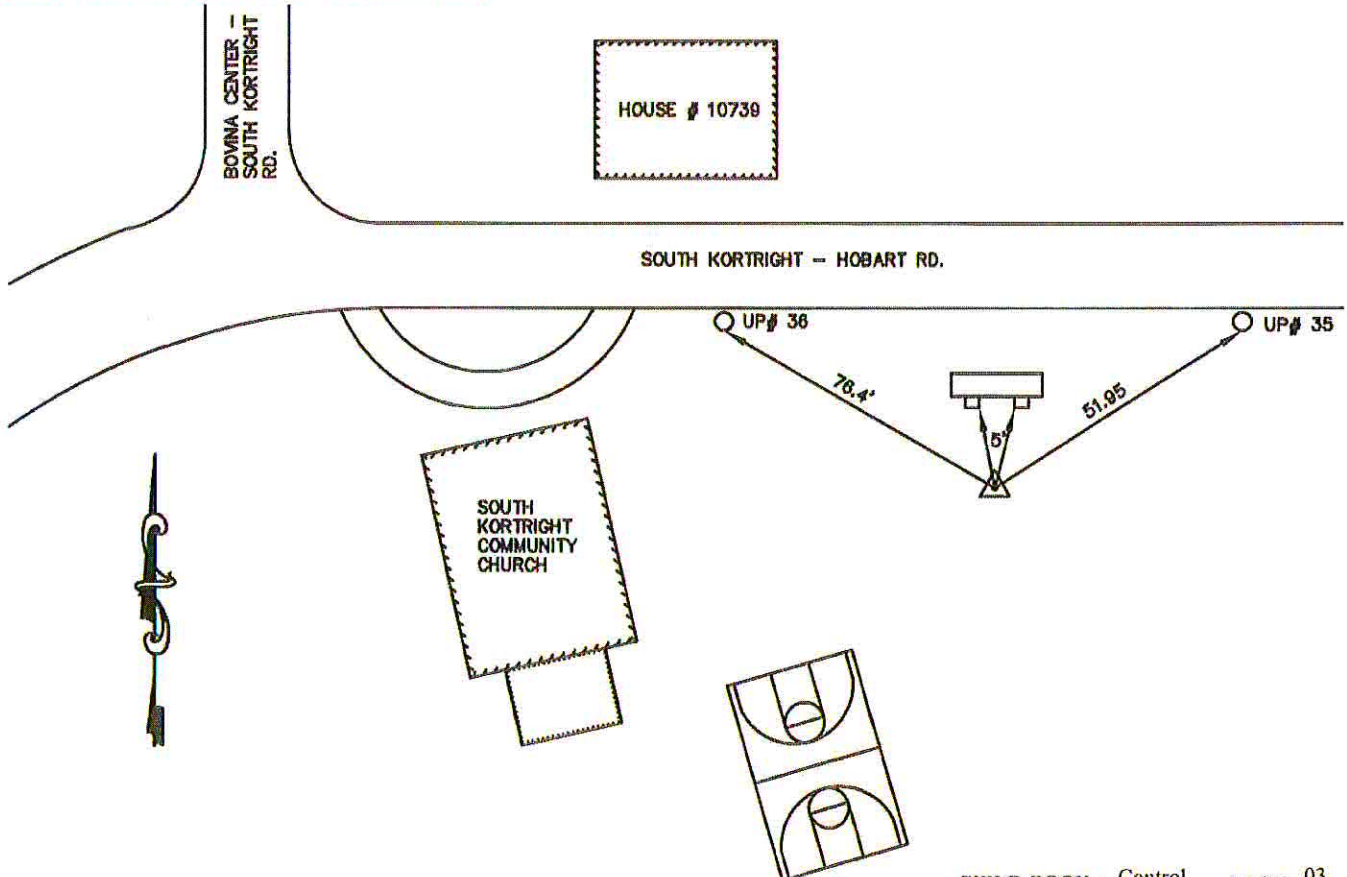
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY South Kortright, Delaware County NY		NAME OF STATION South Kortright		MONUMENT TYPE Bar & Cap
NORTH : 1278322.68 EAST : 433154.73		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-
ELEVATION : 1519.59		-	-	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR: 2011	-	-	-
		-	-	-

DETAILED DESCRIPTION AT STATION

SOUTH KORTRIGHT IS A SURVEY BAR & CAP SET FLUSH IN A GRASS AREA FOR THE SOUTH KORTRIGHT CHURCH. THE STATION IS LOCATED 5' SOUTH FROM A PARK BENCH SUPPORT POST, 76.4' SOUTHEAST FROM A PK SET 1' ABOVE GRADE IN A UTILITY POLE (# 36), AND 51.95' SOUTHWEST FROM A PK SET 1' ABOVE GRADE IN A UTILITY POLE (# 35).

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

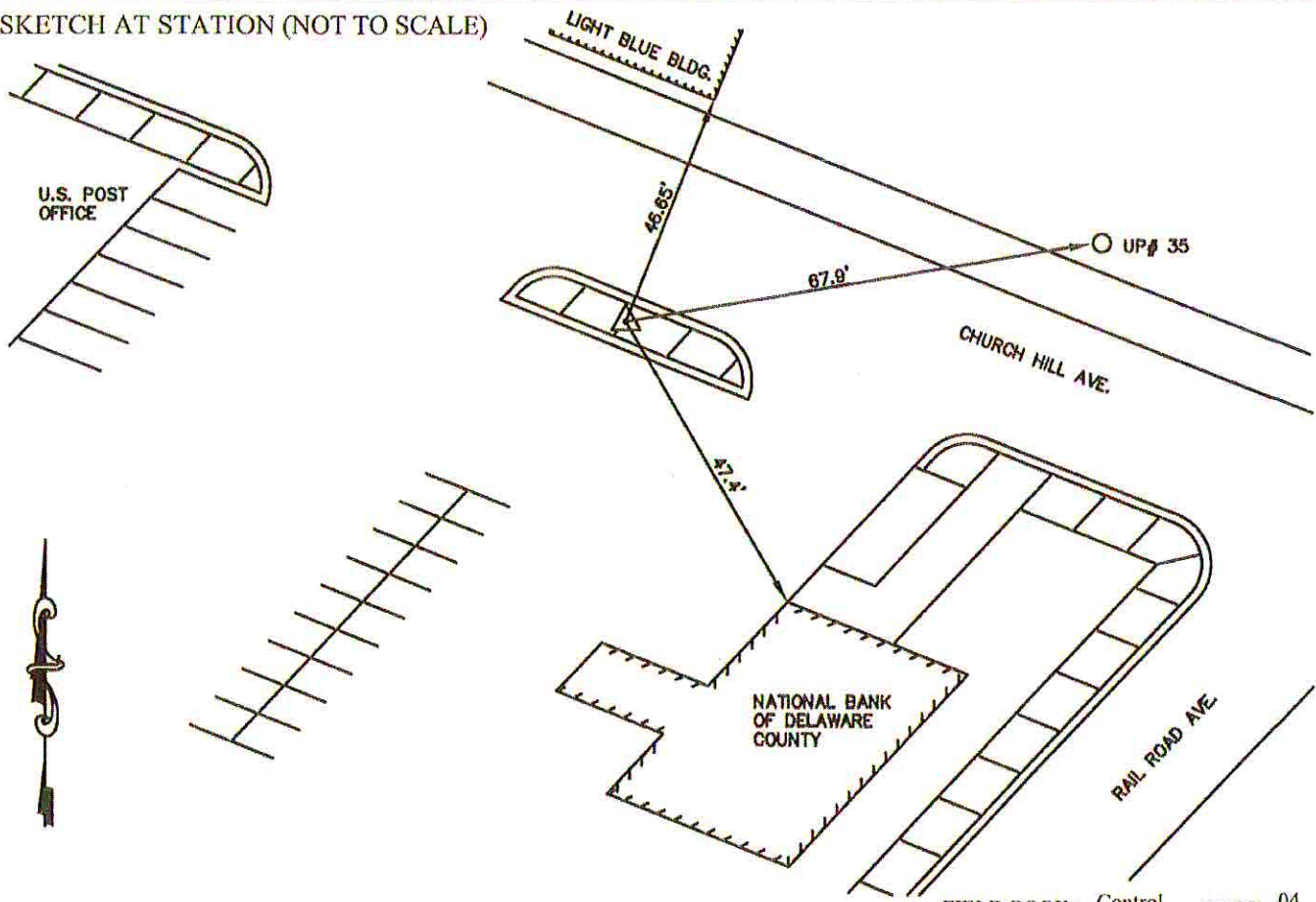
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Stamford, Delaware County NY		NAME OF STATION Stamford		MONUMENT TYPE DK / SPK	
NORTH : 1302218.19 EAST : 460345.26		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS			
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING	
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-	
ELEVATION : 1829.55		-	-	-	
ESTABLISHED BY: T.Y. Lin International Medina		YEAR: 2011		-	
		-	-	-	
		-	-	-	

DETAILED DESCRIPTION AT STATION

STAMFORD IS A SURVEY DK/SPK SET IN A JOINT OF A CONCRETE SIDEWALK FOR THE NATIONAL BANK OF DELAWARE. THE STATION IS LOCATED 46.65' SOUTH OF THE SOUTHEAST CORNER OF A LIGHT BLUE BUILDING, 67.9' SOUTHWEST FROM A PK SET 1' ABOVE GRADE IN A UTILITY POLE(# 3), AND 47.4' NORTHWEST FROM THE NORTHWEST CORNER OF A BRICK BUILDING FOR THE NATIONAL BANK OF DELAWARE COUNTY.

SKETCH AT STATION (NOT TO SCALE)



One Edgeview Drive
 Hackettstown, NJ 07840
 Tel. 908.850.3366

PROJECT : 370156
 PROJECT AREA : FEMA - NYCDEP
 CHIEF OF PARTY : KO
 ORDER OF SURVEY : 2cm

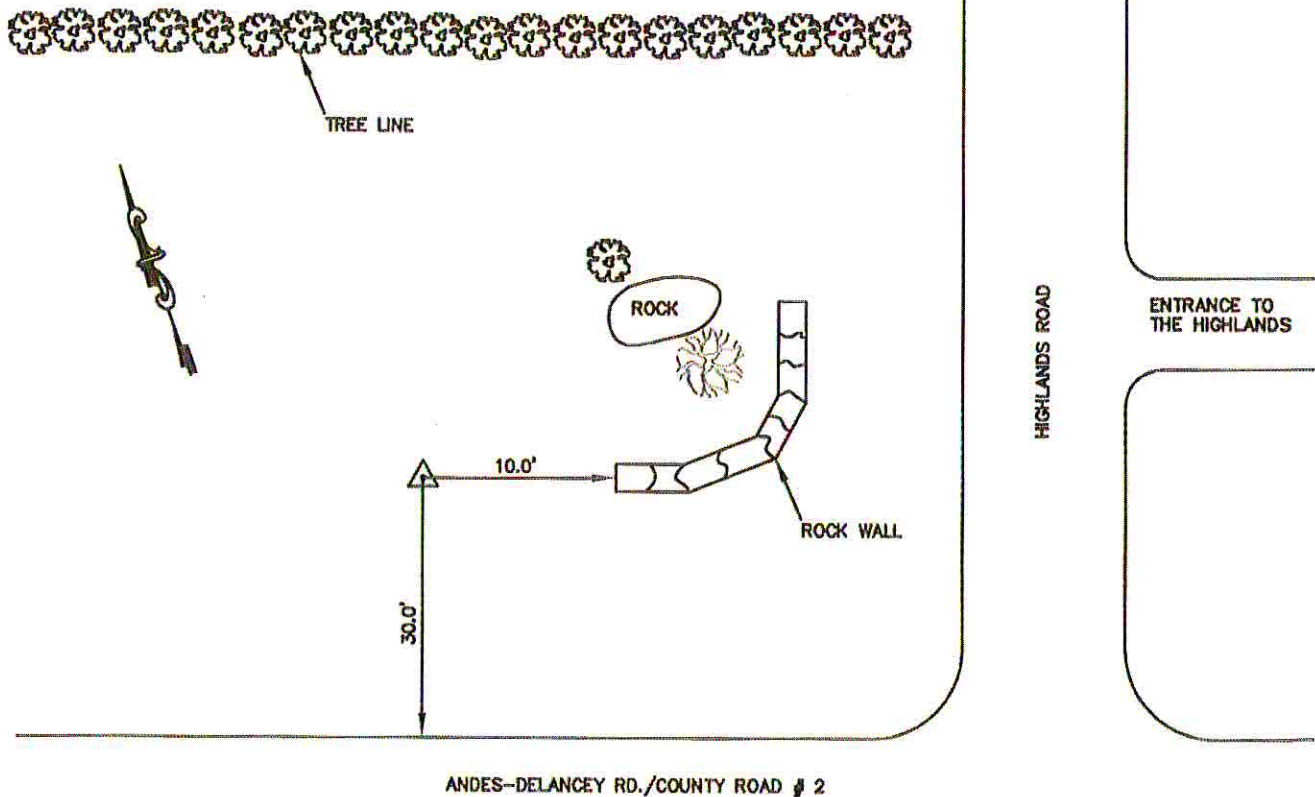
CONTROL SURVEY DATA

CITY, TOWN OR COUNTY Andes, Delaware County NY		NAME OF STATION Andes		MONUMENT TYPE Bar & Cap
NORTH : 1221171.93 EAST : 410601.27		DISTANCES AND DIRECTIONS TO BACKSIGHTS, FORESIGHTS, AND PROMINENT OBJECTS		
VERT. DATUM: NAVD88		OBJECT	DISTANCE (METERS)	GRID BEARING
HORIZ. DATUM: NAD83 NY SP EAST		N/A	-	-
ELEVATION : 1815.48		-	-	-
ESTABLISHED BY: T.Y. Lin International Medina	YEAR: 2011	-	-	-
		-	-	-

DETAILED DESCRIPTION AT STATION

ANDES IS A SURVEY BAR & CAP SET IN THE GRASS ON THE NORTHWEST CORNER OF THE INTERSECTION OF COUNTY ROAD #2 AND HIGHLAND ROAD. THE STATION IS LOCATED 10.0' WEST OF A PK SET IN A ROCK WALL, AND 30.0' NORTH FROM THE EDGE OF ROAD FOR COUNTY ROUTE #2.

SKETCH AT STATION (NOT TO SCALE)



PRIMARY CONTROL (NGS DATASHEETS)

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

DATABASE = NGSIDB , PROGRAM = datasheet95, VERSION = 7.87.4.2
1      National Geodetic Survey,  Retrieval Date = DECEMBER 6, 2011
AA7906 *****
AA7906 CBN      - This is a Cooperative Base Network Control Station.
AA7906 DESIGNATION - DELHI
AA7906 PID      - AA7906
AA7906 STATE/COUNTY- NY/DELAWARE
AA7906 USGS QUAD  - DELHI (1982)
AA7906
AA7906                      *CURRENT SURVEY CONTROL
AA7906
AA7906* NAD 83(2007)- 42 18 04.78995(N)    074 53 51.05977(W)    ADJUSTED
AA7906* NAVD 88      -          431.946 (meters)    1417.14 (feet)    ADJUSTED
AA7906
AA7906 EPOCH DATE  -          2002.00
AA7906 X          - 1,231,038.446 (meters)                COMP
AA7906 Y          - -4,561,645.182 (meters)                COMP
AA7906 Z          - 4,270,688.835 (meters)                COMP
AA7906 LAPLACE CORR-          3.98 (seconds)                DEFLEC09
AA7906 ELLIP HEIGHT-          401.859 (meters)                (02/10/07) ADJUSTED
AA7906 GEOID HEIGHT-          -30.09 (meters)                GEOID09
AA7906 DYNAMIC HT  -          431.791 (meters)    1416.63 (feet)    COMP
AA7906
AA7906 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
AA7906 Type      PID      Designation                North  East  Ellip
AA7906 -----
AA7906 NETWORK AA7906 DELHI                0.57  0.37  1.29
AA7906 -----
AA7906 MODELED GRAV-          980,250.0 (mgal)                NAVD 88
AA7906
AA7906 VERT ORDER  - SECOND CLASS II
AA7906
AA7906.The horizontal coordinates were established by GPS observations
AA7906.and adjusted by the National Geodetic Survey in February 2007.
AA7906
AA7906.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
AA7906.See National Readjustment for more information.
AA7906.The horizontal coordinates are valid at the epoch date displayed above.
AA7906.The epoch date for horizontal control is a decimal equivalence
AA7906.of Year/Month/Day.
AA7906
AA7906.The orthometric height was determined by differential leveling and
AA7906.adjusted in August 2006.
AA7906.No vertical observational check was made to the station.
AA7906
AA7906.Photographs are available for this station.
AA7906
AA7906.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AA7906
AA7906.The Laplace correction was computed from DEFLEC09 derived deflections.
AA7906

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AA7906.The ellipsoidal height was determined by GPS observations
AA7906.and is referenced to NAD 83.

AA7906

AA7906.The geoid height was determined by GEOID09.

AA7906

AA7906.The dynamic height is computed by dividing the NAVD 88
AA7906.geopotential number by the normal gravity value computed on the
AA7906.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AA7906.degrees latitude (g = 980.6199 gals.).

AA7906

AA7906.The modeled gravity was interpolated from observed gravity values.

AA7906

AA7906;	North	East	Units	Scale Factor	Converg.
AA7906;SPC NY E	- 385,143.877	117,224.537	MT	0.99991321	-0 16 03.2
AA7906;SPC NY E	- 1,263,592.87	384,594.17	sFT	0.99991321	-0 16 03.2
AA7906;UTM 18	- 4,683,238.576	508,447.271	MT	0.99960088	+0 04 08.3

AA7906

AA7906!	Elev Factor	x	Scale Factor	=	Combined Factor
AA7906!SPC NY E	- 0.99993698	x	0.99991321	=	0.99985019
AA7906!UTM 18	- 0.99993698	x	0.99960088	=	0.99953788

AA7906

AA7906

SUPERSEDED SURVEY CONTROL

AA7906

AA7906	ELLIP H (09/18/02)	401.879	(m)		GP()	4	2
AA7906	NAD 83(1996)-	42 18 04.79008(N)		074 53 51.06025(W)	AD()	B	
AA7906	ELLIP H (07/24/97)	401.864	(m)		GP()	1	1
AA7906	NAD 83(1992)-	42 18 04.78917(N)		074 53 51.05948(W)	AD()	B	
AA7906	ELLIP H (08/31/95)	401.809	(m)		GP()	1	1
AA7906	NAVD 88 (08/31/95)	432.0	(m)	1417.	(f)	GPS	OBS	

AA7906

AA7906.Superseded values are not recommended for survey control.

AA7906.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AA7906.[See file dsdata.txt](#) to determine how the superseded data were derived.

AA7906

AA7906_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWM0844783238(NAD 83)

AA7906_MARKER: DH = HORIZONTAL CONTROL DISK

AA7906_SETTING: 66 = SET IN ROCK OUTCROP

AA7906_STAMPING: DELHI CBN 1994

AA7906_MARK LOGO: NYDT

AA7906_MAGNETIC: N = NO MAGNETIC MATERIAL

AA7906_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD

AA7906+STABILITY: POSITION/ELEVATION WELL

AA7906_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AA7906+SATELLITE: SATELLITE OBSERVATIONS - September 21, 2006

AA7906

AA7906	HISTORY	- Date	Condition	Report By
AA7906	HISTORY	- 1994	MONUMENTED	NYDT
AA7906	HISTORY	- 20010716	GOOD	NYDT
AA7906	HISTORY	- 20050608	GOOD	DEWDAV
AA7906	HISTORY	- 20050814	GOOD	TVGA
AA7906	HISTORY	- 20060921	GOOD	INDIV
AA7906	HISTORY	- 20090406	GOOD	ERDMAN

AA7906

AA7906

STATION DESCRIPTION

AA7906

AA7906'DESCRIBED BY NY DEPT OF TRANSP 1994 (RWB)

AA7906'THE STATION IS LOCATED ABOUT 3.2 KM (2.0 MI) NORTH-NORTHEAST OF DELHI,

AA7906'IN TOP OF THE EAST END OF A LONG FLAT TOPPED ROCK HIGHWAY CUT, ACROSS

AA7906'THE HIGHWAY FROM THE EAST ENTRANCE TO A ROADSIDE PARKING AREA.

AA7906'OWNERSHIP--HIGHWAY RIGHT-OF-WAY.

AA7906'
 AA7906'TO REACH THE STATION FROM THE NORTHERN JUNCTION OF STATE HIGHWAYS 10
 AA7906'AND 28 IN DELHI, GO NORTHEAST ON HIGHWAY 10 FOR 3.2 KM (2.0 MI) TO THE
 AA7906'EAST END OF THE PARKING AREA ON THE RIGHT AND STATION ON THE LEFT.
 AA7906'
 AA7906'THE STATION IS A STANDARD DISK CEMENTED INTO A RECESSED DRILL HOLE IN
 AA7906'THE TOP OF A FLAT ROCK LEDGE. IT IS 21.0 M (68.9 FT) WEST FROM THE
 AA7906'EASTERNMOST END OF THE EXPOSED ROCK LEDGE, 20.3 M (66.6 FT) NORTH FROM
 AA7906'THE CENTER OF THE HIGHWAY, 2.0 M (6.6 FT) NORTHEAST FROM THE JUNCTION
 AA7906'OF A PROMINENT CRACK AND THE SOUTHERN FACE OF THE ROCK LEDGE, 1.8 M
 AA7906'(5.9 FT) NORTH FROM THE SOUTHERN FACE OF THE LEDGE, AND RECESSED 1 CM
 AA7906'AND COVERED WITH DIRT FOR PROTECTION.

AA7906
 AA7906 STATION RECOVERY (2001)
 AA7906

AA7906'RECOVERY NOTE BY NY DEPT OF TRANSP 2001 (DH)
 AA7906'RECOVERED AS DESCRIBED.

AA7906'
 AA7906
 AA7906 STATION RECOVERY (2005)
 AA7906

AA7906'RECOVERY NOTE BY DEWBERRY DAVIS 2005 (CSW)
 AA7906'RECOVERED IN GOOD CONDITION.

AA7906
 AA7906 STATION RECOVERY (2005)
 AA7906

AA7906'RECOVERY NOTE BY TVGA ENGINEERING SURVEYING PC 2005 (DD)
 AA7906'RECOVERY NOTE BY TVGA 2005 RECOVERED AS DESCRIBED

AA7906
 AA7906 STATION RECOVERY (2006)
 AA7906

AA7906'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2006 (JDJ)
 AA7906'RECOVERED IN GOOD CONDITION

AA7906
 AA7906 STATION RECOVERY (2009)
 AA7906

AA7906'RECOVERY NOTE BY ERDMAN ANTHONY AND ASSOCIATES 2009 (RBY)
 AA7906'RECOVERED IN GOOD CONDITION.

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011
 AA7928 *****

AA7928 CBN - This is a Cooperative Base Network Control Station.
 AA7928 DESIGNATION - MARGARET
 AA7928 PID - AA7928
 AA7928 STATE/COUNTY- NY/DELAWARE
 AA7928 USGS QUAD - MARGARETVILLE (1982)

AA7928 *CURRENT SURVEY CONTROL

AA7928* NAD 83(2007)- 42 07 52.34065(N) 074 39 49.23537(W) ADJUSTED
 AA7928* NAVD 88 - 401.610 (meters) 1317.62 (feet) ADJUSTED

AA7928
 AA7928 EPOCH DATE - 2002.00
 AA7928 X - 1,252,998.137 (meters) COMP
 AA7928 Y - -4,568,807.742 (meters) COMP
 AA7928 Z - 4,256,672.512 (meters) COMP
 AA7928 LAPLACE CORR- 0.73 (seconds) DEFLECO9
 AA7928 ELLIP HEIGHT- 371.989 (meters) (02/10/07) ADJUSTED
 AA7928 GEOID HEIGHT- -29.62 (meters) GEOID09
 AA7928 DYNAMIC HT - 401.469 (meters) 1317.15 (feet) COMP
 AA7928

AA7928 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
 AA7928 Type PID Designation North East Ellip
 AA7928 -----
 AA7928 NETWORK AA7928 MARGARET 0.41 0.31 1.12
 AA7928 -----
 AA7928 MODELED GRAV- 980,258.0 (mgal) NAVD 88
 AA7928
 AA7928 VERT ORDER - SECOND CLASS II
 AA7928

AA7928.The horizontal coordinates were established by GPS observations
 AA7928.and adjusted by the National Geodetic Survey in February 2007.
 AA7928
 AA7928.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
 AA7928.See [National Readjustment](#) for more information.
 AA7928.The horizontal coordinates are valid at the epoch date displayed above.
 AA7928.The epoch date for horizontal control is a decimal equivalence
 AA7928.of Year/Month/Day.

AA7928
 AA7928.The orthometric height was determined by differential leveling and
 AA7928.adjusted in August 2004.
 AA7928.No vertical observational check was made to the station.
 AA7928
 AA7928.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 AA7928
 AA7928.The Laplace correction was computed from DEFLEC09 derived deflections.
 AA7928

AA7928.The ellipsoidal height was determined by GPS observations
 AA7928.and is referenced to NAD 83.
 AA7928
 AA7928.The geoid height was determined by GEOID09.
 AA7928

AA7928.The dynamic height is computed by dividing the NAVD 88
 AA7928.geopotential number by the normal gravity value computed on the
 AA7928.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AA7928.degrees latitude (g = 980.6199 gals.).
 AA7928

AA7928.The modeled gravity was interpolated from observed gravity values.
 AA7928

AA7928;	North	East	Units	Scale	Factor	Converg.
AA7928;SPC NY E	- 366,185.174	136,468.522	MT	0.99990225	-0 06	35.3
AA7928;SPC NY E	- 1,201,392.53	447,730.48	sFT	0.99990225	-0 06	35.3
AA7928;UTM 18	- 4,664,398.742	527,796.238	MT	0.99960951	+0 13	32.2
AA7928!	- Elev Factor	x Scale Factor	=	Combined Factor		
AA7928!SPC NY E	- 0.99994166	x 0.99990225	=	0.99984392		
AA7928!UTM 18	- 0.99994166	x 0.99960951	=	0.99955119		

AA7928
 AA7928 SUPERSEDED SURVEY CONTROL
 AA7928
 AA7928 ELLIP H (09/18/02) 371.993 (m) GP() 4 2
 AA7928 NAD 83(1996)- 42 07 52.34077(N) 074 39 49.23581(W) AD() B
 AA7928 ELLIP H (07/24/97) 371.994 (m) GP() 1 1
 AA7928 NAD 83(1992)- 42 07 52.33986(N) 074 39 49.23498(W) AD() B
 AA7928 NAD 83(1992)- 42 07 52.33991(N) 074 39 49.23494(W) AD() B
 AA7928 ELLIP H (08/31/95) 371.939 (m) GP() 1 1
 AA7928 NAVD 88 (09/18/02) 401.6 (m) 1318. (f) GPS OBS
 AA7928 NAVD 88 (08/31/95) 401.7 (m) 1318. (f) GPS OBS
 AA7928

AA7928.Superseded values are not recommended for survey control.
 AA7928.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AA7928.[See file dsdata.txt](#) to determine how the superseded data were derived.

AA7928

AA7928_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWM2779664398(NAD 83)

AA7928_MARKER: DH = HORIZONTAL CONTROL DISK

AA7928_SETTING: 66 = SET IN ROCK OUTCROP

AA7928_STAMPING: MARGARET CBN 1994

AA7928_MARK LOGO: NGS

AA7928_MAGNETIC: N = NO MAGNETIC MATERIAL

AA7928_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD

AA7928+STABILITY: POSITION/ELEVATION WELL

AA7928_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AA7928+SATELLITE: SATELLITE OBSERVATIONS - May 16, 2005

AA7928

AA7928	HISTORY	- Date	Condition	Report By
AA7928	HISTORY	- 1994	MONUMENTED	NYDT
AA7928	HISTORY	- 20010716	GOOD	NYDT
AA7928	HISTORY	- 20030716	GOOD	NYDT
AA7928	HISTORY	- 20050516	GOOD	URSCOR

AA7928

STATION DESCRIPTION

AA7928

AA7928'DESCRIBED BY NY DEPT OF TRANSP 1994 (RWB)

AA7928'THE STATION IS LOCATED ABOUT 2.2 KM (1.4 MI) SOUTHWEST OF

AA7928'MARGARETVILLE, NEAR THE CENTER AND ON TOP OF THE HIGHEST POINT OF A

AA7928'LONG ROCK HIGHWAY CUT. OWNERSHIP--HIGHWAY RIGHT-OF-WAY.

AA7928'

AA7928'TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAYS 28 EAST AND

AA7928'30 NORTH AT MARGARETVILLE, GO SOUTHWEST ON HIGHWAYS 28 AND 30 FOR 1.9

AA7928'KM (1.2 MI) TO THE STATION ON THE LEFT OPPOSITE MILE MARKER

AA7928'28/9302/1596.

AA7928'

AA7928'THE STATION IS A STANDARD DISK SET IN A DRILL HOLE IN THE TOP OF THE

AA7928'HIGHEST POINT OF THE ROCK OUTCROP HIGHWAY CUT. IT IS 100 M (328.1 FT)

AA7928'NORTHEAST FROM THE SOUTHWESTERNMOST END OF THE ROCK CUT, 25.4 M (83.3

AA7928'FT) SOUTHEAST AND ACROSS THE HIGHWAY FROM THE MILE MARKER WHICH IS AT

AA7928'THE NORTHEAST END OF A GUARDRAIL, 16.9 M (55.4 FT) (SLOPE)SOUTHEAST

AA7928'FROM THE CENTER OF AND ABOUT 7.0 METERS ABOVE THE HIGHWAY, AND 1.8 M

AA7928'(5.9 FT) SOUTHEAST FROM THE NORTHWEST FACE OF THE ROCK CUT.

AA7928

STATION RECOVERY (2001)

AA7928

AA7928'RECOVERY NOTE BY NY DEPT OF TRANSP 2001 (DH)

AA7928'RECOVERED AS DESCRIBED.

AA7928'

AA7928

STATION RECOVERY (2003)

AA7928

AA7928'RECOVERY NOTE BY NY DEPT OF TRANSP 2003 (RC)

AA7928'RECOVERED AS DESCRIBED.

AA7928

STATION RECOVERY (2005)

AA7928

AA7928'RECOVERY NOTE BY URS CORPORATION 2005 (JSB)

AA7928'RECOVERED IN GOOD CONDITION.

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011

AB3881 *****

AB3881 CBN - This is a Cooperative Base Network Control Station.

AB3881 DESIGNATION - SHANDAKEN

AB3881 PID - AB3881

AB3881 STATE/COUNTY- NY/ULSTER

AB3881 USGS QUAD - PHOENICIA (1980)
 AB3881
 AB3881 *CURRENT SURVEY CONTROL
 AB3881
 AB3881* NAD 83(2007)- 42 01 30.16676(N) 074 16 13.89122(W) ADJUSTED
 AB3881* NAVD 88 - 200.381 (meters) 657.42 (feet) ADJUSTED
 AB3881
 AB3881 EPOCH DATE - 2002.00
 AB3881 X - 1,286,420.172 (meters) COMP
 AB3881 Y - -4,567,564.449 (meters) COMP
 AB3881 Z - 4,247,784.478 (meters) COMP
 AB3881 LAPLACE CORR- -9.89 (seconds) DEFLECO9
 AB3881 ELLIP HEIGHT- 169.738 (meters) (02/10/07) ADJUSTED
 AB3881 GEOID HEIGHT- -30.65 (meters) GEOID09
 AB3881 DYNAMIC HT - 200.309 (meters) 657.18 (feet) COMP

AB3881 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
 AB3881 Type PID Designation North East Ellip
 AB3881 -----
 AB3881 NETWORK AB3881 SHANDAKEN 0.33 0.25 1.00
 AB3881 -----
 AB3881 MODELED GRAV- 980,257.2 (mgal) NAVD 88
 AB3881
 AB3881 VERT ORDER - SECOND CLASS II
 AB3881

AB3881.The horizontal coordinates were established by GPS observations
 AB3881.and adjusted by the National Geodetic Survey in February 2007.
 AB3881
 AB3881.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
 AB3881.See [National Readjustment](#) for more information.
 AB3881.The horizontal coordinates are valid at the epoch date displayed above.
 AB3881.The epoch date for horizontal control is a decimal equivalence
 AB3881.of Year/Month/Day.
 AB3881
 AB3881.The orthometric height was determined by differential leveling and
 AB3881.adjusted in April 2005.
 AB3881.No vertical observational check was made to the station.
 AB3881
 AB3881.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 AB3881
 AB3881.The Laplace correction was computed from DEFLECO9 derived deflections.
 AB3881
 AB3881.The ellipsoidal height was determined by GPS observations
 AB3881.and is referenced to NAD 83.
 AB3881
 AB3881.The geoid height was determined by GEOID09.
 AB3881
 AB3881.The dynamic height is computed by dividing the NAVD 88
 AB3881.geopotential number by the normal gravity value computed on the
 AB3881.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AB3881.degrees latitude (g = 980.6199 gals.).
 AB3881
 AB3881.The modeled gravity was interpolated from observed gravity values.
 AB3881
 AB3881;
 AB3881;SPC NY E - 354,407.227 169,002.798 MT 0.99990444 +0 09 13.0
 AB3881;SPC NY E - 1,162,751.04 554,470.01 sFT 0.99990444 +0 09 13.0
 AB3881;UTM 18 - 4,652,814.464 560,389.832 MT 0.99964487 +0 29 18.1
 AB3881
 AB3881!
 AB3881! - Elev Factor x Scale Factor = Combined Factor

AB3881!SPC NY E - 0.99997338 x 0.99990444 = 0.99987782
 AB3881!UTM 18 - 0.99997338 x 0.99964487 = 0.99961826

AB3881

AB3881

SUPERSEDED SURVEY CONTROL

AB3881

AB3881 ELLIP H (09/18/02) 169.752 (m) GP() 4 2
 AB3881 NAD 83(1996)- 42 01 30.16687(N) 074 16 13.89165(W) AD() B
 AB3881 ELLIP H (07/24/97) 169.743 (m) GP() 1 1
 AB3881 NAD 83(1992)- 42 01 30.16589(N) 074 16 13.89084(W) AD() B
 AB3881 ELLIP H (06/10/96) 169.674 (m) GP() 1 1
 AB3881 NAVD 88 (09/18/02) 200.3 (m) 657. (f) GPS OBS
 AB3881 NAVD 88 (06/10/96) 200.4 (m) 657. (f) GPS OBS

AB3881

AB3881.Superseded values are not recommended for survey control.

AB3881.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AB3881.[See file dsdata.txt](#) to determine how the superseded data were derived.

AB3881

AB3881_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWM6038952814(NAD 83)

AB3881_MARKER: F = FLANGE-ENCASED ROD

AB3881_SETTING: 15 = METAL ROD DRIVEN INTO GROUND. SEE TEXT FOR ADDITIONAL

AB3881+WITH SETTING: INFORMATION.

AB3881_STAMPING: SHANDAKEN CBN 1995

AB3881_MARK LOGO: NYDT

AB3881_PROJECTION: FLUSH

AB3881_MAGNETIC: N = NO MAGNETIC MATERIAL

AB3881_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

AB3881_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AB3881+SATELLITE: SATELLITE OBSERVATIONS - July 15, 2004

AB3881_ROD/PIPE-DEPTH: 2.3 meters

AB3881

AB3881 HISTORY	- Date	Condition	Report By
AB3881 HISTORY	- 1995	MONUMENTED	NYDT
AB3881 HISTORY	- 20010716	GOOD	NYDT
AB3881 HISTORY	- 20040715	GOOD	TVGA
AB3881 HISTORY	- 20090317	GOOD	ERDMAN

AB3881

AB3881

STATION DESCRIPTION

AB3881

AB3881'DESCRIBED BY NY DEPT OF TRANSP 1995 (RWB)

AB3881'THE STATION LOCATED ABOUT 25 KM (15.5 MI) NORTHWEST OF KINGSTON AND

AB3881'ABOUT 5 KM (3.1 MI) NORTH OF THE ASHOKEN RESERVOIR AT THE NYSDOT

AB3881'ULSTER COUNTY SUB-RESIDENCY. OWNERSHIP--NEW YORK STATE DEPARTMENT OF

AB3881'TRANSPORTATION. TO REACH THE STATION FROM THE INTERSECTION OF NY 28

AB3881'AND NY 28A AT BOICEVILLE, PROCEED NORTH ON NY 28 FOR 3.0 KM (1.9 MI)

AB3881'(PAST THE ONTEORA HIGH SCHOOL) MI) TO THE STATION ON THE RIGHT, JUST

AB3881'PAST THE ENTRANCE TO THE DOT ULSTER COUNTY SUB-RESIDENCY AT REFERENCE

AB3881'MARKER 28/8601/2185. THE STATION IS THE TOP CENTER OF AN ALUMINUM ROD

AB3881'DRIVEN TO REFUSAL AT A DEPTH OF 2.3 M (7.5 FT) ENCASED IN A 2.7 CM

AB3881'GREASE FILLED SLEEVE THAT IS 90 CM LONG ENCASED IN A 15 CM PVC PIPE

AB3881'WITH LOGO CAP SURROUNDED BY CONCRETE. IT IS 30.1 M (98.8 FT) EAST OF

AB3881'THE CENTER OF THE HIGHWAY, 31.6 M (103.7 FT) NORTH OF THE CENTER OF

AB3881'THE DOT SUB-RESIDENCY DRIVE, 18.5 M (60.7 FT) NORTHEAST OF POLE NYT/40

AB3881'AND 38.3 M (125.7 FT) SOUTHEAST OF POLE NYT/41.

AB3881

AB3881

STATION RECOVERY (2001)

AB3881

AB3881'RECOVERY NOTE BY NY DEPT OF TRANSP 2001 (DH)

AB3881'RECOVERED AS DESCRIBED.

AB3881'

AB3881

AB3881 STATION RECOVERY (2004)
 AB3881
 AB3881'RECOVERY NOTE BY TVGA ENGINEERING SURVEYING PC 2004 (DEL)
 AB3881'RECOVERED AS DESCRIBED.

AB3881
 AB3881 STATION RECOVERY (2009)
 AB3881
 AB3881'RECOVERY NOTE BY ERDMAN ANTHONY AND ASSOCIATES 2009 (R)
 AB3881'RECOVERED IN GOOD CONDITION.

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011

DH3545 *****

DH3545 DESIGNATION - CARP
 DH3545 PID - DH3545
 DH3545 STATE/COUNTY- NY/SCHOHARIE
 DH3545 USGS QUAD - GILBOA (1980)

DH3545 *CURRENT SURVEY CONTROL

DH3545*	NAD 83(1986)-	42 27 28.	(N)	074 27 25.	(W)	SCALED
DH3545*	NAVD 88	- 254.440	(meters)	834.78	(feet)	ADJUSTED

DH3545	GEOID HEIGHT-	-30.18	(meters)			GEOID09
DH3545	DYNAMIC HT -	254.358	(meters)	834.51	(feet)	COMP
DH3545	MODELED GRAV-	980,293.3	(mgal)			NAVD 88

DH3545 VERT ORDER - SECOND CLASS II
 DH3545

DH3545.The horizontal coordinates were scaled from a topographic map and have
 DH3545.an estimated accuracy of +/- 6 seconds.

DH3545
 DH3545.The orthometric height was determined by differential leveling and
 DH3545.adjusted in June 2005.
 DH3545.No vertical observational check was made to the station.

DH3545
 DH3545.The geoid height was determined by GEOID09.
 DH3545

DH3545.The dynamic height is computed by dividing the NAVD 88
 DH3545.geopotential number by the normal gravity value computed on the
 DH3545.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 DH3545.degrees latitude (g = 980.6199 gals.).

DH3545
 DH3545.The modeled gravity was interpolated from observed gravity values.

DH3545;	North	East	Units	Estimated Accuracy
DH3545;SPC NY E	- 402,450.	153,540.	MT	(+/- 180 meters Scaled)

DH3545 SUPERSEDED SURVEY CONTROL

DH3545.No superseded survey control is available for this station.

DH3545
 DH3545_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWN446007(NAD 83)
 DH3545_MARKER: DD = SURVEY DISK
 DH3545_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND
 DH3545_STAMPING: CARP
 DH3545_MARK LOGO: NYNPA
 DH3545_MAGNETIC: N = NO MAGNETIC MATERIAL
 DH3545_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
 DH3545_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 DH3545+SATELLITE: SATELLITE OBSERVATIONS - December 08, 2004
 DH3545

DH3545	HISTORY	- Date	Condition	Report By
DH3545	HISTORY	- 20041208	MONUMENTED	TVGA
DH3545	HISTORY	- 20041208	GOOD	TVGA

DH3545

DH3545

DH3545

STATION DESCRIPTION

DH3545'DESCRIBED BY TVGA ENGINEERING SURVEYING PC 2004 (JHD)

DH3545'TO REACH FROM THE STEEL BRIDGE ON ROUTE 30 IN NORTH BLENHEIM GO SOUTH

DH3545'ON ROUTE 30 FOR 1.00 MILES TO A ROAD ON THE LEFT LEADING TO GILBOA

DH3545'DAM, TURN LEFT AND GO 1 MILE TO A STONE DRIVE ON THE LEFT, FOLLOW

DH3545'DRIVE TO THE RIVER AND THE STATION ON THE LEFT. THE STATION IS A

DH3545'BRASS DISK SET IN A CONCRETE POST STAMPED CARP.

*** retrieval complete.

Elapsed Time = 00:00:01

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

DATABASE = NGSIDB , PROGRAM = datasheet95, VERSION = 7.87.4.2
1      National Geodetic Survey,  Retrieval Date = DECEMBER  6, 2011
DK7175 *****
DK7175 CORS          - This is a GPS Continuously Operating Reference Station.
DK7175 DESIGNATION  - COBLESKILL CORS ARP
DK7175 CORS_ID      - NYCS
DK7175 PID          - DK7175
DK7175 STATE/COUNTY- NY/SCHOHARIE
DK7175 USGS QUAD    - COBLESKILL (1994)
DK7175
DK7175
DK7175                *CURRENT SURVEY CONTROL
DK7175
DK7175 *-----
DK7175* NAD 83(CORS)- 42 40 02.83667(N)    074 29 10.94851(W)    ADJUSTED
DK7175* NAVD 88    -          301.372 (meters)    988.75 (feet) ADJUSTED
DK7175 *-----
DK7175 EPOCH DATE  -          2002.00
DK7175 X          -  1,256,366.761 (meters)          COMP
DK7175 Y          - -4,526,132.211 (meters)          COMP
DK7175 Z          -  4,300,594.361 (meters)          COMP
DK7175 ELLIP HEIGHT-          270.679 (meters)          (10/??/08) ADJUSTED
DK7175 GEOID HEIGHT-          -30.69 (meters)          GEOID09
DK7175 HORZ ORDER  - SPECIAL (CORS)
DK7175 VERT ORDER  - SECOND CLASS I
DK7175 ELLP ORDER  - SPECIAL (CORS)
DK7175
DK7175.ITRF positions are available for this station.
DK7175.The coordinates were established by GPS observations
DK7175.and adjusted by the National Geodetic Survey in October 2008.
DK7175.The coordinates are valid at the epoch date displayed above.
DK7175.The epoch date for horizontal control is a decimal equivalence
DK7175.of Year/Month/Day.
DK7175
DK7175.The orthometric height was determined by differential leveling and
DK7175.adjusted in May 2010.
DK7175.No vertical observational check was made to the station.
DK7175
DK7175.The PID for the CORS L1 Phase Center is DK7176.
DK7175
DK7175.The XYZ, and position/ellipsoidal ht. are equivalent.
DK7175
DK7175.The ellipsoidal height was determined by GPS observations
DK7175.and is referenced to NAD 83.
DK7175
DK7175.The geoid height was determined by GEOID09.
DK7175
DK7175;
DK7175;          North          East          Units  Scale  Factor  Converg.
DK7175;SPC NY E  -  425,733.429    151,116.891    MT    0.99990002  +0 00 33.2
DK7175;SPC NY E  - 1,396,760.42    495,789.33    SFT    0.99990002  +0 00 33.2
DK7175
DK7175!
DK7175!          Elev Factor  x  Scale Factor  =  Combined Factor
DK7175!SPC NY E  -   0.99995755  x   0.99990002  =   0.99985758

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DK7175

DK7175

SUPERSEDED SURVEY CONTROL

DK7175

DK7175.No superseded survey control is available for this station.

DK7175

DK7175_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWN4208924015(NAD 83)

DK7175_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA

DK7175_MAGNETIC: N = NO MAGNETIC MATERIAL

DK7175

DK7175

STATION DESCRIPTION

DK7175

DK7175'DESCRIBED BY NATIONAL GEODETIC SURVEY 2008

DK7175'STATION IS A GPS CORS. LATEST INFORMATION INCLUDING POSITIONS AND

DK7175'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE

DK7175'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.

DK7175' ftp cors.ngs.noaa.gov: cors/coord and cors/station_log

DK7175' http://geodesy.noaa.gov/CORS

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011

DI0460 *****

DI0460 CORS - This is a GPS Continuously Operating Reference Station.

DI0460 DESIGNATION - HANCOCK CORS ARP

DI0460 CORS_ID - NYHC

DI0460 PID - DI0460

DI0460 STATE/COUNTY- NY/DELAWARE

DI0460 USGS QUAD - HANCOCK (1992)

DI0460

DI0460

*CURRENT SURVEY CONTROL

DI0460

DI0460* NAD 83(CORS)- 41 57 29.98185(N) 075 17 33.87629(W) ADJUSTED

DI0460* NAVD 88 - 291.008 (meters) 954.75 (feet) ADJUSTED

DI0460

DI0460 EPOCH DATE - 2002.00

DI0460 X - 1,206,005.432 (meters) COMP

DI0460 Y - -4,594,648.399 (meters) COMP

DI0460 Z - 4,242,337.305 (meters) COMP

DI0460 ELLIP HEIGHT- 260.717 (meters) (06/??/06) ADJUSTED

DI0460 GEOID HEIGHT- -30.28 (meters) GEOID09

DI0460 HORIZ ORDER - SPECIAL (CORS)

DI0460 VERT ORDER - SECOND CLASS II

DI0460 ELLP ORDER - SPECIAL (CORS)

DI0460

DI0460.[ITRF positions](#) are available for this station.

DI0460.The coordinates were established by GPS observations

DI0460.and adjusted by the National Geodetic Survey in June 2006.

DI0460.The coordinates are valid at the epoch date displayed above.

DI0460.The epoch date for horizontal control is a decimal equivalence

DI0460.of Year/Month/Day.

DI0460

DI0460.The orthometric height was determined by differential leveling and

DI0460.adjusted in April 2010.

DI0460.No vertical observational check was made to the station.

DI0460

DI0460.The PID for the CORS L1 Phase Center is DI0461.

DI0460

DI0460.The XYZ, and position/ellipsoidal ht. are equivalent.

DI0460

DI0460.The ellipsoidal height was determined by GPS observations

DI0460.and is referenced to NAD 83.

DI0460

DI0460.The geoid height was determined by GEOID09.

```

DI0460
DI0460;           North           East           Units Scale Factor Converg.
DI0460;SPC NY E   -   347,275.879   84,284.116   MT   0.99995312   -0 31 48.1
DI0460;SPC NY E   - 1,139,354.28   276,522.14   sFT  0.99995312   -0 31 48.1
DI0460
DI0460!           -   Elev Factor   x   Scale Factor =   Combined Factor
DI0460!SPC NY E   -   0.99995911   x   0.99995312 =   0.99991223
DI0460
DI0460           SUPERSEDED SURVEY CONTROL
DI0460
DI0460.No superseded survey control is available for this station.
DI0460
DI0460_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TVM7573945190(NAD 83)
DI0460_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA
DI0460_MAGNETIC: N = NO MAGNETIC MATERIAL
DI0460
DI0460           STATION DESCRIPTION
DI0460
DI0460'DESCRIBED BY NATIONAL GEODETIC SURVEY 2006
DI0460'STATION IS A GPS CORS.  LATEST INFORMATION INCLUDING POSITIONS AND
DI0460'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
DI0460'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
DI0460'   ftp cors.ngs.noaa.gov: cors/coord and cors/station_log
DI0460'   http://geodesy.noaa.gov/CORS
1   National Geodetic Survey,  Retrieval Date = DECEMBER 6, 2011
DI0466 *****
DI0466 CORS           -   This is a GPS Continuously Operating Reference Station.
DI0466 DESIGNATION   -   HUDSON CORS ARP
DI0466 CORS_ID      -   NYHS
DI0466 PID          -   DI0466
DI0466 STATE/COUNTY-   NY/COLUMBIA
DI0466 USGS QUAD    -   HUDSON NORTH (1980)
DI0466
DI0466           *CURRENT SURVEY CONTROL
DI0466
DI0466* NAD 83(CORS)- 42 15 08.35963(N)      073 45 27.16055(W)      ADJUSTED
DI0466* NAVD 88      -           53.578 (meters)      175.78 (feet)      ADJUSTED
DI0466
DI0466 EPOCH DATE   -           2002.00
DI0466 X           -   1,322,494.244 (meters)      COMP
DI0466 Y           -   -4,539,497.141 (meters)      COMP
DI0466 Z           -   4,266,405.334 (meters)      COMP
DI0466 ELLIP HEIGHT-           22.070 (meters)      (06/??/06) ADJUSTED
DI0466 GEOID HEIGHT-           -31.53 (meters)      GEOID09
DI0466 HORZ ORDER  -   SPECIAL (CORS)
DI0466 VERT ORDER  -   SECOND CLASS II
DI0466 ELLP ORDER  -   SPECIAL (CORS)
DI0466
DI0466. ITRF positions are available for this station.
DI0466.The coordinates were established by GPS observations
DI0466.and adjusted by the National Geodetic Survey in June 2006.
DI0466.The coordinates are valid at the epoch date displayed above.
DI0466.The epoch date for horizontal control is a decimal equivalence
DI0466.of Year/Month/Day.
DI0466
DI0466.The orthometric height was determined by differential leveling and
DI0466.adjusted in May 2010.
DI0466
DI0466.The PID for the CORS L1 Phase Center is DI0467.
DI0466

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DI0466.The XYZ, and position/ellipsoidal ht. are equivalent.

DI0466

DI0466.The ellipsoidal height was determined by GPS observations

DI0466.and is referenced to NAD 83.

DI0466

DI0466.The geoid height was determined by GEOID09.

DI0466

DI0466;	North	East	Units	Scale	Factor	Converg.
DI0466;SPC NY E	- 379,891.014	211,263.428	MT	0.99994617	+0 29	57.3
DI0466;SPC NY E	- 1,246,359.10	693,120.10	sFT	0.99994617	+0 29	57.3

DI0466!
 DI0466!SPC NY E - Elev Factor x Scale Factor = Combined Factor
 DI0466!SPC NY E - 0.99999654 x 0.99994617 = 0.99994271

DI0466

DI0466 SUPERSEDED SURVEY CONTROL

DI0466

DI0466.No superseded survey control is available for this station.

DI0466

DI0466_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TXM0249078539(NAD 83)

DI0466_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA

DI0466_MAGNETIC: N = NO MAGNETIC MATERIAL

DI0466

DI0466 STATION DESCRIPTION

DI0466

DI0466'DESCRIBED BY NATIONAL GEODETIC SURVEY 2006
 DI0466'STATION IS A GPS CORS. LATEST INFORMATION INCLUDING POSITIONS AND
 DI0466'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
 DI0466'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
 DI0466' ftp cors.ngs.noaa.gov: cors/coord and cors/station_log
 DI0466' http://geodesy.noaa.gov/CORS

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011

DI0468 *****

DI0468 CORS - This is a GPS Continuously Operating Reference Station.

DI0468 DESIGNATION - KINGSTON NY CORS ARP

DI0468 CORS_ID - NYKT

DI0468 PID - DI0468

DI0468 STATE/COUNTY- NY/ULSTER

DI0468 USGS QUAD - KINGSTON WEST (1980)

DI0468

DI0468 *CURRENT SURVEY CONTROL

DI0468

DI0468* NAD 83(CORS)- 41 56 12.97178(N) 074 01 52.21841(W) ADJUSTED

DI0468* NAVD 88 - 62.016 (meters) 203.46 (feet) ADJUSTED

DI0468

DI0468 EPOCH DATE - 2002.00

DI0468 X - 1,307,262.376 (meters) COMP

DI0468 Y - -4,568,344.561 (meters) COMP

DI0468 Z - 4,240,416.097 (meters) COMP

DI0468 ELLIP HEIGHT- 30.355 (meters) (06/??/06) ADJUSTED

DI0468 GEOID HEIGHT- -31.60 (meters) GEOID09

DI0468 HORZ ORDER - SPECIAL (CORS)

DI0468 VERT ORDER - SECOND CLASS II

DI0468 ELLP ORDER - SPECIAL (CORS)

DI0468

DI0468.[ITRF positions](#) are available for this station.

DI0468.The coordinates were established by GPS observations

DI0468.and adjusted by the National Geodetic Survey in June 2006.

DI0468.The coordinates are valid at the epoch date displayed above.

DI0468.The epoch date for horizontal control is a decimal equivalence

DI0468.of Year/Month/Day.

DI0468

DI0468.The orthometric height was determined by differential leveling and
DI0468.adjusted in March 2009.

DI0468

DI0468.The PID for the CORS L1 Phase Center is DI0469.

DI0468

DI0468.The XYZ, and position/ellipsoidal ht. are equivalent.

DI0468

DI0468.The ellipsoidal height was determined by GPS observations

DI0468.and is referenced to NAD 83.

DI0468

DI0468.The geoid height was determined by GEOID09.

DI0468

DI0468;		North	East	Units	Scale Factor	Converg.
DI0468;SPC NY E	-	344,702.429	188,877.263	MT	0.99991859	+0 18 48.0
DI0468;SPC NY E	-	1,130,911.22	619,674.82	sFT	0.99991859	+0 18 48.0

DI0468

DI0468! - Elev Factor x Scale Factor = Combined Factor

DI0468!SPC NY E - 0.99999524 x 0.99991859 = 0.99991383

DI0468

SUPERSEDED SURVEY CONTROL

DI0468

DI0468.No superseded survey control is available for this station.

DI0468

DI0468_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TWM8031543228(NAD 83)

DI0468_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA

DI0468_MAGNETIC: N = NO MAGNETIC MATERIAL

DI0468

STATION DESCRIPTION

DI0468

DI0468'DESCRIBED BY NATIONAL GEODETIC SURVEY 2006

DI0468'STATION IS A GPS CORS. LATEST INFORMATION INCLUDING POSITIONS AND
DI0468'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
DI0468'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.

DI0468' ftp cors.ngs.noaa.gov: cors/coord and cors/station_log

DI0468' http://geodesy.noaa.gov/CORS

1 National Geodetic Survey, Retrieval Date = DECEMBER 6, 2011

DI0608 *****

DI0608 CORS - This is a GPS Continuously Operating Reference Station.

DI0608 DESIGNATION - ONEONTA CORS ARP

DI0608 CORS_ID - NYON

DI0608 PID - DI0608

DI0608 STATE/COUNTY- NY/OTSEGO

DI0608 USGS QUAD - ONEONTA (1982)

DI0608

*CURRENT SURVEY CONTROL

DI0608

DI0608*	NAD 83(CORS)-	42 26 24.81517(N)	075 06 42.50851(W)	ADJUSTED
DI0608*	NAVD 88	- 338.053 (meters)	1109.10 (feet)	ADJUSTED

DI0608

DI0608	EPOCH DATE	- 2002.00		
DI0608	X	- 1,211,279.245 (meters)		COMP
DI0608	Y	- 4,556,100.541 (meters)		COMP
DI0608	Z	- 4,282,024.240 (meters)		COMP
DI0608	ELLIP HEIGHT-	307.070 (meters)	(07/??/06)	ADJUSTED
DI0608	GEOID HEIGHT-	-30.98 (meters)		GEOID09

DI0608

DI0608 X - 1,211,279.245 (meters) COMP

DI0608 Y - 4,556,100.541 (meters) COMP

DI0608 Z - 4,282,024.240 (meters) COMP

DI0608 ELLIP HEIGHT- 307.070 (meters) (07/??/06) ADJUSTED

DI0608 GEOID HEIGHT- -30.98 (meters) GEOID09

DI0608 HORZ ORDER - SPECIAL (CORS)

DI0608 VERT ORDER - SECOND CLASS II

DI0608 ELLP ORDER - SPECIAL (CORS)

DI0608

DI0608.[ITRF positions](#) are available for this station.
 DI0608.The coordinates were established by GPS observations
 DI0608.and adjusted by the National Geodetic Survey in July 2006.
 DI0608.The coordinates are valid at the epoch date displayed above.
 DI0608.The epoch date for horizontal control is a decimal equivalence
 DI0608.of Year/Month/Day.
 DI0608
 DI0608.The orthometric height was determined by differential leveling and
 DI0608.adjusted in April 2010.
 DI0608.No vertical observational check was made to the station.
 DI0608
 DI0608.The PID for the CORS L1 Phase Center is DI0609.
 DI0608
 DI0608.The XYZ, and position/ellipsoidal ht. are equivalent.
 DI0608
 DI0608.The ellipsoidal height was determined by GPS observations
 DI0608.and is referenced to NAD 83.
 DI0608
 DI0608.The geoid height was determined by GEOID09.
 DI0608
 DI0608;

	North	East	Units	Scale Factor	Converg.
DI0608;SPC NY E	- 400,675.783	99,667.068	MT	0.99993116	-0 24 46.3
DI0608;SPC NY E	- 1,314,550.46	326,991.04	sFT	0.99993116	-0 24 46.3

 DI0608
 DI0608!

	Elev Factor	x	Scale Factor	=	Combined Factor
DI0608!SPC NY E	- 0.99995184	x	0.99993116	=	0.99988301

 DI0608
 DI0608

SUPERSEDED SURVEY CONTROL

 DI0608
 DI0608.No superseded survey control is available for this station.
 DI0608
 DI0608_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TVM9080498661(NAD 83)
 DI0608_MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA
 DI0608_MAGNETIC: N = NO MAGNETIC MATERIAL
 DI0608

STATION DESCRIPTION

 DI0608
 DI0608'DESCRIBED BY NATIONAL GEODETIC SURVEY 2006
 DI0608'STATION IS A GPS CORS. LATEST INFORMATION INCLUDING POSITIONS AND
 DI0608'VELOCITIES ARE AVAILABLE IN THE COORDINATE AND LOG FILES ACCESSIBLE
 DI0608'BY ANONYMOUS FTP OR THE WORLDWIDE WEB.
 DI0608' ftp cors.ngs.noaa.gov: cors/coord and cors/station_log
 DI0608' http://geodesy.noaa.gov/CORS

*** retrieval complete.
 Elapsed Time = 00:00:01

GPS NETWORK ADJUSTMENT REPORT (MINIMALLY CONSTRAINED)

Network Adjustment

www.MOVE3.com

(c) 1993-2008 Grontmij

Licensed to Leica Geosystems AG

Created: 09/18/2013 16:41:01


Project Information

Project name: FEMA NYCDEP Prime Control (2)
 Date created: 09/18/2013 16:38:46
 Time zone: -5h 00'
 Coordinate system name: NJNYEast (GRS80) Geoid09
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

General Information

Adjustment

Type: Minimally constrained
 Dimension: 3D
 Coordinate system: WGS 1984
 Height mode: Ellipsoidal

Number of iterations: 1
 Maximum coord correction in last iteration: 0.0000 fts  (tolerance is met)

Stations

Number of (partly) known stations: 1
 Number of unknown stations: 20
 Total: 21

Observations

GPS coordinate differences: 330 (110 baselines)
 Known coordinates: 3
 Total: 333


Unknowns

Coordinates: 63
 Total: 63

Degrees of freedom: 270

Testing

Alfa (multi dimensional): 0.6969
 Alfa 0 (one dimensional): 5.0 %
 Beta: 80.0 %
 Sigma a-priori (GPS): 10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.95	
F-test:	3.25	 (rejected)

Results based on a-posteriori variance factor

Input data

Approximate Coordinates

Station	Latitude	Longitude	Height [fts]	
AA7906	42° 18' 04.78995" N	74° 53' 51.05977" W	1318.4324	
AA7928	42° 07' 52.34065" N	74° 39' 49.23537" W	1220.4337	Known in Position and Height
AB3881	42° 01' 30.16676" N	74° 16' 13.89122" W	556.8821	
ANDES	42° 11' 06.75396" N	74° 48' 02.96043" W	1718.0222	
BOICEVILLE	42° 00' 19.49173" N	74° 15' 59.29630" W	523.3493	
CLARYVILLE	41° 54' 58.11794" N	74° 34' 22.10449" W	1518.2466	
DELHI	42° 16' 19.29112" N	74° 55' 36.38547" W	1456.7700	
DH3545	42° 27' 27.79223" N	74° 27' 25.04329" W	735.6591	
FLEISHMANN'S	42° 09' 22.47660" N	74° 32' 06.40596" W	1391.2903	
HUNTER	42° 12' 45.44959" N	74° 13' 22.85068" W	1497.6473	
MARGARETVILLE	42° 08' 55.47279" N	74° 38' 42.75590" W	1220.2746	
NYCS	42° 40' 02.83667" N	74° 29' 10.94851" W	888.0527	
NYHC	41° 57' 29.98185" N	75° 17' 33.87629" W	855.3675	
NYHS	42° 15' 08.35963" N	73° 45' 27.16055" W	72.4080	
NYKT	41° 56' 12.97178" N	74° 01' 52.21841" W	99.5897	
NYON	42° 26' 24.81517" N	75° 06' 42.50851" W	1007.4455	
PHOENICIA	42° 04' 52.66981" N	74° 19' 03.41511" W	737.0669	
SOUTH KORTRIGHT	42° 20' 32.04393" N	74° 43' 05.30690" W	1421.3623	
STAMFORD	42° 24' 28.64304" N	74° 37' 03.65224" W	1731.1000	
SUNDOWN	41° 51' 11.56242" N	74° 30' 48.43623" W	757.4973	
WALTON	42° 10' 02.90517" N	75° 07' 59.75081" W	1108.4706	

Observations

	Station	Target	St. ih	Tg. ih	Reading
DX	NYHC	NYON			17302.4811 fts
DY					126469.1306 fts
DZ					130206.1919 fts
DX	NYKT	DH3545			-145531.5439 fts
DY					90904.9863 fts
DZ					141030.4779 fts
DX	NYHS	NYKT			-49973.2149 fts
DY					-94643.6244 fts
DZ					-85266.3166 fts
DX	NYHS	DH3545			-195504.7689 fts
DY					-3738.6251 fts
DZ					55764.1605 fts

DX	NYCS	NYHS	216953.2102 fts
DY			-43848.0730 fts
DZ			-112168.5212 fts
DX	NYCS	DH3545	21448.4485 fts
DY			-47586.7042 fts
DZ			-56404.3719 fts
DX	NYON	NYCS	147924.6426 fts
DY			98321.1235 fts
DZ			60925.4573 fts
DX	NYON	DH3545	169373.0961 fts
DY			50734.4016 fts
DZ			4521.0871 fts
DX	AA7906	DH3545	104546.3782 fts
DY			68925.4854 fts
DZ			41710.6309 fts
DX	AA7928	WALTON	-125285.4720 fts
DY			-24535.1408 fts
DZ			9724.3602 fts
DX	AA7928	MARGARETVILLE	3695.3496 fts
DY			5460.9161 fts
DZ			4738.9315 fts
DX	AA7928	HUNTER	109800.9728 fts
DY			51032.8568 fts
DZ			22177.7592 fts
DX	AA7928	ANDES	-39257.9818 fts
DY			2594.8704 fts
DZ			14923.7766 fts
DX	SOUTH KORTRIGHT	SUNDOWN	85129.5672 fts
DY			-99982.5013 fts
DZ			-132683.2360 fts
DX	SOUTH KORTRIGHT	FLEISHMANNS	59862.4954 fts
DY			-30784.8530 fts
DZ			-50196.5085 fts
DX	SOUTH KORTRIGHT	BOICEVILLE	139841.5555 fts
DY			-46033.2787 fts
DZ			-91574.9562 fts
DX	STAMFORD	PHOENICIA	99523.0295 fts
DY			-54646.6535 fts
DZ			-88799.3482 fts
DX	STAMFORD	CLARYVILLE	43647.7525 fts
DY			-112605.4638 fts
DZ			-133005.3778 fts
DX	STAMFORD	BOICEVILLE	117868.0204 fts
DY			-68560.3878 fts
DZ			-109479.2162 fts
DX	FLEISHMANNS	SUNDOWN	25267.0802 fts
DY			-69197.6570 fts
DZ			-82486.7091 fts
DX	PHOENICIA	CLARYVILLE	-55875.2781 fts
DY			-57958.8077 fts
DZ			-44206.0372 fts
DX	HUNTER	WALTON	-235086.4655 fts
DY			-75567.9931 fts
DZ			-12453.4067 fts
DX			

	AB3881	MARGARETVILLE	-105956.7523 fts
DY			1381.7784 fts
DZ			33899.1459 fts
DX	AB3881	ANDES	-148910.0613 fts
DY			-1484.3183 fts
DZ			44084.0050 fts
DX	NYHC	WALTON	28889.8142 fts
DY			60243.7586 fts
DZ			56755.7615 fts
DX	NYHC	SUNDOWN	211467.3913 fts
DY			30622.2033 fts
DZ			-28574.8991 fts
DX	NYHC	STAMFORD	148311.3825 fts
DY			153131.8470 fts
DZ			122012.5662 fts
DX	NYHC	SOUTH KORTRIGHT	126337.8268 fts
DY			130604.7051 fts
DZ			104108.3449 fts
DX	NYHC	FLEISHMANN'S	186200.3409 fts
DY			99819.8305 fts
DZ			53911.8618 fts
DX	NYHC	DELHI	76381.8850 fts
DY			99179.8974 fts
DZ			85208.4399 fts
DX	NYHC	CLARYVILLE	191959.1404 fts
DY			40526.3979 fts
DZ			-10992.8044 fts
DX	ANDES	WALTON	-86027.5001 fts
DY			-27129.9935 fts
DZ			-5199.4390 fts
DX	ANDES	STAMFORD	33394.0549 fts
DY			65758.1378 fts
DZ			60057.3174 fts
DX	ANDES	SOUTH KORTRIGHT	11420.5100 fts
DY			43231.0109 fts
DZ			42153.0790 fts
DX	ANDES	PHOENICIA	132917.0748 fts
DY			11111.5168 fts
DZ			-28742.0491 fts
DX	ANDES	HUNTER	149058.9651 fts
DY			48438.0033 fts
DZ			7253.9632 fts
DX	ANDES	FLEISHMANN'S	71283.0085 fts
DY			12446.1403 fts
DZ			-8043.4146 fts
DX	ANDES	DELHI	-38535.4643 fts
DY			11806.1559 fts
DZ			23253.2084 fts
DX	ANDES	BOICEVILLE	151262.0716 fts
DY			-2802.2487 fts
DZ			-49421.8999 fts
DX	DH3545	MARGARETVILLE	-28804.9345 fts

DY			-86963.7731 fts
DZ			-82956.9166 fts
DX	DH3545	ANDES	-71758.2508 fts
DY			-89829.8434 fts
DZ			-72772.0547 fts
DX	NYKT	SUNDOWN	-120739.7011 fts
DY			-55676.3323 fts
DZ			-22271.7106 fts
DX	NYKT	STAMFORD	-183895.7023 fts
DY			66833.2436 fts
DZ			128315.7775 fts
DX	NYKT	SOUTH KORTRIGHT	-205869.2648 fts
DY			44306.1723 fts
DZ			110411.5249 fts
DX	NYKT	PHOENICIA	-84372.6752 fts
DY			12186.6288 fts
DZ			39516.4195 fts
DX	NYKT	HUNTER	-68230.8169 fts
DY			49513.1621 fts
DZ			75512.3925 fts
DX	NYKT	FLEISHMANNS	-146006.7547 fts
DY			13521.2847 fts
DZ			60215.0421 fts
DX	NYKT	CLARYVILLE	-140247.9460 fts
DY			-45772.1978 fts
DZ			-4689.6066 fts
DX	NYKT	BOICEVILLE	-66027.7072 fts
DY			-1727.1289 fts
DZ			18836.5558 fts
DX	NYHS	SUNDOWN	-170712.9080 fts
DY			-150319.9401 fts
DZ			-107538.0453 fts
DX	NYHS	STAMFORD	-233868.9227 fts
DY			-27810.3525 fts
DZ			43049.4253 fts
DX	NYHS	SOUTH KORTRIGHT	-255842.4726 fts
DY			-50337.4303 fts
DZ			25145.1805 fts
DX	NYHS	PHOENICIA	-134345.8990 fts
DY			-82456.9614 fts
DZ			-45749.9456 fts
DX	NYHS	HUNTER	-118204.0339 fts
DY			-45130.4463 fts
DZ			-9753.9353 fts
DX	NYHS	FLEISHMANNS	-195979.9658 fts
DY			-81122.3072 fts
DZ			-25051.3137 fts
DX	NYHS	CLARYVILLE	-190221.1682 fts
DY			-140415.7897 fts
DZ			-89955.9689 fts
DX	NYHS	BOICEVILLE	-116000.9197 fts
DY			-96370.7402 fts

DZ			-66429.7644 fts
DX	NYCS	WALTON	-136337.3210 fts
DY			-164546.4357 fts
DZ			-134375.9056 fts
DX	NYCS	STAMFORD	-16915.7374 fts
DY			-71658.3647 fts
DZ			-69119.1378 fts
DX	NYCS	SOUTH KORTRIGHT	-38889.2859 fts
DY			-94185.4730 fts
DZ			-87023.3520 fts
DX	NYCS	PHOENICIA	82607.2811 fts
DY			-126304.9809 fts
DZ			-157918.5059 fts
DX	NYCS	HUNTER	98749.1340 fts
DY			-88978.4472 fts
DZ			-121922.5015 fts
DX	NYCS	FLEISHMANNS	20973.2177 fts
DY			-124970.3319 fts
DZ			-137219.8642 fts
DX	NYCS	DELHI	-88845.2317 fts
DY			-125610.4065 fts
DZ			-105923.2282 fts
DX	NYCS	BOICEVILLE	100952.2738 fts
DY			-140218.7730 fts
DZ			-178598.3077 fts
DX	NYON	WALTON	11587.3156 fts
DY			-66225.3360 fts
DZ			-73450.4429 fts
DX	NYON	STAMFORD	131008.8964 fts
DY			26662.7470 fts
DZ			-8193.6543 fts
DX	NYON	SOUTH KORTRIGHT	109035.3438 fts
DY			4135.6308 fts
DZ			-26097.8854 fts
DX	NYON	PHOENICIA	230531.9257 fts
DY			-27983.8803 fts
DZ			-96993.0051 fts
DX	NYON	HUNTER	246673.7696 fts
DY			9342.6546 fts
DZ			-60997.0437 fts
DX	NYON	FLEISHMANNS	168897.8522 fts
DY			-26649.2344 fts
DZ			-76294.3855 fts
DX	NYON	DELHI	59079.4118 fts
DY			-27289.2654 fts
DZ			-44997.7504 fts
DX	NYON	CLARYVILLE	174656.6487 fts
DY			-85942.6927 fts
DZ			-141199.0382 fts
DX	AA7906	MARGARETVILLE	75741.4201 fts
DY			-18038.2202 fts
DZ			-41246.3146 fts

DX	AA7906	ANDES	32788.1008 fts
DY			-20904.3049 fts
DZ			-31061.4466 fts
DX	MARGARETVILLE	WALTON	-128980.8287 fts
DY			-29996.0418 fts
DZ			4985.4117 fts
DX	MARGARETVILLE	STAMFORD	-9559.2592 fts
DY			62892.0832 fts
DZ			70242.1530 fts
DX	MARGARETVILLE	SOUTH KORTRIGHT	-31532.8111 fts
DY			40364.9198 fts
DZ			52337.9379 fts
DX	MARGARETVILLE	PHOENICIA	89963.7693 fts
DY			8245.4393 fts
DZ			-18557.1956 fts
DX	MARGARETVILLE	HUNTER	106105.6360 fts
DY			45571.9534 fts
DZ			17438.8186 fts
DX	MARGARETVILLE	FLEISHMANN	28329.6946 fts
DY			9580.0555 fts
DZ			2141.4465 fts
DX	MARGARETVILLE	DELHI	-81488.7488 fts
DY			8940.0774 fts
DZ			33438.0648 fts
DX	MARGARETVILLE	BOICEVILLE	108308.7540 fts
DY			-5668.3289 fts
DZ			-39237.0402 fts
DX	NYHC	MARGARETVILLE	157870.6416 fts
DY			90239.7816 fts
DZ			51770.3635 fts
DX	NYHC	MARGARETVILLE	157870.6402 fts
DY			90239.7796 fts
DZ			51770.3870 fts
DX	ANDES	MARGARETVILLE	42953.3409 fts
DY			2866.0384 fts
DZ			-10184.8217 fts
DX	ANDES	MARGARETVILLE	42953.3298 fts
DY			2866.0219 fts
DZ			-10184.8134 fts
DX	NYKT	MARGARETVILLE	-174336.4797 fts
DY			3941.2353 fts
DZ			58073.5476 fts
DX	NYKT	MARGARETVILLE	-174336.4473 fts
DY			3941.2089 fts
DZ			58073.5953 fts
DX	NYHS	MARGARETVILLE	-224309.6923 fts
DY			-90702.3963 fts
DZ			-27192.7615 fts
DX	NYHS	MARGARETVILLE	-224309.6639 fts
DY			-90702.3923 fts
DZ			-27192.7455 fts
DX	NYCS	MARGARETVILLE	-7356.4809 fts
DY			-134550.4749 fts

DZ			-139361.2826 fts
DX	NYCS	MARGARETVILLE	-7356.4865 fts
DY			-134550.4128 fts
DZ			-139361.3020 fts
DX	NYON	MARGARETVILLE	140568.1603 fts
DY			-36229.3520 fts
DZ			-78435.8247 fts
DX	NYON	MARGARETVILLE	140568.1485 fts
DY			-36229.3070 fts
DZ			-78435.8345 fts
DX	NYKT	ANDES	-217289.7976 fts
DY			1075.1668 fts
DZ			68258.4016 fts
DX	NYKT	ANDES	-217289.7883 fts
DY			1075.1355 fts
DZ			68258.4057 fts
DX	NYKT	ANDES	-217289.7666 fts
DY			1075.1496 fts
DZ			68258.4432 fts
DX	NYHC	ANDES	114917.3377 fts
DY			87373.6758 fts
DZ			61955.2265 fts
DX	NYHC	ANDES	114917.3150 fts
DY			87373.7270 fts
DZ			61955.2062 fts
DX	NYHC	ANDES	114917.3217 fts
DY			87373.7108 fts
DZ			61955.2407 fts
DX	NYHC	ANDES	114917.3261 fts
DY			87373.7015 fts
DZ			61955.2368 fts
DX	NYCS	ANDES	-50309.7985 fts
DY			-137416.5522 fts
DZ			-129176.4282 fts
DX	NYCS	ANDES	-50309.7824 fts
DY			-137416.5932 fts
DZ			-129176.4122 fts
DX	NYCS	ANDES	-50309.8042 fts
DY			-137416.4805 fts
DZ			-129176.4500 fts
DX	NYCS	ANDES	-50309.8027 fts
DY			-137416.4740 fts
DZ			-129176.4749 fts
DX	NYON	ANDES	97614.8480 fts
DY			-39095.4434 fts
DZ			-68250.9643 fts
DX	NYON	ANDES	97614.8476 fts
DY			-39095.4418 fts
DZ			-68250.9638 fts
DX	NYON	ANDES	97614.8311 fts
DY			-39095.3752 fts
DZ			-68250.9812 fts
DX	NYON	ANDES	97614.8425 fts
DY			-39095.3862 fts
DZ			

-68250.9732 fts

Standard deviations

	Station	Target	Sd. abs / Cor	Sd. rel / Cor	Sd. tot / Cor
DX	NYHC	NYON	0.0024 fts	-	-
DY			-0.3445	0.0051 fts	-
DZ			0.2537	-0.6206	0.0044 fts
DX	NYKT	DH3545	0.0072 fts	-	-
DY			-0.3822	0.0140 fts	-
DZ			0.2067	-0.5326	0.0114 fts
DX	NYHS	NYKT	0.0022 fts	-	-
DY			-0.4188	0.0043 fts	-
DZ			0.3021	-0.6037	0.0039 fts
DX	NYHS	DH3545	0.0074 fts	-	-
DY			-0.4497	0.0136 fts	-
DZ			0.2512	-0.5048	0.0115 fts
DX	NYCS	NYHS	0.0025 fts	-	-
DY			-0.4233	0.0047 fts	-
DZ			0.3047	-0.6010	0.0043 fts
DX	NYCS	DH3545	0.0067 fts	-	-
DY			-0.4189	0.0129 fts	-
DZ			0.2416	-0.5187	0.0106 fts
DX	NYON	NYCS	0.0024 fts	-	-
DY			-0.3613	0.0050 fts	-
DZ			0.2655	-0.6179	0.0044 fts
DX	NYON	DH3545	0.0061 fts	-	-
DY			-0.2982	0.0131 fts	-
DZ			0.1783	-0.5895	0.0101 fts
DX	AA7906	DH3545	0.0211 fts	-	-
DY			-0.5452	0.0473 fts	-
DZ			0.0976	-0.6734	0.0319 fts
DX	AA7928	WALTON	0.0146 fts	-	-
DY			-0.3491	0.0279 fts	-
DZ			0.1929	-0.5376	0.0238 fts
DX	AA7928	MARGARETVILLE	0.0037 fts	-	-
DY			-0.3843	0.0079 fts	-
DZ			0.4124	-0.5869	0.0067 fts
DX	AA7928	HUNTER	0.0154 fts	-	-
DY			-0.3962	0.0297 fts	-
DZ			0.3051	-0.5368	0.0253 fts
DX	AA7928	ANDES	0.0048 fts	-	-
DY			-0.3676	0.0110 fts	-
DZ			0.4101	-0.6009	0.0089 fts
DX	SOUTH KORTRIGHT	SUNDOWN	0.0110 fts	-	-
DY			-0.5225	0.0205 fts	-
DZ			0.4726	-0.5745	0.0150 fts
DX	SOUTH KORTRIGHT	FLEISHMANNS	0.0114 fts	-	-
DY			-0.4189	0.0198 fts	-
DZ			0.5767	-0.5902	0.0192 fts
DX	SOUTH KORTRIGHT	BOICEVILLE	0.0271 fts	-	-

DY			-0.5327	0.0530 fts	-
DZ			0.3028	-0.5727	0.0392 fts
DX	STAMFORD	PHOENICIA	0.0153 fts	-	-
DY			-0.6449	0.0287 fts	-
DZ			0.6223	-0.7317	0.0219 fts
DX	STAMFORD	CLARYVILLE	0.0120 fts	-	-
DY			-0.5027	0.0243 fts	-
DZ			0.5012	-0.6926	0.0197 fts
DX	STAMFORD	BOICEVILLE	0.0181 fts	-	-
DY			-0.4352	0.0359 fts	-
DZ			0.2978	-0.7502	0.0399 fts
DX	FLEISHMANNS	SUNDOWN	0.0146 fts	-	-
DY			-0.5059	0.0244 fts	-
DZ			0.6190	-0.5987	0.0209 fts
DX	PHOENICIA	CLARYVILLE	0.0110 fts	-	-
DY			-0.5712	0.0210 fts	-
DZ			0.5558	-0.6742	0.0162 fts
DX	HUNTER	WALTON	0.0063 fts	-	-
DY			-0.4162	0.0117 fts	-
DZ			0.0929	-0.5123	0.0105 fts
DX	AB3881	MARGARETVILLE	0.0086 fts	-	-
DY			-0.4285	0.0174 fts	-
DZ			0.3476	-0.7120	0.0165 fts
DX	AB3881	ANDES	0.0107 fts	-	-
DY			-0.4098	0.0235 fts	-
DZ			0.3462	-0.7351	0.0202 fts
DX	NYHC	WALTON	0.0052 fts	-	-
DY			-0.3983	0.0094 fts	-
DZ			0.0463	-0.5021	0.0088 fts
DX	NYHC	SUNDOWN	0.0075 fts	-	-
DY			-0.5096	0.0139 fts	-
DZ			0.3801	-0.6043	0.0113 fts
DX	NYHC	STAMFORD	0.0094 fts	-	-
DY			-0.4869	0.0185 fts	-
DZ			0.4476	-0.7008	0.0166 fts
DX	NYHC	SOUTH KORTRIGHT	0.0082 fts	-	-
DY			-0.4558	0.0151 fts	-
DZ			0.4840	-0.5733	0.0126 fts
DX	NYHC	FLEISHMANNS	0.0084 fts	-	-
DY			-0.3979	0.0164 fts	-
DZ			0.5075	-0.6533	0.0161 fts
DX	NYHC	DELHI	0.0068 fts	-	-
DY			-0.4545	0.0136 fts	-
DZ			0.4463	-0.6057	0.0109 fts
DX	NYHC	CLARYVILLE	0.0094 fts	-	-
DY			-0.4852	0.0188 fts	-
DZ			0.4843	-0.6583	0.0151 fts
DX	ANDES	WALTON	0.0083 fts	-	-
DY			-0.3971	0.0155 fts	-
DZ			0.0473	-0.5072	0.0143 fts
DX	ANDES	STAMFORD	0.0101 fts	-	-
DY			-0.4816	0.0211 fts	-
DZ			0.4527	-0.7169	0.0182 fts

DX	ANDES	SOUTH KORTRIGHT	0.0096 fts	-	-
DY			-0.4547	0.0179 fts	-
DZ			0.4853	-0.5756	0.0147 fts
DX	ANDES	PHOENICIA	0.0107 fts	-	-
DY			-0.5132	0.0214 fts	-
DZ			0.4804	-0.6259	0.0164 fts
DX	ANDES	HUNTER	0.0087 fts	-	-
DY			-0.4426	0.0167 fts	-
DZ			0.1717	-0.5215	0.0145 fts
DX	ANDES	FLEISHMANN'S	0.0095 fts	-	-
DY			-0.3918	0.0195 fts	-
DZ			0.5089	-0.6620	0.0184 fts
DX	ANDES	DELHI	0.0099 fts	-	-
DY			-0.4978	0.0199 fts	-
DZ			0.5118	-0.6569	0.0157 fts
DX	ANDES	BOICEVILLE	0.0095 fts	-	-
DY			-0.4069	0.0200 fts	-
DZ			0.2141	-0.7127	0.0195 fts
DX	DH3545	MARGARETVILLE	0.0076 fts	-	-
DY			-0.4177	0.0148 fts	-
DZ			0.2414	-0.5256	0.0120 fts
DX	DH3545	ANDES	0.0102 fts	-	-
DY			-0.4290	0.0203 fts	-
DZ			0.2505	-0.5313	0.0161 fts
DX	NYKT	SUNDOWN	0.0073 fts	-	-
DY			-0.5096	0.0135 fts	-
DZ			0.3801	-0.6043	0.0111 fts
DX	NYKT	STAMFORD	0.0087 fts	-	-
DY			-0.4869	0.0171 fts	-
DZ			0.4476	-0.7008	0.0153 fts
DX	NYKT	SOUTH KORTRIGHT	0.0080 fts	-	-
DY			-0.4558	0.0147 fts	-
DZ			0.4840	-0.5733	0.0122 fts
DX	NYKT	PHOENICIA	0.0086 fts	-	-
DY			-0.5148	0.0167 fts	-
DZ			0.4777	-0.6207	0.0130 fts
DX	NYKT	HUNTER	0.0065 fts	-	-
DY			-0.4573	0.0120 fts	-
DZ			0.1743	-0.5043	0.0107 fts
DX	NYKT	FLEISHMANN'S	0.0080 fts	-	-
DY			-0.3979	0.0158 fts	-
DZ			0.5075	-0.6533	0.0154 fts
DX	NYKT	CLARYVILLE	0.0095 fts	-	-
DY			-0.4852	0.0190 fts	-
DZ			0.4843	-0.6583	0.0153 fts
DX	NYKT	BOICEVILLE	0.0079 fts	-	-
DY			-0.4291	0.0150 fts	-
DZ			0.2129	-0.6844	0.0154 fts
DX	NYHS	SUNDOWN	0.0080 fts	-	-
DY			-0.5096	0.0149 fts	-
DZ			0.3801	-0.6043	0.0122 fts
DX	NYHS	STAMFORD	0.0081 fts	-	-

DY			-0.4869	0.0160 fts	-
DZ			0.4476	-0.7008	0.0143 fts
DX	NYHS	SOUTH KORTRIGHT	0.0081 fts	-	-
DY			-0.4558	0.0150 fts	-
DZ			0.4840	-0.5733	0.0125 fts
DX	NYHS	PHOENICIA	0.0091 fts	-	-
DY			-0.5177	0.0176 fts	-
DZ			0.4829	-0.6227	0.0138 fts
DX	NYHS	HUNTER	0.0067 fts	-	-
DY			-0.4571	0.0122 fts	-
DZ			0.1743	-0.5043	0.0109 fts
DX	NYHS	FLEISHMANNS	0.0084 fts	-	-
DY			-0.3979	0.0164 fts	-
DZ			0.5075	-0.6533	0.0161 fts
DX	NYHS	CLARYVILLE	0.0102 fts	-	-
DY			-0.4863	0.0203 fts	-
DZ			0.4861	-0.6589	0.0164 fts
DX	NYHS	BOICEVILLE	0.0081 fts	-	-
DY			-0.4291	0.0155 fts	-
DZ			0.2129	-0.6844	0.0159 fts
DX	NYCS	WALTON	0.0052 fts	-	-
DY			-0.3985	0.0095 fts	-
DZ			0.0464	-0.5021	0.0089 fts
DX	NYCS	STAMFORD	0.0076 fts	-	-
DY			-0.4869	0.0150 fts	-
DZ			0.4476	-0.7008	0.0134 fts
DX	NYCS	SOUTH KORTRIGHT	0.0076 fts	-	-
DY			-0.4558	0.0139 fts	-
DZ			0.4840	-0.5733	0.0116 fts
DX	NYCS	PHOENICIA	0.0086 fts	-	-
DY			-0.5147	0.0167 fts	-
DZ			0.4775	-0.6205	0.0130 fts
DX	NYCS	HUNTER	0.0061 fts	-	-
DY			-0.4573	0.0112 fts	-
DZ			0.1743	-0.5043	0.0100 fts
DX	NYCS	FLEISHMANNS	0.0074 fts	-	-
DY			-0.3979	0.0146 fts	-
DZ			0.5075	-0.6533	0.0142 fts
DX	NYCS	DELHI	0.0071 fts	-	-
DY			-0.4545	0.0143 fts	-
DZ			0.4463	-0.6057	0.0115 fts
DX	NYCS	BOICEVILLE	0.0081 fts	-	-
DY			-0.4291	0.0155 fts	-
DZ			0.2129	-0.6844	0.0159 fts
DX	NYON	WALTON	0.0047 fts	-	-
DY			-0.3944	0.0086 fts	-
DZ			0.0446	-0.5026	0.0080 fts
DX	NYON	STAMFORD	0.0074 fts	-	-
DY			-0.4869	0.0145 fts	-
DZ			0.4476	-0.7008	0.0130 fts
DX	NYON	SOUTH KORTRIGHT	0.0069 fts	-	-

DY			-0.4558	0.0127 fts	-
DZ			0.4840	-0.5733	0.0106 fts
DX	NYON	PHOENICIA	0.0078 fts	-	-
DY			-0.5147	0.0152 fts	-
DZ			0.4775	-0.6205	0.0119 fts
DX	NYON	HUNTER	0.0056 fts	-	-
DY			-0.4538	0.0103 fts	-
DZ			0.1731	-0.5044	0.0092 fts
DX	NYON	FLEISHMANNS	0.0069 fts	-	-
DY			-0.3979	0.0136 fts	-
DZ			0.5075	-0.6533	0.0133 fts
DX	NYON	DELHI	0.0048 fts	-	-
DY			-0.4545	0.0095 fts	-
DZ			0.4463	-0.6057	0.0076 fts
DX	NYON	CLARYVILLE	0.0084 fts	-	-
DY			-0.4852	0.0167 fts	-
DZ			0.4843	-0.6583	0.0135 fts
DX	AA7906	MARGARETVILLE	0.0187 fts	-	-
DY			-0.5681	0.0324 fts	-
DZ			-0.0882	-0.4912	0.0259 fts
DX	AA7906	ANDES	0.0184 fts	-	-
DY			-0.5393	0.0336 fts	-
DZ			-0.0485	-0.4955	0.0269 fts
DX	MARGARETVILLE	WALTON	0.0057 fts	-	-
DY			-0.3985	0.0104 fts	-
DZ			0.0464	-0.5021	0.0097 fts
DX	MARGARETVILLE	STAMFORD	0.0083 fts	-	-
DY			-0.4866	0.0163 fts	-
DZ			0.4475	-0.7011	0.0146 fts
DX	MARGARETVILLE	SOUTH KORTRIGHT	0.0080 fts	-	-
DY			-0.4560	0.0148 fts	-
DZ			0.4834	-0.5735	0.0123 fts
DX	MARGARETVILLE	PHOENICIA	0.0085 fts	-	-
DY			-0.5147	0.0166 fts	-
DZ			0.4775	-0.6205	0.0129 fts
DX	MARGARETVILLE	HUNTER	0.0060 fts	-	-
DY			-0.4573	0.0110 fts	-
DZ			0.1743	-0.5043	0.0098 fts
DX	MARGARETVILLE	FLEISHMANNS	0.0028 fts	-	-
DY			-0.3979	0.0055 fts	-
DZ			0.5075	-0.6533	0.0054 fts
DX	MARGARETVILLE	DELHI	0.0059 fts	-	-
DY			-0.4544	0.0119 fts	-
DZ			0.4461	-0.6058	0.0095 fts
DX	MARGARETVILLE	BOICEVILLE	0.0089 fts	-	-
DY			-0.4291	0.0170 fts	-
DZ			0.2129	-0.6845	0.0175 fts
DX	NYHC	MARGARETVILLE	0.0035 fts	-	-
DY			-0.4204	0.0068 fts	-
DZ			0.2796	-0.5912	0.0060 fts
DX	NYHC	MARGARETVILLE	0.0030 fts	-	-
DY			-0.4123	0.0059 fts	-
DZ			0.3138	-0.6088	0.0053 fts

DX	ANDES	MARGARETVILLE	0.0043 fts	-	-
DY			-0.3924	0.0086 fts	-
DZ			0.1170	-0.5057	0.0076 fts
DX	ANDES	MARGARETVILLE	0.0058 fts	-	-
DY			-0.4617	0.0120 fts	-
DZ			0.3954	-0.7043	0.0107 fts
DX	NYKT	MARGARETVILLE	0.0029 fts	-	-
DY			-0.4188	0.0058 fts	-
DZ			0.2810	-0.5943	0.0051 fts
DX	NYKT	MARGARETVILLE	0.0031 fts	-	-
DY			-0.4124	0.0061 fts	-
DZ			0.3138	-0.6088	0.0055 fts
DX	NYHS	MARGARETVILLE	0.0036 fts	-	-
DY			-0.4231	0.0069 fts	-
DZ			0.2800	-0.5887	0.0062 fts
DX	NYHS	MARGARETVILLE	0.0031 fts	-	-
DY			-0.4128	0.0061 fts	-
DZ			0.3148	-0.6091	0.0055 fts
DX	NYCS	MARGARETVILLE	0.0033 fts	-	-
DY			-0.4187	0.0066 fts	-
DZ			0.2809	-0.5944	0.0058 fts
DX	NYCS	MARGARETVILLE	0.0028 fts	-	-
DY			-0.4124	0.0056 fts	-
DZ			0.3138	-0.6088	0.0050 fts
DX	NYON	MARGARETVILLE	0.0026 fts	-	-
DY			-0.3899	0.0053 fts	-
DZ			0.2672	-0.6106	0.0045 fts
DX	NYON	MARGARETVILLE	0.0025 fts	-	-
DY			-0.4115	0.0050 fts	-
DZ			0.3135	-0.6087	0.0045 fts
DX	NYKT	ANDES	0.0061 fts	-	-
DY			-0.3941	0.0123 fts	-
DZ			0.1121	-0.5068	0.0108 fts
DX	NYKT	ANDES	0.0071 fts	-	-
DY			-0.4539	0.0152 fts	-
DZ			0.3933	-0.7127	0.0134 fts
DX	NYKT	ANDES	0.0039 fts	-	-
DY			-0.4053	0.0081 fts	-
DZ			0.3188	-0.6183	0.0070 fts
DX	NYHC	ANDES	0.0057 fts	-	-
DY			-0.3886	0.0114 fts	-
DZ			0.1176	-0.5083	0.0100 fts
DX	NYHC	ANDES	0.0082 fts	-	-
DY			-0.4556	0.0172 fts	-
DZ			0.3929	-0.7098	0.0152 fts
DX	NYHC	ANDES	0.0039 fts	-	-
DY			-0.4053	0.0081 fts	-
DZ			0.3188	-0.6183	0.0070 fts
DX	NYHC	ANDES	0.0081 fts	-	-
DY			-0.4927	0.0166 fts	-
DZ			0.4769	-0.6493	0.0146 fts
DX	NYCS	ANDES	0.0057 fts	-	-
DY			-0.3887	0.0114 fts	-
DZ			0.1185	-0.5086	0.0100 fts
DX					

	NYCS	ANDES	0.0080 fts	-	-
DY			-0.4546	0.0170 fts	-
DZ			0.3926	-0.7111	0.0150 fts
DX	NYCS	ANDES	0.0039 fts	-	-
DY			-0.4053	0.0082 fts	-
DZ			0.3188	-0.6183	0.0070 fts
DX	NYCS	ANDES	0.0087 fts	-	-
DY			-0.4927	0.0178 fts	-
DZ			0.4769	-0.6493	0.0157 fts
DX	NYON	ANDES	0.0050 fts	-	-
DY			-0.3107	0.0115 fts	-
DZ			0.0845	-0.5705	0.0092 fts
DX	NYON	ANDES	0.0067 fts	-	-
DY			-0.4552	0.0142 fts	-
DZ			0.3926	-0.7104	0.0125 fts
DX	NYON	ANDES	0.0036 fts	-	-
DY			-0.4053	0.0075 fts	-
DZ			0.3188	-0.6183	0.0065 fts
DX	NYON	ANDES	0.0085 fts	-	-
DY			-0.5193	0.0172 fts	-
DZ			0.5020	-0.6627	0.0151 fts

Adjustment Results

Coordinates

Station	Coordinate	Corr	Sd		
AA7906	Latitude	42° 18' 04.79002" N	0.0075 fts	0.0253 fts	
	Longitude	74° 53' 51.05975" W	0.0017 fts	0.0169 fts	
	Height	1318.4476 fts	0.0152 fts	0.0442 fts	
AA7928	Latitude	42° 07' 52.34065" N	0.0000 fts	-	fixed
	Longitude	74° 39' 49.23537" W	0.0000 fts	-	fixed
	Height	1220.4337 fts	0.0000 fts	-	fixed
AB3881	Latitude	42° 01' 30.16715" N	0.0397 fts	0.0143 fts	
	Longitude	74° 16' 13.89121" W	0.0009 fts	0.0117 fts	
	Height	556.7545 fts	-0.1276 fts	0.0346 fts	
ANDES	Latitude	42° 11' 06.75417" N	0.0214 fts	0.0067 fts	
	Longitude	74° 48' 02.96122" W	-0.0590 fts	0.0049 fts	
	Height	1717.9540 fts	-0.0682 fts	0.0136 fts	
BOICEVILLE	Latitude	42° 00' 19.49207" N	0.0347 fts	0.0099 fts	
	Longitude	74° 15' 59.29721" W	-0.0687 fts	0.0075 fts	
	Height	523.2403 fts	-0.1089 fts	0.0215 fts	
CLARYVILLE	Latitude	41° 54' 58.11820" N	0.0271 fts	0.0101 fts	
	Longitude	74° 34' 22.10541" W	-0.0700 fts	0.0078 fts	
	Height	1518.1570 fts	-0.0896 fts	0.0220 fts	
DELHI	Latitude	42° 16' 19.29136" N	0.0235 fts	0.0087 fts	
	Longitude	74° 55' 36.38625" W	-0.0590 fts	0.0065 fts	
	Height	1456.6971 fts	-0.0729 fts	0.0179 fts	
DH3545	Latitude	42° 27' 27.79252" N	0.0299 fts	0.0093 fts	
	Longitude	74° 27' 25.04416" W	-0.0656 fts	0.0067 fts	
	Height	735.6559 fts	-0.0032 fts	0.0178 fts	
FLEISHMANN'S	Latitude	42° 09' 22.47692" N	0.0327 fts	0.0077 fts	
	Longitude	74° 32' 06.40679" W	-0.0625 fts	0.0058 fts	

HUNTER	Height	1391.1986 fts	-0.0917 fts	0.0162 fts
	Latitude	42° 12' 45.44988" N	0.0296 fts	0.0084 fts
	Longitude	74° 13' 22.85154" W	-0.0652 fts	0.0060 fts
MARGARETVILLE	Height	1497.5530 fts	-0.0943 fts	0.0160 fts
	Latitude	42° 08' 55.47304" N	0.0256 fts	0.0065 fts
	Longitude	74° 38' 42.75673" W	-0.0629 fts	0.0048 fts
NYCS	Height	1220.1943 fts	-0.0803 fts	0.0132 fts
	Latitude	42° 40' 02.83690" N	0.0233 fts	0.0069 fts
	Longitude	74° 29' 10.94916" W	-0.0486 fts	0.0051 fts
NYHC	Height	887.9667 fts	-0.0860 fts	0.0140 fts
	Latitude	41° 57' 29.98199" N	0.0148 fts	0.0070 fts
	Longitude	75° 17' 33.87698" W	-0.0521 fts	0.0051 fts
NYHS	Height	855.3233 fts	-0.0442 fts	0.0143 fts
	Latitude	42° 15' 08.36002" N	0.0397 fts	0.0070 fts
	Longitude	73° 45' 27.16167" W	-0.0838 fts	0.0052 fts
NYKT	Height	72.2521 fts	-0.1559 fts	0.0143 fts
	Latitude	41° 56' 12.97213" N	0.0353 fts	0.0070 fts
	Longitude	74° 01' 52.21961" W	-0.0911 fts	0.0052 fts
NYON	Height	99.4749 fts	-0.1148 fts	0.0142 fts
	Latitude	42° 26' 24.81532" N	0.0156 fts	0.0068 fts
	Longitude	75° 06' 42.50940" W	-0.0664 fts	0.0050 fts
PHOENICIA	Height	1007.3801 fts	-0.0654 fts	0.0138 fts
	Latitude	42° 04' 52.67012" N	0.0313 fts	0.0091 fts
	Longitude	74° 19' 03.41600" W	-0.0672 fts	0.0069 fts
SOUTH KORTRIGHT	Height	736.9714 fts	-0.0955 fts	0.0192 fts
	Latitude	42° 20' 32.04420" N	0.0272 fts	0.0085 fts
	Longitude	74° 43' 05.30778" W	-0.0661 fts	0.0064 fts
STAMFORD	Height	1421.2735 fts	-0.0888 fts	0.0173 fts
	Latitude	42° 24' 28.64333" N	0.0297 fts	0.0085 fts
	Longitude	74° 37' 03.65311" W	-0.0657 fts	0.0066 fts
SUNDOWN	Height	1731.0053 fts	-0.0948 fts	0.0188 fts
	Latitude	41° 51' 11.56274" N	0.0322 fts	0.0100 fts
	Longitude	74° 30' 48.43718" W	-0.0719 fts	0.0076 fts
WALTON	Height	757.3960 fts	-0.1013 fts	0.0205 fts
	Latitude	42° 10' 02.90541" N	0.0246 fts	0.0083 fts
	Longitude	75° 07' 59.75157" W	-0.0571 fts	0.0059 fts
	Height	1108.3979 fts	-0.0727 fts	0.0157 fts

Observations and Residuals

	Station	Target	Adj obs	Resid	Resid (ENH)	Sd
DX	NYHC	NYON	17302.4834 fts	-0.0022 fts	0.0024 fts	0.0026 fts
DY			126469.1125 fts	0.0181 fts	0.0020 fts	0.0054 fts
DZ			130206.2055 fts	-0.0136 fts	-0.0225 fts	0.0047 fts
DX	NYKT	DH3545	-145531.5334 fts	-0.0106 fts	-0.0074 fts	0.0056 fts
DY			90904.9764 fts	0.0099 fts	0.0027 fts	0.0111 fts
DZ			141030.4854 fts	-0.0075 fts	-0.0142 fts	0.0091 fts
DX	NYHS	NYKT	-49973.2172 fts	0.0022 fts	-0.0010 fts	0.0027 fts
DY			-94643.6130 fts	-0.0114 fts	0.0000 fts	0.0053 fts
DZ			-85266.3271 fts	0.0105 fts	0.0156 fts	0.0047 fts
DX	NYHS	DH3545	-195504.7505 fts	-0.0183 fts	-0.0144 fts	0.0056 fts
DY			-3738.6367 fts	0.0115 fts	0.0126 fts	0.0110 fts

DZ			55764.1583 fts	0.0023 fts	-0.0105 fts	0.0090 fts
DX	NYCS	NYHS	216953.1979 fts	0.0123 fts	0.0068 fts	0.0027 fts
DY			-43848.0538 fts	-0.0192 fts	-0.0046 fts	0.0053 fts
DZ			-112168.5351 fts	0.0139 fts	0.0255 fts	0.0048 fts
DX	NYCS	DH3545	21448.4473 fts	0.0011 fts	-0.0026 fts	0.0055 fts
DY			-47586.6905 fts	-0.0138 fts	-0.0055 fts	0.0109 fts
DZ			-56404.3768 fts	0.0050 fts	0.0134 fts	0.0089 fts
DX	NYON	NYCS	147924.6375 fts	0.0052 fts	0.0071 fts	0.0025 fts
DY			98321.1152 fts	0.0083 fts	-0.0001 fts	0.0050 fts
DZ			60925.4635 fts	-0.0063 fts	-0.0092 fts	0.0043 fts
DX	NYON	DH3545	169373.0848 fts	0.0113 fts	0.0050 fts	0.0055 fts
DY			50734.4247 fts	-0.0231 fts	-0.0168 fts	0.0109 fts
DZ			4521.0867 fts	0.0003 fts	0.0189 fts	0.0089 fts
DX	AA7906	DH3545	104546.3566 fts	0.0217 fts	0.0130 fts	0.0204 fts
DY			68925.5158 fts	-0.0304 fts	-0.0111 fts	0.0385 fts
DZ			41710.6141 fts	0.0169 fts	0.0373 fts	0.0294 fts
DX	AA7928	WALTON	-125285.4869 fts	0.0149 fts	0.0039 fts	0.0065 fts
DY			-24535.1013 fts	-0.0395 fts	-0.0033 fts	0.0133 fts
DZ			9724.3267 fts	0.0335 fts	0.0536 fts	0.0115 fts
DX	AA7928	MARGARETVILLE	3695.3460 fts	0.0036 fts	0.0025 fts	0.0052 fts
DY			5460.9198 fts	-0.0036 fts	-0.0044 fts	0.0112 fts
DZ			4738.9334 fts	-0.0019 fts	0.0020 fts	0.0094 fts
DX	AA7928	HUNTER	109800.9770 fts	-0.0042 fts	-0.0111 fts	0.0067 fts
DY			51032.8834 fts	-0.0266 fts	-0.0013 fts	0.0135 fts
DZ			22177.7387 fts	0.0205 fts	0.0320 fts	0.0116 fts
DX	AA7928	ANDES	-39257.9738 fts	-0.0080 fts	-0.0033 fts	0.0053 fts
DY			2594.8536 fts	0.0168 fts	0.0087 fts	0.0115 fts
DZ			14923.7814 fts	-0.0048 fts	-0.0168 fts	0.0096 fts
DX	SOUTH KORTRIGHT	SUNDOWN	85129.5681 fts	-0.0009 fts	0.0011 fts	0.0083 fts
DY			-99982.5087 fts	0.0074 fts	-0.0012 fts	0.0154 fts
DZ			-132683.2276 fts	-0.0084 fts	-0.0112 fts	0.0124 fts
DX	SOUTH KORTRIGHT	FLEISHMANN'S	59862.5028 fts	-0.0074 fts	-0.0009 fts	0.0061 fts
DY			-30784.8771 fts	0.0241 fts	0.0095 fts	0.0115 fts
DZ			-50196.4984 fts	-0.0100 fts	-0.0254 fts	0.0103 fts
DX	SOUTH KORTRIGHT	BOICEVILLE	139841.5617 fts	-0.0063 fts	-0.0052 fts	0.0083 fts
DY			-46033.2820 fts	0.0033 fts	0.0129 fts	0.0157 fts
DZ			-91574.9691 fts	0.0130 fts	0.0052 fts	0.0150 fts
DX	STAMFORD	PHOENICIA	99523.0264 fts	0.0031 fts	-0.0037 fts	0.0078 fts
DY			-54646.6284 fts	-0.0251 fts	-0.0098 fts	0.0153 fts
DZ			-88799.3577 fts	0.0096 fts	0.0250 fts	0.0126 fts
DX	STAMFORD	CLARYVILLE	43647.7562 fts	-0.0037 fts	-0.0065 fts	0.0087 fts
DY			-112605.4529 fts	-0.0109 fts	-0.0087 fts	0.0173 fts
DZ			-133005.3746 fts	-0.0031 fts	0.0049 fts	0.0143 fts
DX	STAMFORD	BOICEVILLE	117868.0099 fts	0.0105 fts	0.0137 fts	0.0084 fts
DY			-68560.4011 fts	0.0133 fts	-0.0072 fts	0.0163 fts
DZ			-109479.1974 fts	-0.0189 fts	-0.0201 fts	0.0158 fts
DX	FLEISHMANN'S	SUNDOWN	25267.0652 fts	0.0150 fts	0.0076 fts	0.0079 fts
DY			-69197.6316 fts	-0.0254 fts	-0.0042 fts	0.0147 fts
DZ			-82486.7292 fts	0.0201 fts	0.0345 fts	0.0124 fts
DX	PHOENICIA	CLARYVILLE	-55875.2701 fts	-0.0080 fts	-0.0031 fts	0.0090 fts
DY			-57958.8245 fts	0.0167 fts	-0.0028 fts	0.0176 fts

DZ			-44206.0169 fts	-0.0203 fts	-0.0272 fts	0.0139 fts
DX	HUNTER	WALTON	-235086.4639 fts	-0.0016 fts	-0.0038 fts	0.0056 fts
DY			-75567.9848 fts	-0.0083 fts	-0.0012 fts	0.0103 fts
DZ			-12453.4120 fts	0.0053 fts	0.0092 fts	0.0094 fts
DX	AB3881	MARGARETVILLE	-105956.7481 fts	-0.0041 fts	-0.0011 fts	0.0121 fts
DY			1381.7677 fts	0.0107 fts	0.0049 fts	0.0252 fts
DZ			33899.1495 fts	-0.0036 fts	-0.0109 fts	0.0230 fts
DX	AB3881	ANDES	-148910.0679 fts	0.0067 fts	0.0010 fts	0.0121 fts
DY			-1484.2985 fts	-0.0198 fts	-0.0084 fts	0.0254 fts
DZ			44083.9975 fts	0.0075 fts	0.0205 fts	0.0231 fts
DX	NYHC	WALTON	28889.8069 fts	0.0073 fts	0.0061 fts	0.0045 fts
DY			60243.7625 fts	-0.0039 fts	-0.0113 fts	0.0085 fts
DZ			56755.7716 fts	-0.0101 fts	-0.0025 fts	0.0078 fts
DX	NYHC	SUNDOWN	211467.4017 fts	-0.0104 fts	-0.0143 fts	0.0073 fts
DY			30622.2201 fts	-0.0168 fts	-0.0051 fts	0.0136 fts
DZ			-28574.9045 fts	0.0053 fts	0.0137 fts	0.0111 fts
DX	NYHC	STAMFORD	148311.3854 fts	-0.0029 fts	-0.0030 fts	0.0058 fts
DY			153131.8479 fts	-0.0008 fts	0.0111 fts	0.0115 fts
DZ			122012.5513 fts	0.0149 fts	0.0100 fts	0.0101 fts
DX	NYHC	SOUTH KORTRIGHT	126337.8336 fts	-0.0068 fts	-0.0126 fts	0.0054 fts
DY			130604.7288 fts	-0.0237 fts	0.0020 fts	0.0102 fts
DZ			104108.3231 fts	0.0218 fts	0.0303 fts	0.0086 fts
DX	NYHC	FLEISHMANN'S	186200.3364 fts	0.0045 fts	-0.0010 fts	0.0043 fts
DY			99819.8517 fts	-0.0211 fts	0.0131 fts	0.0085 fts
DZ			53911.8247 fts	0.0371 fts	0.0408 fts	0.0081 fts
DX	NYHC	DELHI	76381.8881 fts	-0.0032 fts	0.0072 fts	0.0055 fts
DY			99179.8569 fts	0.0405 fts	0.0221 fts	0.0110 fts
DZ			85208.4461 fts	-0.0062 fts	-0.0339 fts	0.0089 fts
DX	NYHC	CLARYVILLE	191959.1416 fts	-0.0012 fts	-0.0005 fts	0.0076 fts
DY			40526.3950 fts	0.0029 fts	0.0161 fts	0.0152 fts
DZ			-10992.8233 fts	0.0189 fts	0.0103 fts	0.0122 fts
DX	ANDES	WALTON	-86027.5131 fts	0.0131 fts	0.0025 fts	0.0045 fts
DY			-27129.9549 fts	-0.0387 fts	-0.0157 fts	0.0086 fts
DZ			-5199.4547 fts	0.0157 fts	0.0407 fts	0.0078 fts
DX	ANDES	STAMFORD	33394.0654 fts	-0.0105 fts	-0.0082 fts	0.0057 fts
DY			65758.1305 fts	0.0074 fts	0.0009 fts	0.0113 fts
DZ			60057.3251 fts	-0.0077 fts	-0.0125 fts	0.0100 fts
DX	ANDES	SOUTH KORTRIGHT	11420.5136 fts	-0.0036 fts	-0.0036 fts	0.0054 fts
DY			43231.0114 fts	-0.0005 fts	-0.0129 fts	0.0101 fts
DZ			42153.0969 fts	-0.0178 fts	-0.0123 fts	0.0085 fts
DX	ANDES	PHOENICIA	132917.0918 fts	-0.0170 fts	-0.0125 fts	0.0063 fts
DY			11111.5021 fts	0.0147 fts	0.0004 fts	0.0124 fts
DZ			-28742.0326 fts	-0.0164 fts	-0.0248 fts	0.0097 fts
DX	ANDES	HUNTER	149058.9507 fts	0.0144 fts	0.0069 fts	0.0048 fts
DY			48438.0299 fts	-0.0265 fts	-0.0154 fts	0.0090 fts
DZ			7253.9573 fts	0.0059 fts	0.0257 fts	0.0079 fts
DX	ANDES	FLEISHMANN'S	71283.0165 fts	-0.0079 fts	-0.0061 fts	0.0043 fts
DY			12446.1343 fts	0.0060 fts	-0.0044 fts	0.0085 fts
DZ			-8043.4016 fts	-0.0130 fts	-0.0146 fts	0.0080 fts
DX	ANDES	DELHI	-38535.4318 fts	-0.0324 fts	-0.0270 fts	0.0055 fts
DY			11806.1395 fts	0.0164 fts	0.0079 fts	0.0111 fts
DZ			23253.2198 fts	-0.0114 fts	-0.0257 fts	0.0089 fts

DX	ANDES	BOICEVILLE	151262.0753 fts	-0.0037 fts	0.0022 fts	0.0069 fts
DY			-2802.2706 fts	0.0219 fts	-0.0056 fts	0.0134 fts
DZ			-49421.8723 fts	-0.0276 fts	-0.0349 fts	0.0134 fts
DX	DH3545	MARGARETVILLE	-28804.9284 fts	-0.0061 fts	-0.0111 fts	0.0054 fts
DY			-86963.7536 fts	-0.0195 fts	-0.0136 fts	0.0108 fts
DZ			-82956.9139 fts	-0.0027 fts	0.0108 fts	0.0087 fts
DX	DH3545	ANDES	-71758.2482 fts	-0.0026 fts	-0.0088 fts	0.0056 fts
DY			-89829.8198 fts	-0.0236 fts	-0.0066 fts	0.0112 fts
DZ			-72772.0659 fts	0.0113 fts	0.0239 fts	0.0091 fts
DX	NYKT	SUNDOWN	-120739.6999 fts	-0.0012 fts	0.0012 fts	0.0073 fts
DY			-55676.3407 fts	0.0084 fts	0.0061 fts	0.0135 fts
DZ			-22271.7112 fts	0.0006 fts	-0.0059 fts	0.0109 fts
DX	NYKT	STAMFORD	-183895.7162 fts	0.0139 fts	0.0014 fts	0.0057 fts
DY			66833.2871 fts	-0.0435 fts	-0.0060 fts	0.0113 fts
DZ			128315.7445 fts	0.0329 fts	0.0560 fts	0.0100 fts
DX	NYKT	SOUTH KORTRIGHT	-205869.2680 fts	0.0031 fts	0.0042 fts	0.0054 fts
DY			44306.1680 fts	0.0043 fts	0.0086 fts	0.0101 fts
DZ			110411.5163 fts	0.0085 fts	0.0032 fts	0.0085 fts
DX	NYKT	PHOENICIA	-84372.6898 fts	0.0147 fts	0.0059 fts	0.0063 fts
DY			12186.6587 fts	-0.0299 fts	0.0024 fts	0.0123 fts
DZ			39516.3868 fts	0.0327 fts	0.0462 fts	0.0097 fts
DX	NYKT	HUNTER	-68230.8309 fts	0.0139 fts	0.0067 fts	0.0048 fts
DY			49513.1865 fts	-0.0244 fts	-0.0065 fts	0.0090 fts
DZ			75512.3768 fts	0.0157 fts	0.0308 fts	0.0079 fts
DX	NYKT	FLEISHMANNS	-146006.7651 fts	0.0105 fts	0.0083 fts	0.0043 fts
DY			13521.2909 fts	-0.0062 fts	0.0121 fts	0.0084 fts
DZ			60215.0179 fts	0.0242 fts	0.0227 fts	0.0080 fts
DX	NYKT	CLARYVILLE	-140247.9599 fts	0.0139 fts	0.0046 fts	0.0076 fts
DY			-45772.1658 fts	-0.0320 fts	-0.0056 fts	0.0151 fts
DZ			-4689.6301 fts	0.0235 fts	0.0414 fts	0.0121 fts
DX	NYKT	BOICEVILLE	-66027.7063 fts	-0.0009 fts	-0.0050 fts	0.0068 fts
DY			-1727.1140 fts	-0.0149 fts	-0.0030 fts	0.0132 fts
DZ			18836.5472 fts	0.0087 fts	0.0162 fts	0.0133 fts
DX	NYHS	SUNDOWN	-170712.9171 fts	0.0091 fts	0.0126 fts	0.0073 fts
DY			-150319.9538 fts	0.0137 fts	0.0020 fts	0.0135 fts
DZ			-107538.0384 fts	-0.0069 fts	-0.0125 fts	0.0110 fts
DX	NYHS	STAMFORD	-233868.9334 fts	0.0106 fts	0.0028 fts	0.0057 fts
DY			-27810.3260 fts	-0.0265 fts	-0.0133 fts	0.0113 fts
DZ			43049.4174 fts	0.0079 fts	0.0263 fts	0.0099 fts
DX	NYHS	SOUTH KORTRIGHT	-255842.4852 fts	0.0126 fts	0.0162 fts	0.0054 fts
DY			-50337.4451 fts	0.0148 fts	0.0007 fts	0.0101 fts
DZ			25145.1892 fts	-0.0087 fts	-0.0137 fts	0.0085 fts
DX	NYHS	PHOENICIA	-134345.9070 fts	0.0080 fts	0.0057 fts	0.0063 fts
DY			-82456.9544 fts	-0.0071 fts	-0.0100 fts	0.0123 fts
DZ			-45749.9403 fts	-0.0053 fts	0.0031 fts	0.0097 fts
DX	NYHS	HUNTER	-118204.0480 fts	0.0141 fts	0.0080 fts	0.0048 fts
DY			-45130.4266 fts	-0.0197 fts	-0.0042 fts	0.0089 fts
DZ			-9753.9504 fts	0.0151 fts	0.0270 fts	0.0079 fts
DX	NYHS	FLEISHMANNS	-195979.9823 fts	0.0165 fts	0.0200 fts	0.0043 fts
DY			-81122.3221 fts	0.0149 fts	0.0031 fts	0.0084 fts
DZ			-25051.3092 fts	-0.0045 fts	-0.0102 fts	0.0080 fts
DX	NYHS	CLARYVILLE	-190221.1771 fts	0.0090 fts	0.0055 fts	0.0076 fts

DY			-140415.7788 fts	-0.0109 fts	-0.0174 fts	0.0151 fts
DZ			-89955.9572 fts	-0.0117 fts	0.0017 fts	0.0122 fts
DX	NYHS	BOICEVILLE	-116000.9234 fts	0.0037 fts	-0.0001 fts	0.0068 fts
DY			-96370.7270 fts	-0.0132 fts	0.0024 fts	0.0132 fts
DZ			-66429.7800 fts	0.0156 fts	0.0206 fts	0.0133 fts
DX	NYCS	WALTON	-136337.3140 fts	-0.0070 fts	0.0011 fts	0.0044 fts
DY			-164546.4651 fts	0.0294 fts	0.0145 fts	0.0082 fts
DZ			-134375.8975 fts	-0.0081 fts	-0.0277 fts	0.0076 fts
DX	NYCS	STAMFORD	-16915.7355 fts	-0.0019 fts	0.0022 fts	0.0056 fts
DY			-71658.3798 fts	0.0151 fts	-0.0046 fts	0.0111 fts
DZ			-69119.1177 fts	-0.0201 fts	-0.0247 fts	0.0098 fts
DX	NYCS	SOUTH KORTRIGHT	-38889.2873 fts	0.0014 fts	0.0083 fts	0.0053 fts
DY			-94185.4989 fts	0.0258 fts	0.0121 fts	0.0099 fts
DZ			-87023.3459 fts	-0.0061 fts	-0.0221 fts	0.0083 fts
DX	NYCS	PHOENICIA	82607.2909 fts	-0.0097 fts	-0.0021 fts	0.0062 fts
DY			-126305.0082 fts	0.0273 fts	-0.0028 fts	0.0122 fts
DZ			-157918.4754 fts	-0.0305 fts	-0.0419 fts	0.0096 fts
DX	NYCS	HUNTER	98749.1498 fts	-0.0159 fts	-0.0064 fts	0.0046 fts
DY			-88978.4804 fts	0.0332 fts	0.0128 fts	0.0087 fts
DZ			-121922.4855 fts	-0.0160 fts	-0.0375 fts	0.0077 fts
DX	NYCS	FLEISHMANNS	20973.2155 fts	0.0022 fts	0.0138 fts	0.0042 fts
DY			-124970.3759 fts	0.0440 fts	0.0137 fts	0.0082 fts
DZ			-137219.8443 fts	-0.0199 fts	-0.0442 fts	0.0078 fts
DX	NYCS	DELHI	-88845.2327 fts	0.0010 fts	-0.0086 fts	0.0054 fts
DY			-125610.3707 fts	-0.0358 fts	-0.0274 fts	0.0109 fts
DZ			-105923.2230 fts	-0.0053 fts	0.0220 fts	0.0088 fts
DX	NYCS	BOICEVILLE	100952.2744 fts	-0.0007 fts	0.0014 fts	0.0068 fts
DY			-140218.7808 fts	0.0079 fts	0.0107 fts	0.0132 fts
DZ			-178598.3151 fts	0.0073 fts	-0.0007 fts	0.0133 fts
DX	NYON	WALTON	11587.3235 fts	-0.0078 fts	-0.0040 fts	0.0043 fts
DY			-66225.3500 fts	0.0139 fts	0.0038 fts	0.0080 fts
DZ			-73450.4339 fts	-0.0090 fts	-0.0175 fts	0.0074 fts
DX	NYON	STAMFORD	131008.9020 fts	-0.0056 fts	-0.0024 fts	0.0056 fts
DY			26662.7354 fts	0.0116 fts	0.0084 fts	0.0111 fts
DZ			-8193.6542 fts	-0.0002 fts	-0.0094 fts	0.0097 fts
DX	NYON	SOUTH KORTRIGHT	109035.3502 fts	-0.0064 fts	-0.0024 fts	0.0053 fts
DY			4135.6163 fts	0.0145 fts	0.0083 fts	0.0098 fts
DZ			-26097.8824 fts	-0.0031 fts	-0.0136 fts	0.0082 fts
DX	NYON	PHOENICIA	230531.9284 fts	-0.0026 fts	0.0007 fts	0.0062 fts
DY			-27983.8930 fts	0.0127 fts	0.0138 fts	0.0121 fts
DZ			-96993.0119 fts	0.0068 fts	-0.0050 fts	0.0095 fts
DX	NYON	HUNTER	246673.7873 fts	-0.0177 fts	-0.0120 fts	0.0046 fts
DY			9342.6348 fts	0.0198 fts	-0.0001 fts	0.0086 fts
DZ			-60997.0219 fts	-0.0218 fts	-0.0322 fts	0.0076 fts
DX	NYON	FLEISHMANNS	168897.8531 fts	-0.0008 fts	0.0060 fts	0.0041 fts
DY			-26649.2608 fts	0.0264 fts	0.0139 fts	0.0081 fts
DZ			-76294.3808 fts	-0.0047 fts	-0.0221 fts	0.0077 fts
DX	NYON	DELHI	59079.4048 fts	0.0071 fts	0.0043 fts	0.0052 fts
DY			-27289.2556 fts	-0.0099 fts	-0.0010 fts	0.0105 fts
DZ			-44997.7594 fts	0.0090 fts	0.0145 fts	0.0085 fts
DX	NYON	CLARYVILLE	174656.6583 fts	-0.0096 fts	-0.0029 fts	0.0075 fts
DY			-85942.7175 fts	0.0247 fts	0.0109 fts	0.0149 fts

DZ			-141199.0288 fts	-0.0094 fts	-0.0258 fts	0.0120 fts
DX	AA7906	MARGARETVILLE	75741.4281 fts	-0.0079 fts	-0.0031 fts	0.0201 fts
DY			-18038.2378 fts	0.0177 fts	0.0020 fts	0.0377 fts
DZ			-41246.2999 fts	-0.0148 fts	-0.0241 fts	0.0288 fts
DX	AA7906	ANDES	32788.1083 fts	-0.0075 fts	-0.0074 fts	0.0201 fts
DY			-20904.3040 fts	-0.0009 fts	0.0047 fts	0.0377 fts
DZ			-31061.4519 fts	0.0053 fts	0.0028 fts	0.0289 fts
DX	MARGARETVILLE	WALTON	-128980.8329 fts	0.0043 fts	-0.0014 fts	0.0043 fts
DY			-29996.0210 fts	-0.0207 fts	-0.0005 fts	0.0080 fts
DZ			4985.3933 fts	0.0184 fts	0.0280 fts	0.0073 fts
DX	MARGARETVILLE	STAMFORD	-9559.2544 fts	-0.0049 fts	0.0003 fts	0.0055 fts
DY			62892.0643 fts	0.0189 fts	-0.0017 fts	0.0109 fts
DZ			70242.1731 fts	-0.0200 fts	-0.0280 fts	0.0096 fts
DX	MARGARETVILLE	SOUTH KORTRIGHT	-31532.8062 fts	-0.0049 fts	-0.0115 fts	0.0052 fts
DY			40364.9452 fts	-0.0255 fts	-0.0207 fts	0.0096 fts
DZ			52337.9448 fts	-0.0069 fts	0.0126 fts	0.0081 fts
DX	MARGARETVILLE	PHOENICIA	89963.7720 fts	-0.0028 fts	-0.0017 fts	0.0061 fts
DY			8245.4359 fts	0.0034 fts	-0.0054 fts	0.0120 fts
DZ			-18557.1847 fts	-0.0109 fts	-0.0103 fts	0.0094 fts
DX	MARGARETVILLE	HUNTER	106105.6310 fts	0.0050 fts	0.0021 fts	0.0045 fts
DY			45571.9637 fts	-0.0102 fts	0.0024 fts	0.0084 fts
DZ			17438.8053 fts	0.0134 fts	0.0173 fts	0.0074 fts
DX	MARGARETVILLE	FLEISHMANN'S	28329.6967 fts	-0.0021 fts	-0.0053 fts	0.0038 fts
DY			9580.0681 fts	-0.0126 fts	-0.0077 fts	0.0074 fts
DZ			2141.4464 fts	0.0001 fts	0.0087 fts	0.0072 fts
DX	MARGARETVILLE	DELHI	-81488.7516 fts	0.0028 fts	0.0037 fts	0.0053 fts
DY			8940.0733 fts	0.0040 fts	-0.0001 fts	0.0106 fts
DZ			33438.0678 fts	-0.0030 fts	-0.0043 fts	0.0085 fts
DX	MARGARETVILLE	BOICEVILLE	108308.7556 fts	-0.0016 fts	0.0005 fts	0.0068 fts
DY			-5668.3368 fts	0.0079 fts	-0.0064 fts	0.0131 fts
DZ			-39237.0243 fts	-0.0159 fts	-0.0166 fts	0.0132 fts
DX	NYHC	MARGARETVILLE	157870.6397 fts	0.0019 fts	0.0013 fts	0.0026 fts
DY			90239.7836 fts	-0.0019 fts	-0.0125 fts	0.0051 fts
DZ			51770.3783 fts	-0.0147 fts	-0.0081 fts	0.0045 fts
DX	NYHC	MARGARETVILLE	157870.6397 fts	0.0004 fts	-0.0006 fts	0.0026 fts
DY			90239.7836 fts	-0.0040 fts	0.0038 fts	0.0051 fts
DZ			51770.3783 fts	0.0087 fts	0.0088 fts	0.0045 fts
DX	ANDES	MARGARETVILLE	42953.3198 fts	0.0212 fts	0.0131 fts	0.0024 fts
DY			2866.0662 fts	-0.0278 fts	-0.0023 fts	0.0050 fts
DZ			-10184.8480 fts	0.0262 fts	0.0416 fts	0.0043 fts
DX	ANDES	MARGARETVILLE	42953.3198 fts	0.0101 fts	-0.0019 fts	0.0024 fts
DY			2866.0662 fts	-0.0443 fts	-0.0049 fts	0.0050 fts
DZ			-10184.8480 fts	0.0345 fts	0.0568 fts	0.0043 fts
DX	NYKT	MARGARETVILLE	-174336.4618 fts	-0.0178 fts	-0.0137 fts	0.0025 fts
DY			3941.2228 fts	0.0125 fts	-0.0065 fts	0.0049 fts
DZ			58073.5715 fts	-0.0239 fts	-0.0286 fts	0.0043 fts
DX	NYKT	MARGARETVILLE	-174336.4618 fts	0.0145 fts	0.0102 fts	0.0025 fts
DY			3941.2228 fts	-0.0138 fts	0.0061 fts	0.0049 fts
DZ			58073.5715 fts	0.0238 fts	0.0287 fts	0.0043 fts
DX	NYHS	MARGARETVILLE	-224309.6790 fts	-0.0133 fts	-0.0145 fts	0.0025 fts
DY			-90702.3902 fts	-0.0060 fts	-0.0057 fts	0.0049 fts
DZ			-27192.7557 fts	-0.0059 fts	-0.0025 fts	0.0044 fts
DX	NYHS	MARGARETVILLE	-224309.6790 fts	0.0151 fts	0.0139 fts	0.0025 fts

DY			-90702.3902 fts	-0.0021 fts	0.0033 fts	0.0049 fts
DZ			-27192.7557 fts	0.0101 fts	0.0114 fts	0.0044 fts
DX	NYCS	MARGARETVILLE	-7356.4811 fts	0.0002 fts	-0.0080 fts	0.0023 fts
DY			-134550.4441 fts	-0.0308 fts	-0.0141 fts	0.0045 fts
DZ			-139361.2908 fts	0.0082 fts	0.0274 fts	0.0040 fts
DX	NYCS	MARGARETVILLE	-7356.4811 fts	-0.0054 fts	0.0031 fts	0.0023 fts
DY			-134550.4441 fts	0.0313 fts	0.0131 fts	0.0045 fts
DZ			-139361.2908 fts	-0.0112 fts	-0.0308 fts	0.0040 fts
DX	NYON	MARGARETVILLE	140568.1564 fts	0.0040 fts	-0.0021 fts	0.0021 fts
DY			-36229.3289 fts	-0.0231 fts	-0.0139 fts	0.0042 fts
DZ			-78435.8272 fts	0.0025 fts	0.0189 fts	0.0037 fts
DX	NYON	MARGARETVILLE	140568.1564 fts	-0.0079 fts	-0.0020 fts	0.0021 fts
DY			-36229.3289 fts	0.0219 fts	0.0103 fts	0.0042 fts
DZ			-78435.8272 fts	-0.0073 fts	-0.0220 fts	0.0037 fts
DX	NYKT	ANDES	-217289.7816 fts	-0.0160 fts	-0.0126 fts	0.0029 fts
DY			1075.1566 fts	0.0102 fts	-0.0038 fts	0.0059 fts
DZ			68258.4195 fts	-0.0178 fts	-0.0225 fts	0.0052 fts
DX	NYKT	ANDES	-217289.7816 fts	-0.0067 fts	-0.0123 fts	0.0029 fts
DY			1075.1566 fts	-0.0211 fts	-0.0226 fts	0.0059 fts
DZ			68258.4195 fts	-0.0138 fts	0.0045 fts	0.0052 fts
DX	NYKT	ANDES	-217289.7816 fts	0.0150 fts	0.0124 fts	0.0029 fts
DY			1075.1566 fts	-0.0071 fts	0.0104 fts	0.0059 fts
DZ			68258.4195 fts	0.0237 fts	0.0240 fts	0.0052 fts
DX	NYHC	ANDES	114917.3200 fts	0.0177 fts	0.0066 fts	0.0029 fts
DY			87373.7174 fts	-0.0416 fts	-0.0297 fts	0.0059 fts
DZ			61955.2263 fts	0.0003 fts	0.0334 fts	0.0051 fts
DX	NYHC	ANDES	114917.3200 fts	-0.0050 fts	-0.0023 fts	0.0029 fts
DY			87373.7174 fts	0.0096 fts	-0.0079 fts	0.0059 fts
DZ			61955.2263 fts	-0.0200 fts	-0.0213 fts	0.0051 fts
DX	NYHC	ANDES	114917.3200 fts	0.0017 fts	0.0000 fts	0.0029 fts
DY			87373.7174 fts	-0.0066 fts	0.0062 fts	0.0059 fts
DZ			61955.2263 fts	0.0145 fts	0.0147 fts	0.0051 fts
DX	NYHC	ANDES	114917.3200 fts	0.0062 fts	0.0019 fts	0.0029 fts
DY			87373.7174 fts	-0.0159 fts	-0.0034 fts	0.0059 fts
DZ			61955.2263 fts	0.0106 fts	0.0197 fts	0.0051 fts
DX	NYCS	ANDES	-50309.8009 fts	0.0024 fts	-0.0089 fts	0.0027 fts
DY			-137416.5102 fts	-0.0420 fts	-0.0171 fts	0.0055 fts
DZ			-129176.4428 fts	0.0146 fts	0.0401 fts	0.0048 fts
DX	NYCS	ANDES	-50309.8009 fts	0.0185 fts	-0.0043 fts	0.0027 fts
DY			-137416.5102 fts	-0.0829 fts	-0.0350 fts	0.0055 fts
DZ			-129176.4428 fts	0.0306 fts	0.0832 fts	0.0048 fts
DX	NYCS	ANDES	-50309.8009 fts	-0.0033 fts	0.0048 fts	0.0027 fts
DY			-137416.5102 fts	0.0297 fts	0.0147 fts	0.0055 fts
DZ			-129176.4428 fts	-0.0073 fts	-0.0266 fts	0.0048 fts
DX	NYCS	ANDES	-50309.8009 fts	-0.0018 fts	0.0079 fts	0.0027 fts
DY			-137416.5102 fts	0.0363 fts	0.0004 fts	0.0055 fts
DZ			-129176.4428 fts	-0.0321 fts	-0.0478 fts	0.0048 fts
DX	NYON	ANDES	97614.8366 fts	0.0115 fts	-0.0013 fts	0.0025 fts
DY			-39095.3951 fts	-0.0483 fts	-0.0225 fts	0.0053 fts
DZ			-68250.9792 fts	0.0150 fts	0.0467 fts	0.0045 fts
DX	NYON	ANDES	97614.8366 fts	0.0110 fts	-0.0014 fts	0.0025 fts
DY			-39095.3951 fts	-0.0467 fts	-0.0210 fts	0.0053 fts
DZ			-68250.9792 fts	0.0154 fts	0.0458 fts	0.0045 fts
DX	NYON	ANDES	97614.8366 fts	-0.0055 fts	-0.0002 fts	0.0025 fts
DY						

			-39095.3951 fts	0.0198 fts	0.0124 fts	0.0053 fts
DZ			-68250.9792 fts	-0.0020 fts	-0.0165 fts	0.0045 fts
DX	NYON	ANDES	97614.8366 fts	0.0059 fts	0.0079 fts	0.0025 fts
DY			-39095.3951 fts	0.0088 fts	0.0092 fts	0.0053 fts
DZ			-68250.9792 fts	0.0060 fts	-0.0011 fts	0.0045 fts

GPS Baseline Vector Residuals

	Station	Target	Adj vector [fts]	Resid [fts]	Resid [ppm]
DV	NYHC	NYON	182338.8831	0.0228	0.1
DV	NYKT	DH3545	222109.7471	0.0163	0.1
DV	NYHS	NYKT	136839.6232	0.0156	0.1
DV	NYHS	DH3545	203336.4853	0.0218	0.1
DV	NYCS	NYHS	248139.3201	0.0267	0.1
DV	NYCS	DH3545	76850.3918	0.0147	0.2
DV	NYON	NYCS	187778.1994	0.0116	0.1
DV	NYON	DH3545	176866.2318	0.0257	0.1
DV	AA7906	DH3545	131986.5247	0.0410	0.3
DV	AA7928	WALTON	128035.1005	0.0538	0.4
DV	AA7928	MARGARETVILLE	8120.0195	0.0055	0.7
DV	AA7928	HUNTER	123095.3363	0.0338	0.3
DV	AA7928	ANDES	42078.9855	0.0192	0.5
DV	SOUTH KORTRIGHT	SUNDOWN	186677.2196	0.0113	0.1
DV	SOUTH KORTRIGHT	FLEISHMANNS	83969.7348	0.0271	0.3
DV	SOUTH KORTRIGHT	BOICEVILLE	173380.2192	0.0148	0.1
DV	STAMFORD	PHOENICIA	144140.2536	0.0271	0.2
DV	STAMFORD	CLARYVILLE	179653.9572	0.0119	0.1
DV	STAMFORD	BOICEVILLE	174868.7823	0.0254	0.1
DV	FLEISHMANNS	SUNDOWN	110592.9351	0.0357	0.3
DV	PHOENICIA	CLARYVILLE	91844.6682	0.0275	0.3
DV	HUNTER	WALTON	247247.3524	0.0100	0.0
DV	AB3881	MARGARETVILLE	111255.9845	0.0120	0.1
DV	AB3881	ANDES	155305.5385	0.0222	0.1
DV	NYHC	WALTON	87664.9843	0.0131	0.1
DV	NYHC	SUNDOWN	215575.2943	0.0204	0.1
DV	NYHC	STAMFORD	245627.1413	0.0152	0.1
DV	NYHC	SOUTH KORTRIGHT	209421.5517	0.0329	0.2
DV	NYHC	FLEISHMANNS	218039.1087	0.0429	0.2
DV	NYHC	DELHI	151430.8956	0.0411	0.3
DV	NYHC	CLARYVILLE	196498.2008	0.0192	0.1
DV	ANDES	WALTON	90353.7592	0.0437	0.5
DV	ANDES	STAMFORD	95111.3959	0.0150	0.2
DV	ANDES	SOUTH KORTRIGHT	61451.0541	0.0182	0.3
DV	ANDES	PHOENICIA	136442.3805	0.0278	0.2
DV	ANDES	HUNTER	156899.4373	0.0307	0.2
DV	ANDES	FLEISHMANNS	72807.0807	0.0164	0.2
DV	ANDES	DELHI	46530.3843	0.0381	0.8
DV	ANDES	BOICEVILLE	159155.8658	0.0354	0.2
DV	DH3545	MARGARETVILLE	123589.1092	0.0206	0.2
DV	DH3545	ANDES	136067.6901	0.0263	0.2
DV	NYKT	SUNDOWN	134810.8273	0.0085	0.1
DV	NYKT	STAMFORD	233985.5829	0.0563	0.2

DV	NYKT	SOUTH KORTRIGHT	237772.7801	0.0101	0.0
DV	NYKT	PHOENICIA	93961.7489	0.0466	0.5
DV	NYKT	HUNTER	113177.3872	0.0322	0.3
DV	NYKT	FLEISHMANNS	158513.8769	0.0271	0.2
DV	NYKT	CLARYVILLE	147602.7576	0.0420	0.3
DV	NYKT	BOICEVILLE	68683.7421	0.0172	0.3
DV	NYHS	SUNDOWN	251601.7056	0.0178	0.1
DV	NYHS	STAMFORD	239418.7640	0.0296	0.1
DV	NYHS	SOUTH KORTRIGHT	261957.0884	0.0213	0.1
DV	NYHS	PHOENICIA	164137.2264	0.0119	0.1
DV	NYHS	HUNTER	126901.8988	0.0285	0.2
DV	NYHS	FLEISHMANNS	213580.3191	0.0227	0.1
DV	NYHS	CLARYVILLE	252967.9059	0.0183	0.1
DV	NYHS	BOICEVILLE	164792.1325	0.0208	0.1
DV	NYCS	WALTON	252428.7705	0.0313	0.1
DV	NYCS	STAMFORD	100987.7118	0.0252	0.3
DV	NYCS	SOUTH KORTRIGHT	134001.2970	0.0265	0.2
DV	NYCS	PHOENICIA	218438.0106	0.0421	0.2
DV	NYCS	HUNTER	180370.8874	0.0402	0.2
DV	NYCS	FLEISHMANNS	186779.9676	0.0483	0.3
DV	NYCS	DELHI	186791.7819	0.0362	0.2
DV	NYCS	BOICEVILLE	248495.5258	0.0108	0.0
DV	NYON	WALTON	99574.2401	0.0183	0.2
DV	NYON	STAMFORD	133945.3987	0.0129	0.1
DV	NYON	SOUTH KORTRIGHT	112191.4006	0.0161	0.1
DV	NYON	PHOENICIA	251665.8750	0.0147	0.1
DV	NYON	HUNTER	254275.2030	0.0344	0.1
DV	NYON	FLEISHMANNS	187236.4825	0.0268	0.1
DV	NYON	DELHI	79119.3901	0.0151	0.2
DV	NYON	CLARYVILLE	240475.0812	0.0281	0.1
DV	AA7906	MARGARETVILLE	88110.1538	0.0244	0.3
DV	AA7906	ANDES	49768.0999	0.0093	0.2
DV	MARGARETVILLE	WALTON	132516.6808	0.0280	0.2
DV	MARGARETVILLE	STAMFORD	94766.8400	0.0280	0.3
DV	MARGARETVILLE	SOUTH KORTRIGHT	73231.8724	0.0268	0.4
DV	MARGARETVILLE	PHOENICIA	92227.0925	0.0117	0.1
DV	MARGARETVILLE	HUNTER	116787.5024	0.0176	0.2
DV	MARGARETVILLE	FLEISHMANNS	29982.2483	0.0128	0.4
DV	MARGARETVILLE	DELHI	88534.9983	0.0057	0.1
DV	MARGARETVILLE	BOICEVILLE	115336.2937	0.0178	0.2
DV	NYHC	MARGARETVILLE	189067.5263	0.0150	0.1
DV	NYHC	MARGARETVILLE	189067.5263	0.0096	0.1
DV	ANDES	MARGARETVILLE	44237.2371	0.0437	1.0
DV	ANDES	MARGARETVILLE	44237.2371	0.0571	1.3
DV	NYKT	MARGARETVILLE	183796.8304	0.0324	0.2
DV	NYKT	MARGARETVILLE	183796.8304	0.0311	0.2
DV	NYHS	MARGARETVILLE	243477.3124	0.0157	0.1
DV	NYHS	MARGARETVILLE	243477.3124	0.0183	0.1
DV	NYCS	MARGARETVILLE	193854.3504	0.0319	0.2

DV	NYCS	MARGARETVILLE	193854.3504	0.0337	0.2
DV	NYON	MARGARETVILLE	164997.4237	0.0236	0.1
DV	NYON	MARGARETVILLE	164997.4237	0.0244	0.1
DV	NYKT	ANDES	227761.3158	0.0260	0.1
DV	NYKT	ANDES	227761.3158	0.0261	0.1
DV	NYKT	ANDES	227761.3158	0.0289	0.1
DV	NYHC	ANDES	157094.2614	0.0452	0.3
DV	NYHC	ANDES	157094.2614	0.0228	0.1
DV	NYHC	ANDES	157094.2614	0.0160	0.1
DV	NYHC	ANDES	157094.2614	0.0200	0.1
DV	NYCS	ANDES	195194.5868	0.0445	0.2
DV	NYCS	ANDES	195194.5868	0.0904	0.5
DV	NYCS	ANDES	195194.5868	0.0308	0.2
DV	NYCS	ANDES	195194.5868	0.0485	0.2
DV	NYON	ANDES	125360.6892	0.0519	0.4
DV	NYON	ANDES	125360.6892	0.0504	0.4
DV	NYON	ANDES	125360.6892	0.0207	0.2
DV	NYON	ANDES	125360.6892	0.0122	0.1

External Reliability

Station		Ext Rel [fts]		Station	Target
AA7906	Latitude	-0.0353	DY	AA7906	MARGARETVILLE
	Longitude	-0.0314	DX	AA7906	MARGARETVILLE
	Height	0.0445	DY	AA7906	MARGARETVILLE
AA7928	Latitude	0.0000	DZ	AB3881	MARGARETVILLE
	Longitude	0.0000	DZ	NYON	DH3545
	Height	0.0000	DZ	AB3881	MARGARETVILLE
AB3881	Latitude	-0.0398	DZ	AB3881	MARGARETVILLE
	Longitude	-0.0373	DX	AB3881	MARGARETVILLE
	Height	0.0502	DY	AB3881	MARGARETVILLE
ANDES	Latitude	0.0188	DY	AA7928	MARGARETVILLE
	Longitude	0.0145	DX	AA7928	MARGARETVILLE
	Height	-0.0216	DY	AA7928	MARGARETVILLE
BOICEVILLE	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0152	DX	AA7928	MARGARETVILLE
	Height	-0.0225	DY	AA7928	MARGARETVILLE
CLARYVILLE	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
	Height	-0.0226	DY	AA7928	MARGARETVILLE
DELHI	Latitude	0.0197	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
	Height	-0.0225	DY	AA7928	MARGARETVILLE
DH3545	Latitude	0.0198	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
	Height	-0.0224	DY	AA7928	MARGARETVILLE
FLEISHMANN	Latitude	0.0199	DY	AA7928	MARGARETVILLE
	Longitude	0.0155	DX	AA7928	MARGARETVILLE
	Height	-0.0227	DY	AA7928	MARGARETVILLE
HUNTER	Latitude	0.0192	DY	AA7928	MARGARETVILLE
	Longitude	0.0148	DX	AA7928	MARGARETVILLE
	Height	-0.0219	DY	AA7928	MARGARETVILLE
MARGARETVILLE	Latitude	0.0201	DY	AA7928	MARGARETVILLE
	Longitude	0.0157	DX	AA7928	MARGARETVILLE

NYCS	Height	-0.0230	DY	AA7928	MARGARETVILLE
	Latitude	0.0198	DY	AA7928	MARGARETVILLE
	Longitude	0.0152	DX	AA7928	MARGARETVILLE
NYHC	Height	-0.0223	DY	AA7928	MARGARETVILLE
	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0152	DX	AA7928	MARGARETVILLE
NYHS	Height	-0.0226	DY	AA7928	MARGARETVILLE
	Latitude	0.0197	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
NYKT	Height	-0.0225	DY	AA7928	MARGARETVILLE
	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
NYON	Height	-0.0226	DY	AA7928	MARGARETVILLE
	Latitude	0.0198	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
PHOENICIA	Height	-0.0224	DY	AA7928	MARGARETVILLE
	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0152	DX	AA7928	MARGARETVILLE
SOUTH KORTRIGHT	Height	-0.0225	DY	AA7928	MARGARETVILLE
	Latitude	0.0198	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
STAMFORD	Height	-0.0225	DY	AA7928	MARGARETVILLE
	Latitude	0.0198	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
SUNDOWN	Height	-0.0224	DY	AA7928	MARGARETVILLE
	Latitude	0.0196	DY	AA7928	MARGARETVILLE
	Longitude	0.0153	DX	AA7928	MARGARETVILLE
WALTON	Height	-0.0226	DY	AA7928	MARGARETVILLE
	Latitude	0.0192	DY	AA7928	MARGARETVILLE
	Longitude	0.0149	DX	AA7928	MARGARETVILLE
	Height	-0.0220	DY	AA7928	MARGARETVILLE

Absolute Error Ellipses (2D - 39.4% 1D - 68.3%)

Station	A [fts]	B [fts]	A/B	Phi	Sd Hgt [fts]
AA7906	0.0268	0.0143	1.9	-23°	0.0442
AA7928	0.0000	0.0000	1.0	0°	0.0000
AB3881	0.0143	0.0116	1.2	3°	0.0346
ANDES	0.0068	0.0047	1.4	15°	0.0136
BOICEVILLE	0.0099	0.0075	1.3	-4°	0.0215
CLARYVILLE	0.0102	0.0076	1.3	14°	0.0220
DELHI	0.0088	0.0063	1.4	14°	0.0179
DH3545	0.0093	0.0067	1.4	7°	0.0178
FLEISHMANN	0.0079	0.0055	1.4	18°	0.0162
HUNTER	0.0084	0.0059	1.4	5°	0.0160
MARGARETVILLE	0.0066	0.0046	1.4	15°	0.0132
NYCS	0.0070	0.0049	1.4	14°	0.0140
NYHC	0.0071	0.0050	1.4	13°	0.0143
NYHS	0.0071	0.0050	1.4	15°	0.0143
NYKT	0.0071	0.0050	1.4	14°	0.0142
NYON	0.0069	0.0048	1.4	14°	0.0138
PHOENICIA	0.0092	0.0067	1.4	12°	0.0192
SOUTH					

KORTRIGHT	0.0087	0.0062	1.4	15°	0.0173
STAMFORD	0.0086	0.0064	1.3	12°	0.0188
SUNDOWN	0.0101	0.0075	1.3	7°	0.0205
WALTON	0.0083	0.0059	1.4	2°	0.0157

Relative Error Ellipses (2D - 39.4%)





Station	Station	A [fts]	B [fts]	A/B	Psi	Sd Hgt [fts]
NYHC	NYON	0.0031	0.0024	1.3	-14°	0.0065
NYKT	DH3545	0.0069	0.0050	1.4	29°	0.0128
NYHS	NYKT	0.0032	0.0024	1.3	-33°	0.0065
NYHS	DH3545	0.0069	0.0050	1.4	66°	0.0127
NYCS	NYHS	0.0032	0.0024	1.3	52°	0.0065
NYCS	DH3545	0.0068	0.0050	1.4	3°	0.0125
NYON	NYCS	0.0030	0.0022	1.3	-63°	0.0060
NYON	DH3545	0.0068	0.0050	1.4	-90°	0.0126
AA7906	DH3545	0.0265	0.0137	1.9	-88°	0.0433
AA7928	WALTON	0.0083	0.0059	1.4	86°	0.0157
AA7928	MARGARETVILLE	0.0066	0.0046	1.4	-23°	0.0132
AA7928	HUNTER	0.0084	0.0059	1.4	-71°	0.0160
AA7928	ANDES	0.0068	0.0047	1.4	77°	0.0136
SOUTH KORTRIGHT	SUNDOWN	0.0090	0.0070	1.3	22°	0.0182
SOUTH KORTRIGHT	FLEISHMANNNS	0.0069	0.0051	1.3	56°	0.0142
SOUTH KORTRIGHT	BOICEVILLE	0.0093	0.0071	1.3	36°	0.0201
STAMFORD	PHOENICIA	0.0081	0.0064	1.3	41°	0.0187
STAMFORD	CLARYVILLE	0.0090	0.0072	1.3	14°	0.0211
STAMFORD	BOICEVILLE	0.0093	0.0071	1.3	19°	0.0213
FLEISHMANNNS	SUNDOWN	0.0085	0.0066	1.3	9°	0.0178
PHOENICIA	CLARYVILLE	0.0094	0.0073	1.3	-39°	0.0210
HUNTER	WALTON	0.0072	0.0048	1.5	81°	0.0123
AB3881	MARGARETVILLE	0.0129	0.0107	1.2	63°	0.0321
AB3881	ANDES	0.0130	0.0108	1.2	65°	0.0323
NYHC	WALTON	0.0059	0.0039	1.5	-43°	0.0101
NYHC	SUNDOWN	0.0079	0.0061	1.3	78°	0.0162
NYHC	STAMFORD	0.0060	0.0049	1.2	-44°	0.0143
NYHC	SOUTH KORTRIGHT	0.0061	0.0046	1.3	-35°	0.0122
NYHC	FLEISHMANNNS	0.0050	0.0037	1.4	-51°	0.0109
NYHC	DELHI	0.0063	0.0047	1.3	-30°	0.0130
NYHC	CLARYVILLE	0.0081	0.0063	1.3	-83°	0.0182
ANDES	WALTON	0.0059	0.0039	1.5	81°	0.0102
ANDES	STAMFORD	0.0059	0.0048	1.2	-27°	0.0142
ANDES	SOUTH KORTRIGHT	0.0060	0.0046	1.3	-8°	0.0121
ANDES	PHOENICIA	0.0068	0.0052	1.3	81°	0.0147
ANDES	HUNTER	0.0060	0.0041	1.5	85°	0.0107
ANDES	FLEISHMANNNS	0.0050	0.0036	1.4	-79°	0.0108
ANDES	DELHI	0.0063	0.0047	1.3	58°	0.0131
ANDES	BOICEVILLE	0.0080	0.0058	1.4	48°	0.0176
DH3545	MARGARETVILLE	0.0067	0.0049	1.4	-27°	0.0123
DH3545	ANDES	0.0070	0.0051	1.4	-45°	0.0129

NYKT	SUNDOWN	0.0078	0.0060	1.3	-78°	0.0160
NYKT	STAMFORD	0.0059	0.0048	1.2	47°	0.0142
NYKT	SOUTH KORTRIGHT	0.0060	0.0046	1.3	65°	0.0121
NYKT	PHOENICIA	0.0068	0.0052	1.3	63°	0.0146
NYKT	HUNTER	0.0060	0.0041	1.5	18°	0.0107
NYKT	FLEISHMANNNS	0.0050	0.0037	1.4	79°	0.0107
NYKT	CLARYVILLE	0.0080	0.0063	1.3	-76°	0.0181
NYKT	BOICEVILLE	0.0080	0.0057	1.4	50°	0.0174
NYHS	SUNDOWN	0.0078	0.0061	1.3	-56°	0.0161
NYHS	STAMFORD	0.0059	0.0048	1.2	80°	0.0141
NYHS	SOUTH KORTRIGHT	0.0060	0.0046	1.3	-84°	0.0120
NYHS	PHOENICIA	0.0068	0.0052	1.3	-61°	0.0145
NYHS	HUNTER	0.0060	0.0041	1.5	87°	0.0106
NYHS	FLEISHMANNNS	0.0050	0.0037	1.4	-61°	0.0107
NYHS	CLARYVILLE	0.0080	0.0063	1.3	-49°	0.0181
NYHS	BOICEVILLE	0.0080	0.0057	1.4	-75°	0.0174
NYCS	WALTON	0.0057	0.0038	1.5	-58°	0.0099
NYCS	STAMFORD	0.0058	0.0047	1.2	-16°	0.0139
NYCS	SOUTH KORTRIGHT	0.0059	0.0045	1.3	-14°	0.0118
NYCS	PHOENICIA	0.0067	0.0051	1.3	19°	0.0144
NYCS	HUNTER	0.0058	0.0039	1.5	14°	0.0103
NYCS	FLEISHMANNNS	0.0048	0.0035	1.4	16°	0.0105
NYCS	DELHI	0.0062	0.0046	1.3	-29°	0.0128
NYCS	BOICEVILLE	0.0080	0.0057	1.4	-5°	0.0174
NYON	WALTON	0.0056	0.0037	1.5	-18°	0.0096
NYON	STAMFORD	0.0058	0.0047	1.2	89°	0.0139
NYON	SOUTH KORTRIGHT	0.0059	0.0045	1.3	86°	0.0117
NYON	PHOENICIA	0.0067	0.0051	1.3	66°	0.0143
NYON	HUNTER	0.0058	0.0039	1.5	61°	0.0102
NYON	FLEISHMANNNS	0.0048	0.0035	1.4	78°	0.0103
NYON	DELHI	0.0060	0.0045	1.3	51°	0.0124
NYON	CLARYVILLE	0.0079	0.0062	1.3	49°	0.0179
AA7906	MARGARETVILLE	0.0262	0.0133	2.0	26°	0.0424
AA7906	ANDES	0.0262	0.0133	2.0	7°	0.0424
MARGARETVILLE	WALTON	0.0056	0.0037	1.5	73°	0.0095
MARGARETVILLE	STAMFORD	0.0057	0.0046	1.2	0°	0.0137
MARGARETVILLE	SOUTH KORTRIGHT	0.0058	0.0044	1.3	30°	0.0115
MARGARETVILLE	PHOENICIA	0.0066	0.0050	1.3	82°	0.0142
MARGARETVILLE	HUNTER	0.0057	0.0038	1.5	-88°	0.0099
MARGARETVILLE	FLEISHMANNNS	0.0044	0.0031	1.4	-60°	0.0095
MARGARETVILLE	DELHI	0.0060	0.0045	1.3	71°	0.0125
MARGARETVILLE	BOICEVILLE	0.0079	0.0056	1.4	44°	0.0172
NYHC	MARGARETVILLE	0.0031	0.0023	1.3	-68°	0.0062
ANDES	MARGARETVILLE	0.0029	0.0022	1.4	73°	0.0060
NYKT	MARGARETVILLE	0.0029	0.0022	1.3	66°	0.0060
NYHS	MARGARETVILLE	0.0030	0.0022	1.3	-80°	0.0060
NYCS	MARGARETVILLE	0.0027	0.0020	1.3	-13°	0.0054
NYON	MARGARETVILLE	0.0025	0.0019	1.3	51°	0.0051
NYKT	ANDES	0.0035	0.0026	1.3	67°	0.0072


NYHC	ANDES	0.0034	0.0026	1.3	-57°	0.0071
NYCS	ANDES	0.0032	0.0024	1.4	-25°	0.0066
NYON	ANDES	0.0031	0.0023	1.4	43°	0.0063

Testing and Estimated Errors


Observation Tests



	Station	Target	MDB	Red	BNR	W-Test	T-Test
DX	NYHC	NYON	0.0141 fts	63	2.1	0.26	2.15 
DY			0.0242 fts	66	2.0	1.45	
DZ			0.0217 fts	65	2.1	-0.78	
DX	NYKT	DH3545	0.0371 fts	81	1.3	-0.80	0.29
DY			0.0627 fts	80	1.3	-0.02	
DZ			0.0542 fts	80	1.4	-0.20	
DX	NYHS	NYKT	0.0139 fts	54	2.6	-0.17	1.70
DY			0.0226 fts	53	2.6	-0.95	
DZ			0.0211 fts	54	2.6	1.06	
DX	NYHS	DH3545	0.0369 fts	81	1.4	-1.47	0.86
DY			0.0612 fts	79	1.4	0.06	
DZ			0.0554 fts	81	1.3	0.49	
DX	NYCS	NYHS	0.0142 fts	61	2.2	2.52 	5.12 
DY			0.0231 fts	59	2.3	-1.00	
DZ			0.0218 fts	62	2.2	0.53	
DX	NYCS	DH3545	0.0347 fts	79	1.5	-0.19	0.16
DY			0.0587 fts	77	1.5	-0.63	
DZ			0.0513 fts	78	1.4	-0.06	
DX	NYON	NYCS	0.0136 fts	68	1.9	1.97 	1.69
DY			0.0231 fts	70	1.8	1.13	
DZ			0.0210 fts	70	1.8	-0.45	
DX	NYON	DH3545	0.0334 fts	75	1.6	0.90	0.92
DY			0.0587 fts	79	1.5	-1.10	
DZ			0.0475 fts	74	1.6	-0.80	
DX	AA7906	DH3545	0.0951 fts	70	1.8	0.63	0.19
DY			0.1570 fts	80	1.7	0.22	
DZ			0.1312 fts	66	2.0	0.36	
DX	AA7928	WALTON	0.0711 fts	93	0.7	0.32	0.32
DY			0.1173 fts	93	0.8	-0.33	
DZ			0.1050 fts	92	0.8	0.44	
DX	AA7928	MARGARETVILLE	0.0268 fts	39	3.5	0.95	0.48
DY			0.0510 fts	37	3.5	-0.49	
DZ			0.0421 fts	40	3.4	-0.82	
DX	AA7928	HUNTER	0.0730 fts	94	0.7	-0.42	0.16
DY			0.1251 fts	93	0.7	-0.42	
DZ			0.1104 fts	93	0.7	0.27	
DX	AA7928	ANDES	0.0278 fts	62	2.2	-0.95	0.71
DY			0.0540 fts	66	2.0	0.86	
DZ			0.0438 fts	62	2.2	0.56	
DX	SOUTH KORTRIGHT	SUNDOWN	0.0508 fts	81	1.3	0.15	0.05
DY			0.0870 fts	83	1.3	0.08	
DZ			0.0677 fts	77	1.4	-0.30	

SOUTH








DX	KORTRIGHT	FLEISHMANN'S	0.0493 fts	90	0.9	-0.17	0.19
DY			0.0842 fts	89	0.9	0.64	
DZ			0.0736 fts	91	0.9	0.21	
DX	SOUTH KORTRIGHT	BOICEVILLE	0.1174 fts	96	0.5	-0.13	0.03
DY			0.1973 fts	97	0.5	0.09	
DZ			0.1655 fts	95	0.6	0.25	
DX	STAMFORD	PHOENICIA	0.0597 fts	90	1.0	-0.24	0.12
DY			0.0977 fts	90	1.0	-0.53	
DZ			0.0772 fts	87	1.1	-0.10	
DX	STAMFORD	CLARYVILLE	0.0556 fts	83	1.2	-0.29	0.10
DY			0.0935 fts	84	1.2	-0.53	
DZ			0.0761 fts	83	1.3	-0.31	
DX	STAMFORD	BOICEVILLE	0.0851 fts	93	0.7	0.46	0.10
DY			0.1174 fts	92	0.8	0.17	
DZ			0.1370 fts	95	0.7	-0.15	
DX	FLEISHMANN'S	SUNDOWN	0.0601 fts	89	1.0	0.26	0.17
DY			0.1017 fts	88	1.0	-0.28	
DZ			0.0809 fts	87	1.1	0.10	
DX	PHOENICIA	CLARYVILLE	0.0495 fts	78	1.5	-0.04	0.21
DY			0.0845 fts	77	1.5	-0.05	
DZ			0.0665 fts	75	1.6	-0.58	
DX	HUNTER	WALTON	0.0328 fts	75	1.6	-0.38	0.12
DY			0.0524 fts	75	1.6	-0.47	
DZ			0.0518 fts	75	1.6	0.04	
DX	AB3881	MARGARETVILLE	0.0629 fts	38	3.6	-0.24	0.16
DY			0.0987 fts	32	3.7	0.51	
DZ			0.0908 fts	42	3.4	0.28	
DX	AB3881	ANDES	0.0629 fts	60	2.3	0.24	0.16
DY			0.0987 fts	66	2.2	-0.51	
DZ			0.0908 fts	56	2.4	-0.28	
DX	NYHC	WALTON	0.0269 fts	76	1.6	0.70	0.50
DY			0.0427 fts	75	1.6	-0.35	
DZ			0.0432 fts	76	1.6	-0.84	
DX	NYHC	SUNDOWN	0.0385 fts	70	1.8	-1.52	1.00
DY			0.0619 fts	70	1.9	-1.29	
DZ			0.0539 fts	70	1.8	-0.05	
DX	NYHC	STAMFORD	0.0434 fts	88	1.0	-0.35	0.21
DY			0.0685 fts	87	1.0	0.37	
DZ			0.0626 fts	88	1.0	0.77	
DX	NYHC	SOUTH KORTRIGHT	0.0377 fts	86	1.1	-1.29	0.98
DY			0.0650 fts	85	1.1	-0.73	
DZ			0.0535 fts	85	1.2	0.97	
DX	NYHC	FLEISHMANN'S	0.0378 fts	91	0.9	-0.41	0.66
DY			0.0653 fts	91	0.9	0.13	
DZ			0.0599 fts	92	0.9	1.20	
DX	NYHC	DELHI	0.0331 fts	79	1.4	0.40	1.50
DY			0.0589 fts	80	1.4	2.09	
DZ			0.0476 fts	79	1.4	0.85	
DX	NYHC	CLARYVILLE	0.0449 fts	79	1.4	-0.33	0.45
DY			0.0772 fts	80	1.4	0.69	
DZ			0.0623 fts	79	1.4	1.16	
DX	ANDES	WALTON	0.0397 fts	90	0.9	0.35	0.75

DY			0.0637 fts	90	0.9	-1.03	
DZ			0.0638 fts	90	0.9	-0.04	
DX	ANDES	STAMFORD	0.0464 fts	90	0.9	-0.56	0.13
DY			0.0755 fts	91	0.9	-0.10	
DZ			0.0663 fts	90	0.9	-0.04	
DX	ANDES	SOUTH KORTRIGHT	0.0431 fts	90	0.9	0.02	0.26
DY			0.0753 fts	90	0.9	-0.50	
DZ			0.0611 fts	89	1.0	-0.84	
DX	ANDES	PHOENICIA	0.0477 fts	89	1.0	-0.76	0.31
DY			0.0845 fts	89	0.9	-0.19	
DZ			0.0664 fts	88	1.0	-0.24	
DX	ANDES	HUNTER	0.0413 fts	90	0.9	0.59	0.43
DY			0.0685 fts	91	0.9	-0.60	
DZ			0.0651 fts	90	0.9	-0.24	
DX	ANDES	FLEISHMANN'S	0.0424 fts	93	0.7	-0.33	0.10
DY			0.0757 fts	94	0.7	-0.15	
DZ			0.0670 fts	93	0.7	-0.24	
DX	ANDES	DELHI	0.0438 fts	90	1.0	-1.98	1.39
DY			0.0774 fts	90	1.0	-0.23	
DZ			0.0608 fts	89	1.0	0.43	
DX	ANDES	BOICEVILLE	0.0476 fts	83	1.2	-0.03	0.24
DY			0.0714 fts	86	1.2	0.06	
DZ			0.0746 fts	84	1.2	-0.55	
DX	DH3545	MARGARETVILLE	0.0381 fts	84	1.2	-0.88	0.61
DY			0.0649 fts	83	1.2	-1.27	
DZ			0.0561 fts	83	1.2	-0.63	
DX	DH3545	ANDES	0.0488 fts	90	0.9	-0.49	0.24
DY			0.0849 fts	90	0.9	-0.69	
DZ			0.0723 fts	90	0.9	0.07	
DX	NYKT	SUNDOWN	0.0378 fts	69	1.8	0.08	0.10
DY			0.0607 fts	69	1.9	0.54	
DZ			0.0528 fts	70	1.8	0.35	
DX	NYKT	STAMFORD	0.0405 fts	86	1.1	0.20	0.81
DY			0.0639 fts	86	1.1	-0.78	
DZ			0.0584 fts	86	1.1	0.27	
DX	NYKT	SOUTH KORTRIGHT	0.0368 fts	85	1.2	0.17	0.15
DY			0.0635 fts	85	1.1	0.53	
DZ			0.0522 fts	85	1.2	0.55	
DX	NYKT	PHOENICIA	0.0394 fts	83	1.3	0.32	0.82
DY			0.0684 fts	83	1.2	-0.07	
DZ			0.0549 fts	82	1.3	0.98	
DX	NYKT	HUNTER	0.0319 fts	83	1.3	0.85	0.79
DY			0.0516 fts	82	1.3	-0.45	
DZ			0.0507 fts	83	1.3	0.38	
DX	NYKT	FLEISHMANN'S	0.0364 fts	90	0.9	0.39	0.40
DY			0.0629 fts	90	0.9	0.52	
DZ			0.0577 fts	91	0.9	0.80	
DX	NYKT	CLARYVILLE	0.0452 fts	80	1.4	0.38	0.45
DY			0.0777 fts	80	1.4	-0.44	
DZ			0.0627 fts	80	1.4	0.24	
DX	NYKT	BOICEVILLE	0.0407 fts	76	1.5	-0.39	0.19
DY			0.0583 fts	75	1.6	-0.64	

DZ			0.0643 fts	77	1.5	-0.15	
DX	NYHS	SUNDOWN	0.0402 fts	74	1.6	1.20	0.60
DY			0.0644 fts	74	1.7	0.89	
DZ			0.0561 fts	74	1.6	-0.14	
DX	NYHS	STAMFORD	0.0383 fts	84	1.2	0.44	0.49
DY			0.0603 fts	84	1.2	-0.91	
DZ			0.0552 fts	85	1.2	-0.58	
DX	NYHS	SOUTH KORTRIGHT	0.0374 fts	86	1.1	1.44	0.82
DY			0.0645 fts	86	1.1	0.77	
DZ			0.0531 fts	85	1.1	-0.53	
DX	NYHS	PHOENICIA	0.0413 fts	85	1.2	0.61	0.22
DY			0.0715 fts	85	1.2	-0.27	
DZ			0.0574 fts	84	1.2	-0.62	
DX	NYHS	HUNTER	0.0325 fts	84	1.2	0.98	0.69
DY			0.0525 fts	83	1.2	-0.15	
DZ			0.0516 fts	83	1.2	0.47	
DX	NYHS	FLEISHMANNS	0.0378 fts	91	0.9	1.49	0.85
DY			0.0652 fts	91	0.8	0.70	
DZ			0.0598 fts	92	0.8	-0.31	
DX	NYHS	CLARYVILLE	0.0476 fts	82	1.3	0.67	0.44
DY			0.0818 fts	83	1.3	-0.62	
DZ			0.0660 fts	82	1.3	-1.01	
DX	NYHS	BOICEVILLE	0.0415 fts	78	1.5	0.11	0.14
DY			0.0594 fts	76	1.5	-0.10	
DZ			0.0655 fts	78	1.5	0.36	
DX	NYCS	WALTON	0.0269 fts	77	1.5	0.01	1.34
DY			0.0427 fts	77	1.5	1.73	
DZ			0.0432 fts	77	1.5	0.46	
DX	NYCS	STAMFORD	0.0362 fts	83	1.3	0.29	0.30
DY			0.0571 fts	82	1.3	0.04	
DZ			0.0522 fts	83	1.3	-0.72	
DX	NYCS	SOUTH KORTRIGHT	0.0352 fts	84	1.2	0.61	0.59
DY			0.0606 fts	84	1.2	1.26	
DZ			0.0499 fts	83	1.2	0.19	
DX	NYCS	PHOENICIA	0.0394 fts	83	1.2	0.03	0.68
DY			0.0683 fts	83	1.2	0.15	
DZ			0.0548 fts	83	1.2	-1.00	
DX	NYCS	HUNTER	0.0302 fts	82	1.3	-0.87	1.35
DY			0.0487 fts	81	1.3	1.00	
DZ			0.0479 fts	81	1.3	-0.14	
DX	NYCS	FLEISHMANNS	0.0338 fts	89	0.9	0.85	1.34
DY			0.0583 fts	90	0.9	1.71	
DZ			0.0535 fts	90	0.9	0.11	
DX	NYCS	DELHI	0.0344 fts	82	1.3	-0.32	1.58
DY			0.0611 fts	82	1.3	-2.14	
DZ			0.0493 fts	81	1.3	-1.40	
DX	NYCS	BOICEVILLE	0.0416 fts	78	1.5	0.18	0.21
DY			0.0596 fts	77	1.5	0.72	
DZ			0.0657 fts	78	1.5	0.71	
DX	NYON	WALTON	0.0248 fts	73	1.7	-0.79	0.60
DY			0.0394 fts	72	1.7	0.38	
DZ			0.0398 fts	73	1.7	-0.38	

DX	NYON	STAMFORD	0.0353 fts	82	1.3	-0.34	0.19
DY			0.0556 fts	81	1.3	0.56	
DZ			0.0508 fts	82	1.3	0.52	
DX	NYON	SOUTH KORTRIGHT	0.0327 fts	81	1.3	-0.38	0.23
DY			0.0564 fts	81	1.3	0.61	
DZ			0.0464 fts	81	1.3	0.37	
DX	NYON	PHOENICIA	0.0365 fts	80	1.4	-0.14	0.34
DY			0.0633 fts	80	1.4	0.85	
DZ			0.0508 fts	80	1.4	0.87	
DX	NYON	HUNTER	0.0283 fts	79	1.4	-1.68	1.77
DY			0.0457 fts	78	1.5	-0.25	
DZ			0.0448 fts	78	1.4	-1.14	
DX	NYON	FLEISHMANN'S	0.0317 fts	88	1.0	0.18	0.61
DY			0.0548 fts	88	1.0	1.34	
DZ			0.0502 fts	89	1.0	0.60	
DX	NYON	DELHI	0.0262 fts	62	2.2	0.70	0.42
DY			0.0467 fts	62	2.2	-0.09	
DZ			0.0376 fts	62	2.2	0.31	
DX	NYON	CLARYVILLE	0.0411 fts	75	1.6	-0.38	0.36
DY			0.0706 fts	75	1.6	0.74	
DZ			0.0569 fts	75	1.6	0.32	
DX	AA7906	MARGARETVILLE	0.0857 fts	63	2.3	-0.26	0.09
DY			0.1334 fts	55	2.4	-0.03	
DZ			0.1244 fts	63	2.2	-0.34	
DX	AA7906	ANDES	0.0877 fts	63	2.1	-0.31	0.04
DY			0.1390 fts	62	2.1	-0.16	
DZ			0.1293 fts	66	1.9	0.00	
DX	MARGARETVILLE	WALTON	0.0283 fts	82	1.3	0.09	0.64
DY			0.0450 fts	81	1.3	-0.63	
DZ			0.0456 fts	82	1.3	0.64	
DX	MARGARETVILLE	STAMFORD	0.0386 fts	86	1.1	0.06	0.24
DY			0.0608 fts	86	1.1	0.18	
DZ			0.0555 fts	86	1.1	-0.48	
DX	MARGARETVILLE	SOUTH KORTRIGHT	0.0367 fts	86	1.1	-0.62	0.90
DY			0.0633 fts	86	1.1	-1.59	
DZ			0.0522 fts	86	1.1	-0.88	
DX	MARGARETVILLE	PHOENICIA	0.0390 fts	83	1.2	-0.02	0.11
DY			0.0677 fts	84	1.2	-0.24	
DZ			0.0542 fts	83	1.2	-0.53	
DX	MARGARETVILLE	HUNTER	0.0296 fts	82	1.3	0.33	0.28
DY			0.0478 fts	82	1.3	-0.01	
DZ			0.0470 fts	82	1.3	0.65	
DX	MARGARETVILLE	FLEISHMANN'S	0.0183 fts	43	3.2	-1.00	2.46 
DY			0.0316 fts	43	3.2	-2.62 	
DZ			0.0288 fts	45	3.1	-1.17	
DX	MARGARETVILLE	DELHI	0.0298 fts	75	1.6	0.48	0.09
DY			0.0530 fts	75	1.6	0.24	
DZ			0.0427 fts	75	1.6	-0.20	
DX	MARGARETVILLE	BOICEVILLE	0.0445 fts	82	1.3	-0.05	0.11
DY			0.0636 fts	81	1.3	-0.14	
DZ			0.0703 fts	82	1.3	-0.50	
DX	NYHC	MARGARETVILLE	0.0173 fts	83	1.3	0.37	1.36

DY			0.0287 fts	82	1.3	-1.12		
DZ			0.0267 fts	82	1.3	-2.00	⚠	
DX	NYHC	MARGARETVILLE	0.0155 fts	77	1.5	-0.18		0.39
DY			0.0257 fts	76	1.6	0.19		
DZ			0.0240 fts	77	1.5	0.99		
DX	ANDES	MARGARETVILLE	0.0210 fts	90	0.9	2.44	⚠	3.73 ⚠
DY			0.0363 fts	90	0.9	0.02		
DZ			0.0346 fts	90	0.9	1.46		
DX	ANDES	MARGARETVILLE	0.0265 fts	94	0.7	-0.03		1.56
DY			0.0426 fts	93	0.7	-1.11		
DZ			0.0393 fts	94	0.7	0.51		
DX	NYKT	MARGARETVILLE	0.0152 fts	77	1.5	-3.49	⚠	7.15 ⚠
DY			0.0252 fts	78	1.5	-1.61		
DZ			0.0233 fts	77	1.5	-2.52	⚠	
DX	NYKT	MARGARETVILLE	0.0157 fts	79	1.4	2.39	⚠	4.32 ⚠
DY			0.0261 fts	79	1.4	0.98		
DZ			0.0243 fts	80	1.4	2.09	⚠	
DX	NYHS	MARGARETVILLE	0.0176 fts	84	1.2	-2.69	⚠	2.92 ⚠
DY			0.0289 fts	84	1.2	-1.90		
DZ			0.0272 fts	84	1.2	-0.98		
DX	NYHS	MARGARETVILLE	0.0158 fts	79	1.4	3.16	⚠	3.89 ⚠
DY			0.0260 fts	79	1.4	1.51		
DZ			0.0244 fts	80	1.4	1.00		
DX	NYCS	MARGARETVILLE	0.0164 fts	85	1.1	-1.20		3.43 ⚠
DY			0.0273 fts	85	1.1	-3.09	⚠	
DZ			0.0252 fts	85	1.1	-0.95		
DX	NYCS	MARGARETVILLE	0.0144 fts	80	1.4	0.18		4.31 ⚠
DY			0.0239 fts	79	1.4	3.22	⚠	
DZ			0.0223 fts	80	1.4	0.89		
DX	NYON	MARGARETVILLE	0.0133 fts	79	1.4	-0.03		3.33 ⚠
DY			0.0226 fts	80	1.4	-3.02	⚠	
DZ			0.0203 fts	79	1.4	-1.66		
D0	NYON	MARGARETVILLE	0.0130 fts	78	1.5	-1.00		3.12 ⚠
DY			0.0216 fts	76	1.5	2.30	⚠	
DZ			0.0201 fts	79	1.5	0.91		
DX	NYKT	ANDES	0.0293 fts	92	0.8	-1.53		1.10
DY			0.0510 fts	93	0.7	-0.61		
DZ			0.0481 fts	93	0.7	-0.99		
DX	NYKT	ANDES	0.0328 fts	94	0.7	-0.83		1.34
DY			0.0535 fts	94	0.7	-1.89		
DZ			0.0486 fts	94	0.7	-1.55		
DX	NYKT	ANDES	0.0196 fts	82	1.3	2.15	⚠	3.26 ⚠
DY			0.0338 fts	83	1.2	1.51		
DZ			0.0303 fts	82	1.3	2.01	⚠	
DX	NYHC	ANDES	0.0273 fts	92	0.8	0.96		2.25 ⚠
DY			0.0476 fts	92	0.8	-1.87		
DZ			0.0449 fts	92	0.8	-1.12		
DX	NYHC	ANDES	0.0372 fts	96	0.6	-0.14		0.22
DY			0.0603 fts	95	0.6	-0.33		
DZ			0.0551 fts	96	0.6	-0.72		
DX	NYHC	ANDES	0.0195 fts	83	1.3	-0.04		0.57
DY			0.0339 fts	83	1.2	0.34		

DZ			0.0303 fts	83	1.2	1.21		
DX	NYHC	ANDES	0.0355 fts	95	0.6	0.17	0.11	
DY			0.0626 fts	95	0.6	-0.30		
DZ			0.0558 fts	95	0.6	0.03		
DX	NYCS	ANDES	0.0271 fts	92	0.8	-0.66	1.67	
DY			0.0473 fts	93	0.7	-2.06		
DZ			0.0445 fts	93	0.7	-0.34		
DX	NYCS	ANDES	0.0365 fts	96	0.5	0.19	2.99	
DY			0.0593 fts	96	0.6	-2.61		
DZ			0.0540 fts	96	0.6	-1.16		
DX	NYCS	ANDES	0.0194 fts	85	1.2	0.32	1.89	
DY			0.0336 fts	86	1.1	2.28		
DZ			0.0301 fts	85	1.2	0.89		
DX	NYCS	ANDES	0.0378 fts	96	0.5	0.66	0.68	
DY			0.0667 fts	96	0.5	0.68		
DZ			0.0594 fts	96	0.5	-0.68		
DX	NYON	ANDES	0.0249 fts	92	0.8	0.53	2.14	
DY			0.0465 fts	94	0.7	-2.00		
DZ			0.0392 fts	92	0.8	-0.48		
DX	NYON	ANDES	0.0306 fts	95	0.6	0.19	1.46	
DY			0.0497 fts	94	0.7	-1.84		
DZ			0.0454 fts	95	0.7	-0.92		
DX	NYON	ANDES	0.0179 fts	84	1.2	-0.40	1.24	
DY			0.0311 fts	84	1.2	1.69		
DZ			0.0278 fts	84	1.2	1.05		
DX	NYON	ANDES	0.0360 fts	96	0.5	0.51	0.22	
DY			0.0631 fts	96	0.5	0.71		
DZ			0.0561 fts	96	0.5	0.41		

Redundancy:**W-Test:****T-Test (3-dimensional):****Estimated Errors (Observations)****Estimated Errors For Observations With Rejected W-Tests (max 10)**

	Station	Target	W-Test	Fact	Est err
DX	NYKT	MARGARETVILLE	-3.49	1.8	-0.0189 fts
DZ			-2.52	1.3	-0.0210 fts
DY	NYCS	MARGARETVILLE	3.22	1.6	0.0275 fts
DX	NYHS	MARGARETVILLE	3.16	1.6	0.0178 fts
DY	NYCS	MARGARETVILLE	-3.09	1.6	-0.0301 fts
DY	NYON	MARGARETVILLE	-3.02	1.5	-0.0244 fts
DX	NYHS	MARGARETVILLE	-2.69	1.4	-0.0170 fts
DY	MARGARETVILLE	FLEISHMANN'S	-2.62	1.3	-0.0296 fts
DY	NYCS	ANDES	-2.61	1.3	-0.0552 fts
DX	NYCS	NYHS	2.52	1.3	0.0128 fts

Estimated Errors For Observations With Rejected Antenna Hgt W-Tests (max 10)

Station	Target	W-Test	Fact	MDB [fts]	Est ant err [fts]
NYHC	NYON	-2.41	1.2	0.0380	-0.0327
NYHS	NYKT	2.22	1.1	0.0362	0.0288
ANDES	MARGARETVILLE	2.11	1.1	0.0776	0.0584
NYON	MARGARETVILLE	-2.06	1.1	0.0346	-0.0255

Estimated Errors For Observations With Rejected T-Tests (max 10)

	Station	Target	T-Test	Fact	Est err
DX	NYKT	MARGARETVILLE	7.15	1.9	-0.0231 fts
DY					0.0163 fts
DZ					-0.0312 fts
DX	NYCS	NYHS	5.12	1.6	0.0201 fts
DY					-0.0317 fts
DZ					0.0227 fts
DX	NYKT	MARGARETVILLE	4.32	1.5	0.0181 fts
DY					-0.0173 fts
DZ					0.0295 fts
DX	NYCS	MARGARETVILLE	4.31	1.5	-0.0068 fts
DY					0.0391 fts
DZ					-0.0140 fts
DX	NYHS	MARGARETVILLE	3.89	1.4	0.0190 fts
DY					-0.0028 fts
DZ					0.0126 fts
DX	ANDES	MARGARETVILLE	3.73	1.4	0.0237 fts
DY					-0.0314 fts
DZ					0.0299 fts
DX	NYCS	MARGARETVILLE	3.43	1.3	0.0002 fts
DY					-0.0359 fts
DZ					0.0096 fts
DX	NYON	MARGARETVILLE	3.33	1.3	0.0049 fts
DY					-0.0287 fts
DZ					0.0030 fts
DX	NYKT	ANDES	3.26	1.3	0.0181 fts
DY					-0.0086 fts
DZ					0.0286 fts
DX	NYON	MARGARETVILLE	3.12	1.3	-0.0101 fts
DY					0.0282 fts
DZ					-0.0093 fts

Network Adjustment

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Created: 02/07/2011 20:02:56


Project Information

Project name: FEMA NYCDEP Prime Control
 Date created: 02/02/2011 09:36:31
 Time zone: -5h 00'
 Coordinate system name: NY E NAD83 G03
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

General Information

Adjustment

Type: Constrained
 Dimension: 3D
 Coordinate system: WGS 1984
 Height mode: Ellipsoidal

Number of iterations: 1
 Maximum coord correction in last iteration: 0.0000 fts  (tolerance is met)

Stations

Number of (partly) known stations: 4
 Number of unknown stations: 17
 Total: 21

Observations

GPS coordinate differences: 321 (107 baselines)
 Known coordinates: 10
 Total: 331


Unknowns

Coordinates: 63
 Total: 63

Degrees of freedom: 268

Testing

Alfa (multi dimensional): 0.6965
 Alfa 0 (one dimensional): 5.0 %
 Beta: 80.0 %
 Sigma a-priori (GPS): 10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.95	
F-test:	3.65	 (rejected)

Results based on a-posteriori variance factor

Adjustment Results

Coordinates

Station	Coordinate	Corr	Sd		
AA7906	Latitude	42° 18' 04.78995" N	0.0000 fts	-	fixed
	Longitude	74° 53' 51.05977" W	0.0000 fts	-	fixed
	Height	1318.4324 fts	0.0000 fts	-	fixed
AA7928	Latitude	42° 07' 52.34065" N	0.0000 fts	-	fixed
	Longitude	74° 39' 49.23537" W	0.0000 fts	-	fixed
	Height	1220.2960 fts	0.0000 fts	-	fixed
AB3881	Latitude	42° 01' 30.16676" N	0.0000 fts	-	fixed
	Longitude	74° 16' 13.89122" W	0.0000 fts	-	fixed
	Height	556.8821 fts	0.0000 fts	-	fixed
ANDES	Latitude	42° 11' 06.75405" N	0.0294 fts	0.0061 fts	
	Longitude	74° 48' 02.96123" W	-0.0584 fts	0.0046 fts	
	Height	1717.9070 fts	-0.1463 fts	0.0100 fts	
BOICEVILLE	Latitude	42° 00' 19.49195" N	0.0224 fts	0.0099 fts	
	Longitude	74° 15' 59.29722" W	-0.0696 fts	0.0076 fts	
	Height	523.1950 fts	-0.1543 fts	0.0200 fts	
CLARYVILLE	Latitude	41° 54' 58.11808" N	0.0147 fts	0.0101 fts	
	Longitude	74° 34' 22.10543" W	-0.0709 fts	0.0079 fts	
	Height	1518.1120 fts	-0.1346 fts	0.0207 fts	
DELHI	Latitude	42° 16' 19.29124" N	0.0115 fts	0.0085 fts	
	Longitude	74° 55' 36.38627" W	-0.0600 fts	0.0064 fts	
	Height	1456.6512 fts	-0.1188 fts	0.0157 fts	
DH3545	Latitude	42° 27' 27.79235" N	0.0123 fts	0.0088 fts	
	Longitude	74° 27' 25.04419" W	-0.0676 fts	0.0066 fts	
	Height	735.6595 fts	0.0000 fts	-	fixed
FLEISHMANN'S	Latitude	42° 09' 22.47680" N	0.0206 fts	0.0073 fts	
	Longitude	74° 32' 06.40680" W	-0.0633 fts	0.0056 fts	
	Height	1391.1524 fts	-0.1380 fts	0.0134 fts	
HUNTER	Latitude	42° 12' 45.44976" N	0.0293 fts	0.0081 fts	
	Longitude	74° 13' 22.85155" W	-0.0626 fts	0.0058 fts	
	Height	1497.5051 fts	-0.1605 fts	0.0133 fts	
MARGARETVILLE	Latitude	42° 08' 55.47292" N	0.0234 fts	0.0059 fts	
	Longitude	74° 38' 42.75674" W	-0.0611 fts	0.0044 fts	
	Height	1220.1471 fts	-0.1365 fts	0.0093 fts	
NYCS	Latitude	42° 40' 02.83678" N	0.0115 fts	0.0064 fts	
	Longitude	74° 29' 10.94917" W	-0.0493 fts	0.0047 fts	
	Height	887.9214 fts	-0.1313 fts	0.0100 fts	
NYHC	Latitude	41° 57' 29.98187" N	0.0025 fts	0.0065 fts	
	Longitude	75° 17' 33.87700" W	-0.0533 fts	0.0049 fts	
	Height	855.2773 fts	-0.0902 fts	0.0108 fts	

NYHS	Latitude	42° 15' 08.35990" N	0.0276 fts	0.0065 fts
	Longitude	73° 45' 27.16167" W	-0.0845 fts	0.0049 fts
	Height	72.2080 fts	-0.2000 fts	0.0104 fts
NYKT	Latitude	41° 56' 12.97201" N	0.0229 fts	0.0065 fts
	Longitude	74° 01' 52.21962" W	-0.0918 fts	0.0049 fts
	Height	99.4306 fts	-0.1591 fts	0.0104 fts
NYON	Latitude	42° 26' 24.81521" N	0.0038 fts	0.0063 fts
	Longitude	75° 06' 42.50941" W	-0.0674 fts	0.0047 fts
	Height	1007.3348 fts	-0.1107 fts	0.0099 fts
PHOENICIA	Latitude	42° 04' 52.67000" N	0.0191 fts	0.0090 fts
	Longitude	74° 19' 03.41601" W	-0.0680 fts	0.0068 fts
	Height	736.9261 fts	-0.1408 fts	0.0172 fts
SOUTH KORTRIGHT	Latitude	42° 20' 32.04408" N	0.0437 fts	0.0083 fts
	Longitude	74° 43' 05.30779" W	-0.0517 fts	0.0064 fts
	Height	1421.2280 fts	-0.1412 fts	0.0148 fts
STAMFORD	Latitude	42° 24' 28.64321" N	0.0269 fts	0.0083 fts
	Longitude	74° 37' 03.65312" W	-0.0567 fts	0.0065 fts
	Height	1730.9598 fts	-0.1164 fts	0.0168 fts
SUNDOWN	Latitude	41° 51' 11.56262" N	0.0198 fts	0.0100 fts
	Longitude	74° 30' 48.43719" W	-0.0728 fts	0.0077 fts
	Height	757.3510 fts	-0.1463 fts	0.0189 fts
WALTON	Latitude	42° 10' 02.90530" N	0.0127 fts	0.0080 fts
	Longitude	75° 07' 59.75158" W	-0.0582 fts	0.0058 fts
	Height	1108.3497 fts	-0.1209 fts	0.0130 fts

Observations and Residuals

	Station	Target	Adj obs	Resid	Resid (ENH)	Sd
DX	NYHC	NYON	17302.4835 fts	-0.0023 fts	0.0023 fts	0.0028 fts
DY			126469.1125 fts	0.0180 fts	0.0018 fts	0.0058 fts
DZ			130206.2057 fts	-0.0138 fts	-0.0226 fts	0.0050 fts
DX	NYKT	DH3545	-145531.5288 fts	-0.0152 fts	-0.0067 fts	0.0059 fts
DY			90904.9578 fts	0.0285 fts	0.0053 fts	0.0108 fts
DZ			141030.4991 fts	-0.0212 fts	-0.0377 fts	0.0090 fts
DX	NYHS	NYKT	-49973.2172 fts	0.0023 fts	-0.0010 fts	0.0029 fts
DY			-94643.6130 fts	-0.0114 fts	0.0000 fts	0.0056 fts
DZ			-85266.3272 fts	0.0105 fts	0.0157 fts	0.0050 fts
DX	NYHS	DH3545	-195504.7460 fts	-0.0229 fts	-0.0135 fts	0.0058 fts
DY			-3738.6553 fts	0.0302 fts	0.0154 fts	0.0107 fts
DZ			55764.1719 fts	-0.0114 fts	-0.0338 fts	0.0090 fts
DX	NYCS	NYHS	216953.1979 fts	0.0123 fts	0.0069 fts	0.0029 fts
DY			-43848.0545 fts	-0.0186 fts	-0.0046 fts	0.0056 fts
DZ			-112168.5346 fts	0.0134 fts	0.0246 fts	0.0051 fts
DX	NYCS	DH3545	21448.4519 fts	-0.0034 fts	-0.0018 fts	0.0057 fts
DY			-47586.7097 fts	0.0054 fts	-0.0026 fts	0.0106 fts
DZ			-56404.3627 fts	-0.0092 fts	-0.0108 fts	0.0088 fts
DX	NYON	NYCS	147924.6375 fts	0.0052 fts	0.0071 fts	0.0026 fts
DY			98321.1153 fts	0.0082 fts	0.0001 fts	0.0053 fts
DZ			60925.4632 fts	-0.0059 fts	-0.0088 fts	0.0046 fts
DX	NYON	DH3545	169373.0894 fts	0.0068 fts	0.0055 fts	0.0057 fts
DY			50734.4056 fts	-0.0040 fts	-0.0137 fts	0.0106 fts
DZ			4521.1006 fts	-0.0135 fts	-0.0050 fts	0.0087 fts

DX	AA7906	DH3545	104546.3608 fts	0.0174 fts	0.0130 fts	0.0171 fts
DY			68925.4999 fts	-0.0146 fts	-0.0079 fts	0.0340 fts
DZ			41710.6248 fts	0.0062 fts	0.0179 fts	0.0273 fts
DX	FLEISHMANN	SUNDOWN	25267.0654 fts	0.0148 fts	0.0077 fts	0.0084 fts
DY			-69197.6321 fts	-0.0249 fts	-0.0041 fts	0.0156 fts
DZ			-82486.7288 fts	0.0197 fts	0.0339 fts	0.0132 fts
DX	PHOENICIA	CLARYVILLE	-55875.2701 fts	-0.0080 fts	-0.0032 fts	0.0095 fts
DY			-57958.8246 fts	0.0169 fts	-0.0028 fts	0.0187 fts
DZ			-44206.0168 fts	-0.0205 fts	-0.0274 fts	0.0147 fts
DX	AA7928	WALTON	-125285.4799 fts	0.0079 fts	0.0047 fts	0.0067 fts
DY			-24535.1295 fts	-0.0113 fts	0.0017 fts	0.0130 fts
DZ			9724.3462 fts	0.0140 fts	0.0190 fts	0.0114 fts
DX	AA7928	MARGARETVILLE	3695.3530 fts	-0.0034 fts	0.0033 fts	0.0052 fts
DY			5460.8913 fts	0.0248 fts	0.0007 fts	0.0105 fts
DZ			4738.9530 fts	-0.0215 fts	-0.0328 fts	0.0090 fts
DX	AA7928	HUNTER	109800.9839 fts	-0.0112 fts	-0.0103 fts	0.0068 fts
DY			51032.8552 fts	0.0017 fts	0.0037 fts	0.0133 fts
DZ			22177.7583 fts	0.0010 fts	-0.0028 fts	0.0115 fts
DX	AA7928	ANDES	-39257.9671 fts	-0.0148 fts	-0.0022 fts	0.0054 fts
DY			2594.8248 fts	0.0456 fts	0.0139 fts	0.0110 fts
DZ			14923.8012 fts	-0.0245 fts	-0.0520 fts	0.0093 fts
DX	HUNTER	WALTON	-235086.4639 fts	-0.0016 fts	-0.0039 fts	0.0059 fts
DY			-75567.9846 fts	-0.0085 fts	-0.0012 fts	0.0110 fts
DZ			-12453.4121 fts	0.0054 fts	0.0093 fts	0.0099 fts
DX	SOUTH KORTRIGHT	SUNDOWN	85129.5682 fts	-0.0009 fts	0.0011 fts	0.0088 fts
DY			-99982.5090 fts	0.0077 fts	-0.0012 fts	0.0163 fts
DZ			-132683.2274 fts	-0.0086 fts	-0.0115 fts	0.0132 fts
DX	SOUTH KORTRIGHT	FLEISHMANN	59862.5028 fts	-0.0074 fts	-0.0009 fts	0.0065 fts
DY			-30784.8768 fts	0.0238 fts	0.0095 fts	0.0122 fts
DZ			-50196.4987 fts	-0.0098 fts	-0.0250 fts	0.0109 fts
DX	SOUTH KORTRIGHT	BOICEVILLE	139841.5617 fts	-0.0062 fts	-0.0052 fts	0.0088 fts
DY			-46033.2820 fts	0.0033 fts	0.0129 fts	0.0167 fts
DZ			-91574.9692 fts	0.0130 fts	0.0052 fts	0.0159 fts
DX	STAMFORD	PHOENICIA	99523.0264 fts	0.0031 fts	-0.0037 fts	0.0083 fts
DY			-54646.6284 fts	-0.0251 fts	-0.0098 fts	0.0163 fts
DZ			-88799.3577 fts	0.0096 fts	0.0249 fts	0.0134 fts
DX	STAMFORD	CLARYVILLE	43647.7563 fts	-0.0038 fts	-0.0065 fts	0.0093 fts
DY			-112605.4530 fts	-0.0107 fts	-0.0087 fts	0.0183 fts
DZ			-133005.3745 fts	-0.0033 fts	0.0047 fts	0.0152 fts
DX	STAMFORD	BOICEVILLE	117868.0099 fts	0.0106 fts	0.0137 fts	0.0089 fts
DY			-68560.4011 fts	0.0133 fts	-0.0072 fts	0.0174 fts
DZ			-109479.1974 fts	-0.0188 fts	-0.0201 fts	0.0168 fts
DX	MARGARETVILLE	WALTON	-128980.8329 fts	0.0043 fts	-0.0014 fts	0.0046 fts
DY			-29996.0208 fts	-0.0210 fts	-0.0006 fts	0.0085 fts
DZ			4985.3931 fts	0.0185 fts	0.0283 fts	0.0078 fts
DX	MARGARETVILLE	STAMFORD	-9559.2542 fts	-0.0050 fts	0.0003 fts	0.0058 fts
DY			62892.0637 fts	0.0196 fts	-0.0017 fts	0.0115 fts
DZ			70242.1736 fts	-0.0206 fts	-0.0288 fts	0.0102 fts
DX	MARGARETVILLE	SOUTH KORTRIGHT	-31532.8060 fts	-0.0051 fts	-0.0115 fts	0.0055 fts
DY			40364.9446 fts	-0.0248 fts	-0.0206 fts	0.0102 fts

DZ			52337.9454 fts	-0.0074 fts	0.0118 fts	0.0086 fts
DX	MARGARETVILLE	PHOENICIA	89963.7722 fts	-0.0029 fts	-0.0017 fts	0.0065 fts
DY			8245.4352 fts	0.0040 fts	-0.0053 fts	0.0127 fts
DZ			-18557.1842 fts	-0.0114 fts	-0.0111 fts	0.0100 fts
DX	MARGARETVILLE	HUNTER	106105.6309 fts	0.0051 fts	0.0021 fts	0.0048 fts
DY			45571.9638 fts	-0.0104 fts	0.0023 fts	0.0089 fts
DZ			17438.8052 fts	0.0134 fts	0.0174 fts	0.0079 fts
DX	MARGARETVILLE	FLEISHMANN'S	28329.6968 fts	-0.0022 fts	-0.0053 fts	0.0040 fts
DY			9580.0678 fts	-0.0123 fts	-0.0077 fts	0.0078 fts
DZ			2141.4467 fts	-0.0002 fts	0.0083 fts	0.0076 fts
DX	MARGARETVILLE	DELHI	-81488.7515 fts	0.0026 fts	0.0037 fts	0.0056 fts
DY			8940.0729 fts	0.0045 fts	-0.0001 fts	0.0112 fts
DZ			33438.0682 fts	-0.0034 fts	-0.0050 fts	0.0090 fts
DX	MARGARETVILLE	BOICEVILLE	108308.7557 fts	-0.0017 fts	0.0006 fts	0.0072 fts
DY			-5668.3374 fts	0.0086 fts	-0.0063 fts	0.0138 fts
DZ			-39237.0238 fts	-0.0164 fts	-0.0174 fts	0.0140 fts
DX	ANDES	WALTON	-86027.5129 fts	0.0128 fts	0.0020 fts	0.0049 fts
DY			-27129.9542 fts	-0.0393 fts	-0.0159 fts	0.0092 fts
DZ			-5199.4550 fts	0.0160 fts	0.0413 fts	0.0083 fts
DX	ANDES	STAMFORD	33394.0659 fts	-0.0110 fts	-0.0086 fts	0.0061 fts
DY			65758.1302 fts	0.0077 fts	0.0009 fts	0.0121 fts
DZ			60057.3255 fts	-0.0081 fts	-0.0130 fts	0.0106 fts
DX	ANDES	SOUTH KORTRIGHT	11420.5141 fts	-0.0040 fts	-0.0040 fts	0.0057 fts
DY			43231.0111 fts	-0.0003 fts	-0.0129 fts	0.0108 fts
DZ			42153.0972 fts	-0.0182 fts	-0.0128 fts	0.0091 fts
DX	ANDES	PHOENICIA	132917.0922 fts	-0.0175 fts	-0.0129 fts	0.0067 fts
DY			11111.5018 fts	0.0150 fts	0.0003 fts	0.0132 fts
DZ			-28742.0323 fts	-0.0168 fts	-0.0254 fts	0.0104 fts
DX	ANDES	HUNTER	149058.9510 fts	0.0141 fts	0.0065 fts	0.0051 fts
DY			48438.0304 fts	-0.0271 fts	-0.0155 fts	0.0096 fts
DZ			7253.9571 fts	0.0061 fts	0.0261 fts	0.0085 fts
DX	ANDES	FLEISHMANN'S	71283.0168 fts	-0.0083 fts	-0.0065 fts	0.0046 fts
DY			12446.1343 fts	0.0060 fts	-0.0044 fts	0.0090 fts
DZ			-8043.4014 fts	-0.0131 fts	-0.0147 fts	0.0085 fts
DX	ANDES	DELHI	-38535.4314 fts	-0.0329 fts	-0.0274 fts	0.0058 fts
DY			11806.1394 fts	0.0165 fts	0.0079 fts	0.0118 fts
DZ			23253.2200 fts	-0.0116 fts	-0.0260 fts	0.0095 fts
DX	ANDES	BOICEVILLE	151262.0758 fts	-0.0041 fts	0.0018 fts	0.0073 fts
DY			-2802.2709 fts	0.0222 fts	-0.0056 fts	0.0143 fts
DZ			-49421.8720 fts	-0.0279 fts	-0.0354 fts	0.0143 fts
DX	NYHC	WALTON	28889.8066 fts	0.0076 fts	0.0061 fts	0.0048 fts
DY			60243.7634 fts	-0.0048 fts	-0.0114 fts	0.0090 fts
DZ			56755.7709 fts	-0.0094 fts	-0.0014 fts	0.0083 fts
DX	NYHC	SUNDOWN	211467.4017 fts	-0.0104 fts	-0.0142 fts	0.0078 fts
DY			30622.2199 fts	-0.0166 fts	-0.0051 fts	0.0145 fts
DZ			-28574.9043 fts	0.0052 fts	0.0134 fts	0.0118 fts
DX	NYHC	STAMFORD	148311.3854 fts	-0.0029 fts	-0.0030 fts	0.0061 fts
DY			153131.8479 fts	-0.0009 fts	0.0110 fts	0.0122 fts
DZ			122012.5513 fts	0.0149 fts	0.0100 fts	0.0107 fts
DX	NYHC	SOUTH KORTRIGHT	126337.8335 fts	-0.0067 fts	-0.0125 fts	0.0058 fts
DY			130604.7288 fts	-0.0238 fts	0.0019 fts	0.0109 fts
DZ			104108.3231 fts	0.0217 fts	0.0303 fts	0.0091 fts

DX	NYHC	FLEISHMANNS	186200.3363 fts	0.0046 fts	-0.0010 fts	0.0046 fts
DY			99819.8520 fts	-0.0215 fts	0.0131 fts	0.0091 fts
DZ			53911.8245 fts	0.0373 fts	0.0412 fts	0.0086 fts
DX	NYHC	DELHI	76381.8881 fts	-0.0031 fts	0.0072 fts	0.0058 fts
DY			99179.8571 fts	0.0403 fts	0.0221 fts	0.0117 fts
DZ			85208.4460 fts	-0.0061 fts	-0.0336 fts	0.0094 fts
DX	NYHC	CLARYVILLE	191959.1417 fts	-0.0013 fts	-0.0005 fts	0.0081 fts
DY			40526.3949 fts	0.0030 fts	0.0161 fts	0.0161 fts
DZ			-10992.8232 fts	0.0187 fts	0.0101 fts	0.0130 fts
DX	NYKT	SUNDOWN	-120739.6999 fts	-0.0012 fts	0.0011 fts	0.0077 fts
DY			-55676.3405 fts	0.0082 fts	0.0061 fts	0.0143 fts
DZ			-22271.7114 fts	0.0008 fts	-0.0056 fts	0.0116 fts
DX	NYKT	STAMFORD	-183895.7162 fts	0.0140 fts	0.0013 fts	0.0061 fts
DY			66833.2875 fts	-0.0440 fts	-0.0060 fts	0.0120 fts
DZ			128315.7442 fts	0.0333 fts	0.0565 fts	0.0106 fts
DX	NYKT	SOUTH KORTRIGHT	-205869.2681 fts	0.0032 fts	0.0042 fts	0.0057 fts
DY			44306.1685 fts	0.0038 fts	0.0085 fts	0.0107 fts
DZ			110411.5160 fts	0.0089 fts	0.0038 fts	0.0090 fts
DX	NYKT	PHOENICIA	-84372.6899 fts	0.0147 fts	0.0058 fts	0.0067 fts
DY			12186.6591 fts	-0.0303 fts	0.0024 fts	0.0130 fts
DZ			39516.3865 fts	0.0330 fts	0.0468 fts	0.0103 fts
DX	NYKT	HUNTER	-68230.8311 fts	0.0142 fts	0.0066 fts	0.0051 fts
DY			49513.1877 fts	-0.0256 fts	-0.0067 fts	0.0095 fts
DZ			75512.3759 fts	0.0166 fts	0.0323 fts	0.0084 fts
DX	NYKT	FLEISHMANNS	-146006.7653 fts	0.0106 fts	0.0083 fts	0.0046 fts
DY			13521.2917 fts	-0.0070 fts	0.0120 fts	0.0089 fts
DZ			60215.0173 fts	0.0248 fts	0.0237 fts	0.0085 fts
DX	NYKT	CLARYVILLE	-140247.9599 fts	0.0139 fts	0.0045 fts	0.0080 fts
DY			-45772.1655 fts	-0.0323 fts	-0.0057 fts	0.0160 fts
DZ			-4689.6303 fts	0.0237 fts	0.0417 fts	0.0129 fts
DX	NYKT	BOICEVILLE	-66027.7064 fts	-0.0008 fts	-0.0050 fts	0.0073 fts
DY			-1727.1136 fts	-0.0153 fts	-0.0030 fts	0.0140 fts
DZ			18836.5468 fts	0.0090 fts	0.0168 fts	0.0141 fts
DX	NYHS	SUNDOWN	-170712.9171 fts	0.0092 fts	0.0126 fts	0.0077 fts
DY			-150319.9535 fts	0.0134 fts	0.0020 fts	0.0143 fts
DZ			-107538.0386 fts	-0.0067 fts	-0.0121 fts	0.0116 fts
DX	NYHS	STAMFORD	-233868.9335 fts	0.0108 fts	0.0028 fts	0.0060 fts
DY			-27810.3255 fts	-0.0270 fts	-0.0134 fts	0.0119 fts
DZ			43049.4170 fts	0.0082 fts	0.0269 fts	0.0105 fts
DX	NYHS	SOUTH KORTRIGHT	-255842.4853 fts	0.0127 fts	0.0162 fts	0.0057 fts
DY			-50337.4445 fts	0.0143 fts	0.0007 fts	0.0107 fts
DZ			25145.1888 fts	-0.0083 fts	-0.0131 fts	0.0090 fts
DX	NYHS	PHOENICIA	-134345.9071 fts	0.0081 fts	0.0057 fts	0.0067 fts
DY			-82456.9539 fts	-0.0075 fts	-0.0100 fts	0.0130 fts
DZ			-45749.9407 fts	-0.0050 fts	0.0037 fts	0.0103 fts
DX	NYHS	HUNTER	-118204.0483 fts	0.0144 fts	0.0080 fts	0.0051 fts
DY			-45130.4253 fts	-0.0210 fts	-0.0044 fts	0.0094 fts
DZ			-9753.9513 fts	0.0160 fts	0.0287 fts	0.0084 fts
DX	NYHS	FLEISHMANNS	-195979.9825 fts	0.0168 fts	0.0200 fts	0.0046 fts
DY			-81122.3214 fts	0.0141 fts	0.0031 fts	0.0089 fts
DZ			-25051.3099 fts	-0.0039 fts	-0.0092 fts	0.0085 fts
DX	NYHS	CLARYVILLE	-190221.1772 fts	0.0090 fts	0.0055 fts	0.0080 fts

DY			-140415.7785 fts	-0.0112 fts	-0.0174 fts	0.0160 fts
DZ			-89955.9575 fts	-0.0115 fts	0.0021 fts	0.0129 fts
DX	NYHS	BOICEVILLE	-116000.9236 fts	0.0039 fts	-0.0001 fts	0.0073 fts
DY			-96370.7266 fts	-0.0136 fts	0.0023 fts	0.0140 fts
DZ			-66429.7804 fts	0.0160 fts	0.0213 fts	0.0141 fts
DX	NYCS	WALTON	-136337.3143 fts	-0.0067 fts	0.0012 fts	0.0047 fts
DY			-164546.4644 fts	0.0287 fts	0.0143 fts	0.0088 fts
DZ			-134375.8979 fts	-0.0077 fts	-0.0268 fts	0.0080 fts
DX	NYCS	STAMFORD	-16915.7356 fts	-0.0018 fts	0.0024 fts	0.0060 fts
DY			-71658.3799 fts	0.0152 fts	-0.0047 fts	0.0118 fts
DZ			-69119.1175 fts	-0.0203 fts	-0.0249 fts	0.0104 fts
DX	NYCS	SOUTH KORTRIGHT	-38889.2874 fts	0.0015 fts	0.0084 fts	0.0056 fts
DY			-94185.4990 fts	0.0260 fts	0.0121 fts	0.0105 fts
DZ			-87023.3457 fts	-0.0063 fts	-0.0223 fts	0.0089 fts
DX	NYCS	PHOENICIA	82607.2908 fts	-0.0096 fts	-0.0020 fts	0.0066 fts
DY			-126305.0083 fts	0.0275 fts	-0.0029 fts	0.0129 fts
DZ			-157918.4753 fts	-0.0307 fts	-0.0422 fts	0.0102 fts
DX	NYCS	HUNTER	98749.1495 fts	-0.0156 fts	-0.0063 fts	0.0049 fts
DY			-88978.4798 fts	0.0326 fts	0.0126 fts	0.0092 fts
DZ			-121922.4858 fts	-0.0156 fts	-0.0367 fts	0.0082 fts
DX	NYCS	FLEISHMANNS	20973.2154 fts	0.0023 fts	0.0140 fts	0.0044 fts
DY			-124970.3758 fts	0.0439 fts	0.0136 fts	0.0087 fts
DZ			-137219.8444 fts	-0.0198 fts	-0.0440 fts	0.0083 fts
DX	NYCS	DELHI	-88845.2328 fts	0.0011 fts	-0.0085 fts	0.0057 fts
DY			-125610.3707 fts	-0.0358 fts	-0.0275 fts	0.0115 fts
DZ			-105923.2229 fts	-0.0053 fts	0.0220 fts	0.0093 fts
DX	NYCS	BOICEVILLE	100952.2743 fts	-0.0006 fts	0.0016 fts	0.0072 fts
DY			-140218.7810 fts	0.0080 fts	0.0106 fts	0.0140 fts
DZ			-178598.3149 fts	0.0072 fts	-0.0009 fts	0.0141 fts
DX	NYON	WALTON	11587.3232 fts	-0.0075 fts	-0.0039 fts	0.0046 fts
DY			-66225.3491 fts	0.0131 fts	0.0038 fts	0.0085 fts
DZ			-73450.4347 fts	-0.0082 fts	-0.0162 fts	0.0078 fts
DX	NYON	STAMFORD	131008.9019 fts	-0.0055 fts	-0.0023 fts	0.0059 fts
DY			26662.7354 fts	0.0116 fts	0.0085 fts	0.0117 fts
DZ			-8193.6543 fts	-0.0001 fts	-0.0094 fts	0.0103 fts
DX	NYON	SOUTH KORTRIGHT	109035.3501 fts	-0.0063 fts	-0.0023 fts	0.0056 fts
DY			4135.6163 fts	0.0145 fts	0.0084 fts	0.0105 fts
DZ			-26097.8825 fts	-0.0029 fts	-0.0135 fts	0.0088 fts
DX	NYON	PHOENICIA	230531.9283 fts	-0.0025 fts	0.0009 fts	0.0066 fts
DY			-27983.8930 fts	0.0128 fts	0.0139 fts	0.0129 fts
DZ			-96993.0121 fts	0.0070 fts	-0.0049 fts	0.0101 fts
DX	NYON	HUNTER	246673.7870 fts	-0.0174 fts	-0.0119 fts	0.0049 fts
DY			9342.6356 fts	0.0191 fts	-0.0001 fts	0.0091 fts
DZ			-60997.0226 fts	-0.0211 fts	-0.0311 fts	0.0081 fts
DX	NYON	FLEISHMANNS	168897.8529 fts	-0.0006 fts	0.0061 fts	0.0044 fts
DY			-26649.2605 fts	0.0261 fts	0.0139 fts	0.0086 fts
DZ			-76294.3812 fts	-0.0043 fts	-0.0217 fts	0.0082 fts
DX	NYON	DELHI	59079.4046 fts	0.0072 fts	0.0044 fts	0.0056 fts
DY			-27289.2554 fts	-0.0100 fts	-0.0009 fts	0.0112 fts
DZ			-44997.7597 fts	0.0093 fts	0.0148 fts	0.0090 fts
DX	NYON	CLARYVILLE	174656.6582 fts	-0.0095 fts	-0.0028 fts	0.0079 fts
DY			-85942.7176 fts	0.0249 fts	0.0110 fts	0.0158 fts

DZ			-141199.0288 fts	-0.0094 fts	-0.0259 fts	0.0127 fts
DX	AB3881	MARGARETVILLE	-105956.7563 fts	0.0041 fts	-0.0017 fts	0.0110 fts
DY			1381.7993 fts	-0.0209 fts	-0.0051 fts	0.0234 fts
DZ			33899.1336 fts	0.0122 fts	0.0240 fts	0.0216 fts
DX	AB3881	ANDES	-148910.0764 fts	0.0152 fts	0.0008 fts	0.0110 fts
DY			-1484.2673 fts	-0.0510 fts	-0.0184 fts	0.0236 fts
DZ			44083.9818 fts	0.0232 fts	0.0551 fts	0.0217 fts
DX	DH3545	MARGARETVILLE	-28804.9333 fts	-0.0012 fts	-0.0117 fts	0.0056 fts
DY			-86963.7339 fts	-0.0392 fts	-0.0166 fts	0.0103 fts
DZ			-82956.9284 fts	0.0118 fts	0.0356 fts	0.0085 fts
DX	DH3545	ANDES	-71758.2534 fts	0.0025 fts	-0.0091 fts	0.0059 fts
DY			-89829.8004 fts	-0.0430 fts	-0.0095 fts	0.0108 fts
DZ			-72772.0803 fts	0.0256 fts	0.0483 fts	0.0090 fts
DX	AA7906	MARGARETVILLE	75741.4276 fts	-0.0074 fts	-0.0035 fts	0.0166 fts
DY			-18038.2340 fts	0.0138 fts	0.0022 fts	0.0336 fts
DZ			-41246.3037 fts	-0.0110 fts	-0.0187 fts	0.0270 fts
DX	AA7906	ANDES	32788.1075 fts	-0.0066 fts	-0.0075 fts	0.0166 fts
DY			-20904.3005 fts	-0.0044 fts	0.0050 fts	0.0336 fts
DZ			-31061.4555 fts	0.0090 fts	0.0079 fts	0.0271 fts
DX	ANDES	MARGARETVILLE	42953.3201 fts	0.0208 fts	0.0127 fts	0.0026 fts
DY			2866.0665 fts	-0.0282 fts	-0.0024 fts	0.0054 fts
DZ			-10184.8481 fts	0.0264 fts	0.0419 fts	0.0047 fts
DX	ANDES	MARGARETVILLE	42953.3201 fts	0.0098 fts	-0.0023 fts	0.0026 fts
DY			2866.0665 fts	-0.0446 fts	-0.0049 fts	0.0054 fts
DZ			-10184.8481 fts	0.0347 fts	0.0571 fts	0.0047 fts
DX	NYHC	MARGARETVILLE	157870.6396 fts	0.0021 fts	0.0013 fts	0.0027 fts
DY			90239.7843 fts	-0.0026 fts	-0.0126 fts	0.0055 fts
DZ			51770.3778 fts	-0.0142 fts	-0.0073 fts	0.0048 fts
DX	NYHC	MARGARETVILLE	157870.6396 fts	0.0006 fts	-0.0006 fts	0.0027 fts
DY			90239.7843 fts	-0.0047 fts	0.0037 fts	0.0055 fts
DZ			51770.3778 fts	0.0092 fts	0.0096 fts	0.0048 fts
DX	NYKT	MARGARETVILLE	-174336.4620 fts	-0.0176 fts	-0.0138 fts	0.0026 fts
DY			3941.2239 fts	0.0115 fts	-0.0066 fts	0.0052 fts
DZ			58073.5706 fts	-0.0231 fts	-0.0272 fts	0.0046 fts
DX	NYKT	MARGARETVILLE	-174336.4620 fts	0.0147 fts	0.0101 fts	0.0026 fts
DY			3941.2239 fts	-0.0149 fts	0.0060 fts	0.0052 fts
DZ			58073.5706 fts	0.0246 fts	0.0302 fts	0.0046 fts
DX	NYHS	MARGARETVILLE	-224309.6793 fts	-0.0130 fts	-0.0145 fts	0.0027 fts
DY			-90702.3891 fts	-0.0071 fts	-0.0058 fts	0.0052 fts
DZ			-27192.7565 fts	-0.0050 fts	-0.0010 fts	0.0046 fts
DX	NYHS	MARGARETVILLE	-224309.6793 fts	0.0154 fts	0.0139 fts	0.0027 fts
DY			-90702.3891 fts	-0.0032 fts	0.0032 fts	0.0052 fts
DZ			-27192.7565 fts	0.0110 fts	0.0129 fts	0.0046 fts
DX	NYCS	MARGARETVILLE	-7356.4814 fts	0.0005 fts	-0.0079 fts	0.0024 fts
DY			-134550.4436 fts	-0.0313 fts	-0.0142 fts	0.0048 fts
DZ			-139361.2911 fts	0.0085 fts	0.0281 fts	0.0042 fts
DX	NYCS	MARGARETVILLE	-7356.4814 fts	-0.0052 fts	0.0032 fts	0.0024 fts
DY			-134550.4436 fts	0.0308 fts	0.0130 fts	0.0048 fts
DZ			-139361.2911 fts	-0.0109 fts	-0.0302 fts	0.0042 fts
DX	NYON	MARGARETVILLE	140568.1561 fts	0.0042 fts	-0.0020 fts	0.0022 fts
DY			-36229.3283 fts	-0.0237 fts	-0.0139 fts	0.0045 fts
DZ			-78435.8279 fts	0.0031 fts	0.0198 fts	0.0039 fts
DX	NYON	MARGARETVILLE	140568.1561 fts	-0.0076 fts	-0.0019 fts	0.0022 fts
DY			-36229.3283 fts	0.0213 fts	0.0103 fts	0.0045 fts

			-78435.8279 fts	-0.0066 fts	-0.0211 fts	0.0039 fts
DX	NYHC	ANDES	114917.3195 fts	0.0182 fts	0.0070 fts	0.0031 fts
DY			87373.7177 fts	-0.0419 fts	-0.0297 fts	0.0064 fts
DZ			61955.2259 fts	0.0006 fts	0.0340 fts	0.0055 fts
DX	NYHC	ANDES	114917.3195 fts	-0.0045 fts	-0.0020 fts	0.0031 fts
DY			87373.7177 fts	0.0093 fts	-0.0079 fts	0.0064 fts
DZ			61955.2259 fts	-0.0197 fts	-0.0207 fts	0.0055 fts
DX	NYHC	ANDES	114917.3195 fts	0.0022 fts	0.0004 fts	0.0031 fts
DY			87373.7177 fts	-0.0069 fts	0.0062 fts	0.0064 fts
DZ			61955.2259 fts	0.0148 fts	0.0153 fts	0.0055 fts
DX	NYKT	ANDES	-217289.7821 fts	-0.0155 fts	-0.0123 fts	0.0031 fts
DY			1075.1573 fts	0.0095 fts	-0.0038 fts	0.0064 fts
DZ			68258.4188 fts	-0.0171 fts	-0.0214 fts	0.0055 fts
DX	NYKT	ANDES	-217289.7821 fts	-0.0062 fts	-0.0119 fts	0.0031 fts
DY			1075.1573 fts	-0.0219 fts	-0.0226 fts	0.0064 fts
DZ			68258.4188 fts	-0.0131 fts	0.0056 fts	0.0055 fts
DX	NYKT	ANDES	-217289.7821 fts	0.0155 fts	0.0127 fts	0.0031 fts
DY			1075.1573 fts	-0.0077 fts	0.0103 fts	0.0064 fts
DZ			68258.4188 fts	0.0244 fts	0.0250 fts	0.0055 fts
DX	NYCS	ANDES	-50309.8014 fts	0.0030 fts	-0.0084 fts	0.0029 fts
DY			-137416.5101 fts	-0.0421 fts	-0.0172 fts	0.0060 fts
DZ			-129176.4430 fts	0.0148 fts	0.0404 fts	0.0052 fts
DX	NYCS	ANDES	-50309.8014 fts	0.0191 fts	-0.0038 fts	0.0029 fts
DY			-137416.5101 fts	-0.0830 fts	-0.0350 fts	0.0060 fts
DZ			-129176.4430 fts	0.0308 fts	0.0835 fts	0.0052 fts
DX	NYCS	ANDES	-50309.8014 fts	-0.0028 fts	0.0053 fts	0.0029 fts
DY			-137416.5101 fts	0.0296 fts	0.0146 fts	0.0060 fts
DZ			-129176.4430 fts	-0.0071 fts	-0.0263 fts	0.0052 fts
DX	NYON	ANDES	97614.8360 fts	0.0120 fts	-0.0009 fts	0.0028 fts
DY			-39095.3948 fts	-0.0486 fts	-0.0223 fts	0.0057 fts
DZ			-68250.9797 fts	0.0155 fts	0.0473 fts	0.0049 fts
DX	NYON	ANDES	97614.8360 fts	0.0115 fts	-0.0009 fts	0.0028 fts
DY			-39095.3948 fts	-0.0469 fts	-0.0209 fts	0.0057 fts
DZ			-68250.9797 fts	0.0159 fts	0.0464 fts	0.0049 fts
DX	NYON	ANDES	97614.8360 fts	-0.0049 fts	0.0003 fts	0.0028 fts
DY			-39095.3948 fts	0.0196 fts	0.0126 fts	0.0057 fts
DZ			-68250.9797 fts	-0.0015 fts	-0.0159 fts	0.0049 fts





External Reliability

Station		Ext Rel [fts]		Station	Target
AA7906	Latitude	0.0440	Latitude	AA7906	-
	Longitude	0.0309	Longitude	AA7906	-
	Height	0.0611	Height	AA7906	-
AA7928	Latitude	0.0597	Latitude	AA7928	-
	Longitude	0.0442	Longitude	AA7928	-
	Height	0.0401	Height	DH3545	-
AB3881	Latitude	0.0379	Latitude	AA7928	-
	Longitude	0.0265	Longitude	AA7928	-
	Height	0.0498	Height	AB3881	-
ANDES	Latitude	0.0542	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0566	Height	DH3545	-
BOICEVILLE	Latitude	0.0543	Latitude	AA7928	-




	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0575	Height	DH3545	-
CLARYVILLE	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0576	Height	DH3545	-
DELHI	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0573	Height	DH3545	-
DH3545	Latitude	0.0539	Latitude	AA7928	-
	Longitude	0.0400	Longitude	AA7928	-
	Height	0.0742	Height	DH3545	-
FLEISHMANN'S	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0572	Height	DH3545	-
HUNTER	Latitude	0.0544	Latitude	AA7928	-
	Longitude	0.0404	Longitude	AA7928	-
	Height	0.0570	Height	DH3545	-
MARGARETVILLE	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0568	Height	DH3545	-
NYCS	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0578	Height	DH3545	-
NYHC	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0571	Height	DH3545	-
NYHS	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0580	Height	DH3545	-
NYKT	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0578	Height	DH3545	-
NYON	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0575	Height	DH3545	-
PHOENICIA	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0575	Height	DH3545	-
SOUTH KORTRIGHT	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0574	Height	DH3545	-
STAMFORD	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0574	Height	DH3545	-
SUNDOWN	Latitude	0.0543	Latitude	AA7928	-
	Longitude	0.0403	Longitude	AA7928	-
	Height	0.0575	Height	DH3545	-
WALTON	Latitude	0.0544	Latitude	AA7928	-
	Longitude	0.0404	Longitude	AA7928	-
	Height	0.0568	Height	DH3545	-





Testing and Estimated Errors

Coordinate Tests

Station		MDB	BNR	W-Test	T-Test
AA7906	Latitude	0.1244 fts	2.1	0.01	0.00
	Longitude	0.0822 fts	2.2	-0.03	
	Height	0.2591 fts	1.6	0.01	
AA7928	Latitude	0.0669 fts	8.1	1.17	9.17 
	Longitude	0.0498 fts	7.9	-0.03	
	Height	0.0796 fts	2.4	-5.07 	
AB3881	Latitude	0.0748 fts	2.3	-1.34	2.09 
	Longitude	0.0580 fts	2.4	0.04	
	Height	0.2022 fts	1.6	2.09 	
DH3545	Height	0.0742 fts	999.9	0.00	


Observation Tests






















	Station	Target	MDB	Red	BNR	W-Test	T-Test
DX	NYHC	NYON	0.0151 fts	62	2.1	0.21	1.94 
DY			0.0258 fts	65	2.1	1.34	
DZ			0.0232 fts	64	2.1	-0.77	
DX	NYKT	DH3545	0.0394 fts	81	1.3	-0.83	0.77
DY			0.0661 fts	83	1.3	0.40	
DZ			0.0573 fts	82	1.3	-0.52	
DX	NYHS	NYKT	0.0147 fts	54	2.6	-0.14	1.52
DY			0.0240 fts	53	2.6	-0.90	
DZ			0.0224 fts	54	2.6	1.00	
DX	NYHS	DH3545	0.0392 fts	81	1.3	-1.37	1.15
DY			0.0645 fts	81	1.3	0.53	
DZ			0.0586 fts	83	1.3	0.13	
DX	NYCS	NYHS	0.0151 fts	61	2.2	2.42 	4.43 
DY			0.0245 fts	59	2.3	-0.89	
DZ			0.0231 fts	62	2.2	0.46	
DX	NYCS	DH3545	0.0368 fts	79	1.5	-0.20	0.10
DY			0.0618 fts	80	1.4	-0.09	
DZ			0.0542 fts	80	1.4	-0.44	
DX	NYON	NYCS	0.0145 fts	68	1.9	1.86	1.49
DY			0.0246 fts	69	1.9	1.09	
DZ			0.0223 fts	69	1.9	-0.38	
DX	NYON	DH3545	0.0354 fts	75	1.6	0.65	0.59
DY			0.0620 fts	81	1.5	-0.62	
DZ			0.0501 fts	76	1.6	-1.14	
DX	AA7906	DH3545	0.0964 fts	79	1.5	0.51	0.10
DY			0.1612 fts	86	1.5	0.23	
DZ			0.1334 fts	73	1.7	0.22	
DX	FLEISHMANN	SUNDOWN	0.0638 fts	89	1.0	0.25	0.14
DY			0.1079 fts	88	1.0	-0.26	
DZ			0.0858 fts	87	1.1	0.09	
DX	PHOENICIA	CLARYVILLE	0.0526 fts	78	1.5	-0.04	0.19
DY			0.0897 fts	77	1.5	-0.05	
DZ			0.0705 fts	75	1.6	-0.55	
DX	AA7928	WALTON	0.0753 fts	94	0.7	0.23	0.05
DY			0.1240 fts	94	0.7	0.01	
DZ			0.1111 fts	93	0.7	0.24	







DX	AA7928	MARGARETVILLE	0.0270 fts	43	3.2	0.61	2.32	
DY			0.0492 fts	49	3.0	1.27		
DZ			0.0420 fts	48	3.1	-1.41		
DX	AA7928	HUNTER	0.0773 fts	94	0.7	-0.42	0.06	
DY			0.1323 fts	94	0.7	-0.07		
DZ			0.1169 fts	94	0.7	0.09		
DX	AA7928	ANDES	0.0290 fts	64	2.1	-1.05	2.54	
DY			0.0556 fts	72	1.8	1.74		
DZ			0.0454 fts	66	2.0	0.04		
DX	HUNTER	WALTON	0.0348 fts	75	1.6	-0.36	0.11	
DY			0.0556 fts	75	1.6	-0.45		
DZ			0.0550 fts	75	1.6	0.04		
DX	SOUTH KORTRIGHT	SUNDOWN	0.0539 fts	81	1.3	0.14	0.05	
DY			0.0923 fts	83	1.3	0.08		
DZ			0.0718 fts	77	1.4	-0.28		
DX	SOUTH KORTRIGHT	FLEISHMANN'S	0.0523 fts	90	0.9	-0.17	0.16	
DY			0.0894 fts	89	0.9	0.59		
DZ			0.0781 fts	91	0.9	0.20		
DX	SOUTH KORTRIGHT	BOICEVILLE	0.1246 fts	96	0.5	-0.12	0.02	
DY			0.2093 fts	97	0.5	0.09		
DZ			0.1756 fts	95	0.6	0.24		
DX	STAMFORD	PHOENICIA	0.0634 fts	90	1.0	-0.23	0.10	
DY			0.1036 fts	90	1.0	-0.50		
DZ			0.0819 fts	87	1.1	-0.10		
DX	STAMFORD	CLARYVILLE	0.0590 fts	83	1.2	-0.27	0.09	
DY			0.0992 fts	84	1.2	-0.50		
DZ			0.0807 fts	83	1.3	-0.30		
DX	STAMFORD	BOICEVILLE	0.0903 fts	93	0.7	0.44	0.09	
DY			0.1246 fts	92	0.8	0.16		
DZ			0.1453 fts	95	0.7	-0.14		
DX	MARGARETVILLE	WALTON	0.0301 fts	82	1.3	0.09	0.58	
DY			0.0477 fts	81	1.3	-0.60		
DZ			0.0484 fts	82	1.3	0.60		
DX	MARGARETVILLE	STAMFORD	0.0409 fts	86	1.1	0.06	0.22	
DY			0.0645 fts	86	1.1	0.18		
DZ			0.0589 fts	86	1.1	-0.45		
DX	MARGARETVILLE	SOUTH KORTRIGHT	0.0389 fts	86	1.1	-0.58	0.79	
DY			0.0672 fts	86	1.1	-1.49		
DZ			0.0553 fts	86	1.1	-0.84		
DX	MARGARETVILLE	PHOENICIA	0.0414 fts	83	1.2	-0.02	0.10	
DY			0.0718 fts	84	1.2	-0.22		
DZ			0.0576 fts	83	1.2	-0.51		
DX	MARGARETVILLE	HUNTER	0.0314 fts	82	1.3	0.31	0.25	
DY			0.0507 fts	82	1.3	-0.02		
DZ			0.0499 fts	82	1.3	0.61		
DX	MARGARETVILLE	FLEISHMANN'S	0.0194 fts	43	3.2	-0.94	2.14	
DY			0.0335 fts	43	3.2	-2.44		
DZ			0.0306 fts	45	3.1	-1.12		
DX	MARGARETVILLE	DELHI	0.0316 fts	75	1.6	0.45	0.09	
DY			0.0562 fts	75	1.6	0.23		

DZ			0.0453 fts	75	1.6	-0.20	
DX	MARGARETVILLE	BOICEVILLE	0.0472 fts	82	1.3	-0.04	0.10
DY			0.0675 fts	81	1.3	-0.12	
DZ			0.0746 fts	82	1.3	-0.47	
DX	ANDES	WALTON	0.0422 fts	90	0.9	0.30	0.68
DY			0.0676 fts	90	0.9	-1.00	
DZ			0.0677 fts	90	0.9	-0.05	
DX	ANDES	STAMFORD	0.0493 fts	90	0.9	-0.55	0.12
DY			0.0802 fts	91	0.9	-0.11	
DZ			0.0703 fts	90	0.9	-0.05	
DX	ANDES	SOUTH KORTRIGHT	0.0458 fts	89	0.9	-0.01	0.23
DY			0.0799 fts	90	0.9	-0.48	
DZ			0.0648 fts	89	1.0	-0.80	
DX	ANDES	PHOENICIA	0.0507 fts	89	1.0	-0.74	0.29
DY			0.0896 fts	89	0.9	-0.19	
DZ			0.0705 fts	88	1.0	-0.23	
DX	ANDES	HUNTER	0.0438 fts	90	0.9	0.53	0.38
DY			0.0727 fts	91	0.9	-0.59	
DZ			0.0691 fts	90	0.9	-0.23	
DX	ANDES	FLEISHMANN'S	0.0450 fts	93	0.7	-0.34	0.09
DY			0.0804 fts	93	0.7	-0.15	
DZ			0.0712 fts	93	0.7	-0.22	
DX	ANDES	DELHI	0.0465 fts	89	1.0	-1.90	1.27
DY			0.0821 fts	89	1.0	-0.23	
DZ			0.0645 fts	88	1.0	0.40	
DX	ANDES	BOICEVILLE	0.0505 fts	83	1.2	-0.05	0.22
DY			0.0757 fts	86	1.2	0.05	
DZ			0.0792 fts	84	1.2	-0.53	
DX	NYHC	WALTON	0.0285 fts	75	1.6	0.66	0.45
DY			0.0453 fts	75	1.6	-0.37	
DZ			0.0458 fts	76	1.6	-0.77	
DX	NYHC	SUNDOWN	0.0409 fts	70	1.8	-1.43	0.89
DY			0.0657 fts	69	1.9	-1.22	
DZ			0.0572 fts	70	1.8	-0.06	
DX	NYHC	STAMFORD	0.0461 fts	88	1.0	-0.33	0.19
DY			0.0727 fts	87	1.0	0.35	
DZ			0.0664 fts	88	1.0	0.72	
DX	NYHC	SOUTH KORTRIGHT	0.0400 fts	86	1.1	-1.21	0.87
DY			0.0690 fts	85	1.1	-0.69	
DZ			0.0568 fts	85	1.2	0.91	
DX	NYHC	FLEISHMANN'S	0.0401 fts	91	0.9	-0.39	0.59
DY			0.0693 fts	91	0.9	0.11	
DZ			0.0636 fts	92	0.9	1.13	
DX	NYHC	DELHI	0.0351 fts	79	1.4	0.37	1.32
DY			0.0625 fts	79	1.4	1.96	
DZ			0.0505 fts	79	1.4	0.80	
DX	NYHC	CLARYVILLE	0.0477 fts	79	1.4	-0.31	0.40
DY			0.0819 fts	80	1.4	0.65	
DZ			0.0661 fts	79	1.4	1.09	
DX	NYKT	SUNDOWN	0.0401 fts	69	1.8	0.07	0.09
DY			0.0644 fts	69	1.9	0.50	
DZ			0.0560 fts	70	1.8	0.33	

DX	NYKT	STAMFORD	0.0430 fts	86	1.1	0.18	0.73
DY			0.0678 fts	86	1.1	-0.74	
DZ			0.0620 fts	86	1.1	0.26	
DX	NYKT	SOUTH KORTRIGHT	0.0391 fts	85	1.2	0.16	0.14
DY			0.0674 fts	85	1.1	0.49	
DZ			0.0554 fts	85	1.2	0.53	
DX	NYKT	PHOENICIA	0.0418 fts	83	1.3	0.29	0.74
DY			0.0726 fts	83	1.2	-0.08	
DZ			0.0583 fts	82	1.3	0.93	
DX	NYKT	HUNTER	0.0339 fts	83	1.3	0.80	0.75
DY			0.0547 fts	82	1.3	-0.46	
DZ			0.0538 fts	83	1.3	0.38	
DX	NYKT	FLEISHMANN'S	0.0386 fts	90	0.9	0.37	0.36
DY			0.0667 fts	90	0.9	0.47	
DZ			0.0612 fts	91	0.9	0.76	
DX	NYKT	CLARYVILLE	0.0480 fts	80	1.4	0.36	0.41
DY			0.0824 fts	80	1.4	-0.42	
DZ			0.0665 fts	80	1.4	0.23	
DX	NYKT	BOICEVILLE	0.0432 fts	76	1.5	-0.37	0.17
DY			0.0619 fts	75	1.6	-0.61	
DZ			0.0682 fts	77	1.5	-0.14	
DX	NYHS	SUNDOWN	0.0426 fts	74	1.6	1.13	0.53
DY			0.0683 fts	74	1.7	0.83	
DZ			0.0595 fts	74	1.6	-0.12	
DX	NYHS	STAMFORD	0.0406 fts	84	1.2	0.42	0.44
DY			0.0640 fts	84	1.2	-0.87	
DZ			0.0585 fts	85	1.2	-0.55	
DX	NYHS	SOUTH KORTRIGHT	0.0397 fts	86	1.1	1.36	0.72
DY			0.0684 fts	86	1.1	0.72	
DZ			0.0563 fts	85	1.1	-0.49	
DX	NYHS	PHOENICIA	0.0438 fts	85	1.2	0.57	0.20
DY			0.0758 fts	85	1.2	-0.27	
DZ			0.0609 fts	84	1.2	-0.58	
DX	NYHS	HUNTER	0.0345 fts	84	1.2	0.92	0.66
DY			0.0557 fts	83	1.2	-0.18	
DZ			0.0548 fts	83	1.2	0.46	
DX	NYHS	FLEISHMANN'S	0.0401 fts	91	0.9	1.41	0.75
DY			0.0692 fts	91	0.8	0.65	
DZ			0.0635 fts	92	0.8	-0.29	
DX	NYHS	CLARYVILLE	0.0505 fts	82	1.3	0.63	0.39
DY			0.0868 fts	83	1.3	-0.59	
DZ			0.0700 fts	82	1.3	-0.95	
DX	NYHS	BOICEVILLE	0.0440 fts	78	1.5	0.11	0.13
DY			0.0630 fts	76	1.5	-0.10	
DZ			0.0695 fts	78	1.5	0.34	
DX	NYCS	WALTON	0.0285 fts	77	1.5	0.03	1.13
DY			0.0453 fts	77	1.5	1.61	
DZ			0.0459 fts	77	1.5	0.44	
DX	NYCS	STAMFORD	0.0385 fts	83	1.3	0.29	0.28
DY			0.0606 fts	82	1.3	0.04	
DZ			0.0554 fts	83	1.3	-0.68	
		SOUTH					

DX	NYCS	KORTRIGHT	0.0373 fts	84	1.2	0.59	0.54
DY			0.0643 fts	84	1.2	1.19	
DZ			0.0529 fts	83	1.2	0.17	
DX	NYCS	PHOENICIA	0.0418 fts	83	1.2	0.04	0.61
DY			0.0725 fts	83	1.2	0.14	
DZ			0.0582 fts	83	1.2	-0.96	
DX	NYCS	HUNTER	0.0320 fts	82	1.3	-0.81	1.15
DY			0.0517 fts	81	1.3	0.93	
DZ			0.0508 fts	81	1.3	-0.13	
DX	NYCS	FLEISHMANNNS	0.0358 fts	89	0.9	0.81	1.19
DY			0.0619 fts	89	0.9	1.60	
DZ			0.0568 fts	90	0.9	0.10	
DX	NYCS	DELHI	0.0365 fts	82	1.3	-0.29	1.40
DY			0.0649 fts	82	1.3	-2.02	
DZ			0.0523 fts	81	1.3	-1.32	
DX	NYCS	BOICEVILLE	0.0442 fts	78	1.5	0.18	0.19
DY			0.0632 fts	77	1.5	0.69	
DZ			0.0697 fts	78	1.5	0.67	
DX	NYON	WALTON	0.0263 fts	73	1.7	-0.72	0.47
DY			0.0418 fts	72	1.7	0.34	
DZ			0.0422 fts	73	1.7	-0.32	
DX	NYON	STAMFORD	0.0374 fts	82	1.3	-0.31	0.17
DY			0.0590 fts	81	1.3	0.53	
DZ			0.0539 fts	82	1.3	0.50	
DX	NYON	SOUTH KORTRIGHT	0.0347 fts	81	1.3	-0.35	0.21
DY			0.0599 fts	81	1.3	0.58	
DZ			0.0492 fts	81	1.3	0.36	
DX	NYON	PHOENICIA	0.0388 fts	80	1.4	-0.12	0.31
DY			0.0672 fts	80	1.4	0.81	
DZ			0.0539 fts	80	1.4	0.83	
DX	NYON	HUNTER	0.0300 fts	79	1.4	-1.57	1.50
DY			0.0485 fts	78	1.5	-0.25	
DZ			0.0475 fts	78	1.4	-1.04	
DX	NYON	FLEISHMANNNS	0.0336 fts	88	1.0	0.18	0.54
DY			0.0581 fts	88	1.0	1.26	
DZ			0.0533 fts	89	1.0	0.57	
DX	NYON	DELHI	0.0278 fts	62	2.2	0.67	0.39
DY			0.0495 fts	62	2.2	-0.08	
DZ			0.0400 fts	62	2.2	0.31	
DX	NYON	CLARYVILLE	0.0436 fts	75	1.6	-0.35	0.33
DY			0.0749 fts	75	1.6	0.70	
DZ			0.0604 fts	75	1.6	0.31	
DX	AB3881	MARGARETVILLE	0.0549 fts	56	2.5	-0.02	0.27
DY			0.0863 fts	50	2.6	-0.67	
DZ			0.0829 fts	55	2.5	-0.11	
DX	AB3881	ANDES	0.0612 fts	71	1.7	0.39	0.70
DY			0.0974 fts	75	1.7	-1.07	
DZ			0.0888 fts	65	1.9	-0.45	
DX	DH3545	MARGARETVILLE	0.0404 fts	84	1.2	-0.79	0.98
DY			0.0685 fts	85	1.2	-1.61	
DZ			0.0593 fts	85	1.2	-0.25	
DX	DH3545	ANDES	0.0518 fts	90	0.9	-0.41	0.53
DY			0.0898 fts	91	0.9	-0.92	

DZ			0.0765 fts	90	0.9	0.31		
DX	AA7906	MARGARETVILLE	0.0843 fts	75	1.8	-0.23	0.05	
DY			0.1306 fts	69	2.0	-0.05		
DZ			0.1255 fts	69	1.9	-0.25		
DX	AA7906	ANDES	0.0867 fts	76	1.6	-0.25	0.03	
DY			0.1390 fts	73	1.7	-0.15		
DZ			0.1317 fts	72	1.7	0.06		
DX	ANDES	MARGARETVILLE	0.0224 fts	89	0.9	2.25		3.28 
DY			0.0386 fts	89	0.9	-0.02		
DZ			0.0368 fts	90	0.9	1.37		
DX	ANDES	MARGARETVILLE	0.0281 fts	94	0.7	-0.07	1.42	
DY			0.0453 fts	93	0.8	-1.07		
DZ			0.0417 fts	94	0.8	0.49		
DX	NYHC	MARGARETVILLE	0.0184 fts	82	1.3	0.35	1.20	
DY			0.0305 fts	82	1.3	-1.09		
DZ			0.0284 fts	82	1.3	-1.87		
DX	NYHC	MARGARETVILLE	0.0165 fts	76	1.5	-0.17	0.38	
DY			0.0274 fts	75	1.6	0.14		
DZ			0.0255 fts	77	1.5	0.96		
DX	NYKT	MARGARETVILLE	0.0161 fts	77	1.5	-3.30		6.20 
DY			0.0268 fts	78	1.5	-1.58		
DZ			0.0247 fts	77	1.5	-2.33		
DX	NYKT	MARGARETVILLE	0.0167 fts	79	1.4	2.24		3.98 
DY			0.0276 fts	79	1.4	0.86		
DZ			0.0258 fts	80	1.4	2.01		
DX	NYHS	MARGARETVILLE	0.0187 fts	84	1.2	-2.53		2.60 
DY			0.0307 fts	84	1.2	-1.84		
DZ			0.0289 fts	84	1.2	-0.89		
DX	NYHS	MARGARETVILLE	0.0167 fts	79	1.4	2.99		3.52 
DY			0.0276 fts	79	1.4	1.36		
DZ			0.0259 fts	80	1.4	0.98		
DX	NYCS	MARGARETVILLE	0.0174 fts	85	1.2	-1.11	3.10	
DY			0.0290 fts	85	1.1	-2.93		
DZ			0.0268 fts	85	1.2	-0.89		
DX	NYCS	MARGARETVILLE	0.0153 fts	80	1.4	0.21	3.74	
DY			0.0254 fts	79	1.4	3.02		
DZ			0.0237 fts	80	1.4	0.85		
DX	NYON	MARGARETVILLE	0.0142 fts	79	1.4	0.00	3.02	
DY			0.0240 fts	80	1.4	-2.85		
DZ			0.0216 fts	79	1.4	-1.51		
DX	NYON	MARGARETVILLE	0.0138 fts	78	1.5	-0.91	2.66	
DY			0.0230 fts	76	1.5	2.15		
DZ			0.0213 fts	79	1.5	0.92		
DX	NYHC	ANDES	0.0291 fts	91	0.9	0.95	2.05	
DY			0.0507 fts	91	0.8	-1.76		
DZ			0.0478 fts	92	0.8	-1.04		
DX	NYHC	ANDES	0.0395 fts	95	0.6	-0.10	0.19	
DY			0.0641 fts	95	0.6	-0.31		
DZ			0.0585 fts	95	0.6	-0.68		
DX	NYHC	ANDES	0.0209 fts	82	1.3	0.03	0.53	
DY			0.0361 fts	82	1.3	0.33		
DZ			0.0323 fts	82	1.3	1.16		

DX	NYKT	ANDES	0.0311 fts	92	0.8	-1.41		0.92
DY			0.0541 fts	93	0.8	-0.57		
DZ			0.0511 fts	93	0.7	-0.90		
DX	NYKT	ANDES	0.0349 fts	94	0.7	-0.75		1.18
DY			0.0568 fts	94	0.7	-1.78		
DZ			0.0516 fts	94	0.7	-1.45		
DX	NYKT	ANDES	0.0208 fts	81	1.3	2.09		3.05 
DY			0.0360 fts	83	1.3	1.43		
DZ			0.0322 fts	82	1.3	1.92		
DX	NYCS	ANDES	0.0288 fts	92	0.8	-0.57		1.47
DY			0.0503 fts	93	0.8	-1.93		
DZ			0.0473 fts	93	0.7	-0.31		
DX	NYCS	ANDES	0.0387 fts	96	0.6	0.22		2.67 
DY			0.0629 fts	96	0.6	-2.45		
DZ			0.0573 fts	96	0.6	-1.10		
DX	NYCS	ANDES	0.0207 fts	84	1.2	0.39		1.71
DY			0.0358 fts	85	1.2	2.18		
DZ			0.0320 fts	84	1.2	0.85		
DX	NYON	ANDES	0.0265 fts	91	0.8	0.57		1.94 
DY			0.0494 fts	94	0.7	-1.86		
DZ			0.0417 fts	91	0.8	-0.41		
DX	NYON	ANDES	0.0325 fts	95	0.6	0.22		1.30
DY			0.0528 fts	94	0.7	-1.71		
DZ			0.0482 fts	95	0.7	-0.85		
DX	NYON	ANDES	0.0191 fts	83	1.2	-0.29		1.10
DY			0.0332 fts	84	1.2	1.63		
DZ			0.0296 fts	84	1.2	1.03		

Redundancy:

W-Test:

T-Test (3-dimensional):

Estimated Errors (Coordinates)**Estimated Errors For Coordinates With Rejected W-Tests (max 10)**

Station		W-Test	Fact	Est err
AA7928	Height	-5.07	2.6	-0.1443 fts
AB3881	Height	2.09	1.1	0.1511 fts

Estimated Errors For Stations With Rejected T-Tests (max 10)

Station		T-Test	Fact	Est err
AA7928	Latitude	9.17	2.2	0.0317 fts
	Longitude			-0.0003 fts
	Height			-0.1454 fts
AB3881	Latitude	2.09	1.1	-0.0367 fts
	Longitude			-0.0003 fts
	Height			0.1527 fts

GPS NETWORK ADJUSTMENT REPORT (FULLY CONSTRAINED)

Network Adjustment

www.MOVE3.com

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Created: 02/07/2011 20:07:46


Project Information

Project name: FEMA NYCDEP Prime Control
 Date created: 02/02/2011 09:36:31
 Time zone: -5h 00'
 Coordinate system name: NY E NAD83 G03
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

General Information

Adjustment

Type: Constrained
 Dimension: 3D
 Coordinate system: WGS 1984
 Height mode: Ellipsoidal

Number of iterations: 1
 Maximum coord correction in last iteration: 0.0000 fts  (tolerance is met)

Stations

Number of (partly) known stations: 9
 Number of unknown stations: 12
 Total: 21

Observations

GPS coordinate differences: 318 (106 baselines)
 Known coordinates: 25
 Total: 343


Unknowns

Coordinates: 63
 Total: 63

Degrees of freedom: 280

Testing

Alfa (multi dimensional): 0.6989
 Alfa 0 (one dimensional): 5.0 %
 Beta: 80.0 %
 Sigma a-priori (GPS): 10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.95	
F-test:	12.79	 (rejected)

Results based on a-posteriori variance factor

Adjustment Results

Coordinates

Station	Coordinate	Corr	Sd		
AA7906	Latitude	42° 18' 04.78995" N	0.0000 fts	-	fixed
	Longitude	74° 53' 51.05977" W	0.0000 fts	-	fixed
	Height	1318.4324 fts	0.0000 fts	-	fixed
AA7928	Latitude	42° 07' 52.34065" N	0.0000 fts	-	fixed
	Longitude	74° 39' 49.23537" W	0.0000 fts	-	fixed
	Height	1220.2960 fts	0.0000 fts	-	fixed
AB3881	Latitude	42° 01' 30.16676" N	0.0000 fts	-	fixed
	Longitude	74° 16' 13.89122" W	0.0000 fts	-	fixed
	Height	556.8821 fts	0.0000 fts	-	fixed
ANDES	Latitude	42° 11' 06.75397" N	0.0000 fts	0.0052 fts	
	Longitude	74° 48' 02.96043" W	0.0000 fts	0.0038 fts	
	Height	1718.0196 fts	0.0000 fts	0.0106 fts	
BOICEVILLE	Latitude	42° 00' 19.49179" N	0.0000 fts	0.0149 fts	
	Longitude	74° 15' 59.29628" W	0.0000 fts	0.0115 fts	
	Height	523.3431 fts	0.0000 fts	0.0336 fts	
CLARYVILLE	Latitude	41° 54' 58.11796" N	0.0000 fts	0.0152 fts	
	Longitude	74° 34' 22.10447" W	0.0000 fts	0.0122 fts	
	Height	1518.2482 fts	0.0000 fts	0.0348 fts	
DELHI	Latitude	42° 16' 19.29117" N	0.0000 fts	0.0115 fts	
	Longitude	74° 55' 36.38546" W	0.0000 fts	0.0088 fts	
	Height	1456.7647 fts	0.0000 fts	0.0240 fts	
DH3545	Latitude	42° 27' 27.79236" N	0.0134 fts	0.0126 fts	
	Longitude	74° 27' 25.04325" W	0.0029 fts	0.0094 fts	
	Height	735.6595 fts	0.0000 fts	-	fixed
FLEISHMANN'S	Latitude	42° 09' 22.47669" N	0.0000 fts	0.0084 fts	
	Longitude	74° 32' 06.40593" W	0.0000 fts	0.0068 fts	
	Height	1391.2808 fts	0.0000 fts	0.0191 fts	
HUNTER	Latitude	42° 12' 45.44964" N	0.0000 fts	0.0109 fts	
	Longitude	74° 13' 22.85068" W	0.0000 fts	0.0074 fts	
	Height	1497.6372 fts	0.0000 fts	0.0189 fts	
MARGARETVILLE	Latitude	42° 08' 55.47282" N	0.0000 fts	0.0035 fts	
	Longitude	74° 38' 42.75589" W	0.0000 fts	0.0026 fts	
	Height	1220.2711 fts	0.0000 fts	0.0071 fts	
NYCS	Latitude	42° 40' 02.83667" N	0.0000 fts	-	fixed
	Longitude	74° 29' 10.94851" W	0.0000 fts	-	fixed
	Height	888.0527 fts	0.0000 fts	-	fixed
NYHC	Latitude	41° 57' 29.98185" N	0.0000 fts	-	fixed
	Longitude	75° 17' 33.87629" W	0.0000 fts	-	fixed
	Height	855.3675 fts	0.0000 fts	-	fixed

NYHS	Latitude	42° 15' 08.35963" N	0.0000 fts	-	fixed
	Longitude	73° 45' 27.16055" W	0.0000 fts	-	fixed
	Height	72.4080 fts	0.0000 fts	-	fixed
NYKT	Latitude	41° 56' 12.97178" N	0.0000 fts	-	fixed
	Longitude	74° 01' 52.21841" W	0.0000 fts	-	fixed
	Height	99.5897 fts	0.0000 fts	-	fixed
NYON	Latitude	42° 26' 24.81517" N	0.0000 fts	-	fixed
	Longitude	75° 06' 42.50851" W	0.0000 fts	-	fixed
	Height	1007.4455 fts	0.0000 fts	-	fixed
PHOENICIA	Latitude	42° 04' 52.66987" N	0.0000 fts	0.0127 fts	
	Longitude	74° 19' 03.41509" W	0.0000 fts	0.0098 fts	
	Height	737.0649 fts	0.0000 fts	0.0275 fts	
SOUTH KORTRIGHT	Latitude	42° 20' 32.04395" N	0.0000 fts	0.0110 fts	
	Longitude	74° 43' 05.30688" W	0.0000 fts	0.0086 fts	
	Height	1421.3608 fts	0.0000 fts	0.0221 fts	
STAMFORD	Latitude	42° 24' 28.64308" N	0.0000 fts	0.0109 fts	
	Longitude	74° 37' 03.65221" W	0.0000 fts	0.0090 fts	
	Height	1731.0944 fts	0.0000 fts	0.0265 fts	
SUNDOWN	Latitude	41° 51' 11.56247" N	0.0000 fts	0.0150 fts	
	Longitude	74° 30' 48.43620" W	0.0000 fts	0.0116 fts	
	Height	757.4956 fts	0.0000 fts	0.0308 fts	
WALTON	Latitude	42° 10' 02.90523" N	0.0000 fts	0.0106 fts	
	Longitude	75° 07' 59.75080" W	0.0000 fts	0.0073 fts	
	Height	1108.4625 fts	0.0000 fts	0.0180 fts	

Observations and Residuals

	Station	Target	Adj obs	Resid	Resid (ENH)	Sd
DX	NYHC	NYON	17302.5014 fts	-0.0202 fts	-0.0120 fts	0.0000 fts
DY			126469.1009 fts	0.0297 fts	0.0021 fts	0.0000 fts
DZ			130206.2195 fts	-0.0276 fts	-0.0437 fts	0.0000 fts
DX	NYON	NYCS	147924.6262 fts	0.0165 fts	0.0240 fts	0.0000 fts
DY			98321.0918 fts	0.0317 fts	0.0068 fts	0.0000 fts
DZ			60925.4722 fts	-0.0149 fts	-0.0295 fts	0.0000 fts
DX	NYON	DH3545	169373.0773 fts	0.0189 fts	0.0004 fts	0.0094 fts
DY			50734.4711 fts	-0.0695 fts	-0.0178 fts	0.0085 fts
DZ			4521.0454 fts	0.0417 fts	0.0813 fts	0.0093 fts
DX	AA7906	DH3545	104546.3768 fts	0.0014 fts	-0.0151 fts	0.0314 fts
DY			68925.5484 fts	-0.0631 fts	0.0004 fts	0.0627 fts
DZ			41710.5747 fts	0.0563 fts	0.0832 fts	0.0504 fts
DX	NYCS	DH3545	21448.4511 fts	-0.0026 fts	-0.0249 fts	0.0094 fts
DY			-47586.6206 fts	-0.0836 fts	-0.0137 fts	0.0085 fts
DZ			-56404.4268 fts	0.0550 fts	0.0960 fts	0.0093 fts
DX	NYHS	NYKT	-49973.2199 fts	0.0049 fts	-0.0078 fts	0.0000 fts
DY			-94643.5798 fts	-0.0446 fts	-0.0035 fts	0.0000 fts
DZ			-85266.3521 fts	0.0354 fts	0.0566 fts	0.0000 fts
DX	NYHS	DH3545	-195504.7990 fts	0.0302 fts	-0.0012 fts	0.0094 fts
DY			-3738.5170 fts	-0.1081 fts	-0.0115 fts	0.0085 fts
DZ			55764.0741 fts	0.0864 fts	0.1412 fts	0.0093 fts
DX	NYKT	DH3545	-145531.5792 fts	0.0353 fts	0.0129 fts	0.0094 fts
DY			90905.0628 fts	-0.0765 fts	-0.0172 fts	0.0085 fts
DZ			141030.4261 fts	0.0517 fts	0.0965 fts	0.0093 fts

DX	STAMFORD	PHOENICIA	99523.0295 fts	-0.0001 fts	-0.0060 fts	0.0156 fts
DY			-54646.6313 fts	-0.0222 fts	-0.0089 fts	0.0304 fts
DZ			-88799.3557 fts	0.0075 fts	0.0208 fts	0.0250 fts
DX	STAMFORD	CLARYVILLE	43647.7601 fts	-0.0076 fts	-0.0104 fts	0.0173 fts
DY			-112605.4523 fts	-0.0115 fts	-0.0084 fts	0.0343 fts
DZ			-133005.3746 fts	-0.0032 fts	0.0045 fts	0.0283 fts
DX	MARGARETVILLE	DELHI	-81488.7606 fts	0.0118 fts	0.0094 fts	0.0104 fts
DY			8940.0848 fts	-0.0075 fts	-0.0046 fts	0.0209 fts
DZ			33438.0617 fts	0.0031 fts	0.0097 fts	0.0168 fts
DX	SOUTH KORTRIGHT	SUNDOWN	85129.5771 fts	-0.0099 fts	-0.0055 fts	0.0165 fts
DY			-99982.5167 fts	0.0154 fts	0.0023 fts	0.0304 fts
DZ			-132683.2232 fts	-0.0128 fts	-0.0215 fts	0.0245 fts
DX	SOUTH KORTRIGHT	FLEISHMANN'S	59862.5012 fts	-0.0058 fts	0.0002 fts	0.0122 fts
DY			-30784.8751 fts	0.0221 fts	0.0091 fts	0.0229 fts
DZ			-50196.5000 fts	-0.0085 fts	-0.0226 fts	0.0204 fts
DX	SOUTH KORTRIGHT	BOICEVILLE	139841.5693 fts	-0.0139 fts	-0.0091 fts	0.0164 fts
DY			-46033.2949 fts	0.0162 fts	0.0172 fts	0.0312 fts
DZ			-91574.9619 fts	0.0057 fts	-0.0105 fts	0.0297 fts
DX	PHOENICIA	CLARYVILLE	-55875.2695 fts	-0.0087 fts	-0.0048 fts	0.0177 fts
DY			-57958.8210 fts	0.0133 fts	-0.0034 fts	0.0349 fts
DZ			-44206.0189 fts	-0.0183 fts	-0.0235 fts	0.0275 fts
DX	MARGARETVILLE	WALTON	-128980.8428 fts	0.0141 fts	0.0054 fts	0.0085 fts
DY			-29996.0108 fts	-0.0309 fts	-0.0045 fts	0.0157 fts
DZ			4985.3873 fts	0.0243 fts	0.0412 fts	0.0145 fts
DX	MARGARETVILLE	STAMFORD	-9559.2510 fts	-0.0083 fts	-0.0016 fts	0.0109 fts
DY			62892.0591 fts	0.0241 fts	-0.0005 fts	0.0216 fts
DZ			70242.1766 fts	-0.0237 fts	-0.0347 fts	0.0191 fts
DX	MARGARETVILLE	SOUTH KORTRIGHT	-31532.8033 fts	-0.0078 fts	-0.0133 fts	0.0103 fts
DY			40364.9415 fts	-0.0217 fts	-0.0198 fts	0.0191 fts
DZ			52337.9476 fts	-0.0096 fts	0.0075 fts	0.0160 fts
DX	MARGARETVILLE	PHOENICIA	89963.7786 fts	-0.0093 fts	-0.0059 fts	0.0122 fts
DY			8245.4278 fts	0.0115 fts	-0.0032 fts	0.0238 fts
DZ			-18557.1790 fts	-0.0166 fts	-0.0212 fts	0.0186 fts
DX	MARGARETVILLE	HUNTER	106105.6337 fts	0.0023 fts	0.0007 fts	0.0090 fts
DY			45571.9594 fts	-0.0060 fts	0.0032 fts	0.0166 fts
DZ			17438.8085 fts	0.0101 fts	0.0115 fts	0.0148 fts
DX	MARGARETVILLE	FLEISHMANN'S	28329.6979 fts	-0.0033 fts	-0.0061 fts	0.0075 fts
DY			9580.0664 fts	-0.0109 fts	-0.0073 fts	0.0147 fts
DZ			2141.4477 fts	-0.0011 fts	0.0064 fts	0.0142 fts
DX	AA7906	MARGARETVILLE	75741.4612 fts	-0.0411 fts	-0.0267 fts	0.0306 fts
DY			-18038.2699 fts	0.0497 fts	0.0222 fts	0.0623 fts
DZ			-41246.2912 fts	-0.0234 fts	-0.0592 fts	0.0501 fts
DX	MARGARETVILLE	BOICEVILLE	108308.7660 fts	-0.0121 fts	-0.0052 fts	0.0134 fts
DY			-5668.3534 fts	0.0245 fts	-0.0012 fts	0.0258 fts
DZ			-39237.0143 fts	-0.0259 fts	-0.0373 fts	0.0261 fts
DX	HUNTER	WALTON	-235086.4764 fts	0.0109 fts	0.0043 fts	0.0110 fts
DY			-75567.9703 fts	-0.0228 fts	-0.0061 fts	0.0203 fts
DZ			-12453.4211 fts	0.0144 fts	0.0282 fts	0.0184 fts
DX	FLEISHMANN'S	SUNDOWN	25267.0759 fts	0.0043 fts	0.0000 fts	0.0157 fts
DY			-69197.6416 fts	-0.0154 fts	-0.0002 fts	0.0291 fts

DZ			-82486.7232 fts	0.0142 fts	0.0214 fts	0.0246 fts
DX	ANDES	WALTON	-86027.5177 fts	0.0177 fts	0.0060 fts	0.0090 fts
DY			-27129.9514 fts	-0.0422 fts	-0.0178 fts	0.0170 fts
DZ			-5199.4560 fts	0.0170 fts	0.0450 fts	0.0155 fts
DX	ANDES	STAMFORD	33394.0741 fts	-0.0192 fts	-0.0135 fts	0.0113 fts
DY			65758.1186 fts	0.0193 fts	0.0041 fts	0.0225 fts
DZ			60057.3333 fts	-0.0159 fts	-0.0282 fts	0.0198 fts
DX	ANDES	SOUTH KORTRIGHT	11420.5218 fts	-0.0117 fts	-0.0087 fts	0.0107 fts
DY			43231.0009 fts	0.0099 fts	-0.0102 fts	0.0202 fts
DZ			42153.1043 fts	-0.0252 fts	-0.0263 fts	0.0169 fts
DX	ANDES	PHOENICIA	132917.1036 fts	-0.0288 fts	-0.0201 fts	0.0125 fts
DY			11111.4873 fts	0.0295 fts	0.0044 fts	0.0246 fts
DZ			-28742.0223 fts	-0.0267 fts	-0.0447 fts	0.0194 fts
DX	ANDES	HUNTER	149058.9587 fts	0.0064 fts	0.0021 fts	0.0094 fts
DY			48438.0189 fts	-0.0156 fts	-0.0127 fts	0.0179 fts
DZ			7253.9652 fts	-0.0020 fts	0.0111 fts	0.0158 fts
DX	ANDES	FLEISHMANNS	71283.0230 fts	-0.0145 fts	-0.0102 fts	0.0085 fts
DY			12446.1259 fts	0.0144 fts	-0.0021 fts	0.0169 fts
DZ			-8043.3957 fts	-0.0189 fts	-0.0258 fts	0.0159 fts
DX	ANDES	DELHI	-38535.4356 fts	-0.0287 fts	-0.0246 fts	0.0109 fts
DY			11806.1443 fts	0.0116 fts	0.0052 fts	0.0219 fts
DZ			23253.2183 fts	-0.0099 fts	-0.0205 fts	0.0177 fts
DX	ANDES	BOICEVILLE	151262.0911 fts	-0.0195 fts	-0.0069 fts	0.0136 fts
DY			-2802.2940 fts	0.0453 fts	0.0015 fts	0.0265 fts
DZ			-49421.8576 fts	-0.0423 fts	-0.0645 fts	0.0265 fts
DX	AA7928	WALTON	-125285.4562 fts	-0.0158 fts	-0.0158 fts	0.0114 fts
DY			-24535.1385 fts	-0.0022 fts	0.0020 fts	0.0228 fts
DZ			9724.3593 fts	0.0009 fts	-0.0009 fts	0.0205 fts
DX	AA7928	MARGARETVILLE	3695.3866 fts	-0.0370 fts	-0.0240 fts	0.0083 fts
DY			5460.8723 fts	0.0438 fts	0.0049 fts	0.0179 fts
DZ			4738.9720 fts	-0.0405 fts	-0.0657 fts	0.0158 fts
DX	AA7928	HUNTER	109801.0202 fts	-0.0475 fts	-0.0391 fts	0.0117 fts
DY			51032.8317 fts	0.0251 fts	0.0089 fts	0.0234 fts
DZ			22177.7804 fts	-0.0213 fts	-0.0415 fts	0.0207 fts
DX	AA7928	ANDES	-39257.9385 fts	-0.0434 fts	-0.0266 fts	0.0088 fts
DY			2594.8128 fts	0.0575 fts	0.0162 fts	0.0189 fts
DZ			14923.8153 fts	-0.0387 fts	-0.0756 fts	0.0166 fts
DX	NYON	WALTON	11587.3189 fts	-0.0033 fts	0.0025 fts	0.0082 fts
DY			-66225.3580 fts	0.0220 fts	0.0078 fts	0.0151 fts
DZ			-73450.4332 fts	-0.0097 fts	-0.0228 fts	0.0139 fts
DX	NYON	STAMFORD	131008.9108 fts	-0.0143 fts	-0.0048 fts	0.0107 fts
DY			26662.7119 fts	0.0350 fts	0.0176 fts	0.0211 fts
DZ			-8193.6439 fts	-0.0104 fts	-0.0347 fts	0.0186 fts
DX	NYON	SOUTH KORTRIGHT	109035.3584 fts	-0.0146 fts	-0.0047 fts	0.0100 fts
DY			4135.5943 fts	0.0365 fts	0.0171 fts	0.0185 fts
DZ			-26097.8730 fts	-0.0125 fts	-0.0372 fts	0.0155 fts
DX	NYON	PHOENICIA	230531.9403 fts	-0.0145 fts	-0.0040 fts	0.0119 fts
DY			-27983.9194 fts	0.0391 fts	0.0240 fts	0.0233 fts
DZ			-96992.9996 fts	-0.0055 fts	-0.0344 fts	0.0181 fts
DX	NYON	HUNTER	246673.7954 fts	-0.0257 fts	-0.0140 fts	0.0087 fts
DY			9342.6123 fts	0.0424 fts	0.0088 fts	0.0160 fts
DZ			-60997.0121 fts	-0.0316 fts	-0.0565 fts	0.0142 fts

DX	NYON	FLEISHMANNS	168897.8596 fts	-0.0074 fts	0.0048 fts	0.0076 fts
DY			-26649.2808 fts	0.0464 fts	0.0223 fts	0.0148 fts
DZ			-76294.3729 fts	-0.0126 fts	-0.0430 fts	0.0143 fts
DX	NYON	DELHI	59079.4011 fts	0.0108 fts	0.0096 fts	0.0102 fts
DY			-27289.2624 fts	-0.0031 fts	0.0024 fts	0.0204 fts
DZ			-44997.7589 fts	0.0085 fts	0.0100 fts	0.0163 fts
DX	NYON	CLARYVILLE	174656.6708 fts	-0.0221 fts	-0.0092 fts	0.0146 fts
DY			-85942.7404 fts	0.0476 fts	0.0204 fts	0.0290 fts
DZ			-141199.0185 fts	-0.0197 fts	-0.0514 fts	0.0232 fts
DX	NYCS	WALTON	-136337.3072 fts	-0.0137 fts	-0.0095 fts	0.0082 fts
DY			-164546.4498 fts	0.0141 fts	0.0115 fts	0.0151 fts
DZ			-134375.9054 fts	-0.0002 fts	-0.0128 fts	0.0139 fts
DX	NYCS	STAMFORD	-16915.7154 fts	-0.0219 fts	-0.0171 fts	0.0107 fts
DY			-71658.3799 fts	0.0152 fts	-0.0021 fts	0.0211 fts
DZ			-69119.1161 fts	-0.0217 fts	-0.0298 fts	0.0186 fts
DX	NYCS	SOUTH KORTRIGHT	-38889.2678 fts	-0.0181 fts	-0.0109 fts	0.0100 fts
DY			-94185.4975 fts	0.0244 fts	0.0142 fts	0.0185 fts
DZ			-87023.3451 fts	-0.0069 fts	-0.0256 fts	0.0155 fts
DX	NYCS	PHOENICIA	82607.3141 fts	-0.0330 fts	-0.0237 fts	0.0119 fts
DY			-126305.0112 fts	0.0303 fts	0.0006 fts	0.0233 fts
DZ			-157918.4718 fts	-0.0342 fts	-0.0511 fts	0.0181 fts
DX	NYCS	HUNTER	98749.1692 fts	-0.0352 fts	-0.0253 fts	0.0087 fts
DY			-88978.4796 fts	0.0324 fts	0.0149 fts	0.0160 fts
DZ			-121922.4843 fts	-0.0172 fts	-0.0415 fts	0.0142 fts
DX	NYCS	FLEISHMANNS	20973.2334 fts	-0.0157 fts	-0.0043 fts	0.0076 fts
DY			-124970.3726 fts	0.0406 fts	0.0154 fts	0.0148 fts
DZ			-137219.8451 fts	-0.0191 fts	-0.0448 fts	0.0143 fts
DX	NYCS	DELHI	-88845.2251 fts	-0.0066 fts	-0.0203 fts	0.0102 fts
DY			-125610.3541 fts	-0.0524 fts	-0.0309 fts	0.0204 fts
DZ			-105923.2311 fts	0.0028 fts	0.0377 fts	0.0163 fts
DX	NYCS	BOICEVILLE	100952.3016 fts	-0.0278 fts	-0.0216 fts	0.0132 fts
DY			-140218.7924 fts	0.0194 fts	0.0172 fts	0.0254 fts
DZ			-178598.3070 fts	-0.0007 fts	-0.0197 fts	0.0258 fts
DX	NYHS	SUNDOWN	-170712.9408 fts	0.0328 fts	0.0233 fts	0.0140 fts
DY			-150319.9105 fts	-0.0296 fts	-0.0089 fts	0.0259 fts
DZ			-107538.0675 fts	0.0222 fts	0.0427 fts	0.0209 fts
DX	NYHS	STAMFORD	-233868.9656 fts	0.0429 fts	0.0198 fts	0.0107 fts
DY			-27810.2762 fts	-0.0762 fts	-0.0273 fts	0.0211 fts
DZ			43049.3848 fts	0.0405 fts	0.0903 fts	0.0186 fts
DX	NYHS	SOUTH KORTRIGHT	-255842.5179 fts	0.0453 fts	0.0333 fts	0.0100 fts
DY			-50337.3938 fts	-0.0364 fts	-0.0137 fts	0.0185 fts
DZ			25145.1557 fts	0.0247 fts	0.0519 fts	0.0155 fts
DX	NYHS	PHOENICIA	-134345.9361 fts	0.0371 fts	0.0205 fts	0.0119 fts
DY			-82456.9076 fts	-0.0539 fts	-0.0231 fts	0.0233 fts
DZ			-45749.9709 fts	0.0252 fts	0.0629 fts	0.0181 fts
DX	NYHS	HUNTER	-118204.0810 fts	0.0471 fts	0.0255 fts	0.0087 fts
DY			-45130.3759 fts	-0.0704 fts	-0.0187 fts	0.0160 fts
DZ			-9753.9834 fts	0.0481 fts	0.0921 fts	0.0142 fts
DX	NYHS	FLEISHMANNS	-195980.0167 fts	0.0510 fts	0.0382 fts	0.0076 fts
DY			-81122.2690 fts	-0.0383 fts	-0.0117 fts	0.0148 fts
DZ			-25051.3443 fts	0.0305 fts	0.0583 fts	0.0143 fts
DX	NYHS	CLARYVILLE	-190221.2055 fts	0.0373 fts	0.0187 fts	0.0146 fts

DY			-140415.7285 fts	-0.0612 fts	-0.0311 fts	0.0290 fts
DZ			-89955.9898 fts	0.0209 fts	0.0652 fts	0.0232 fts
DX	NYHS	BOICEVILLE	-116000.9486 fts	0.0289 fts	0.0134 fts	0.0132 fts
DY			-96370.6888 fts	-0.0514 fts	-0.0077 fts	0.0254 fts
DZ			-66429.8061 fts	0.0418 fts	0.0706 fts	0.0258 fts
DX	NYKT	SUNDOWN	-120739.7209 fts	0.0198 fts	0.0186 fts	0.0140 fts
DY			-55676.3307 fts	-0.0016 fts	-0.0011 fts	0.0259 fts
DZ			-22271.7154 fts	0.0048 fts	0.0084 fts	0.0209 fts
DX	NYKT	STAMFORD	-183895.7457 fts	0.0435 fts	0.0253 fts	0.0107 fts
DY			66833.3036 fts	-0.0600 fts	-0.0163 fts	0.0211 fts
DZ			128315.7369 fts	0.0406 fts	0.0790 fts	0.0186 fts
DX	NYKT	SOUTH KORTRIGHT	-205869.2980 fts	0.0332 fts	0.0282 fts	0.0100 fts
DY			44306.1860 fts	-0.0136 fts	-0.0022 fts	0.0185 fts
DZ			110411.5078 fts	0.0171 fts	0.0280 fts	0.0155 fts
DX	NYKT	PHOENICIA	-84372.7162 fts	0.0411 fts	0.0275 fts	0.0119 fts
DY			12186.6722 fts	-0.0434 fts	-0.0070 fts	0.0233 fts
DZ			39516.3812 fts	0.0383 fts	0.0651 fts	0.0181 fts
DX	NYKT	HUNTER	-68230.8611 fts	0.0442 fts	0.0310 fts	0.0087 fts
DY			49513.2039 fts	-0.0418 fts	-0.0173 fts	0.0160 fts
DZ			75512.3687 fts	0.0238 fts	0.0549 fts	0.0142 fts
DX	NYKT	FLEISHMANNS	-146006.7969 fts	0.0422 fts	0.0333 fts	0.0076 fts
DY			13521.3109 fts	-0.0262 fts	0.0009 fts	0.0148 fts
DZ			60215.0079 fts	0.0343 fts	0.0502 fts	0.0143 fts
DX	NYKT	CLARYVILLE	-140247.9856 fts	0.0396 fts	0.0246 fts	0.0146 fts
DY			-45772.1487 fts	-0.0490 fts	-0.0157 fts	0.0290 fts
DZ			-4689.6377 fts	0.0311 fts	0.0640 fts	0.0232 fts
DX	NYKT	BOICEVILLE	-66027.7287 fts	0.0216 fts	0.0153 fts	0.0132 fts
DY			-1727.1090 fts	-0.0199 fts	-0.0094 fts	0.0254 fts
DZ			18836.5459 fts	0.0099 fts	0.0253 fts	0.0258 fts
DX	STAMFORD	BOICEVILLE	117868.0170 fts	0.0034 fts	0.0099 fts	0.0166 fts
DY			-68560.4126 fts	0.0248 fts	-0.0032 fts	0.0324 fts
DZ			-109479.1909 fts	-0.0253 fts	-0.0340 fts	0.0314 fts
DX	NYHC	SUNDOWN	211467.4369 fts	-0.0456 fts	-0.0378 fts	0.0140 fts
DY			30622.1785 fts	0.0248 fts	0.0072 fts	0.0259 fts
DZ			-28574.8767 fts	-0.0224 fts	-0.0415 fts	0.0209 fts
DX	NYHC	STAMFORD	148311.4121 fts	-0.0296 fts	-0.0199 fts	0.0107 fts
DY			153131.8128 fts	0.0343 fts	0.0202 fts	0.0211 fts
DZ			122012.5756 fts	-0.0093 fts	-0.0365 fts	0.0186 fts
DX	NYHC	SOUTH KORTRIGHT	126337.8598 fts	-0.0330 fts	-0.0294 fts	0.0100 fts
DY			130604.6952 fts	0.0099 fts	0.0108 fts	0.0185 fts
DZ			104108.3465 fts	-0.0017 fts	-0.0145 fts	0.0155 fts
DX	NYHC	FLEISHMANNS	186200.3610 fts	-0.0201 fts	-0.0168 fts	0.0076 fts
DY			99819.8200 fts	0.0105 fts	0.0215 fts	0.0148 fts
DZ			53911.8465 fts	0.0152 fts	-0.0012 fts	0.0143 fts
DX	NYHC	DELHI	76381.9025 fts	-0.0175 fts	-0.0019 fts	0.0102 fts
DY			99179.8385 fts	0.0589 fts	0.0257 fts	0.0204 fts
DZ			85208.4606 fts	-0.0207 fts	-0.0595 fts	0.0163 fts
DX	NYHC	CLARYVILLE	191959.1722 fts	-0.0318 fts	-0.0213 fts	0.0146 fts
DY			40526.3605 fts	0.0374 fts	0.0256 fts	0.0290 fts
DZ			-10992.7990 fts	-0.0054 fts	-0.0365 fts	0.0232 fts
DX	AB3881	MARGARETVILLE	-105956.7284 fts	-0.0239 fts	-0.0249 fts	0.0200 fts
DY			1381.7853 fts	-0.0069 fts	0.0008 fts	0.0434 fts

DZ			33899.1446 fts	0.0012 fts	0.0010 fts	0.0401 fts
DX	AB3881	ANDES	-148910.0534 fts	-0.0078 fts	-0.0195 fts	0.0202 fts
DY			-1484.2742 fts	-0.0441 fts	-0.0144 fts	0.0438 fts
DZ			44083.9880 fts	0.0170 fts	0.0414 fts	0.0403 fts
DX	DH3545	MARGARETVILLE	-28804.9156 fts	-0.0190 fts	-0.0061 fts	0.0098 fts
DY			-86963.8183 fts	0.0452 fts	-0.0046 fts	0.0103 fts
DZ			-82956.8659 fts	-0.0507 fts	-0.0701 fts	0.0106 fts
DX	DH3545	ANDES	-71758.2406 fts	-0.0102 fts	-0.0006 fts	0.0102 fts
DY			-89829.8778 fts	0.0344 fts	0.0005 fts	0.0122 fts
DZ			-72772.0226 fts	-0.0321 fts	-0.0481 fts	0.0119 fts
DX	AA7906	ANDES	32788.1362 fts	-0.0354 fts	-0.0278 fts	0.0307 fts
DY			-20904.3294 fts	0.0245 fts	0.0231 fts	0.0624 fts
DZ			-31061.4479 fts	0.0013 fts	-0.0234 fts	0.0503 fts
DX	NYHC	WALTON	28889.8203 fts	-0.0061 fts	-0.0019 fts	0.0082 fts
DY			60243.7428 fts	0.0158 fts	-0.0072 fts	0.0151 fts
DZ			56755.7863 fts	-0.0247 fts	-0.0290 fts	0.0139 fts
DX	NYCS	MARGARETVILLE	-7356.4645 fts	-0.0164 fts	-0.0254 fts	0.0030 fts
DY			-134550.4390 fts	-0.0359 fts	-0.0129 fts	0.0059 fts
DZ			-139361.2928 fts	0.0102 fts	0.0291 fts	0.0052 fts
DX	NYCS	MARGARETVILLE	-7356.4645 fts	-0.0221 fts	-0.0143 fts	0.0030 fts
DY			-134550.4390 fts	0.0261 fts	0.0143 fts	0.0059 fts
DZ			-139361.2928 fts	-0.0092 fts	-0.0291 fts	0.0052 fts
DX	NYHS	MARGARETVILLE	-224309.7146 fts	0.0223 fts	0.0044 fts	0.0030 fts
DY			-90702.3353 fts	-0.0609 fts	-0.0211 fts	0.0059 fts
DZ			-27192.7919 fts	0.0303 fts	0.0683 fts	0.0052 fts
DX	NYHS	MARGARETVILLE	-224309.7146 fts	0.0508 fts	0.0328 fts	0.0030 fts
DY			-90702.3353 fts	-0.0570 fts	-0.0120 fts	0.0059 fts
DZ			-27192.7919 fts	0.0464 fts	0.0822 fts	0.0052 fts
DX	NYKT	MARGARETVILLE	-174336.4948 fts	0.0151 fts	0.0120 fts	0.0030 fts
DY			3941.2444 fts	-0.0092 fts	-0.0180 fts	0.0059 fts
DZ			58073.5602 fts	-0.0126 fts	0.0012 fts	0.0052 fts
DX	NYKT	MARGARETVILLE	-174336.4948 fts	0.0475 fts	0.0359 fts	0.0030 fts
DY			3941.2444 fts	-0.0355 fts	-0.0055 fts	0.0059 fts
DZ			58073.5602 fts	0.0351 fts	0.0586 fts	0.0052 fts
DX	NYHC	MARGARETVILLE	157870.6631 fts	-0.0215 fts	-0.0136 fts	0.0030 fts
DY			90239.7537 fts	0.0280 fts	-0.0046 fts	0.0059 fts
DZ			51770.3989 fts	-0.0354 fts	-0.0478 fts	0.0052 fts
DX	NYHC	MARGARETVILLE	157870.6631 fts	-0.0229 fts	-0.0156 fts	0.0030 fts
DY			90239.7537 fts	0.0259 fts	0.0118 fts	0.0059 fts
DZ			51770.3989 fts	-0.0119 fts	-0.0309 fts	0.0052 fts
DX	ANDES	MARGARETVILLE	42953.3251 fts	0.0159 fts	0.0098 fts	0.0049 fts
DY			2866.0595 fts	-0.0211 fts	-0.0004 fts	0.0101 fts
DZ			-10184.8433 fts	0.0216 fts	0.0327 fts	0.0087 fts
DX	ANDES	MARGARETVILLE	42953.3251 fts	0.0048 fts	-0.0052 fts	0.0049 fts
DY			2866.0595 fts	-0.0376 fts	-0.0030 fts	0.0101 fts
DZ			-10184.8433 fts	0.0299 fts	0.0479 fts	0.0087 fts
DX	NYON	MARGARETVILLE	140568.1617 fts	-0.0014 fts	-0.0026 fts	0.0030 fts
DY			-36229.3472 fts	-0.0048 fts	-0.0059 fts	0.0059 fts
DZ			-78435.8206 fts	-0.0041 fts	0.0004 fts	0.0052 fts
DX	NYON	MARGARETVILLE	140568.1617 fts	-0.0133 fts	-0.0025 fts	0.0030 fts
DY			-36229.3472 fts	0.0402 fts	0.0182 fts	0.0059 fts
DZ			-78435.8206 fts	-0.0139 fts	-0.0405 fts	0.0052 fts
DX	NYON	ANDES	97614.8367 fts	0.0114 fts	0.0015 fts	0.0043 fts
DY			-39095.4067 fts	-0.0367 fts	-0.0164 fts	0.0089 fts

			-68250.9772 fts	0.0130 fts	0.0371 fts	0.0077 fts
DX	NYON	ANDES	97614.8367 fts	0.0109 fts	0.0015 fts	0.0043 fts
DY			-39095.4067 fts	-0.0351 fts	-0.0149 fts	0.0089 fts
DZ			-68250.9772 fts	0.0134 fts	0.0362 fts	0.0077 fts
DX	NYON	ANDES	97614.8367 fts	-0.0056 fts	0.0027 fts	0.0043 fts
DY			-39095.4067 fts	0.0314 fts	0.0185 fts	0.0089 fts
DZ			-68250.9772 fts	-0.0040 fts	-0.0262 fts	0.0077 fts
DX	NYCS	ANDES	-50309.7895 fts	-0.0090 fts	-0.0231 fts	0.0043 fts
DY			-137416.4985 fts	-0.0538 fts	-0.0179 fts	0.0089 fts
DZ			-129176.4494 fts	0.0212 fts	0.0507 fts	0.0077 fts
DX	NYCS	ANDES	-50309.7895 fts	0.0072 fts	-0.0184 fts	0.0043 fts
DY			-137416.4985 fts	-0.0947 fts	-0.0358 fts	0.0089 fts
DZ			-129176.4494 fts	0.0373 fts	0.0938 fts	0.0077 fts
DX	NYCS	ANDES	-50309.7895 fts	-0.0147 fts	-0.0094 fts	0.0043 fts
DY			-137416.4985 fts	0.0179 fts	0.0139 fts	0.0089 fts
DZ			-129176.4494 fts	-0.0006 fts	-0.0160 fts	0.0077 fts
DX	NYKT	ANDES	-217289.8198 fts	0.0222 fts	0.0163 fts	0.0043 fts
DY			1075.1850 fts	-0.0182 fts	-0.0172 fts	0.0089 fts
DZ			68258.4035 fts	-0.0019 fts	0.0163 fts	0.0077 fts
DX	NYKT	ANDES	-217289.8198 fts	0.0315 fts	0.0167 fts	0.0043 fts
DY			1075.1850 fts	-0.0495 fts	-0.0360 fts	0.0089 fts
DZ			68258.4035 fts	0.0021 fts	0.0433 fts	0.0077 fts
DX	NYKT	ANDES	-217289.8198 fts	0.0532 fts	0.0414 fts	0.0043 fts
DY			1075.1850 fts	-0.0354 fts	-0.0031 fts	0.0089 fts
DZ			68258.4035 fts	0.0396 fts	0.0627 fts	0.0077 fts
DX	NYHC	ANDES	114917.3380 fts	-0.0003 fts	-0.0050 fts	0.0043 fts
DY			87373.6942 fts	-0.0183 fts	-0.0235 fts	0.0089 fts
DZ			61955.2423 fts	-0.0157 fts	0.0026 fts	0.0077 fts
DX	NYHC	ANDES	114917.3380 fts	-0.0230 fts	-0.0139 fts	0.0043 fts
DY			87373.6942 fts	0.0328 fts	-0.0017 fts	0.0089 fts
DZ			61955.2423 fts	-0.0361 fts	-0.0521 fts	0.0077 fts
DX	NYHC	ANDES	114917.3380 fts	-0.0163 fts	-0.0116 fts	0.0043 fts
DY			87373.6942 fts	0.0166 fts	0.0124 fts	0.0089 fts
DZ			61955.2423 fts	-0.0015 fts	-0.0161 fts	0.0077 fts









External Reliability

Station		Ext Rel [fts]	Station	Target
AA7906	Latitude	0.0728	Latitude	AA7906
	Longitude	0.0500	Longitude	AA7906
	Height	0.1104	Height	AA7906
AA7928	Latitude	0.0240	Latitude	AA7928
	Longitude	0.0173	Longitude	AA7928
	Height	0.0407	Height	AA7928
AB3881	Latitude	-0.0467	DZ	AB3881
	Longitude	-0.0391	DX	AB3881
	Height	0.0854	Height	AB3881
ANDES	Latitude	0.0045	DZ	NYON
	Longitude	0.0037	DX	NYON
	Height	0.0072	Height	NYON
BOICEVILLE	Latitude	0.0203	DZ	NYKT
	Longitude	0.0168	DX	NYKT
	Height	-0.0188	DY	NYKT
CLARYVILLE	Latitude	0.0207	DY	NYON
				CLARYVILLE







	Longitude	0.0181	DX	NYON	CLARYVILLE
	Height	-0.0233	DY	NYON	CLARYVILLE
DELHI	Latitude	0.0211	DY	NYON	DELHI
	Longitude	0.0177	DX	NYON	DELHI
	Height	-0.0234	DY	NYON	DELHI
DH3545	Latitude	0.0177	DZ	NYON	DH3545
	Longitude	0.0135	DX	NYON	DH3545
	Height	0.0664	Height	DH3545	-
FLEISHMANN'S	Latitude	0.0218	DZ	MARGARETVILLE	FLEISHMANN'S
	Longitude	0.0182	DX	MARGARETVILLE	FLEISHMANN'S
	Height	-0.0231	DY	MARGARETVILLE	FLEISHMANN'S
HUNTER	Latitude	0.0122	DZ	NYON	HUNTER
	Longitude	0.0100	DX	NYON	HUNTER
	Height	-0.0121	DY	NYON	HUNTER
MARGARETVILLE	Latitude	0.0035	Latitude	NYON	-
	Longitude	0.0026	Longitude	NYON	-
	Height	0.0070	Height	NYON	-
NYCS	Latitude	0.0156	Latitude	NYCS	-
	Longitude	0.0117	Longitude	NYCS	-
	Height	0.0314	Height	NYCS	-
NYHC	Latitude	0.0163	Latitude	NYHC	-
	Longitude	0.0123	Longitude	NYHC	-
	Height	0.0334	Height	NYHC	-
NYHS	Latitude	0.0168	Latitude	NYHS	-
	Longitude	0.0128	Longitude	NYHS	-
	Height	0.0341	Height	NYHS	-
NYKT	Latitude	0.0152	Latitude	NYKT	-
	Longitude	0.0115	Longitude	NYKT	-
	Height	0.0309	Height	NYKT	-
NYON	Latitude	0.0130	Latitude	NYON	-
	Longitude	0.0098	Longitude	NYON	-
	Height	0.0265	Height	NYON	-
PHOENICIA	Latitude	0.0144	DY	NYON	PHOENICIA
	Longitude	0.0125	DX	NYON	PHOENICIA
	Height	-0.0164	DY	NYON	PHOENICIA
SOUTH KORTRIGHT	Latitude	0.0118	DY	NYON	SOUTH KORTRIGHT
	Longitude	0.0102	DX	NYON	SOUTH KORTRIGHT
	Height	-0.0130	DY	NYON	SOUTH KORTRIGHT
STAMFORD	Latitude	0.0118	DZ	NYON	STAMFORD
	Longitude	0.0108	DX	NYON	STAMFORD
	Height	-0.0130	DY	NYON	STAMFORD
SUNDOWN	Latitude	0.0223	DY	NYKT	SUNDOWN
	Longitude	0.0204	DX	NYKT	SUNDOWN
	Height	-0.0242	DY	NYKT	SUNDOWN
WALTON	Latitude	0.0137	DZ	NYON	WALTON
	Longitude	0.0112	DX	NYON	WALTON
	Height	-0.0133	DY	NYON	WALTON

Testing and Estimated Errors





Coordinate Tests

Station		MDB	BNR	W-Test	T-Test
AA7906	Latitude	0.2271 fts	1.9	-0.08	0.61
	Longitude	0.1490 fts	2.0	-1.26	
	Height	0.4825 fts	1.5	-0.48	
AA7928	Latitude	0.0547 fts	2.5	1.29	14.81 
	Longitude	0.0409 fts	2.4	-4.71 	
	Height	0.1343 fts	1.8	-4.62 	
AB3881	Latitude	0.1300 fts	1.9	-0.37	1.17
	Longitude	0.1015 fts	2.0	-1.80	
	Height	0.3739 fts	1.5	0.30	
DH3545	Height	0.0664 fts	999.9	0.00	
NYCS	Latitude	0.0156 fts	999.9	0.00	9.40 
	Longitude	0.0117 fts	999.9	0.00	
	Height	0.0314 fts	999.9	0.00	
NYHC	Latitude	0.0163 fts	999.9	0.00	8.39 
	Longitude	0.0123 fts	999.9	0.00	
	Height	0.0334 fts	999.9	0.00	
NYHS	Latitude	0.0168 fts	999.9	0.00	15.90 
	Longitude	0.0128 fts	999.9	0.00	
	Height	0.0341 fts	999.9	0.00	
NYKT	Latitude	0.0152 fts	999.9	0.00	12.12 
	Longitude	0.0115 fts	999.9	0.00	
	Height	0.0309 fts	999.9	0.00	
NYON	Latitude	0.0130 fts	999.9	0.00	2.14 
	Longitude	0.0098 fts	999.9	0.00	
	Height	0.0265 fts	999.9	0.00	

Observation Tests








	Station	Target	MDB	Red	BNR	W-Test	T-Test
DX	NYHC	NYON	0.0225 fts	99	0.0	-1.87	2.34 
DY			0.0389 fts	99	0.0	0.21	
DZ			0.0348 fts	99	0.0	-0.83	
DX	NYON	NYCS	0.0225 fts	99	0.0	2.72 	3.50 
DY			0.0384 fts	99	0.0	2.15 	
DZ			0.0348 fts	99	0.0	0.03	
DX	NYON	DH3545	0.0652 fts	79	1.5	0.50	0.86
DY			0.1128 fts	90	1.3	-0.93	
DZ			0.0910 fts	85	1.4	0.39	
DX	AA7906	DH3545	0.1798 fts	80	1.5	-0.10	0.10
DY			0.3009 fts	87	1.5	-0.11	
DZ			0.2490 fts	73	1.7	0.30	
DX	NYCS	DH3545	0.0680 fts	81	1.4	-1.09	1.64
DY			0.1116 fts	91	1.1	-1.63	
DZ			0.0987 fts	88	1.2	0.68	
DX	NYHS	NYKT	0.0203 fts	99	0.0	-0.73	3.29 
DY			0.0328 fts	99	0.0	-1.83	
DZ			0.0309 fts	99	0.0	1.06	
DX	NYHS	DH3545	0.0724 fts	83	1.3	0.14	2.07 
DY			0.1163 fts	92	1.1	-1.27	
DZ			0.1069 fts	90	1.1	1.21	




DX	NYKT	DH3545	0.0727 fts	84	1.2	0.93	1.15
DY			0.1199 fts	92	1.1	-0.72	
DZ			0.1044 fts	89	1.1	0.57	
DX	STAMFORD	PHOENICIA	0.1186 fts	90	1.0	-0.18	0.03
DY			0.1939 fts	90	1.0	-0.28	
DZ			0.1532 fts	87	1.1	-0.04	
DX	STAMFORD	CLARYVILLE	0.1104 fts	83	1.2	-0.26	0.04
DY			0.1856 fts	84	1.2	-0.30	
DZ			0.1510 fts	83	1.3	-0.14	
DX	MARGARETVILLE	DELHI	0.0590 fts	76	1.6	0.64	0.15
DY			0.1050 fts	76	1.6	0.00	
DZ			0.0846 fts	75	1.6	-0.17	
DX	SOUTH KORTRIGHT	SUNDOWN	0.1007 fts	82	1.3	-0.15	0.03
DY			0.1727 fts	83	1.3	0.04	
DZ			0.1342 fts	78	1.4	-0.12	
DX	SOUTH KORTRIGHT	FLEISHMANN'S	0.0978 fts	90	0.9	-0.05	0.04
DY			0.1672 fts	89	0.9	0.30	
DZ			0.1461 fts	91	0.9	0.10	
DX	SOUTH KORTRIGHT	BOICEVILLE	0.2331 fts	96	0.5	-0.12	0.01
DY			0.3917 fts	97	0.5	0.07	
DZ			0.3286 fts	95	0.6	0.11	
DX	PHOENICIA	CLARYVILLE	0.0983 fts	78	1.5	-0.08	0.05
DY			0.1677 fts	77	1.5	-0.08	
DZ			0.1319 fts	75	1.6	-0.27	
DX	MARGARETVILLE	WALTON	0.0562 fts	82	1.3	0.52	0.42
DY			0.0892 fts	82	1.3	-0.33	
DZ			0.0905 fts	82	1.3	0.46	
DX	MARGARETVILLE	STAMFORD	0.0765 fts	86	1.1	-0.06	0.09
DY			0.1206 fts	86	1.1	0.12	
DZ			0.1102 fts	86	1.1	-0.23	
DX	MARGARETVILLE	SOUTH KORTRIGHT	0.0729 fts	86	1.1	-0.39	0.23
DY			0.1257 fts	86	1.1	-0.78	
DZ			0.1035 fts	86	1.1	-0.45	
DX	MARGARETVILLE	PHOENICIA	0.0774 fts	84	1.2	-0.19	0.06
DY			0.1343 fts	84	1.2	-0.10	
DZ			0.1076 fts	83	1.2	-0.28	
DX	MARGARETVILLE	HUNTER	0.0587 fts	82	1.3	0.07	0.04
DY			0.0948 fts	82	1.3	0.02	
DZ			0.0933 fts	82	1.3	0.27	
DX	MARGARETVILLE	FLEISHMANN'S	0.0363 fts	43	3.2	-0.66	0.61
DY			0.0627 fts	43	3.2	-1.24	
DZ			0.0572 fts	45	3.1	-0.55	
DX	AA7906	MARGARETVILLE	0.1570 fts	76	1.8	-0.66	0.23
DY			0.2435 fts	69	1.9	-0.17	
DZ			0.2341 fts	70	1.9	-0.39	
DX	MARGARETVILLE	BOICEVILLE	0.0883 fts	82	1.3	-0.28	0.11
DY			0.1261 fts	81	1.3	0.05	
DZ			0.1394 fts	82	1.3	-0.24	
DX	HUNTER	WALTON	0.0650 fts	76	1.6	0.35	0.18
DY			0.1037 fts	76	1.6	-0.27	

DZ			0.1027 fts	75	1.6	0.19	
DX	FLEISHMANN'S	SUNDOWN	0.1193 fts	90	1.0	-0.07	0.02
DY			0.2018 fts	88	1.0	-0.10	
DZ			0.1604 fts	87	1.1	0.13	
DX	ANDES	WALTON	0.0788 fts	90	0.9	0.33	0.25
DY			0.1265 fts	90	0.9	-0.51	
DZ			0.1267 fts	90	0.9	0.00	
DX	ANDES	STAMFORD	0.0922 fts	90	0.9	-0.48	0.10
DY			0.1499 fts	91	0.9	-0.01	
DZ			0.1316 fts	90	0.9	-0.01	
DX	ANDES	SOUTH KORTRIGHT	0.0856 fts	90	0.9	-0.18	0.10
DY			0.1495 fts	90	0.9	-0.19	
DZ			0.1213 fts	89	1.0	-0.42	
DX	ANDES	PHOENICIA	0.0948 fts	89	1.0	-0.63	0.22
DY			0.1677 fts	89	0.9	-0.07	
DZ			0.1318 fts	88	1.0	-0.13	
DX	ANDES	HUNTER	0.0819 fts	90	0.9	0.09	0.04
DY			0.1360 fts	91	0.9	-0.27	
DZ			0.1293 fts	90	0.9	-0.21	
DX	ANDES	FLEISHMANN'S	0.0841 fts	93	0.7	-0.34	0.07
DY			0.1504 fts	94	0.7	0.00	
DZ			0.1331 fts	93	0.7	-0.07	
DX	ANDES	DELHI	0.0870 fts	90	1.0	-0.90	0.28
DY			0.1536 fts	90	1.0	-0.16	
DZ			0.1206 fts	89	1.0	0.16	
DX	ANDES	BOICEVILLE	0.0943 fts	83	1.2	-0.41	0.23
DY			0.1415 fts	86	1.2	0.14	
DZ			0.1480 fts	84	1.2	-0.29	
DX	AA7928	WALTON	0.1400 fts	95	0.6	-0.34	0.04
DY			0.2301 fts	95	0.6	-0.12	
DZ			0.2067 fts	94	0.7	0.00	
DX	AA7928	MARGARETVILLE	0.0424 fts	61	2.2	-2.80	 4.54 
DY			0.0778 fts	63	2.0	0.31	
DZ			0.0679 fts	57	2.3	-0.48	
DX	AA7928	HUNTER	0.1439 fts	95	0.6	-0.85	0.26
DY			0.2459 fts	95	0.6	-0.12	
DZ			0.2177 fts	94	0.6	-0.03	
DX	AA7928	ANDES	0.0504 fts	74	1.6	-2.40	 2.99 
DY			0.0974 fts	79	1.4	0.62	
DZ			0.0798 fts	72	1.7	0.13	
DX	NYON	WALTON	0.0484 fts	76	1.6	0.12	0.23
DY			0.0768 fts	75	1.6	0.71	
DZ			0.0778 fts	76	1.6	0.05	
DX	NYON	STAMFORD	0.0693 fts	83	1.2	-0.34	0.27
DY			0.1092 fts	83	1.2	0.67	
DZ			0.0997 fts	84	1.2	0.43	
DX	NYON	SOUTH KORTRIGHT	0.0642 fts	83	1.2	-0.35	0.31
DY			0.1108 fts	83	1.2	0.71	
DZ			0.0908 fts	83	1.2	0.27	
DX	NYON	PHOENICIA	0.0718 fts	81	1.3	-0.31	0.31
DY			0.1247 fts	81	1.3	0.76	
DZ			0.0998 fts	82	1.3	0.51	

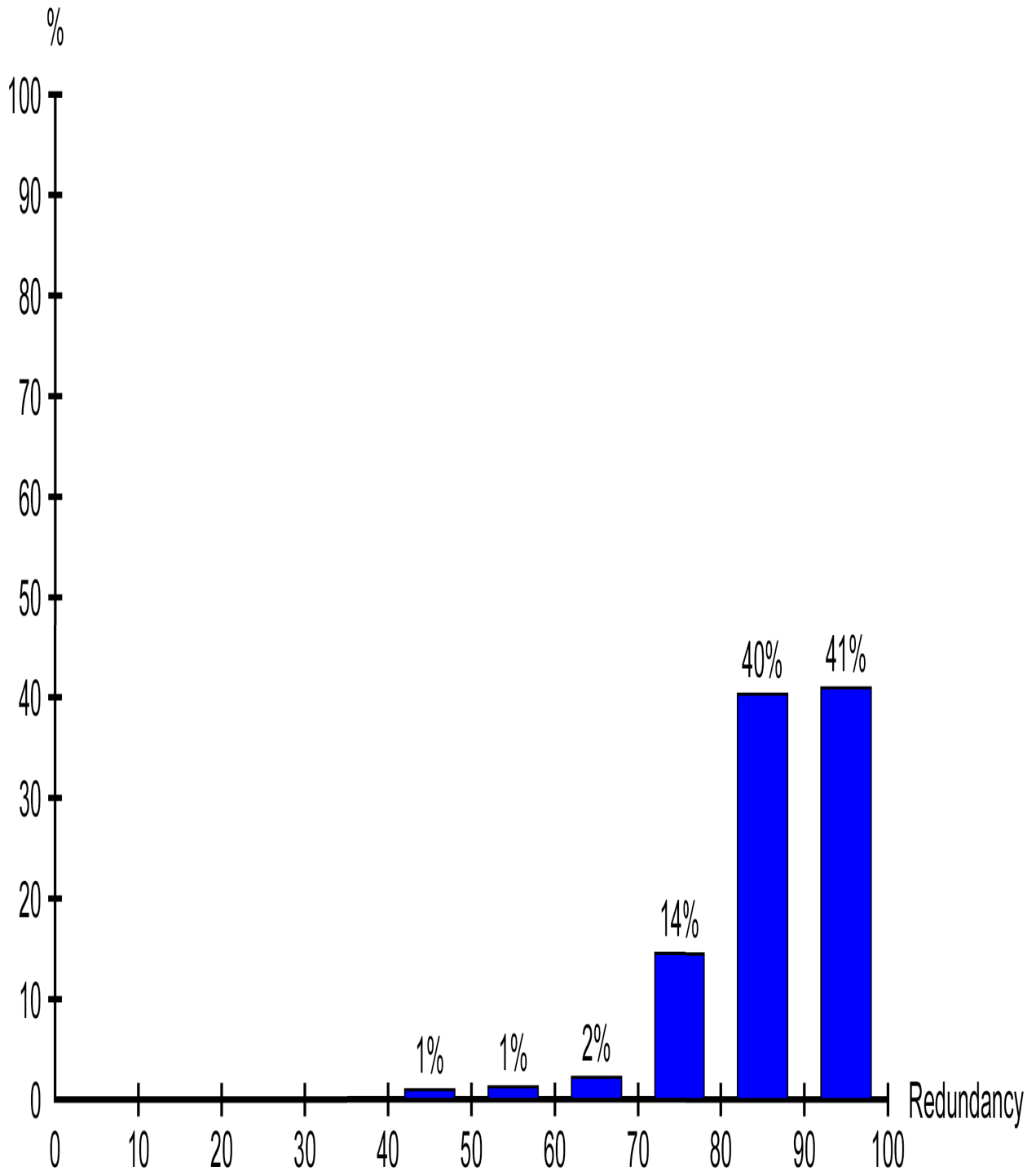
DX	NYON	HUNTER	0.0553 fts	81	1.3	-0.99	0.95
DY			0.0892 fts	81	1.3	0.34	
DZ			0.0877 fts	81	1.3	-0.56	
DX	NYON	FLEISHMANNNS	0.0623 fts	90	0.9	-0.09	0.42
DY			0.1077 fts	90	0.9	1.07	
DZ			0.0988 fts	90	0.9	0.50	
DX	NYON	DELHI	0.0513 fts	64	2.1	0.75	0.25
DY			0.0914 fts	64	2.1	0.34	
DZ			0.0735 fts	64	2.1	0.21	
DX	NYON	CLARYVILLE	0.0810 fts	76	1.5	-0.52	0.38
DY			0.1392 fts	76	1.5	0.64	
DZ			0.1120 fts	77	1.5	0.30	
DX	NYCS	WALTON	0.0523 fts	80	1.4	-0.66	0.24
DY			0.0829 fts	80	1.4	0.19	
DZ			0.0842 fts	80	1.4	0.13	
DX	NYCS	STAMFORD	0.0712 fts	84	1.2	-0.77	0.28
DY			0.1122 fts	84	1.2	-0.26	
DZ			0.1025 fts	85	1.2	-0.25	
DX	NYCS	SOUTH KORTRIGHT	0.0690 fts	86	1.1	-0.62	0.23
DY			0.1192 fts	86	1.1	0.35	
DZ			0.0977 fts	86	1.1	0.33	
DX	NYCS	PHOENICIA	0.0775 fts	84	1.2	-0.92	0.50
DY			0.1346 fts	85	1.2	-0.22	
DZ			0.1077 fts	85	1.2	-0.35	
DX	NYCS	HUNTER	0.0591 fts	84	1.2	-1.54	1.05
DY			0.0954 fts	84	1.2	-0.03	
DZ			0.0939 fts	84	1.2	-0.21	
DX	NYCS	FLEISHMANNNS	0.0663 fts	91	0.8	-0.42	0.29
DY			0.1147 fts	91	0.8	0.69	
DZ			0.1052 fts	92	0.8	0.32	
DX	NYCS	DELHI	0.0673 fts	84	1.2	-0.72	0.78
DY			0.1201 fts	84	1.2	-1.48	
DZ			0.0965 fts	84	1.2	-0.56	
DX	NYCS	BOICEVILLE	0.0819 fts	79	1.4	-0.96	0.40
DY			0.1170 fts	78	1.4	0.10	
DZ			0.1294 fts	79	1.4	0.23	
DX	NYHS	SUNDOWN	0.0788 fts	76	1.6	1.12	0.58
DY			0.1262 fts	76	1.6	0.10	
DZ			0.1099 fts	77	1.5	0.13	
DX	NYHS	STAMFORD	0.0752 fts	86	1.1	1.07	1.08
DY			0.1184 fts	86	1.1	-0.84	
DZ			0.1082 fts	87	1.1	-0.39	
DX	NYHS	SOUTH KORTRIGHT	0.0734 fts	88	1.0	1.50	0.95
DY			0.1267 fts	88	1.0	-0.08	
DZ			0.1039 fts	88	1.0	-0.26	
DX	NYHS	PHOENICIA	0.0812 fts	86	1.1	0.91	0.56
DY			0.1408 fts	86	1.1	-0.41	
DZ			0.1127 fts	86	1.1	-0.25	
DX	NYHS	HUNTER	0.0635 fts	86	1.1	1.54	1.88
DY			0.1025 fts	86	1.1	-0.43	
DZ			0.1009 fts	86	1.1	0.64	
DX	NYHS	FLEISHMANNNS	0.0741 fts	93	0.7	1.69	1.11

DY			0.1282 fts	93	0.7	-0.24	
DZ			0.1175 fts	93	0.7	-0.47	
DX	NYHS	CLARYVILLE	0.0938 fts	84	1.2	0.87	0.56
DY			0.1612 fts	84	1.2	-0.63	
DZ			0.1298 fts	84	1.2	-0.50	
DX	NYHS	BOICEVILLE	0.0816 fts	79	1.4	0.77	0.57
DY			0.1165 fts	78	1.4	-0.30	
DZ			0.1289 fts	79	1.4	0.25	
DX	NYKT	SUNDOWN	0.0741 fts	71	1.8	1.01	0.35
DY			0.1188 fts	71	1.8	0.44	
DZ			0.1032 fts	72	1.7	0.04	
DX	NYKT	STAMFORD	0.0797 fts	88	1.0	1.13	0.79
DY			0.1254 fts	88	1.0	-0.35	
DZ			0.1147 fts	88	1.0	-0.11	
DX	NYKT	SOUTH KORTRIGHT	0.0722 fts	87	1.1	1.22	0.55
DY			0.1247 fts	87	1.1	0.26	
DZ			0.1022 fts	87	1.1	-0.07	
DX	NYKT	PHOENICIA	0.0774 fts	84	1.2	1.13	0.73
DY			0.1346 fts	85	1.2	0.07	
DZ			0.1076 fts	85	1.2	0.23	
DX	NYKT	HUNTER	0.0623 fts	86	1.1	1.78	1.43
DY			0.1005 fts	85	1.1	0.03	
DZ			0.0990 fts	86	1.1	0.29	
DX	NYKT	FLEISHMANN'S	0.0714 fts	92	0.8	1.39	0.78
DY			0.1234 fts	93	0.8	0.06	
DZ			0.1132 fts	93	0.8	-0.09	
DX	NYKT	CLARYVILLE	0.0890 fts	81	1.3	1.03	0.57
DY			0.1530 fts	82	1.3	-0.23	
DZ			0.1231 fts	82	1.3	-0.13	
DX	NYKT	BOICEVILLE	0.0800 fts	78	1.5	0.75	0.25
DY			0.1143 fts	77	1.5	-0.05	
DZ			0.1263 fts	78	1.5	-0.02	
DX	STAMFORD	BOICEVILLE	0.1689 fts	93	0.7	0.15	0.02
DY			0.2330 fts	92	0.8	0.14	
DZ			0.2719 fts	95	0.7	-0.04	
DX	NYHC	SUNDOWN	0.0752 fts	72	1.7	-1.94	1.42
DY			0.1206 fts	72	1.7	-0.51	
DZ			0.1049 fts	73	1.7	-0.16	
DX	NYHC	STAMFORD	0.0854 fts	89	0.9	-0.82	0.36
DY			0.1344 fts	89	0.9	0.35	
DZ			0.1229 fts	90	0.9	0.44	
DX	NYHC	SOUTH KORTRIGHT	0.0738 fts	88	1.0	-1.34	0.61
DY			0.1275 fts	88	1.0	-0.13	
DZ			0.1045 fts	88	1.0	0.49	
DX	NYHC	FLEISHMANN'S	0.0741 fts	93	0.7	-0.92	0.39
DY			0.1281 fts	93	0.7	0.38	
DZ			0.1175 fts	93	0.7	0.82	
DX	NYHC	DELHI	0.0646 fts	82	1.3	-0.29	0.65
DY			0.1152 fts	82	1.3	1.11	
DZ			0.0926 fts	82	1.3	0.34	
DX	NYHC	CLARYVILLE	0.0883 fts	81	1.3	-0.98	0.50
DY			0.1518 fts	81	1.3	0.45	

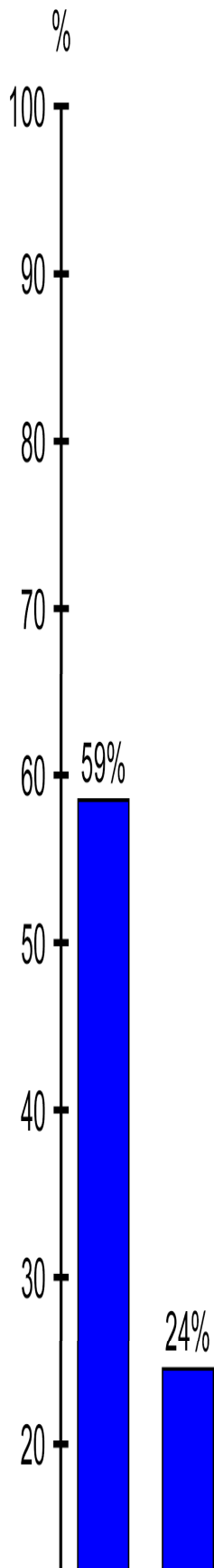
DZ			0.1221 fts	81	1.3	0.63		
DX	AB3881	MARGARETVILLE	0.1005 fts	58	2.3	-1.19	0.48	
DY			0.1578 fts	52	2.5	-0.51		
DZ			0.1521 fts	57	2.4	-0.03		
DX	AB3881	ANDES	0.1134 fts	72	1.7	-0.52	0.23	
DY			0.1804 fts	76	1.7	-0.71		
DZ			0.1645 fts	66	1.9	-0.23		
DX	DH3545	MARGARETVILLE	0.0755 fts	84	1.2	-0.38	0.55	
DY			0.1260 fts	92	1.0	0.14		
DZ			0.1097 fts	89	1.1	-0.91		
DX	DH3545	ANDES	0.0969 fts	90	0.9	-0.08	0.12	
DY			0.1666 fts	95	0.8	0.18		
DZ			0.1423 fts	93	0.8	-0.38		
DX	AA7906	ANDES	0.1617 fts	77	1.6	-0.58	0.13	
DY			0.2592 fts	74	1.7	-0.16		
DZ			0.2460 fts	73	1.7	-0.11		
DX	NYHC	WALTON	0.0518 fts	80	1.4	-0.32	0.29	
DY			0.0822 fts	80	1.4	-0.05		
DZ			0.0835 fts	80	1.4	-0.76		
DX	NYCS	MARGARETVILLE	0.0311 fts	93	0.7	-2.28	2.65	
DY			0.0518 fts	93	0.7	-2.23		
DZ			0.0478 fts	93	0.7	-0.42		
DX	NYCS	MARGARETVILLE	0.0268 fts	91	0.9	-1.93	1.92	
DY			0.0444 fts	91	0.9	0.69		
DZ			0.0416 fts	91	0.9	0.54		
DX	NYHS	MARGARETVILLE	0.0331 fts	94	0.7	0.81	2.36	
DY			0.0544 fts	94	0.7	-1.71		
DZ			0.0512 fts	94	0.7	-0.12		
DX	NYHS	MARGARETVILLE	0.0290 fts	92	0.8	3.96	8.02	
DY			0.0480 fts	92	0.8	-0.32		
DZ			0.0450 fts	92	0.8	0.66		
DX	NYKT	MARGARETVILLE	0.0277 fts	91	0.8	1.50	1.33	
DY			0.0462 fts	92	0.8	-0.55		
DZ			0.0427 fts	91	0.8	-1.31		
DX	NYKT	MARGARETVILLE	0.0290 fts	92	0.8	4.08	6.85	
DY			0.0480 fts	92	0.8	0.52		
DZ			0.0450 fts	92	0.8	0.68		
DX	NYHC	MARGARETVILLE	0.0323 fts	94	0.7	-1.37	1.61	
DY			0.0533 fts	94	0.7	-0.24		
DZ			0.0498 fts	94	0.7	-1.18		
DX	NYHC	MARGARETVILLE	0.0281 fts	92	0.8	-1.91	1.77	
DY			0.0466 fts	92	0.8	0.50		
DZ			0.0436 fts	92	0.8	0.32		
DX	ANDES	MARGARETVILLE	0.0418 fts	89	0.9	0.93	0.57	
DY			0.0722 fts	90	0.9	0.04		
DZ			0.0688 fts	90	0.9	0.63		
DX	ANDES	MARGARETVILLE	0.0526 fts	94	0.7	-0.23	0.31	
DY			0.0846 fts	93	0.8	-0.52		
DZ			0.0780 fts	94	0.8	0.27		
DX	NYON	MARGARETVILLE	0.0249 fts	89	0.9	-0.26	0.15	
DY			0.0423 fts	90	0.9	-0.60		
DZ			0.0380 fts	89	1.0	-0.54		
DX	NYON	MARGARETVILLE	0.0242 fts	89	1.0	-0.69	2.22	

DY			0.0401 fts	88	1.0	2.01		
DZ			0.0375 fts	89	1.0	0.73		
DX	NYON	ANDES	0.0488 fts	94	0.7	0.37		0.33
DY			0.0915 fts	95	0.6	-0.67		
DZ			0.0770 fts	94	0.7	-0.10		
DX	NYON	ANDES	0.0604 fts	96	0.5	0.19		0.20
DY			0.0979 fts	96	0.6	-0.62		
DZ			0.0894 fts	96	0.6	-0.30		
DX	NYON	ANDES	0.0347 fts	88	1.0	-0.02		0.69
DY			0.0603 fts	88	1.0	1.37		
DZ			0.0539 fts	88	1.0	0.74		
DX	NYCS	ANDES	0.0532 fts	95	0.6	-1.08		1.00
DY			0.0928 fts	95	0.6	-1.53		
DZ			0.0874 fts	95	0.6	-0.20		
DX	NYCS	ANDES	0.0719 fts	97	0.4	-0.46		1.02
DY			0.1168 fts	97	0.5	-1.60		
DZ			0.1064 fts	97	0.5	-0.54		
DX	NYCS	ANDES	0.0374 fts	90	0.9	-0.97		0.53
DY			0.0649 fts	90	0.9	0.49		
DZ			0.0580 fts	90	0.9	0.56		
DX	NYKT	ANDES	0.0572 fts	96	0.6	0.92		0.37
DY			0.0997 fts	96	0.6	-0.12		
DZ			0.0941 fts	96	0.5	-0.20		
DX	NYKT	ANDES	0.0644 fts	97	0.5	1.04		0.90
DY			0.1048 fts	96	0.5	-0.95		
DZ			0.0951 fts	97	0.5	-0.99		
DX	NYKT	ANDES	0.0371 fts	90	0.9	3.76		5.67 
DY			0.0645 fts	90	0.9	0.74		
DZ			0.0576 fts	90	0.9	0.75		
DX	NYHC	ANDES	0.0533 fts	95	0.6	-0.29		0.31
DY			0.0930 fts	95	0.6	-0.85		
DZ			0.0878 fts	95	0.6	-0.82		
DX	NYHC	ANDES	0.0732 fts	97	0.4	-0.58		0.26
DY			0.1186 fts	97	0.5	-0.07		
DZ			0.1082 fts	97	0.5	-0.34		
DX	NYHC	ANDES	0.0372 fts	90	0.9	-1.13		0.60
DY			0.0647 fts	90	0.9	0.37		
DZ			0.0578 fts	90	0.9	0.50		

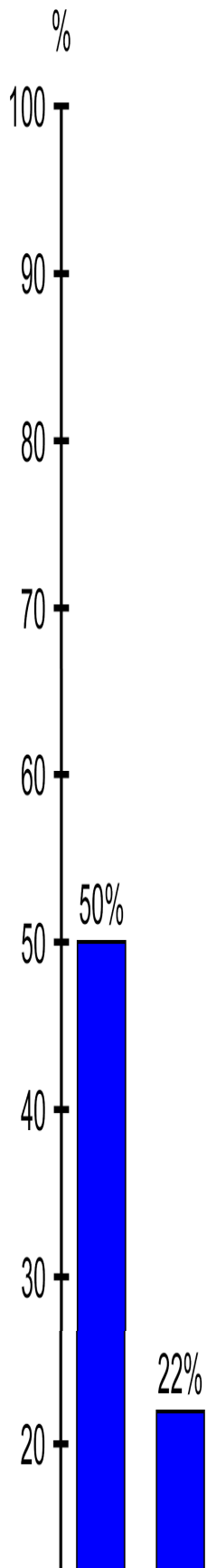
Redundancy:



W-Test:



T-Test (3-dimensional):



Estimated Errors (Coordinates)**Estimated Errors For Coordinates With Rejected W-Tests (max 10)**

Station		W-Test	Fact	Est err
AA7928	Longitude	-4.71	2.4	-0.0687 fts
AA7928	Height	-4.62	2.4	-0.2217 fts

Estimated Errors For Stations With Rejected T-Tests (max 10)

Station		T-Test	Fact	Est err
AA7928	Latitude	14.81	2.8	0.0237 fts
	Longitude			-0.0665 fts
	Height			-0.2224 fts
NYCS	Latitude	9.40	2.2	-0.0001 fts
	Longitude			-0.0222 fts
	Height			0.0063 fts
NYHC	Latitude	8.39	2.1	0.0065 fts
	Longitude			-0.0162 fts
	Height			-0.0384 fts
NYHS	Latitude	15.90	2.9	-0.0135 fts
	Longitude			0.0114 fts
	Height			0.0759 fts
NYKT	Latitude	12.12	2.5	-0.0083 fts
	Longitude			0.0235 fts
	Height			0.0128 fts
NYON	Latitude	2.14	1.1	0.0071 fts
	Longitude			0.0067 fts
	Height			-0.0097 fts

**GPS NETWORK ADJUSTMENT REPORT AZIMUTH PAIR
(MINIMALLY CONSTRAINED)**

Network Adjustment

www.MOVE3.com

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Licensed to Leica Geosystems AG

Created: 10/02/2013 17:21:49


Project Information

Project name: Azimuth Pairs GPS Control
 Date created: 09/17/2013 09:04:14
 Time zone: -5h 00'
 Coordinate system name: NJNYEast (GRS80) Geoid09
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

General Information

Adjustment

Type: Minimally constrained
 Dimension: 3D
 Coordinate system: WGS 1984
 Height mode: Ellipsoidal

Number of iterations: 2
 Maximum coord correction in last iteration: 0.0000 fts  (tolerance is met)

Stations

Number of (partly) known stations: 1
 Number of unknown stations: 132
 Total: 133

Observations

GPS coordinate differences: 1635 (545 baselines)
 Known coordinates: 3
 Total: 1638


Unknowns

Coordinates: 399
 Total: 399

Degrees of freedom: 1239

Testing

Alfa (multi dimensional): 0.7537
 Alfa 0 (one dimensional): 5.0 %
 Beta: 80.0 %
 Sigma a-priori (GPS): 10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.97	
F-test:	1.89	 (rejected)

Results based on a-posteriori variance factor

Input data

Approximate Coordinates

Station	Latitude	Longitude	Height [fts]
ANDES	42° 11' 06.75397" N	74° 48' 02.96043" W	1718.0196
ASH AZ 11 NEW	42° 06' 53.22695" N	74° 21' 49.77685" W	881.2663
ASH AZ 6 NEW	42° 07' 48.54837" N	74° 28' 33.44018" W	1348.9799
ASH AZ-1	42° 02' 42.93017" N	74° 26' 46.66194" W	1474.5968
ASH AZ-10	42° 09' 08.37261" N	74° 24' 48.00756" W	1325.6954
ASH AZ-11 OLD	42° 06' 54.35875" N	74° 21' 58.11306" W	882.3799
ASH AZ-12 NEW	42° 06' 48.75606" N	74° 21' 37.52786" W	873.1629
ASH AZ-12 OLD	42° 06' 53.27011" N	74° 21' 49.12300" W	878.2151
ASH AZ-13	42° 07' 48.46585" N	74° 15' 36.86865" W	1243.3730
ASH AZ-14	42° 07' 45.42029" N	74° 15' 47.54513" W	1219.1493
ASH AZ-15	42° 06' 03.83022" N	74° 18' 04.46183" W	933.9434
ASH AZ-16	42° 06' 05.29377" N	74° 17' 56.85952" W	952.1730
ASH AZ-17	42° 04' 58.27750" N	74° 18' 56.95928" W	721.5359
ASH AZ-18	42° 04' 52.88686" N	74° 19' 02.27568" W	728.0988
ASH AZ-19	42° 04' 03.86847" N	74° 18' 27.66971" W	662.1961
ASH AZ-2	42° 02' 48.29653" N	74° 26' 51.19293" W	1456.9395
ASH AZ-20	42° 03' 58.58414" N	74° 18' 29.33185" W	659.8435
ASH AZ-21 OLD	42° 04' 26.83923" N	74° 13' 23.59344" W	956.2327
ASH AZ-22 OLD	42° 04' 19.43071" N	74° 13' 29.22553" W	941.4821
ASH AZ-23	42° 04' 01.80367" N	74° 11' 07.04367" W	1011.8250
ASH AZ-24	42° 04' 04.69566" N	74° 11' 19.50931" W	1024.3415
ASH AZ-25 NEW	42° 01' 59.09582" N	74° 16' 30.82907" W	583.6335
ASH AZ-25 OLD	42° 01' 59.25933" N	74° 16' 30.75769" W	584.2766
ASH AZ-26 NEW	42° 02' 21.24705" N	74° 16' 42.99645" W	588.1176
ASH AZ-26 OLD	42° 02' 04.07669" N	74° 16' 33.26676" W	586.0914
ASH AZ-27	42° 00' 19.63105" N	74° 15' 59.12982" W	522.7312
ASH AZ-28	42° 00' 27.99228" N	74° 16' 01.36252" W	540.5412
ASH AZ-29 NEW	41° 58' 00.64806" N	74° 17' 12.08019" W	572.8065
ASH AZ-29 OLD	41° 58' 17.31017" N	74° 16' 38.04472" W	519.2722
ASH AZ-3	42° 06' 12.18345" N	74° 26' 42.14436" W	1117.0298
ASH AZ-30 NEW	41° 58' 02.08852" N	74° 17' 13.79689" W	573.2135
ASH AZ-30 OLD	41° 58' 09.94745" N	74° 16' 37.59758" W	516.7749
ASH AZ-4	42° 06' 10.30187" N	74° 26' 35.49350" W	1113.5157
ASH AZ-5 NEW	42° 07' 46.11073" N	74° 28' 27.10327" W	1384.6168
ASH AZ-5 OLD	42° 08' 02.95335" N	74° 28' 39.52530" W	1394.7248
ASH AZ-6 OLD	42° 07' 58.73597" N	74° 28' 35.32800" W	1387.6150
ASH AZ-7	42° 07' 23.23709" N	74° 24' 00.31491" W	989.4418
ASH AZ-8	42° 07' 16.18279" N	74° 23' 54.50074" W	969.1264
ASH AZ-9	42° 09' 01.60366" N	74° 24' 46.24292" W	1297.7881

BOICEVILLE	42° 00' 19.49179" N	74° 15' 59.29628" W	523.3431
CLARYVILLE	41° 54' 58.11796" N	74° 34' 22.10447" W	1518.2482
D309 RESET 1995	42° 16' 23.48353" N	74° 55' 19.12174" W	1280.9862
DELHI	42° 16' 19.29117" N	74° 55' 36.38546" W	1456.7647
EBDR AZ 7 NEW	42° 08' 54.22974" N	74° 41' 41.86218" W	1280.0102
EBDR AZ-1	42° 09' 45.13843" N	74° 47' 49.36549" W	1421.2668
EBDR AZ-10	42° 08' 53.71124" N	74° 38' 45.80496" W	1218.8500
EBDR AZ-11	42° 08' 48.46451" N	74° 37' 24.72448" W	1255.6816
EBDR AZ-12	42° 08' 48.91474" N	74° 37' 34.16992" W	1272.1568
EBDR AZ-13 NEW	42° 09' 41.08652" N	74° 37' 20.11440" W	1247.8111
EBDR AZ-13 OLD	42° 09' 20.08572" N	74° 37' 12.14315" W	1268.5958
EBDR AZ-14 NEW	42° 09' 41.11050" N	74° 37' 13.33067" W	1246.5751
EBDR AZ-14 OLD	42° 09' 12.09154" N	74° 37' 11.94670" W	1262.8110
EBDR AZ-15	42° 11' 05.73239" N	74° 35' 54.92852" W	1285.9837
EBDR AZ-16 NEW	42° 11' 14.74983" N	74° 35' 54.58446" W	1289.7220
EBDR AZ-16 OLD	42° 11' 14.65737" N	74° 35' 54.55695" W	1289.4507
EBDR AZ-17	42° 12' 32.32830" N	74° 35' 53.23798" W	1409.7293
EBDR AZ-18	42° 12' 34.54670" N	74° 35' 45.11235" W	1425.1323
EBDR AZ-19	42° 12' 42.60158" N	74° 34' 00.64007" W	1588.4889
EBDR AZ-2	42° 09' 48.88054" N	74° 47' 44.55514" W	1465.0955
EBDR AZ-20	42° 12' 41.58793" N	74° 34' 11.08563" W	1528.8280
EBDR AZ-21	42° 17' 19.61795" N	74° 33' 53.01720" W	1376.7103
EBDR AZ-22	42° 17' 25.81004" N	74° 33' 49.12749" W	1379.3250
EBDR AZ-23	42° 07' 51.52719" N	74° 34' 43.54567" W	1403.2870
EBDR AZ-24	42° 07' 47.82705" N	74° 34' 34.36433" W	1420.0983
EBDR AZ-25 NEW	42° 09' 33.90497" N	74° 33' 19.80873" W	1358.5718
EBDR AZ-25 OLD	42° 09' 33.43196" N	74° 33' 18.53065" W	1357.6978
EBDR AZ-26	42° 09' 35.60268" N	74° 33' 25.50410" W	1355.8037
EBDR AZ-27	42° 09' 19.89722" N	74° 32' 07.92730" W	1391.2423
EBDR AZ-28	42° 09' 20.02651" N	74° 32' 00.79075" W	1398.6672
EBDR AZ-3	42° 11' 08.82864" N	74° 47' 16.15062" W	1488.5373
EBDR AZ-4	42° 11' 17.57946" N	74° 47' 13.39457" W	1495.6591
EBDR AZ-5	42° 07' 38.27410" N	74° 41' 26.70229" W	1223.5469
EBDR AZ-6	42° 07' 41.33595" N	74° 41' 33.98311" W	1227.1394
EBDR AZ-7 OLD	42° 08' 53.54146" N	74° 41' 42.63295" W	1278.2225
EBDR AZ-8	42° 08' 58.13196" N	74° 41' 37.59439" W	1293.3221
EBDR AZ-9	42° 08' 57.37484" N	74° 38' 40.40473" W	1228.9577
FLEISCHMANN'S 2	42° 09' 25.63489" N	74° 32' 44.49258" W	1412.8142
MARGARETVILLE	42° 08' 55.47282" N	74° 38' 42.75589" W	1220.2711
NEV AZ-1	41° 55' 12.86251" N	74° 34' 26.56373" W	1540.0565
NEV AZ-2	41° 55' 06.42641" N	74° 34' 19.61519" W	1527.0706
NEV AZ-3	41° 55' 34.07977" N	74° 33' 12.17560" W	1596.4562
NEV AZ-4	41° 55' 32.20705" N	74° 33' 21.29616" W	1588.7073
NYCS	42° 40' 02.83667" N	74° 29' 10.94851" W	888.0527
NYHC	41° 57' 29.98185" N	75° 17' 33.87629" W	855.3675
NYHS	42° 15' 08.35963" N	73° 45' 27.16055" W	72.4080
NYKT	41° 56' 12.97178" N	74° 01' 52.21841" W	99.5897
NYON	42° 26' 24.81517" N	75° 06' 42.50851" W	1007.4455
NYS DOT 8-U-047	42° 04' 26.89237" N	74° 13' 23.49802" W	956.8757
PHOENICIA	42° 04' 52.66987" N	74° 19' 03.41509" W	737.0649
ROND AZ-1	41° 53' 19.47285" N	74° 27' 51.35462" W	891.9241

Known in Position and
Height

ROND AZ-2	41° 53' 17.00075" N	74° 27' 44.26722" W	912.9100
ROND AZ-3	41° 51' 32.44370" N	74° 34' 46.77245" W	1055.2150
ROND AZ-4	41° 51' 33.08910" N	74° 34' 36.96792" W	1040.2045
ROND AZ-5	41° 50' 45.78857" N	74° 32' 39.46350" W	811.5215
ROND AZ-6	41° 50' 38.91133" N	74° 32' 40.77152" W	821.5569
ROND AZ-7	41° 51' 31.69251" N	74° 30' 41.58097" W	763.8009
ROND AZ-8	41° 51' 38.14095" N	74° 30' 35.04349" W	755.8987
SHANDAKEN	42° 06' 58.89216" N	74° 22' 14.64413" W	895.4744
SOUTH			
KORTRIGHT	42° 20' 32.04395" N	74° 43' 05.30688" W	1421.3608
SUNDOWN	41° 51' 11.56247" N	74° 30' 48.43620" W	757.4956
U279 RESET			
1973	42° 04' 16.10977" N	74° 13' 30.47581" W	947.4874
WALTON	42° 10' 02.90523" N	75° 07' 59.75080" W	1108.4625
WBDR AZ-1	42° 09' 19.07342" N	75° 09' 49.29915" W	1111.2118
WBDR AZ-10	42° 10' 47.31727" N	75° 06' 39.78750" W	1176.5384
WBDR AZ-11	42° 15' 25.48819" N	75° 03' 01.60080" W	1530.8995
WBDR AZ-12	42° 15' 38.81567" N	75° 03' 07.01640" W	1553.5161
WBDR AZ-13	42° 11' 21.43873" N	74° 59' 50.63822" W	1185.4553
WBDR AZ-14	42° 11' 14.40066" N	74° 59' 45.30032" W	1167.0446
WBDR AZ-15	42° 12' 29.05461" N	74° 58' 33.06012" W	1192.1149
WBDR AZ-16			
NEW	42° 12' 32.73610" N	74° 58' 50.01460" W	1208.6500
WBDR AZ-16 OLD	42° 12' 34.53427" N	74° 58' 38.33685" W	1185.8010
WBDR AZ-17	42° 15' 38.98849" N	74° 47' 22.24795" W	1557.9261
WBDR AZ-18	42° 15' 34.37142" N	74° 47' 28.96614" W	1538.8436
WBDR AZ-19 OLD	42° 16' 24.02302" N	74° 55' 19.13742" W	1278.7948
WBDR AZ-2	42° 09' 22.82295" N	75° 09' 36.42191" W	1095.5919
WBDR AZ-20	42° 16' 13.33419" N	74° 55' 16.79152" W	1260.5983
WBDR AZ-21	42° 16' 46.10842" N	74° 54' 38.92609" W	1264.6524
WBDR AZ-22	42° 16' 41.83283" N	74° 54' 43.99886" W	1266.7376
WBDR AZ-23	42° 19' 02.50294" N	74° 49' 34.96295" W	1311.3709
WBDR AZ-24	42° 19' 05.48073" N	74° 49' 22.25435" W	1330.3745
WBDR AZ-25	42° 20' 39.72593" N	74° 43' 20.56306" W	1414.8263
WBDR AZ-26	42° 20' 38.10173" N	74° 43' 11.28769" W	1414.4796
WBDR AZ-27	42° 22' 14.76490" N	74° 40' 19.57706" W	1522.5807
WBDR AZ-28	42° 22' 16.89511" N	74° 40' 11.55290" W	1532.5706
WBDR AZ-29	42° 24' 08.04984" N	74° 37' 38.76803" W	1641.4695
WBDR AZ-3	42° 10' 10.13320" N	75° 08' 03.72122" W	1112.2934
WBDR AZ-30	42° 24' 13.72408" N	74° 37' 42.38248" W	1672.9536
WBDR AZ-4	42° 10' 14.90333" N	75° 07' 59.96095" W	1109.6640
WBDR AZ-5	42° 11' 37.14798" N	75° 09' 18.23294" W	1433.1326
WBDR AZ-6	42° 11' 45.13322" N	75° 09' 25.65767" W	1407.3254
WBDR AZ-7	42° 12' 12.51592" N	75° 07' 10.84221" W	1219.5057
WBDR AZ-8	42° 12' 22.12969" N	75° 07' 06.34928" W	1243.7190
WBDR AZ-9	42° 10' 44.48471" N	75° 06' 45.44642" W	1177.9583

Observations

	Station	Target	St. ih	Tg. ih	Reading
DX	NYSDOT 8-U-047	U279 RESET 1973			-309.5311 fts
DY					-840.1896 fts
DZ					-816.5859 fts

DX	SHANDAKEN	ASH AZ-12 NEW	2875.0320 fts
DY			107.2332 fts
DZ			-776.0932 fts
DX	SHANDAKEN	ASH AZ-11 OLD	1280.2015 fts
DY			48.6974 fts
DZ			-349.1992 fts
DX	ASH AZ-7	ASH AZ-8	546.7967 fts
DY			-328.9669 fts
DZ			-543.2905 fts
DX	ASH AZ-7	ASH AZ-20	27709.7776 fts
DY			-6407.8157 fts
DZ			-15594.0199 fts
DX	ASH AZ-7	ASH AZ-19	27734.0207 fts
DY			-6030.5600 fts
DZ			-15195.3072 fts
DX	ASH AZ-7	ASH AZ-16	27800.0401 fts
DY			2322.0777 fts
DZ			-5878.3176 fts
DX	ASH AZ-7	ASH AZ-15	27271.5246 fts
DY			2084.3466 fts
DZ			-6000.4757 fts
DX	ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526 fts
DY			-588.5524 fts
DZ			-566.6078 fts
DX	EBDR AZ-25 OLD	EBDR AZ-26	-545.8953 fts
DY			3.6613 fts
DZ			161.6627 fts
DX	ASH AZ-28	ASH AZ-21 OLD	7145.4629 fts
DY			18518.5809 fts
DZ			18234.9156 fts
DX	ASH AZ-29 OLD	ASH AZ-30 OLD	167.0831 fts
DY			-468.8595 fts
DZ			-555.7937 fts
DX	ASH AZ-29 OLD	ASH AZ-29 NEW	-2158.6329 fts
DY			-1820.8078 fts
DZ			-1217.9487 fts
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	7417.2968 fts
DY			27772.8751 fts
DZ			28081.6274 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	356.0874 fts
DY			-643.8989 fts
DZ			-812.9845 fts
DX	EBDR AZ-19	EBDR AZ-6	-27563.8237 fts
DY			-28533.5011 fts
DZ			-22846.9545 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8	286.7350 fts
DY			390.1823 fts
DZ			354.6820 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21	24969.7710 fts
DY			42491.7525 fts
DZ			38008.9114 fts
		EBDR AZ 7	

DX	EBDR AZ-7 OLD	NEW	43.9910 fts
DY			59.1722 fts
DZ			52.8538 fts
DX	NEV AZ-2	ROND AZ-8	19971.5510 fts
DY			-8487.6983 fts
DZ			-16210.9451 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2	-49995.9222 fts
DY			-19859.6361 fts
DZ			-6317.3954 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	30580.3523 fts
DY			4304.1104 fts
DZ			-5257.1035 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	23078.5574 fts
DY			9049.0351 fts
DZ			3074.2104 fts
DX	ASH AZ-8	ASH AZ-20	27162.9811 fts
DY			-6078.8706 fts
DZ			-15050.7174 fts
DX	NEV AZ-4	ROND AZ-5	8052.7685 fts
DY			-17257.6368 fts
DZ			-22104.2564 fts
DX	EBDR AZ-4	EBDR AZ-17	48024.0014 fts
DY			18480.4428 fts
DZ			5548.3371 fts
DX	ROND AZ-1	ROND AZ-4	-27626.6539 fts
DY			-15224.2526 fts
DZ			-7919.8185 fts
DX	WBDR AZ-21	WBDR AZ-22	-292.0188 fts
DY			-381.9176 fts
DZ			-318.8523 fts
DX	ASH AZ-10	ASH AZ-14	40708.0829 fts
DY			5643.5678 fts
DZ			-6298.3494 fts
DX	EBDR AZ-3	EBDR AZ-4	45.4773 fts
DY			623.5469 fts
DZ			661.0844 fts
DX	EBDR AZ-3	EBDR AZ-17	48069.4606 fts
DY			19103.9654 fts
DZ			6209.4273 fts
DX	ROND AZ-2	ROND AZ-4	-28192.0984 fts
DY			-15191.8081 fts
DZ			-7747.5436 fts
DX	ROND AZ-2	ROND AZ-1	-565.4456 fts
DY			32.4408 fts
DZ			172.2783 fts
DX	ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0695 fts
DY			468.8247 fts
DZ			555.8019 fts
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	-2325.7343 fts
DY			-1351.9199 fts
DZ			-662.1780 fts
DX	ASH AZ-25 OLD	ASH AZ-28	3803.4682 fts

DY			-5320.1049 fts
DZ			-6892.8798 fts
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622 fts
DY			261.6971 fts
DZ			363.4070 fts
DX	ASH AZ-26 OLD	ASH AZ-28	4073.8753 fts
DY			-5581.7934 fts
DZ			-7256.3134 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	270.4079 fts
DY			-261.6840 fts
DZ			-363.4378 fts
DX	WBDR AZ-26	WBDR AZ-25	-701.0999 fts
DY			-76.9885 fts
DZ			121.7912 fts
DX	EBDR AZ-8	EBDR AZ-7 OLD	-286.7438 fts
DY			-390.1907 fts
DZ			-354.6702 fts
DX	EBDR AZ-8	EBDR AZ 7 NEW	-242.7098 fts
DY			-331.0757 fts
DZ			-301.7950 fts
DX	WBDR AZ-9	WBDR AZ-10	362.0647 fts
DY			296.5531 fts
DZ			211.5534 fts
DX	EBDR AZ-5	EBDR AZ-6	-583.3859 fts
DY			53.0973 fts
DZ			232.3152 fts
DX	EBDR AZ-23	EBDR AZ-24	737.0970 fts
DY			-70.2536 fts
DZ			-266.5149 fts
DX	WBDR AZ-14	WBDR AZ-13	-508.5204 fts
DY			345.0062 fts
DZ			540.2611 fts
DX	ASH AZ-22 OLD	ASH AZ-9	-54238.6068 fts
DY			4394.5381 fts
DZ			21429.8620 fts
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	-6975.1002 fts
DY			-27653.0886 fts
DZ			-28070.8727 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	-7142.1714 fts
DY			-27184.3416 fts
DZ			-27515.0255 fts
DX	ASH AZ-22 OLD	ASH AZ-28	-6870.3284 fts
DY			-17929.9911 fts
DZ			-17668.3576 fts
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	275.1242 fts
DY			588.5674 fts
DZ			566.5810 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	22750.1999 fts
DY			8708.5235 fts
DZ			2792.4544 fts
DX	EBDR AZ-9	EBDR AZ-10	-328.3816 fts

DY			-340.4945 fts
DZ			-281.7569 fts
DX	WBDR AZ-8	WBDR AZ-7	-163.5264 fts
DY			-701.4030 fts
DZ			-737.1971 fts
DX	WBDR AZ-18	WBDR AZ-17	408.7636 fts
DY			422.2606 fts
DZ			358.7611 fts
DX	ASH AZ-19	ASH AZ-8	-27187.2204 fts
DY			5701.5977 fts
DZ			14652.0221 fts
DX	ASH AZ-19	ASH AZ-20	-24.2373 fts
DY			-377.2762 fts
DZ			-398.6979 fts
DX	ASH AZ-13	ASH AZ-14	-723.1497 fts
DY			-399.9929 fts
DZ			-244.9148 fts
DX	ASH AZ-13	ASH AZ-10	-41431.2549 fts
DY			-6043.5205 fts
DZ			6053.4252 fts
DX	ASH AZ-18	ASH AZ-6 OLD	-44867.5972 fts
DY			59.9626 fts
DZ			14400.1446 fts
DX	ASH AZ-18	ASH AZ-17	285.8063 fts
DY			465.1768 fts
DZ			400.6132 fts
DX	WBDR AZ-16 OLD	WBDR AZ-15	481.3888 fts
DY			-261.5195 fts
DZ			-406.6574 fts
DX	EBDR AZ-12	EBDR AZ-11	690.9871 fts
DY			170.9574 fts
DZ			-44.8508 fts
DX	ROND AZ-6	ROND AZ-5	-30.3282 fts
DY			481.2100 fts
DZ			511.9155 fts
DX	ROND AZ-6	NEV AZ-4	-8083.1018 fts
DY			17738.8536 fts
DZ			22616.1706 fts
DX	ANDES	WBDR AZ-8	-84545.6682 fts
DY			-17046.8194 fts
DZ			5334.7182 fts
DX	ANDES	WBDR AZ-7	-84709.1822 fts
DY			-17748.2174 fts
DZ			4597.4977 fts
DX	ANDES	WBDR AZ-6	-94004.4834 fts
DY			-22285.3136 fts
DZ			2670.0854 fts
DX	ANDES	WBDR AZ-5	-93320.2620 fts
DY			-22685.3908 fts
DZ			2088.4732 fts
DX	ANDES	WBDR AZ-4	-86251.8128 fts
DY			-26346.7137 fts
DZ			-4298.4085 fts
DX	ANDES	WBDR AZ-3	-86441.8450 fts
DY			

DZ			-26734.5802 fts
DX	ANDES	WBDR AZ-29	-4654.5477 fts
DY			31208.9057 fts
DZ			63767.6391 fts
DX	ANDES	WBDR AZ-28	58457.3952 fts
DY			22138.2459 fts
DZ			53493.9948 fts
DX	ANDES	WBDR AZ-27	50072.1208 fts
DY			21593.8220 fts
DZ			53201.5940 fts
DX	ANDES	WBDR AZ-26	49906.1310 fts
DY			10877.0127 fts
DZ			43516.0260 fts
DX	ANDES	WBDR AZ-24	42601.7490 fts
DY			-14368.3496 fts
DZ			30163.6106 fts
DX	ANDES	WBDR AZ-23	35613.2214 fts
DY			-15240.4453 fts
DZ			29731.3339 fts
DX	ANDES	WBDR AZ-2	35377.5130 fts
DY			-92369.5552 fts
DZ			-31619.7841 fts
DX	ANDES	WBDR AZ-18	-8215.8775 fts
DY			-2341.1423 fts
DZ			18368.3646 fts
DX	ANDES	WBDR AZ-17	19943.0847 fts
DY			-1932.3767 fts
DZ			18790.6232 fts
DX	ANDES	WBDR AZ-10	20301.8523 fts
DY			-80969.9780 fts
DZ			-22715.1721 fts
DX	ANDES	WBDR AZ-1	-1821.7036 fts
DY			-93238.9745 fts
DZ			-32125.6421 fts
DX	ANDES	EBDR AZ-8	-8486.7634 fts
DY			30217.3621 fts
DZ			-494.1587 fts
DX	ANDES	EBDR AZ-7 OLD	-9936.2680 fts
DY			29930.6172 fts
DZ			-884.3760 fts
DX	ANDES	EBDR AZ-4	-10290.9321 fts
DY			3364.9011 fts
DZ			1848.0238 fts
DX	ANDES	EBDR AZ-3	662.7312 fts
DY			3319.4252 fts
DZ			1224.4790 fts
DX	ANDES	EBDR AZ-22	1.6456 fts
DY			55070.4557 fts
DZ			42089.8033 fts
DX	ANDES	EBDR AZ-21	28183.4777 fts
DY			54900.3597 fts
DZ			41607.3004 fts
DZ			27717.9698 fts

DX	ANDES	EBDR AZ-2	2676.2667 fts
DY			-4563.4747 fts
DZ			-6012.3889 fts
DX	ANDES	EBDR AZ-18	51941.3889 fts
DY			20625.4820 fts
DZ			6387.7320 fts
DX	ANDES	EBDR AZ-17	51388.8559 fts
DY			20328.5318 fts
DZ			6211.0498 fts
DX	ANDES	EBDR AZ-15	52805.6788 fts
DY			14706.2354 fts
DZ			-366.7420 fts
DX	ANDES	EBDR AZ-12	48063.7586 fts
DY			3768.5204 fts
DZ			-10642.2975 fts
DX	ANDES	EBDR AZ-1	2384.8010 fts
DY			-4872.4985 fts
DZ			-6322.6511 fts
DX	EBDR AZ-1	EBDR AZ-2	291.4659 fts
DY			309.0221 fts
DZ			310.2609 fts
DX	EBDR AZ-1	EBDR AZ-15	50420.8786 fts
DY			19578.7002 fts
DZ			5955.9386 fts
DX	WALTON	WBDR AZ-9	4695.5417 fts
DY			4118.0975 fts
DZ			3166.2274 fts
DX	WALTON	WBDR AZ-8	1481.8807 fts
DY			10083.0833 fts
DZ			10534.1871 fts
DX	WALTON	WBDR AZ-7	1318.3506 fts
DY			9381.6858 fts
DZ			9796.9885 fts
DX	WALTON	WBDR AZ-6	-7976.9188 fts
DY			4844.5153 fts
DZ			7869.5802 fts
DX	WALTON	WBDR AZ-5	-7292.6619 fts
DY			4444.4564 fts
DZ			7287.9764 fts
DX	WALTON	WBDR AZ-4	-224.2643 fts
DY			783.1559 fts
DZ			901.0464 fts
DX	WALTON	WBDR AZ-3	-414.2905 fts
DY			395.2869 fts
DZ			544.9061 fts
DX	WALTON	WBDR AZ-22	50859.1180 fts
DY			41578.7966 fts
DZ			30013.3757 fts
DX	WALTON	WBDR AZ-21	51151.1229 fts
DY			41960.7209 fts
DZ			30332.2249 fts
DX	WALTON	WBDR AZ-2	-6341.9929 fts
DY			-4489.8864 fts
DZ			-3016.3944 fts
DX			

	WALTON	WBDR AZ-16 OLD	38193.3694 fts
DY			20804.6281 fts
DZ			11425.4695 fts
DX	WALTON	WBDR AZ-15	38674.7732 fts
DY			20543.1051 fts
DZ			11018.8179 fts
DX	WALTON	WBDR AZ-14	34732.7689 fts
DY			14249.1781 fts
DZ			5403.1277 fts
DX	WALTON	WBDR AZ-13	34224.2488 fts
DY			14594.1829 fts
DZ			5943.3919 fts
DX	WALTON	WBDR AZ-12	15495.4526 fts
DY			27428.7143 fts
DZ			25485.3923 fts
DX	WALTON	WBDR AZ-11	16118.6733 fts
DY			26673.3165 fts
DZ			24471.5840 fts
DX	WALTON	WBDR AZ-10	5057.6065 fts
DY			4414.6554 fts
DZ			3377.7778 fts
DX	WALTON	WBDR AZ-1	-7211.4227 fts
DY			-4995.7365 fts
DZ			-3287.3104 fts
DX	DELHI	WBDR AZ-22	3367.0227 fts
DY			2642.7564 fts
DZ			1560.7225 fts
DX	DELHI	WBDR AZ-21	3659.0419 fts
DY			3024.6737 fts
DZ			1879.5744 fts
DX	DELHI	WBDR AZ-20	1490.3165 fts
DY			131.6495 fts
DZ			-578.1797 fts
DX	DELHI	WBDR AZ-19 OLD	1134.1440 fts
DY			775.5942 fts
DZ			234.7620 fts
DX	DELHI	WBDR AZ-16 OLD	-9298.7111 fts
DY			-18131.3877 fts
DZ			-17027.2453 fts
DX	DELHI	WBDR AZ-15	-8817.3187 fts
DY			-18392.9036 fts
DZ			-17433.9000 fts
DX	DELHI	WBDR AZ-14	-12759.3425 fts
DY			-24686.8031 fts
DZ			-23049.6217 fts
DX	DELHI	WBDR AZ-13	-13267.8638 fts
DY			-24341.7932 fts
DZ			-22509.3613 fts
DX	DELHI	WBDR AZ-12	-31996.6236 fts
DY			-11507.2821 fts
DZ			-2967.3042 fts

DX	DELHI	WBDR AZ-11	-31373.4006 fts
DY			-12262.6784 fts
DZ			-3981.0860 fts
DX	WBDR AZ-6	WBDR AZ-5	684.2432 fts
DY			-400.0415 fts
DZ			-581.6136 fts
DX	WBDR AZ-27	WBDR AZ-28	544.4147 fts
DY			292.3744 fts
DZ			165.9475 fts
DX	EBDR AZ-18	EBDR AZ-17	-552.4916 fts
DY			-297.0136 fts
DZ			-176.5723 fts
DX	NEV AZ-1	ROND AZ-8	20591.2149 fts
DY			-8758.2538 fts
DZ			-16704.3736 fts
DX	NEV AZ-1	ROND AZ-7	20232.3710 fts
DY			-9315.7883 fts
DZ			-17185.2467 fts
DX	NEV AZ-1	NEV AZ-2	619.6542 fts
DY			-270.5403 fts
DZ			-493.4223 fts
DX	PHOENICIA	ROND AZ-8	-35870.0323 fts
DY			-65861.1270 fts
DZ			-59785.2730 fts
DX	PHOENICIA	ROND AZ-7	-36228.8918 fts
DY			-66418.6933 fts
DZ			-60266.1794 fts
DX	PHOENICIA	ROND AZ-6	-43960.3769 fts
DY			-72302.0853 fts
DZ			-64207.4177 fts
DX	PHOENICIA	ROND AZ-4	-53367.9397 fts
DY			-71273.1665 fts
DZ			-59976.4417 fts
DX	PHOENICIA	ROND AZ-2	-25175.8353 fts
DY			-56081.3480 fts
DZ			-52228.8758 fts
DX	PHOENICIA	ROND AZ-1	-25741.2836 fts
DY			-56048.8956 fts
DZ			-52056.6055 fts
DX	PHOENICIA	NEV AZ-4	-52043.4625 fts
DY			-54563.2244 fts
DZ			-41591.3035 fts
DX	PHOENICIA	NEV AZ-3	-51411.0218 fts
DY			-54263.1588 fts
DZ			-41445.0214 fts
DX	PHOENICIA	NEV AZ-2	-55841.5831 fts
DY			-57373.4415 fts
DZ			-43574.2389 fts
DX	PHOENICIA	NEV AZ-1	-56461.1765 fts
DY			-57102.8666 fts
DZ			-43080.8158 fts
DX	PHOENICIA	ASH AZ-30 OLD	17937.3653 fts
DY			-23137.2605 fts
DZ			-30431.3991 fts
DX			

	PHOENICIA	ASH AZ-29 OLD	17770.2955 fts
DY			-22668.4268 fts
DZ			-29875.6031 fts
DX	PHOENICIA	ASH AZ-28	18042.1472 fts
DY			-13414.1190 fts
DZ			-20028.9272 fts
DX	PHOENICIA	ASH AZ-27	18354.4014 fts
DY			-13900.8678 fts
DZ			-20669.7816 fts
DX	PHOENICIA	ASH AZ-26 OLD	13968.2705 fts
DY			-7832.3146 fts
DZ			-12772.6064 fts
DX	PHOENICIA	ASH AZ-25 OLD	14238.6801 fts
DY			-8093.9979 fts
DZ			-13136.0475 fts
DX	PHOENICIA	ASH AZ-22 OLD	24912.4452 fts
DY			4515.8748 fts
DZ			-2360.5594 fts
DX	PHOENICIA	ASH AZ-21 OLD	25187.5777 fts
DY			5104.4255 fts
DZ			-1793.9749 fts
DX	NEV AZ-3	ROND AZ-6	7450.7167 fts
DY			-18039.0633 fts
DZ			-22762.3711 fts
DX	NEV AZ-3	ROND AZ-5	7420.3785 fts
DY			-17557.8325 fts
DZ			-22250.4717 fts
DX	NEV AZ-3	NEV AZ-4	-632.4020 fts
DY			-300.1717 fts
DZ			-146.2278 fts
DX	ASH AZ-3	ASH AZ-4	516.5790 fts
DY			13.9328 fts
DZ			-143.6715 fts
DX	NYHC	WBDR AZ-9	33585.3150 fts
DY			64361.8685 fts
DZ			59922.0179 fts
DX	NYHC	WBDR AZ-8	30371.6761 fts
DY			70326.8569 fts
DZ			67289.9704 fts
DX	NYHC	WBDR AZ-7	30208.1439 fts
DY			69625.4800 fts
DZ			66552.7448 fts
DX	NYHC	WBDR AZ-6	20912.8628 fts
DY			65088.3519 fts
DZ			64625.3205 fts
DX	NYHC	WBDR AZ-5	21597.0880 fts
DY			64688.2765 fts
DZ			64043.7081 fts
DX	NYHC	WBDR AZ-4	28665.5334 fts
DY			61026.9391 fts
DZ			57656.8219 fts
DX	NYHC	WBDR AZ-3	28475.5011 fts
DY			60639.0636 fts
DZ			57300.6864 fts
DX			

	NYHC	WBDR AZ-22	79748.9021 fts
DY			101822.5746 fts
DZ			86769.1666 fts
DX	NYHC	WBDR AZ-21	80040.9070 fts
DY			102204.4967 fts
DZ			87088.0197 fts
DX	NYHC	WBDR AZ-20	77872.1621 fts
DY			99311.4792 fts
DZ			84630.2558 fts
DX	NYHC	WBDR AZ-2	22547.8062 fts
DY			55753.8910 fts
DZ			53739.3695 fts
DX	NYHC	WBDR AZ-19 OLD	77516.0177 fts
DY			99955.4232 fts
DZ			85443.2030 fts
DX	NYHC	WBDR AZ-16 OLD	67083.2010 fts
DY			81048.4437 fts
DZ			68181.2353 fts
DX	NYHC	WBDR AZ-15	67564.5727 fts
DY			80786.8953 fts
DZ			67774.5970 fts
DX	NYHC	WBDR AZ-14	63622.5515 fts
DY			74493.0371 fts
DZ			62158.8372 fts
DX	NYHC	WBDR AZ-13	63114.0278 fts
DY			74838.0176 fts
DZ			62699.0932 fts
DX	NYHC	WBDR AZ-12	44385.2509 fts
DY			87672.5453 fts
DZ			82241.1598 fts
DX	NYHC	WBDR AZ-11	45008.4441 fts
DY			86917.1364 fts
DZ			81227.3296 fts
DX	NYHC	WBDR AZ-10	33947.3889 fts
DY			64658.4729 fts
DZ			60133.5485 fts
DX	NYHC	WBDR AZ-1	21678.3918 fts
DY			55248.0309 fts
DZ			53468.4872 fts
DX	NYHC	EBDR AZ-3	118236.7241 fts
DY			88598.3037 fts
DZ			61956.7566 fts
DX	NYHC	EBDR AZ-2	117593.5793 fts
DY			82810.3457 fts
DZ			55942.7386 fts
DX	NYHC	EBDR AZ-1	117302.1245 fts
DY			82501.3028 fts
DZ			55632.4620 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	19430.4147 fts
DY			20815.8065 fts
DZ			16749.7441 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	10717.7675 fts

DY			10262.9217 fts
DZ			7919.0576 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	-1244.6042 fts
DY			208.0573 fts
DZ			570.4135 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	-26660.9441 fts
DY			-13499.6441 fts
DZ			-6775.6046 fts
DX	FLEISCHMANNNS 2	EBDR AZ-9	-25373.4254 fts
DY			-8841.4678 fts
DZ			-2244.3451 fts
DX	FLEISCHMANNNS 2	EBDR AZ-8	-38247.6271 fts
DY			-12367.1266 fts
DZ			-2144.3148 fts
DX	FLEISCHMANNNS 2	EBDR AZ-7 OLD	-38534.3723 fts
DY			-12757.3166 fts
DZ			-2498.9864 fts
DX	FLEISCHMANNNS 2	EBDR AZ-6	-36621.1859 fts
DY			-17278.9639 fts
DZ			-7953.5898 fts
DX	FLEISCHMANNNS 2	EBDR AZ-5	-36037.8006 fts
DY			-17332.0539 fts
DZ			-8185.9102 fts
DX	FLEISCHMANNNS 2	EBDR AZ-4	-65100.0942 fts
DY			-10024.8190 fts
DZ			8454.6191 fts
DX	FLEISCHMANNNS 2	EBDR AZ-28	3271.5207 fts
DY			520.3601 fts
DZ			-430.3998 fts
DX	FLEISCHMANNNS 2	EBDR AZ-27	2754.2921 fts
DY			373.8504 fts
DZ			-445.0833 fts
DX	FLEISCHMANNNS 2	EBDR AZ-26	-3169.1899 fts
DY			-129.2832 fts
DZ			709.7446 fts
DX	FLEISCHMANNNS 2	EBDR AZ-25 OLD	-2623.2524 fts
DY			-132.9405 fts
DZ			548.1292 fts
DX	FLEISCHMANNNS 2	EBDR AZ-24	-6208.9715 fts
DY			-8612.9945 fts
DZ			-7336.8247 fts
DX	FLEISCHMANNNS 2	EBDR AZ-23	-6946.0712 fts
DY			-8542.7313 fts
DZ			-7070.3147 fts
DX	FLEISCHMANNNS 2	EBDR AZ-22	-13394.5664 fts
DY			30217.0130 fts
DZ			35975.4040 fts
DX	FLEISCHMANNNS 2	EBDR AZ-21	-13564.6481 fts
DY			29734.4660 fts
DZ			35509.9072 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	-9808.5719 fts
DY			11021.4792 fts

DZ			14777.2813 fts
DX	FLEISCHMANNNS 2	EBDR AZ-2	-65788.6917 fts
DY			-16436.3476 fts
DZ			1779.5027 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	-9057.3679 fts
DY			11254.5272 fts
DZ			14893.3734 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	-16523.5773 fts
DY			8752.5451 fts
DZ			14179.6364 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	-15792.7783 fts
DY			3423.2590 fts
DZ			8096.9743 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	-15659.2971 fts
DY			2833.3424 fts
DZ			7425.1592 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	-19206.3499 fts
DY			-6135.6889 fts
DZ			-1117.0721 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	-19363.5279 fts
DY			-5620.0428 fts
DZ			-513.2391 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	-20401.1718 fts
DY			-8104.4474 fts
DZ			-2850.3555 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	-19710.1809 fts
DY			-7933.4825 fts
DZ			-2895.2229 fts
DX	FLEISCHMANNNS 2	EBDR AZ-10	-25701.8072 fts
DY			-9181.9626 fts
DZ			-2526.1021 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	-66080.1508 fts
DY			-16745.3822 fts
DZ			1469.2367 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	40740.4717 fts
DY			2535.4819 fts
DZ			-10015.2602 fts
DX	FLEISCHMANNNS 2	ASH AZ-7	40193.6744 fts
DY			2864.4440 fts
DZ			-9471.9627 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	19661.4136 fts
DY			-657.6005 fts
DZ			-6539.5940 fts
DX	FLEISCHMANNNS 2	ASH AZ-5 OLD	19281.4397 fts
DY			-471.3563 fts
DZ			-6218.2089 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	30281.1158 fts
DY			-5134.7915 fts
DZ			-14865.9433 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	29764.5354 fts
DY			-5148.7270 fts

DZ			-14722.2783 fts
DX	FLEISCHMANNNS 2	ASH AZ-20	67903.4582 fts
DY			-3543.3212 fts
DZ			-25065.9300 fts
DX	FLEISCHMANNNS 2	ASH AZ-19	67927.6807 fts
DY			-3166.0611 fts
DZ			-24667.2244 fts
DX	FLEISCHMANNNS 2	ASH AZ-18	64529.0675 fts
DY			-717.5855 fts
DZ			-20939.7979 fts
DX	FLEISCHMANNNS 2	ASH AZ-17	64814.8737 fts
DY			-252.4356 fts
DZ			-20539.1790 fts
DX	FLEISCHMANNNS 2	ASH AZ-16	67993.7295 fts
DY			5186.5717 fts
DZ			-15350.2539 fts
DX	FLEISCHMANNNS 2	ASH AZ-15	67465.2143 fts
DY			4948.8331 fts
DZ			-15472.4135 fts
DX	FLEISCHMANNNS 2	ASH AZ-14	75588.1089 fts
DY			14179.8528 fts
DZ			-7652.3051 fts
DX	FLEISCHMANNNS 2	ASH AZ-13	76311.2887 fts
DY			14579.8316 fts
DZ			-7407.3952 fts
DX	FLEISCHMANNNS 2	ASH AZ-12 OLD	50241.8057 fts
DY			3646.5378 fts
DZ			-11796.7684 fts
DX	EBDR AZ-26	EBDR AZ-9	-22204.2372 fts
DY			-8712.1615 fts
DZ			-2954.1030 fts
DX	EBDR AZ-26	EBDR AZ-25 OLD	545.9349 fts
DY			-3.6669 fts
DZ			-161.6135 fts
DX	EBDR AZ-26	EBDR AZ-10	-22532.6160 fts
DY			-9052.6597 fts
DZ			-3235.8578 fts
DX	ASH AZ-27	ASH AZ-26 OLD	-4386.1325 fts
DY			6068.5532 fts
DZ			7897.1625 fts
DX	ASH AZ-27	ASH AZ-25 OLD	-4115.7243 fts
DY			5806.8648 fts
DZ			7533.7304 fts
DX	ASH AZ-27	ASH AZ-22 OLD	6558.0777 fts
DY			18416.7240 fts
DZ			18309.2384 fts
DX	ASH AZ-27	ASH AZ-21 OLD	6833.1948 fts
DY			19005.3371 fts
DZ			18875.7915 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	379.9835 fts
DY			-186.2575 fts
DZ			-321.3833 fts
DX	ASH AZ-5 OLD	ASH AZ-17	45533.4724 fts

DY			218.9202 fts
DZ			-14320.9542 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823 fts
DY			4117.7948 fts
DZ			-5578.4573 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7708 fts
DY			4003.2835 fts
DZ			-5493.9494 fts
DX	WBDR AZ-4	WBDR AZ-3	-190.0251 fts
DY			-387.8707 fts
DZ			-356.1398 fts
DX	ASH AZ-24	ASH AZ-23	955.6092 fts
DY			76.4356 fts
DZ			-225.7253 fts
DX	NYON	WBDR AZ-9	16282.8104 fts
DY			-62107.1714 fts
DZ			-70284.2594 fts
DX	NYON	WBDR AZ-8	13069.1663 fts
DY			-56142.2025 fts
DZ			-62916.2820 fts
DX	NYON	WBDR AZ-7	12905.6353 fts
DY			-56843.5826 fts
DZ			-63653.5059 fts
DX	NYON	WBDR AZ-6	3610.3601 fts
DY			-61380.7327 fts
DZ			-65580.8978 fts
DX	NYON	WBDR AZ-5	4294.5871 fts
DY			-61780.8103 fts
DZ			-66162.5078 fts
DX	NYON	WBDR AZ-4	11363.0212 fts
DY			-65442.1254 fts
DZ			-72549.4174 fts
DX	NYON	WBDR AZ-3	11172.9905 fts
DY			-65830.0005 fts
DZ			-72905.5545 fts
DX	NYON	WBDR AZ-28	119753.0932 fts
DY			14398.5606 fts
DZ			-18178.8474 fts
DX	NYON	WBDR AZ-26	108491.8553 fts
DY			4420.5966 fts
DZ			-25649.1973 fts
DX	NYON	WBDR AZ-25	107790.7108 fts
DY			4343.6638 fts
DZ			-25527.4902 fts
DX	NYON	WBDR AZ-24	83246.4928 fts
DY			-8931.7898 fts
DZ			-32637.8072 fts
DX	NYON	WBDR AZ-22	62446.3894 fts
DY			-24646.4744 fts
DZ			-43437.0787 fts
DX	NYON	WBDR AZ-21	62738.3951 fts
DY			-24264.5521 fts
DZ			-43118.2250 fts
DX	NYON	WBDR AZ-20	60569.6629 fts
DY			

DZ			-27157.5683 fts
DX	NYON	WBDR AZ-2	-45576.0141 fts
DY			5245.2940 fts
DZ			-70715.1670 fts
DX	NYON	WBDR AZ-19 OLD	-76466.8679 fts
DY			60213.5160 fts
DZ			-26513.6255 fts
DX	NYON	WBDR AZ-18	-44763.0657 fts
DY			95273.6926 fts
DZ			-20727.0330 fts
DX	NYON	WBDR AZ-17	-48307.9368 fts
DY			95682.4711 fts
DZ			-20304.7634 fts
DX	NYON	WBDR AZ-16 OLD	-47949.1511 fts
DY			49780.6792 fts
DZ			-45420.6151 fts
DX	NYON	WBDR AZ-15	-62025.0187 fts
DY			50262.0501 fts
DZ			-45682.1635 fts
DX	NYON	WBDR AZ-14	-62431.6580 fts
DY			46320.0470 fts
DZ			-51976.0402 fts
DX	NYON	WBDR AZ-13	-68047.3975 fts
DY			45811.5193 fts
DZ			-51631.0543 fts
DX	NYON	WBDR AZ-12	-67507.1433 fts
DY			27082.7450 fts
DZ			-38796.5769 fts
DX	NYON	WBDR AZ-11	-47965.0542 fts
DY			27705.9401 fts
DZ			-39551.9805 fts
DX	NYON	WBDR AZ-1	-48978.8878 fts
DY			4375.8747 fts
DZ			-71221.0213 fts
DX	NYON	EBDR AZ-8	-76737.7519 fts
DY			127832.1343 fts
DZ			-39589.5182 fts
DX	NYON	EBDR AZ-7 OLD	-78187.3299 fts
DY			127545.4058 fts
DZ			-39979.7508 fts
DX	NYON	EBDR AZ-6	-78542.0104 fts
DY			129458.6056 fts
DZ			-44501.3397 fts
DX	NYON	EBDR AZ-5	-83996.6547 fts
DY			130041.9966 fts
DZ			-44554.4535 fts
DX	NYON	EBDR AZ-4	-84228.9754 fts
DY			100979.7028 fts
DZ			-37247.3138 fts
DX	NYON	EBDR AZ-3	-67588.3529 fts
			100934.2396 fts

DY			-37870.8300 fts
DZ			-68249.4548 fts
DX	NYON	EBDR AZ-22	152685.2549 fts
DY			2994.4754 fts
DZ			-40067.5916 fts
DX	NYON	EBDR AZ-21	152515.1544 fts
DY			2511.9989 fts
DZ			-40533.0979 fts
DX	NYON	EBDR AZ-2	100291.0763 fts
DY			-43658.7692 fts
DZ			-74263.4847 fts
DX	NYON	EBDR AZ-17	149003.6956 fts
DY			-18766.8672 fts
DZ			-62040.0196 fts
DX	NYON	EBDR AZ-1	99999.6190 fts
DY			-43967.8077 fts
DZ			-74573.7524 fts
DX	EBDR AZ-20	EBDR AZ-6	-26812.6063 fts
DY			-28300.4420 fts
DZ			-22730.8533 fts
DX	EBDR AZ-20	EBDR AZ-5	-26229.2142 fts
DY			-28353.5565 fts
DZ			-22963.1660 fts
DX	EBDR AZ-20	EBDR AZ-19	751.2026 fts
DY			233.0684 fts
DZ			116.0884 fts
DX	ROND AZ-3	ROND AZ-4	700.6821 fts
DY			250.1056 fts
DZ			38.6496 fts
DX	ROND AZ-3	ROND AZ-2	28892.7948 fts
DY			15441.9007 fts
DZ			7786.1928 fts
DX	ROND AZ-3	ROND AZ-1	28327.3496 fts
DY			15474.3344 fts
DZ			7958.4768 fts
DX	ASH AZ-11 OLD	ASH AZ-6 OLD	-29908.7507 fts
DY			-4189.5461 fts
DZ			5172.5796 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	671.6086 fts
DY			114.4527 fts
DZ			-84.4974 fts
DX	ASH AZ-11 OLD	ASH AZ 11 NEW	625.5282 fts
DY			96.1564 fts
DZ			-85.8025 fts
DX	NYHS	ASH AZ-26 OLD	-120377.6079 fts
DY			-90289.3461 fts
DZ			-58522.5131 fts
DX	NYHS	ASH AZ-25 OLD	-120107.2137 fts
DY			-90551.0152 fts
DZ			-58885.9216 fts
DX	NYHS	ASH AZ-23	-98774.4405 fts
DY			-76222.6966 fts
DZ			-49387.9639 fts

DX	NYHS	ASH AZ-22 OLD	-109433.4230 fts
DY			-77941.1834 fts
DZ			-48110.4477 fts
DX	NYHS	ASH AZ-21 OLD	-109158.2751 fts
DY			-77352.6117 fts
DZ			-47543.8863 fts
DX	NYHS	ASH AZ-20	-130894.5704 fts
DY			-85238.9429 fts
DZ			-49865.7673 fts
DX	NYHS	ASH AZ-19	-130870.3491 fts
DY			-84861.6750 fts
DZ			-49467.0595 fts
DX	NYHS	ASH AZ-16	-130804.2835 fts
DY			-76509.0842 fts
DZ			-40150.0895 fts
DX	NYHS	ASH AZ-15	-131332.7909 fts
DY			-76746.8295 fts
DZ			-40272.2512 fts
DX	NYHS	ASH AZ-14	-123209.9287 fts
DY			-67515.8229 fts
DZ			-32452.0700 fts
DX	NYHS	ASH AZ-13	-122486.7299 fts
DY			-67115.9003 fts
DZ			-32207.1378 fts
DX	NYCS	WBDR AZ-28	-28171.5632 fts
DY			-83922.4867 fts
DZ			-79104.3756 fts
DX	NYCS	WBDR AZ-27	-28715.9839 fts
DY			-84214.8876 fts
DZ			-79270.3535 fts
DX	NYCS	WBDR AZ-26	-39432.7873 fts
DY			-93900.4959 fts
DZ			-86574.7042 fts
DX	NYCS	WBDR AZ-25	-40133.9285 fts
DY			-93977.4330 fts
DZ			-86452.9915 fts
DX	NYCS	WBDR AZ-24	-64678.1439 fts
DY			-107252.8774 fts
DZ			-93563.3082 fts
DX	NYCS	WBDR AZ-23	-65550.2110 fts
DY			-107685.1706 fts
DZ			-93798.9958 fts
DX	NYCS	WBDR AZ-15	-97662.6026 fts
DY			-144003.2645 fts
DZ			-123357.1148 fts
DX	NYCS	EBDR AZ-22	4760.6282 fts
DY			-95326.6619 fts
DZ			-100993.0635 fts
DX	NYCS	EBDR AZ-21	4590.5265 fts
DY			-95809.1559 fts
DZ			-101458.5637 fts
DX	NYKT	ROND AZ-8	-120242.7288 fts
DY			-53674.4684 fts
DZ			-20268.8949 fts
DX			

	NYKT	ROND AZ-7	-120601.5939 fts
DY			-54232.0303 fts
DZ			-20749.8003 fts
DX	NYKT	ROND AZ-6	-128333.0353 fts
DY			-60115.5013 fts
DZ			-24691.0279 fts
DX	NYKT	ROND AZ-5	-128363.3547 fts
DY			-59634.2697 fts
DZ			-24179.1260 fts
DX	NYKT	ROND AZ-4	-137740.5983 fts
DY			-59086.5894 fts
DZ			-20460.0355 fts
DX	NYKT	ROND AZ-2	-109548.4989 fts
DY			-43894.7618 fts
DZ			-12712.4846 fts
DX	NYKT	ROND AZ-1	-110113.9370 fts
DY			-43862.3253 fts
DZ			-12540.1992 fts
DX	NYKT	NEV AZ-3	-135783.6823 fts
DY			-42076.5451 fts
DZ			-1928.6600 fts
DX	NYKT	EBDR AZ-28	-145553.2615 fts
DY			13468.3308 fts
DZ			60036.1391 fts
DX	NYKT	EBDR AZ-27	-146070.5227 fts
DY			13321.8506 fts
DZ			60021.4135 fts
DX	NYKT	EBDR AZ-25 OLD	-151448.0731 fts
DY			12815.1043 fts
DZ			61014.5977 fts
DX	NYKT	EBDR AZ-24	-155033.7910 fts
DY			4335.0392 fts
DZ			53129.6027 fts
DX	NYKT	ASH AZ-8	-108084.3696 fts
DY			15483.6069 fts
DZ			50451.1972 fts
DX	NYKT	ASH AZ-7	-108631.1570 fts
DY			15812.6111 fts
DZ			50994.4679 fts
DX	NYKT	ASH AZ-5 OLD	-129543.3701 fts
DY			12476.7061 fts
DZ			54248.2282 fts
DX	NYKT	ASH AZ-4	-118543.7372 fts
DY			7813.3245 fts
DZ			45600.5262 fts
DX	NYKT	ASH AZ-30 OLD	-66435.2817 fts
DY			-10950.5920 fts
DZ			9084.9966 fts
DX	NYKT	ASH AZ-3	-119060.3075 fts
DY			7799.3320 fts
DZ			45744.2075 fts
DX	NYKT	ASH AZ-29 OLD	-66602.3849 fts
DY			-10481.8206 fts

DZ			9640.7730 fts
DX	NYKT	ASH AZ-28	-66330.5499 fts
DY			-1227.4157 fts
DZ			19487.4576 fts
DX	NYKT	ASH AZ-27	-66018.2719 fts
DY			-1714.2272 fts
DZ			18846.6636 fts
DX	NYKT	ASH AZ-26 OLD	-70404.4222 fts
DY			4354.3754 fts
DZ			26743.7365 fts
DX	NYKT	ASH AZ-25 OLD	-70134.0289 fts
DY			4092.7077 fts
DZ			26380.3264 fts
DX	NYKT	ASH AZ-24	-49756.8295 fts
DY			18344.5599 fts
DZ			36104.0263 fts
DX	NYKT	ASH AZ-23	-48801.2356 fts
DY			18420.9693 fts
DZ			35878.3115 fts
DX	NYKT	ASH AZ-22 OLD	-59460.2275 fts
DY			16702.5586 fts
DZ			37155.7917 fts
DX	NYKT	ASH AZ-21 OLD	-59185.0744 fts
DY			17291.1130 fts
DZ			37722.3613 fts
DX	NYKT	ASH AZ-20	-80921.3665 fts
DY			9404.7796 fts
DZ			35400.5173 fts
DX	NYKT	ASH AZ-2	-115941.4221 fts
DY			-5951.2728 fts
DZ			30651.4392 fts
DX	NYKT	ASH AZ-19	-80897.1458 fts
DY			9782.0475 fts
DZ			35799.2192 fts
DX	NYKT	ASH AZ-18	-84295.7735 fts
DY			12230.4459 fts
DZ			39526.7098 fts
DX	NYKT	ASH AZ-17	-84009.9630 fts
DY			12695.6262 fts
DZ			39927.2845 fts
DX	NYKT	ASH AZ-16	-80831.0898 fts
DY			18134.6652 fts
DZ			45116.1762 fts
DX	NYKT	ASH AZ-15	-81359.5994 fts
DY			17896.9267 fts
DZ			44994.0101 fts
DX	NYKT	ASH AZ-14	-73236.7381 fts
DY			27127.8982 fts
DZ			52814.1711 fts
DX	NYKT	ASH AZ-13	-72513.5483 fts
DY			27527.8567 fts
DZ			53059.0877 fts
DX	NYKT	ASH AZ-12 OLD	-98582.9966 fts
DY			16594.5305 fts
DZ			

			48669.7295 fts
DX	NYKT	ASH AZ-11 OLD	-99254.5862 fts
DY			16480.0522 fts
DZ			48754.2216 fts
DX	NYKT	ASH AZ-10	-113944.8326 fts
DY			21484.3271 fts
DZ			59112.4682 fts
DX	NYKT	ASH AZ-1	-115510.9644 fts
DY			-6222.7853 fts
DZ			30259.8710 fts
DX	WBDR AZ-12	WBDR AZ-11	623.2217 fts
DY			-755.3892 fts
DZ			-1013.8073 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	3704.2311 fts
DY			8453.3946 fts
DZ			7938.4515 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	52677.3520 fts
DY			-13550.7426 fts
DZ			-29693.4045 fts
DX	EBDR AZ-22	EBDR AZ-8	-24853.1191 fts
DY			-42583.9672 fts
DZ			-38119.7431 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224 fts
DY			-42974.3115 fts
DZ			-38474.3979 fts
DX	EBDR AZ-22	EBDR AZ-21	-170.0837 fts
DY			-482.5427 fts
DZ			-465.5169 fts
DX	BOICEVILLE	EBDR AZ-28	-79525.5595 fts
DY			15195.5446 fts
DZ			41199.5491 fts
DX	BOICEVILLE	EBDR AZ-27	-80042.8130 fts
DY			15049.0514 fts
DZ			41184.8302 fts
DX	BOICEVILLE	EBDR AZ-14 OLD	-102003.4364 fts
DY			8539.4912 fts
DZ			40512.8437 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	-102160.6085 fts
DY			9055.0896 fts
DZ			41116.7061 fts
DX	BOICEVILLE	ASH AZ-8	-42056.6663 fts
DY			17210.6880 fts
DZ			31614.6732 fts
DX	BOICEVILLE	ASH AZ-7	-42603.4553 fts
DY			17539.6985 fts
DZ			32157.9533 fts
DX	BOICEVILLE	ASH AZ-5 OLD	-63515.6487 fts
DY			14203.8647 fts
DZ			35411.6597 fts
DX	BOICEVILLE	ASH AZ-4	-52516.0307 fts
DY			9540.5161 fts

DZ			26763.8817 fts
DX	BOICEVILLE	ASH AZ-30 OLD	-407.6205 fts
DY			-9223.4543 fts
DZ			-9751.5740 fts
DX	BOICEVILLE	ASH AZ-3	-53032.5891 fts
DY			9526.5144 fts
DZ			26907.5941 fts
DX	BOICEVILLE	ASH AZ-29 OLD	-574.6885 fts
DY			-8754.6221 fts
DZ			-9195.7763 fts
DX	BOICEVILLE	ASH AZ-28	-302.8485 fts
DY			499.6903 fts
DZ			650.9132 fts
DX	BOICEVILLE	ASH AZ-27	9.4089 fts
DY			12.9382 fts
DZ			10.0609 fts
DX	BOICEVILLE	ASH AZ-26 OLD	-4376.7208 fts
DY			6081.4802 fts
DZ			7907.2378 fts
DX	BOICEVILLE	ASH AZ-25 OLD	-4106.3131 fts
DY			5819.7957 fts
DZ			7543.7991 fts
DX	BOICEVILLE	ASH AZ-24	16270.8841 fts
DY			20071.6072 fts
DZ			17267.4965 fts
DX	BOICEVILLE	ASH AZ-23	17226.4856 fts
DY			20148.0391 fts
DZ			17041.7787 fts
DX	BOICEVILLE	ASH AZ-22 OLD	6567.4835 fts
DY			18429.6710 fts
DZ			18319.2777 fts
DX	BOICEVILLE	ASH AZ-21 OLD	6842.6071 fts
DY			19018.2364 fts
DZ			18885.8598 fts
DX	BOICEVILLE	ASH AZ-20	-14893.6907 fts
DY			11131.8816 fts
DZ			16564.0213 fts
DX	BOICEVILLE	ASH AZ-19	-14869.4528 fts
DY			11509.1565 fts
DZ			16962.7204 fts
DX	BOICEVILLE	ASH AZ-18	-18268.0550 fts
DY			13957.6208 fts
DZ			20690.1029 fts
DX	BOICEVILLE	ASH AZ-17	-17982.2601 fts
DY			14422.8093 fts
DZ			21090.7275 fts
DX	BOICEVILLE	ASH AZ-16	-14803.4055 fts
DY			19861.8020 fts
DZ			26279.6975 fts
DX	BOICEVILLE	ASH AZ-15	-15331.9143 fts
DY			19624.0849 fts
DZ			26157.5093 fts
DX	BOICEVILLE	ASH AZ-14	-7209.0410 fts
DY			28855.0471 fts
DZ			

			33977.5984 fts
DX	BOICEVILLE	ASH AZ-13	-6485.8904 fts
DY			29255.0358 fts
DZ			34222.5079 fts
DX	BOICEVILLE	ASH AZ-12 OLD	-32555.2939 fts
DY			18321.6558 fts
DZ			29833.1909 fts
DX	BOICEVILLE	ASH AZ-11 OLD	-33226.9083 fts
DY			18207.2268 fts
DZ			29917.6745 fts
DX	BOICEVILLE	ASH AZ-1	-49483.2613 fts
DY			-4495.5930 fts
DZ			11423.2816 fts
DX	EBDR AZ-28	EBDR AZ-27	-517.2272 fts
DY			-146.5174 fts
DZ			-14.6792 fts
DX	EBDR AZ-15	EBDR AZ-2	-50129.4203 fts
DY			-19269.6650 fts
DZ			-5645.6656 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	-133.4851 fts
DY			589.9180 fts
DZ			671.8096 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	-4173.6790 fts
DY			-7083.9568 fts
DZ			-6375.4269 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	-4665.6604 fts
DY			-7221.9167 fts
DZ			-6376.3334 fts
DX	SUNDOWN	ROND AZ-8	496.9790 fts
DY			2001.8776 fts
DZ			2002.8153 fts
DX	SUNDOWN	ROND AZ-7	138.1352 fts
DY			1444.3159 fts
DZ			1521.9391 fts
DX	SUNDOWN	ROND AZ-6	-7593.3040 fts
DY			-4439.1723 fts
DZ			-2419.3247 fts
DX	SUNDOWN	ROND AZ-5	-7623.6353 fts
DY			-3957.9499 fts
DZ			-1907.4128 fts
DX	SUNDOWN	ROND AZ-4	-17000.9092 fts
DY			-3410.2055 fts
DZ			1811.6465 fts
DX	SUNDOWN	ROND AZ-3	-17701.5893 fts
DY			-3660.3112 fts
DZ			1773.0000 fts
DX	SUNDOWN	ROND AZ-2	11191.1862 fts
DY			11781.6097 fts
DZ			9559.1822 fts
DX	SUNDOWN	ROND AZ-1	10625.7439 fts
DY			11814.0491 fts

DZ			9731.4608 fts
DX	SUNDOWN	NEV AZ-4	-15676.4028 fts
DY			13299.6917 fts
DZ			20196.8333 fts
DX	SUNDOWN	NEV AZ-3	-15044.0108 fts
DY			13599.8805 fts
DZ			20343.0496 fts
DX	SUNDOWN	NEV AZ-2	-19474.5806 fts
DY			10489.5834 fts
DZ			18213.7610 fts
DX	SUNDOWN	NEV AZ-1	-20094.2461 fts
DY			10760.1546 fts
DZ			18707.1852 fts
DX	ASH AZ-1	EBDR AZ-14 OLD	-52520.2139 fts
DY			13035.1832 fts
DZ			29089.4784 fts
DX	ASH AZ-16	ASH AZ-15	-528.5111 fts
DY			-237.7181 fts
DZ			-122.1878 fts
DX	CLARYVILLE	ROND AZ-8	20005.2598 fts
DY			-7902.3186 fts
DZ			-15579.1451 fts
DX	CLARYVILLE	ROND AZ-7	19646.4242 fts
DY			-8459.8998 fts
DZ			-16060.0123 fts
DX	CLARYVILLE	ROND AZ-6	11914.9736 fts
DY			-14343.3644 fts
DZ			-20001.3889 fts
DX	CLARYVILLE	ROND AZ-5	11884.6414 fts
DY			-13862.1465 fts
DZ			-19489.4832 fts
DX	CLARYVILLE	ROND AZ-4	2507.3466 fts
DY			-13314.4099 fts
DZ			-15770.3846 fts
DX	CLARYVILLE	ROND AZ-3	1806.6738 fts
DY			-13564.5315 fts
DZ			-15809.0157 fts
DX	CLARYVILLE	ROND AZ-2	30699.4663 fts
DY			1877.3370 fts
DZ			-8022.8047 fts
DX	CLARYVILLE	ROND AZ-1	30134.0183 fts
DY			1909.7783 fts
DZ			-7850.5324 fts
DX	CLARYVILLE	NEV AZ-4	3831.8750 fts
DY			3395.4742 fts
DZ			2614.7973 fts
DX	CLARYVILLE	NEV AZ-3	4464.2752 fts
DY			3695.6411 fts
DZ			2761.0306 fts
DX	CLARYVILLE	NEV AZ-2	33.7249 fts
DY			585.3380 fts
DZ			631.8048 fts
DX	CLARYVILLE	NEV AZ-1	-585.9434 fts

DY			855.9150 fts
DZ			1125.2264 fts
DX	WBDR AZ-24	WBDR AZ-23	-872.0955 fts
DY			-432.2710 fts
DZ			-235.7064 fts
DX	WBDR AZ-29	WBDR AZ-30	-358.0073 fts
DY			279.2376 fts
DZ			445.4182 fts
DX	ROND AZ-7	ROND AZ-8	358.8457 fts
DY			557.5605 fts
DZ			480.8754 fts
DX	ROND AZ-7	NEV AZ-2	-19612.7039 fts
DY			9045.2489 fts
DZ			16691.8036 fts
DX	MARGARETVILLE	WBDR AZ-24	-57321.5754 fts
DY			27297.4915 fts
DZ			45798.0564 fts
DX	MARGARETVILLE	WBDR AZ-18	-45294.4533 fts
DY			15502.1901 fts
DZ			30127.9603 fts
DX	MARGARETVILLE	WBDR AZ-17	-44885.6768 fts
DY			15924.4561 fts
DZ			30486.7464 fts
DX	MARGARETVILLE	EBDR AZ-9	138.3062 fts
DY			165.2808 fts
DZ			148.5965 fts
DX	MARGARETVILLE	EBDR AZ-8	-12735.9357 fts
DY			-3360.3176 fts
DZ			248.6307 fts
DX	MARGARETVILLE	EBDR AZ-7 OLD	-13022.6844 fts
DY			-3750.5010 fts
DZ			-106.0460 fts
DX	MARGARETVILLE	EBDR AZ-6	-11109.4711 fts
DY			-8272.1924 fts
DZ			-5560.6544 fts
DX	MARGARETVILLE	EBDR AZ-5	-10526.0854 fts
DY			-8325.2854 fts
DZ			-5792.9713 fts
DX	MARGARETVILLE	EBDR AZ-4	-39588.3725 fts
DY			-1018.1707 fts
DZ			10847.6911 fts
DX	MARGARETVILLE	EBDR AZ-3	-39633.8515 fts
DY			-1641.7172 fts
DZ			10186.5990 fts
DX	MARGARETVILLE	EBDR AZ-28	28783.2043 fts
DY			9527.1117 fts
DZ			1962.5288 fts
DX	MARGARETVILLE	EBDR AZ-27	28265.9809 fts
DY			9380.6091 fts
DZ			1947.8432 fts
DX	MARGARETVILLE	EBDR AZ-26	22342.5419 fts
DY			8877.4454 fts
DZ			3102.6950 fts

DX	MARGARETVILLE	EBDR AZ-25 OLD	22888.4748 fts
DY			8873.7956 fts
DZ			2941.0755 fts
DX	MARGARETVILLE	EBDR AZ-24	19302.7167 fts
DY			393.7836 fts
DZ			-4943.8766 fts
DX	MARGARETVILLE	EBDR AZ-23	18565.6253 fts
DY			464.0362 fts
DZ			-4677.3516 fts
DX	MARGARETVILLE	EBDR AZ-22	12117.1556 fts
DY			39223.6869 fts
DZ			38368.3573 fts
DX	MARGARETVILLE	EBDR AZ-21	11947.0555 fts
DY			38741.1974 fts
DZ			37902.8533 fts
DX	MARGARETVILLE	EBDR AZ-20	15703.1392 fts
DY			20028.2734 fts
DZ			17170.2180 fts
DX	MARGARETVILLE	EBDR AZ-2	-40277.0006 fts
DY			-7429.6059 fts
DZ			4172.5198 fts
DX	MARGARETVILLE	EBDR AZ-19	16454.3572 fts
DY			20261.3065 fts
DZ			17286.3127 fts
DX	MARGARETVILLE	EBDR AZ-18	8988.0947 fts
DY			17759.3515 fts
DZ			16572.5575 fts
DX	MARGARETVILLE	EBDR AZ-17	8435.6019 fts
DY			17462.3299 fts
DZ			16395.9967 fts
DX	MARGARETVILLE	EBDR AZ-16 OLD	9718.8661 fts
DY			12430.0439 fts
DZ			10489.8975 fts
DX	MARGARETVILLE	EBDR AZ-15	9852.3526 fts
DY			11840.1248 fts
DZ			9818.0873 fts
DX	MARGARETVILLE	EBDR AZ-14 OLD	6305.3280 fts
DY			2871.0972 fts
DZ			1275.8403 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	6148.1417 fts
DY			3386.7313 fts
DZ			1879.6690 fts
DX	MARGARETVILLE	EBDR AZ-12	5110.4750 fts
DY			902.3184 fts
DZ			-457.3950 fts
DX	MARGARETVILLE	EBDR AZ-11	5801.4628 fts
DY			1073.2699 fts
DZ			-502.2403 fts
DX	MARGARETVILLE	EBDR AZ-10	-190.0738 fts
DY			-175.2144 fts

DZ			-133.1642 fts
DX	MARGARETVILLE	EBDR AZ-1	-40568.4668 fts
DY			-7738.6234 fts
DZ			3862.2510 fts
DX	MARGARETVILLE	ASH AZ-8	66252.1557 fts
DY			11542.3391 fts
DZ			-7622.2885 fts
DX	MARGARETVILLE	ASH AZ-7	65705.3684 fts
DY			11871.3388 fts
DZ			-7079.0188 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	45173.0741 fts
DY			8349.1072 fts
DZ			-4146.6313 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	44793.0977 fts
DY			8535.3923 fts
DZ			-3825.2751 fts
DX	MARGARETVILLE	ASH AZ-3	55276.2352 fts
DY			3858.1135 fts
DZ			-12329.3539 fts
DX	MARGARETVILLE	ASH AZ-23	125535.2986 fts
DY			14479.6643 fts
DZ			-22195.2326 fts
DX	MARGARETVILLE	ASH AZ-18	90040.7688 fts
DY			8289.2248 fts
DZ			-18546.8629 fts
DX	MARGARETVILLE	ASH AZ-17	90326.5774 fts
DY			8754.3693 fts
DZ			-18146.2371 fts
DX	MARGARETVILLE	ASH AZ-16	93505.4098 fts
DY			14193.3653 fts
DZ			-12957.3513 fts
DX	MARGARETVILLE	ASH AZ-15	92976.8995 fts
DY			13955.6220 fts
DZ			-13079.5257 fts
DX	MARGARETVILLE	ASH AZ-14	101099.8177 fts
DY			23186.6758 fts
DZ			-5259.3897 fts
DX	MARGARETVILLE	ASH AZ-13	101822.9684 fts
DY			23586.6431 fts
DZ			-5014.4759 fts
DX	WBDR AZ-20	WBDR AZ-19 OLD	-356.1695 fts
DY			643.9353 fts
DZ			812.9485 fts
DX	WBDR AZ-2	WBDR AZ-1	-869.4301 fts
DY			-505.8489 fts
DZ			-270.9147 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1643 fts
DY			58.4324 fts
DZ			108.6925 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1764 fts
DY			58.4749 fts

DZ			108.6844 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2568 fts
DY			37.5781 fts
DZ			341.1637 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2564 fts
DY			37.6106 fts
DZ			341.1034 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.5161 fts
DY			57.1648 fts
DZ			159.1205 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4729 fts
DY			57.1628 fts
DZ			159.0953 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5960 fts
DY			-7679.1367 fts
DZ			-7054.3430 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5920 fts
DY			-7679.1709 fts
DZ			-7054.3120 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8308 fts
DY			1193.2680 fts
DZ			1668.4494 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8365 fts
DY			1193.2756 fts
DZ			1668.4410 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7463 fts
DY			144.8437 fts
DZ			-434.9484 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7636 fts
DY			144.8436 fts
DZ			-434.9443 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4666 fts
DY			-835.1921 fts
DZ			-812.1862 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4520 fts
DY			-835.2554 fts
DZ			-812.1130 fts
DX	ASH AZ-21 OLD	NYS DOT 8-U- 047	6.0639 fts
DY			4.9947 fts
DZ			4.3998 fts
DX	ASH AZ-21 OLD	NYS DOT 8-U- 047	6.0481 fts
DY			4.9793 fts
DZ			4.4127 fts

DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1733 fts
DY			4.7243 fts
DZ			36.1061 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1210 fts
DY			4.6863 fts
DZ			36.1256 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9761 fts
DY			9564.2216 fts
DZ			9221.1816 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9712 fts
DY			9564.1965 fts
DZ			9221.1524 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.0995 fts
DY			-36.7335 fts
DZ			-38.9480 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.0833 fts
DY			-36.7083 fts
DZ			-38.9517 fts
DX	ASH AZ-10	ASH AZ-9	246.0272 fts
DY			-387.2502 fts
DZ			-526.7841 fts
DX	ASH AZ-10	ASH AZ-9	245.9935 fts
DY			-387.1805 fts
DZ			-526.8155 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1190 fts
DY			1181.6059 fts
DZ			1655.7129 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1207 fts
DY			1181.6178 fts
DZ			1655.7042 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	-2.2920 fts
DY			-11.6554 fts
DZ			-12.7395 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	-2.2862 fts
DY			-11.6549 fts
DZ			-12.7398 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	-1021.7568 fts
DY			919.9126 fts
DZ			1292.2986 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	-1021.7650 fts
DY			919.9158 fts
DZ			1292.2897 fts
		ASH AZ-25	

DX	ASH AZ-26 OLD	NEW	268.0720 fts
DY			-273.3510 fts
DZ			-376.1498 fts
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	268.0705 fts
DY			-273.3583 fts
DZ			-376.1529 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.2947 fts
DY			-246.6919 fts
DZ			-245.5561 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.2997 fts
DY			-246.6863 fts
DZ			-245.5238 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U- 047	281.2282 fts
DY			593.5244 fts
DZ			571.0175 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U- 047	281.1901 fts
DY			593.5390 fts
DZ			571.0242 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.7874 fts
DY			-362.2369 fts
DZ			-119.4970 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.7427 fts
DY			-362.2778 fts
DZ			-119.4665 fts
DX	ANDES	WBDR AZ-30	30850.8264 fts
DY			64046.8369 fts
DZ			58902.8166 fts
DX	ANDES	WBDR AZ-30	30850.8806 fts
DY			64046.8834 fts
DZ			58902.8099 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.3746 fts
DY			20536.6366 fts
DZ			16304.3529 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4203 fts
DY			20536.5723 fts
DZ			16304.3237 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.2667 fts
DY			-100.7052 fts
DZ			287.2388 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.2203 fts
DY			-100.7474 fts
DZ			287.2689 fts
DX	EBDR AZ-26	EBDR AZ-25 NEW	444.7506 fts
DY			1.0570 fts
DZ			-125.5477 fts

DX	EBDR AZ-26	EBDR AZ-25 NEW	444.7569 fts
DY			1.0854 fts
DZ			-125.5694 fts
DX	ASH AZ-27	ASH AZ-28	-312.2579 fts
DY			486.7494 fts
DZ			640.8562 fts
DX	ASH AZ-27	ASH AZ-28	-312.2342 fts
DY			486.7548 fts
DZ			640.8131 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0326 fts
DY			-844.3649 fts
DZ			-1271.2470 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0392 fts
DY			-844.3258 fts
DZ			-1271.2643 fts
DX	NYON	WBDR AZ-30	128465.6693 fts
DY			24951.4608 fts
DZ			-9348.1620 fts
DX	NYON	WBDR AZ-30	128465.7213 fts
DY			24951.4581 fts
DZ			-9348.1561 fts
DX	NYON	WBDR AZ-29	128823.7360 fts
DY			24672.2376 fts
DZ			-9793.5801 fts
DX	NYON	WBDR AZ-29	128823.7534 fts
DY			24672.2268 fts
DZ			-9793.6009 fts
DX	NYON	WBDR AZ-23	82374.4511 fts
DY			-9364.0889 fts
DZ			-32873.4931 fts
DX	NYON	WBDR AZ-23	82374.4178 fts
DY			-9364.0686 fts
DZ			-32873.5044 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8135 fts
DY			58.5408 fts
DZ			-426.9309 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.7968 fts
DY			58.5016 fts
DZ			-426.8390 fts
DX	NYCS	WBDR AZ-30	-19458.9817 fts
DY			-73369.6309 fts
DZ			-70273.6743 fts
DX	NYCS	WBDR AZ-30	-19458.9536 fts
DY			-73369.5966 fts
DZ			-70273.6742 fts
DX	NYCS	WBDR AZ-29	-19100.8832 fts
DY			-73648.9154 fts
DZ			-70719.0163 fts
DX	NYCS	WBDR AZ-29	-19100.9044 fts
DY			-73648.8809 fts
DZ			-70719.0751 fts

DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1389 fts
DY			9048.6218 fts
DZ			8617.3806 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1473 fts
DY			9048.5869 fts
DZ			8617.2989 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1004 fts
DY			595.2361 fts
DZ			678.9237 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1141 fts
DY			595.2551 fts
DZ			678.9306 fts
DX	ASH AZ-1	ASH AZ-2	-430.4536 fts
DY			271.4946 fts
DZ			391.5790 fts
DX	ASH AZ-1	ASH AZ-2	-430.4499 fts
DY			271.5290 fts
DZ			391.5580 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0009 fts
DY			607.1893 fts
DZ			774.0399 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0025 fts
DY			607.1722 fts
DZ			774.0313 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9701 fts
DY			137.9686 fts
DZ			0.9670 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9473 fts
DY			138.0040 fts
DZ			0.9596 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9950 fts
DY			137.9338 fts
DZ			0.9758 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0721 fts
DY			8968.9881 fts
DZ			8542.2564 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0812 fts
DY			8969.0257 fts
DZ			8542.1688 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0483 fts
DY			8968.9566 fts
DZ			8542.3354 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6134 fts
DY			1885.0554 fts
DZ			2166.8511 fts

DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6244 fts
DY			1885.0353 fts
DZ			2166.8401 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6318 fts
DY			1885.0396 fts
DZ			2166.9229 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.5881 fts
DY			1747.1024 fts
DZ			2165.8706 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.5651 fts
DY			1747.0297 fts
DZ			2165.8841 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6347 fts
DY			1747.1171 fts
DZ			2165.9173 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1805 fts
DY			-515.6398 fts
DZ			-603.8299 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1686 fts
DY			-515.5926 fts
DZ			-603.8691 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1827 fts
DY			-515.5834 fts
DZ			-603.8830 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4451 fts
DY			1369.4530 fts
DZ			1562.9929 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4560 fts
DY			1369.4355 fts
DZ			1562.9682 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4650 fts
DY			1369.4678 fts
DZ			1563.0033 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4047 fts
DY			1231.4925 fts
DZ			1562.0134 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.3903 fts
DY			1231.4276 fts
DZ			1562.0100 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4568 fts
DY			1231.5306 fts

DZ 1562.0116 fts

Standard deviations

	Station	Target	Sd. abs / Cor	Sd. rel / Cor	Sd. tot / Cor
DX	NYS DOT 8-U-047	U279 RESET 1973	0.0184 fts	-	-
DY			-0.6118	0.0396 fts	-
DZ			0.2758	-0.8026	0.0299 fts
DX	SHANDAKEN	ASH AZ- 12 NEW	0.0190 fts	-	-
DY			-0.5246	0.0332 fts	-
DZ			0.1299	-0.6922	0.0295 fts
DX	SHANDAKEN	ASH AZ- 11 OLD	0.0051 fts	-	-
DY			-0.4474	0.0100 fts	-
DZ			0.4068	-0.7142	0.0117 fts
DX	ASH AZ-7	ASH AZ-8	0.0051 fts	-	-
DY			-0.1888	0.0163 fts	-
DZ			0.4010	-0.7057	0.0134 fts
DX	ASH AZ-7	ASH AZ- 20	0.0095 fts	-	-
DY			-0.2517	0.0296 fts	-
DZ			0.4849	-0.6553	0.0238 fts
DX	ASH AZ-7	ASH AZ- 19	0.0077 fts	-	-
DY			-0.2341	0.0243 fts	-
DZ			0.4595	-0.6662	0.0193 fts
DX	ASH AZ-7	ASH AZ- 16	0.0127 fts	-	-
DY			0.0305	0.0404 fts	-
DZ			0.0976	-0.7484	0.0307 fts
DX	ASH AZ-7	ASH AZ- 15	0.0141 fts	-	-
DY			0.0375	0.0435 fts	-
DZ			0.0904	-0.7338	0.0320 fts
DX	ASH AZ-21 OLD	ASH AZ- 22 OLD	0.0122 fts	-	-
DY			-0.6844	0.0209 fts	-
DZ			0.3036	-0.7246	0.0141 fts
DX	EBDR AZ-25 OLD	EBDR AZ- 26	0.0124 fts	-	-
DY			-0.3765	0.0297 fts	-
DZ			0.0856	-0.6454	0.0228 fts
DX	ASH AZ-28	ASH AZ- 21 OLD	0.0164 fts	-	-
DY			-0.5152	0.0317 fts	-
DZ			0.1076	-0.5180	0.0278 fts
DX	ASH AZ-29 OLD	ASH AZ- 30 OLD	0.0086 fts	-	-
DY			-0.5865	0.0226 fts	-
DZ			0.4207	-0.8585	0.0155 fts
DX	ASH AZ-29 OLD	ASH AZ- 29 NEW	0.0158 fts	-	-

DY			-0.5190	0.0420 fts	-
DZ			0.2867	-0.8317	0.0306 fts
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	0.0201 fts	-	-
DY			-0.5549	0.0470 fts	-
DZ			0.4051	-0.5210	0.0306 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	0.0149 fts	-	-
DY			-0.7605	0.0218 fts	-
DZ			0.4906	-0.6300	0.0144 fts
DX	EBDR AZ-19	EBDR AZ-6	0.0099 fts	-	-
DY			-0.3563	0.0250 fts	-
DZ			0.3553	-0.5386	0.0174 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8	0.0158 fts	-	-
DY			-0.3415	0.0277 fts	-
DZ			0.2147	-0.6467	0.0248 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21	0.0452 fts	-	-
DY			-0.2753	0.0809 fts	-
DZ			0.1758	-0.6240	0.0698 fts
DX	EBDR AZ-7 OLD	EBDR AZ-7 NEW	0.0214 fts	-	-
DY			-0.5939	0.0355 fts	-
DZ			0.2291	-0.5979	0.0261 fts
DX	NEV AZ-2	ROND AZ-8	0.0288 fts	-	-
DY			-0.7748	0.0449 fts	-
DZ			0.4707	-0.5965	0.0277 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2	0.0204 fts	-	-
DY			-0.6549	0.0280 fts	-
DZ			0.3331	-0.5290	0.0248 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	0.0111 fts	-	-
DY			-0.4503	0.0359 fts	-
DZ			0.3087	-0.8264	0.0239 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	0.0150 fts	-	-
DY			-0.3651	0.0261 fts	-
DZ			-0.1355	-0.4891	0.0329 fts
DX	ASH AZ-8	ASH AZ-20	0.0087 fts	-	-
DY			-0.2781	0.0241 fts	-
DZ			0.5248	-0.6073	0.0211 fts
DX	NEV AZ-4	ROND AZ-5	0.0117 fts	-	-
DY			-0.6296	0.0280 fts	-
DZ			0.3476	-0.7676	0.0212 fts
DX	EBDR AZ-4	EBDR AZ-17	0.0244 fts	-	-
DY			0.4226	0.0254 fts	-
DZ			-0.6614	-0.6380	0.0268 fts
DX	ROND AZ-1	ROND AZ-	0.0121 fts	-	-

		4			
DY			-0.4366	0.0232 fts	-
DZ			0.2782	-0.6980	0.0239 fts
DX	WBDR AZ-21	WBDR AZ-22	0.0034 fts	-	-
DY			-0.2864	0.0075 fts	-
DZ			0.2587	-0.7090	0.0076 fts
DX	ASH AZ-10	ASH AZ- 14	0.0303 fts	-	-
DY			-0.4427	0.0601 fts	-
DZ			0.2864	-0.7165	0.0621 fts
DX	EBDR AZ-3	EBDR AZ- 4	0.0071 fts	-	-
DY			-0.4666	0.0110 fts	-
DZ			0.2433	-0.6591	0.0128 fts
DX	EBDR AZ-3	EBDR AZ- 17	0.0250 fts	-	-
DY			0.4223	0.0273 fts	-
DZ			-0.6426	-0.6588	0.0278 fts
DX	ROND AZ-2	ROND AZ- 4	0.0119 fts	-	-
DY			-0.4424	0.0222 fts	-
DZ			0.2761	-0.6910	0.0235 fts
DX	ROND AZ-2	ROND AZ- 1	0.0037 fts	-	-
DY			-0.4329	0.0070 fts	-
DZ			0.2715	-0.6864	0.0073 fts
DX	ASH AZ-30 OLD	ASH AZ- 29 OLD	0.0072 fts	-	-
DY			-0.3165	0.0223 fts	-
DZ			0.4197	-0.6114	0.0147 fts
DX	ASH AZ-30 OLD	ASH AZ- 29 NEW	0.0219 fts	-	-
DY			-0.5650	0.0562 fts	-
DZ			0.3437	-0.8412	0.0403 fts
DX	ASH AZ-25 OLD	ASH AZ- 28	0.0055 fts	-	-
DY			-0.3764	0.0091 fts	-
DZ			-0.2243	-0.4556	0.0113 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 OLD	0.0055 fts	-	-
DY			-0.5996	0.0078 fts	-
DZ			0.3375	-0.6098	0.0079 fts
DX	ASH AZ-26 OLD	ASH AZ- 28	0.0063 fts	-	-
DY			-0.3611	0.0105 fts	-
DZ			-0.2339	-0.4535	0.0132 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 OLD	0.0038 fts	-	-
DY			-0.3513	0.0062 fts	-
DZ			-0.2103	-0.4179	0.0077 fts
DX	WBDR AZ-26	WBDR AZ-25	0.0061 fts	-	-
DY			-0.4884	0.0098 fts	-
DZ			0.6030	-0.7571	0.0110 fts

DX	EBDR AZ-8	EBDR AZ-7 OLD	0.0108 fts	-	-
DY			-0.3028	0.0192 fts	-
DZ			0.1803	-0.6252	0.0149 fts
DX	EBDR AZ-8	EBDR AZ-7 NEW	0.0169 fts	-	-
DY			-0.6070	0.0285 fts	-
DZ			0.2909	-0.6119	0.0194 fts
DX	WBDR AZ-9	WBDR AZ-10	0.0134 fts	-	-
DY			-0.7123	0.0294 fts	-
DZ			0.4355	-0.7607	0.0200 fts
DX	EBDR AZ-5	EBDR AZ-6	0.0033 fts	-	-
DY			-0.3380	0.0080 fts	-
DZ			0.3854	-0.5108	0.0060 fts
DX	EBDR AZ-23	EBDR AZ-24	0.0053 fts	-	-
DY			-0.3794	0.0099 fts	-
DZ			0.4359	-0.5451	0.0083 fts
DX	WBDR AZ-14	WBDR AZ-13	0.0030 fts	-	-
DY			-0.4151	0.0049 fts	-
DZ			0.1343	-0.5921	0.0040 fts
DX	ASH AZ-22 OLD	ASH AZ-9	0.0702 fts	-	-
DY			-0.7418	0.1299 fts	-
DZ			0.5229	-0.7283	0.0705 fts
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	0.0159 fts	-	-
DY			-0.3703	0.0465 fts	-
DZ			0.3263	-0.6188	0.0283 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	0.0137 fts	-	-
DY			-0.4825	0.0316 fts	-
DZ			0.3884	-0.4984	0.0220 fts
DX	ASH AZ-22 OLD	ASH AZ-28	0.0159 fts	-	-
DY			-0.4971	0.0307 fts	-
DZ			0.0595	-0.5240	0.0282 fts
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	0.0079 fts	-	-
DY			-0.5411	0.0168 fts	-
DZ			0.2656	-0.5290	0.0126 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	0.0159 fts	-	-
DY			-0.3585	0.0277 fts	-
DZ			-0.1766	-0.4819	0.0344 fts
DX	EBDR AZ-9	EBDR AZ-10	0.0031 fts	-	-
DY			-0.4226	0.0056 fts	-
DZ			-0.1072	-0.5016	0.0061 fts
DX	WBDR AZ-8	WBDR AZ-7	0.0060 fts	-	-
DY			-0.6670	0.0081 fts	-
DZ			0.3395	-0.5282	0.0070 fts

DX	WBDR AZ-18	WBDR AZ-17	0.0061 fts	-	-
DY			-0.4623	0.0096 fts	-
DZ			0.2859	-0.6499	0.0082 fts
DX	ASH AZ-19	ASH AZ-8	0.0073 fts	-	-
DY			-0.2496	0.0210 fts	-
DZ			0.4798	-0.6285	0.0177 fts
DX	ASH AZ-19	ASH AZ- 20	0.0043 fts	-	-
DY			-0.3126	0.0102 fts	-
DZ			0.4814	-0.5179	0.0089 fts
DX	ASH AZ-13	ASH AZ- 14	0.0095 fts	-	-
DY			-0.4759	0.0162 fts	-
DZ			0.2755	-0.6450	0.0174 fts
DX	ASH AZ-13	ASH AZ- 10	0.0275 fts	-	-
DY			-0.4427	0.0545 fts	-
DZ			0.2865	-0.7167	0.0563 fts
DX	ASH AZ-18	ASH AZ-6 OLD	0.0235 fts	-	-
DY			-0.7196	0.0545 fts	-
DZ			0.4305	-0.7852	0.0408 fts
DX	ASH AZ-18	ASH AZ- 17	0.0113 fts	-	-
DY			-0.8035	0.0191 fts	-
DZ			0.4625	-0.6868	0.0128 fts
DX	WBDR AZ-16 OLD	WBDR AZ-15	0.0039 fts	-	-
DY			-0.4998	0.0055 fts	-
DZ			0.2526	-0.5986	0.0069 fts
DX	EBDR AZ-12	EBDR AZ- 11	0.0094 fts	-	-
DY			-0.7008	0.0200 fts	-
DZ			0.4046	-0.7405	0.0142 fts
DX	ROND AZ-6	ROND AZ- 5	0.0051 fts	-	-
DY			-0.6511	0.0116 fts	-
DZ			0.3964	-0.7471	0.0078 fts
DX	ROND AZ-6	NEV AZ-4	0.0125 fts	-	-
DY			-0.6423	0.0283 fts	-
DZ			0.3489	-0.7485	0.0214 fts
DX	ANDES	WBDR AZ-8	0.0202 fts	-	-
DY			-0.6478	0.0283 fts	-
DZ			0.3360	-0.5327	0.0245 fts
DX	ANDES	WBDR AZ-7	0.0225 fts	-	-
DY			-0.7080	0.0308 fts	-
DZ			0.3653	-0.5418	0.0248 fts
DX	ANDES	WBDR AZ-6	0.0238 fts	-	-
DY			-0.4391	0.0361 fts	-
DZ			0.2475	-0.6235	0.0290 fts

WBDR

DX	ANDES	AZ-5	0.0316 fts	-	-
DY			-0.6203	0.0422 fts	-
DZ			0.4204	-0.6828	0.0319 fts
DX	ANDES	WBDR AZ-4	0.0104 fts	-	-
DY			-0.3290	0.0226 fts	-
DZ			0.3403	-0.7376	0.0238 fts
DX	ANDES	WBDR AZ-3	0.0138 fts	-	-
DY			-0.2656	0.0299 fts	-
DZ			0.2832	-0.7173	0.0319 fts
DX	ANDES	WBDR AZ-29	0.0205 fts	-	-
DY			-0.3877	0.0474 fts	-
DZ			0.3175	-0.5167	0.0350 fts
DX	ANDES	WBDR AZ-28	0.0138 fts	-	-
DY			-0.3550	0.0268 fts	-
DZ			0.3829	-0.5686	0.0215 fts
DX	ANDES	WBDR AZ-27	0.0147 fts	-	-
DY			-0.3397	0.0278 fts	-
DZ			0.3746	-0.5494	0.0240 fts
DX	ANDES	WBDR AZ-26	0.0141 fts	-	-
DY			-0.3871	0.0253 fts	-
DZ			0.5244	-0.7355	0.0270 fts
DX	ANDES	WBDR AZ-24	0.0099 fts	-	-
DY			-0.3510	0.0218 fts	-
DZ			0.2889	-0.7269	0.0209 fts
DX	ANDES	WBDR AZ-23	0.0099 fts	-	-
DY			-0.2977	0.0216 fts	-
DZ			0.2549	-0.7112	0.0214 fts
DX	ANDES	WBDR AZ-2	0.0126 fts	-	-
DY			-0.3394	0.0215 fts	-
DZ			0.4439	-0.6912	0.0209 fts
DX	ANDES	WBDR AZ-18	0.0093 fts	-	-
DY			-0.4540	0.0148 fts	-
DZ			0.2754	-0.6544	0.0126 fts
DX	ANDES	WBDR AZ-17	0.0095 fts	-	-
DY			-0.4586	0.0149 fts	-
DZ			0.2859	-0.6542	0.0127 fts
DX	ANDES	WBDR AZ-10	0.0382 fts	-	-
DY			-0.6966	0.0885 fts	-
DZ			0.4327	-0.7881	0.0613 fts
DX	ANDES	WBDR AZ-1	0.0159 fts	-	-
DY			-0.3285	0.0276 fts	-
DZ			0.4579	-0.6959	0.0275 fts

DX	ANDES	EBDR AZ-8	0.0089 fts	-	-
DY			-0.1836	0.0176 fts	-
DZ			0.1272	-0.6217	0.0132 fts
DX	ANDES	EBDR AZ-7 OLD	0.0130 fts	-	-
DY			-0.2601	0.0248 fts	-
DZ			0.1742	-0.6333	0.0180 fts
DX	ANDES	EBDR AZ-4	0.0080 fts	-	-
DY			-0.4497	0.0147 fts	-
DZ			0.2630	-0.6829	0.0142 fts
DX	ANDES	EBDR AZ-3	0.0066 fts	-	-
DY			-0.4251	0.0124 fts	-
DZ			0.2366	-0.6792	0.0124 fts
DX	ANDES	EBDR AZ-22	0.0158 fts	-	-
DY			-0.1265	0.0440 fts	-
DZ			0.1209	-0.6946	0.0317 fts
DX	ANDES	EBDR AZ-21	0.0188 fts	-	-
DY			-0.0853	0.0522 fts	-
DZ			0.1636	-0.6847	0.0360 fts
DX	ANDES	EBDR AZ-2	0.0066 fts	-	-
DY			-0.6209	0.0092 fts	-
DZ			0.3182	-0.5278	0.0085 fts
DX	ANDES	EBDR AZ-18	0.0166 fts	-	-
DY			-0.4280	0.0307 fts	-
DZ			0.2267	-0.6697	0.0304 fts
DX	ANDES	EBDR AZ-17	0.0288 fts	-	-
DY			0.5302	0.0272 fts	-
DZ			-0.6705	-0.6715	0.0269 fts
DX	ANDES	EBDR AZ-15	0.0186 fts	-	-
DY			-0.6493	0.0263 fts	-
DZ			0.3426	-0.5470	0.0225 fts
DX	ANDES	EBDR AZ-12	0.0884 fts	-	-
DY			-0.8317	0.1492 fts	-
DZ			0.6452	-0.7864	0.0978 fts
DX	ANDES	EBDR AZ-1	0.0057 fts	-	-
DY			-0.6530	0.0080 fts	-
DZ			0.3459	-0.5434	0.0070 fts
DX	EBDR AZ-1	EBDR AZ-2	0.0037 fts	-	-
DY			-0.6228	0.0051 fts	-
DZ			0.3154	-0.5235	0.0048 fts
DX	EBDR AZ-1	EBDR AZ-15	0.0156 fts	-	-
DY			-0.6501	0.0220 fts	-

DZ			0.3419	-0.5462	0.0189 fts
DX	WALTON	WBDR AZ-9	0.0068 fts	-	-
DY			-0.7186	0.0141 fts	-
DZ			0.4390	-0.7328	0.0095 fts
DX	WALTON	WBDR AZ-8	0.0081 fts	-	-
DY			-0.6492	0.0112 fts	-
DZ			0.3343	-0.5289	0.0099 fts
DX	WALTON	WBDR AZ-7	0.0095 fts	-	-
DY			-0.6714	0.0130 fts	-
DZ			0.3426	-0.5289	0.0112 fts
DX	WALTON	WBDR AZ-6	0.0084 fts	-	-
DY			-0.4360	0.0126 fts	-
DZ			0.2433	-0.6207	0.0102 fts
DX	WALTON	WBDR AZ-5	0.0115 fts	-	-
DY			-0.5985	0.0158 fts	-
DZ			0.3832	-0.6690	0.0117 fts
DX	WALTON	WBDR AZ-4	0.0044 fts	-	-
DY			-0.2910	0.0096 fts	-
DZ			0.3128	-0.7281	0.0102 fts
DX	WALTON	WBDR AZ-3	0.0055 fts	-	-
DY			-0.2594	0.0120 fts	-
DZ			0.2778	-0.7155	0.0128 fts
DX	WALTON	WBDR AZ-22	0.0151 fts	-	-
DY			-0.2869	0.0327 fts	-
DZ			0.2593	-0.7092	0.0333 fts
DX	WALTON	WBDR AZ-21	0.0144 fts	-	-
DY			-0.2937	0.0312 fts	-
DZ			0.2541	-0.7082	0.0312 fts
DX	WALTON	WBDR AZ-2	0.0056 fts	-	-
DY			-0.3478	0.0094 fts	-
DZ			0.4462	-0.6900	0.0092 fts
DX	WALTON	WBDR AZ-16 OLD	0.0078 fts	-	-
DY			-0.5056	0.0110 fts	-
DZ			0.2542	-0.5899	0.0134 fts
DX	WALTON	WBDR AZ-15	0.0072 fts	-	-
DY			-0.4998	0.0102 fts	-
DZ			0.2526	-0.5986	0.0127 fts
DX	WALTON	WBDR AZ-14	0.0076 fts	-	-
DY			-0.4122	0.0123 fts	-
DZ			0.1400	-0.5955	0.0104 fts
DX	WALTON	WBDR	0.0083 fts	-	-

		AZ-13			
DY			-0.4210	0.0134 fts	-
DZ			0.1385	-0.5931	0.0111 fts
DX	WALTON	WBDR AZ-12	0.0084 fts	-	-
DY			-0.1749	0.0218 fts	-
DZ			0.3315	-0.6791	0.0194 fts
DX	WALTON	WBDR AZ-11	0.0118 fts	-	-
DY			-0.1729	0.0312 fts	-
DZ			0.3444	-0.6877	0.0281 fts
DX	WALTON	WBDR AZ-10	0.0143 fts	-	-
DY			-0.7147	0.0311 fts	-
DZ			0.4359	-0.7562	0.0212 fts
DX	WALTON	WBDR AZ-1	0.0062 fts	-	-
DY			-0.3385	0.0104 fts	-
DZ			0.4618	-0.6913	0.0106 fts
DX	DELHI	WBDR AZ-22	0.0037 fts	-	-
DY			-0.2863	0.0079 fts	-
DZ			0.2590	-0.7091	0.0080 fts
DX	DELHI	WBDR AZ-21	0.0030 fts	-	-
DY			-0.2937	0.0066 fts	-
DZ			0.2541	-0.7082	0.0066 fts
DX	DELHI	WBDR AZ-20	0.0069 fts	-	-
DY			-0.7527	0.0137 fts	-
DZ			0.4749	-0.7241	0.0090 fts
DX	DELHI	WBDR AZ-19 OLD	0.0073 fts	-	-
DY			-0.7733	0.0144 fts	-
DZ			0.4983	-0.7311	0.0092 fts
DX	DELHI	WBDR AZ-16 OLD	0.0063 fts	-	-
DY			-0.5052	0.0089 fts	-
DZ			0.2541	-0.5900	0.0108 fts
DX	DELHI	WBDR AZ-15	0.0069 fts	-	-
DY			-0.4994	0.0099 fts	-
DZ			0.2525	-0.5987	0.0122 fts
DX	DELHI	WBDR AZ-14	0.0099 fts	-	-
DY			-0.4142	0.0160 fts	-
DZ			0.1404	-0.5951	0.0135 fts
DX	DELHI	WBDR AZ-13	0.0107 fts	-	-
DY			-0.4209	0.0173 fts	-
DZ			0.1377	-0.5924	0.0143 fts
DX	DELHI	WBDR AZ-12	0.0103 fts	-	-

DY			-0.1746	0.0270 fts	-
DZ			0.3306	-0.6772	0.0240 fts
DX	DELHI	WBDR AZ-11	0.0128 fts	-	-
DY			-0.1841	0.0345 fts	-
DZ			0.3480	-0.6987	0.0319 fts
DX	WBDR AZ-6	WBDR AZ-5	0.0110 fts	-	-
DY			-0.6016	0.0147 fts	-
DZ			0.4004	-0.6749	0.0111 fts
DX	WBDR AZ-27	WBDR AZ-28	0.0043 fts	-	-
DY			-0.3773	0.0079 fts	-
DZ			0.4149	-0.5343	0.0066 fts
DX	EBDR AZ-18	EBDR AZ- 17	0.0081 fts	-	-
DY			0.4208	0.0087 fts	-
DZ			-0.6426	-0.6534	0.0088 fts
DX	NEV AZ-1	ROND AZ- 8	0.0253 fts	-	-
DY			-0.7102	0.0573 fts	-
DZ			0.5278	-0.6249	0.0253 fts
DX	NEV AZ-1	ROND AZ- 7	0.0235 fts	-	-
DY			-0.7239	0.0492 fts	-
DZ			0.5512	-0.6422	0.0243 fts
DX	NEV AZ-1	NEV AZ-2	0.0112 fts	-	-
DY			-0.5986	0.0228 fts	-
DZ			0.4167	-0.5524	0.0122 fts
DX	PHOENICIA	ROND AZ- 8	0.0280 fts	-	-
DY			-0.7901	0.0405 fts	-
DZ			0.5138	-0.6171	0.0285 fts
DX	PHOENICIA	ROND AZ- 7	0.0255 fts	-	-
DY			-0.7939	0.0367 fts	-
DZ			0.5414	-0.6300	0.0273 fts
DX	PHOENICIA	ROND AZ- 6	0.0214 fts	-	-
DY			-0.5960	0.0501 fts	-
DZ			0.3284	-0.7584	0.0377 fts
DX	PHOENICIA	ROND AZ- 4	0.0434 fts	-	-
DY			-0.7769	0.0650 fts	-
DZ			0.5531	-0.7741	0.0570 fts
DX	PHOENICIA	ROND AZ- 2	0.0350 fts	-	-
DY			-0.7599	0.0545 fts	-
DZ			0.5176	-0.7486	0.0469 fts
DX	PHOENICIA	ROND AZ- 1	0.0352 fts	-	-
DY			-0.7795	0.0583 fts	-
DZ			0.5693	-0.7842	0.0476 fts
DX	PHOENICIA	NEV AZ-4	0.0243 fts	-	-
DY			-0.5992	0.0665 fts	-

DZ			0.3088	-0.8136	0.0574 fts
DX	PHOENICIA	NEV AZ-3	0.0252 fts	-	-
DY			-0.5900	0.0678 fts	-
DZ			0.3534	-0.8106	0.0511 fts
DX	PHOENICIA	NEV AZ-2	0.0490 fts	-	-
DY			-0.7794	0.0685 fts	-
DZ			0.6386	-0.5912	0.0603 fts
DX	PHOENICIA	NEV AZ-1	0.0438 fts	-	-
DY			-0.6474	0.1039 fts	-
DZ			0.4186	-0.4356	0.0518 fts
DX	PHOENICIA	ASH AZ-30 OLD	0.0100 fts	-	-
DY			-0.3491	0.0319 fts	-
DZ			0.4357	-0.6334	0.0210 fts
DX	PHOENICIA	ASH AZ-29 OLD	0.0098 fts	-	-
DY			-0.4044	0.0260 fts	-
DZ			0.4645	-0.5417	0.0186 fts
DX	PHOENICIA	ASH AZ-28	0.0093 fts	-	-
DY			-0.5445	0.0160 fts	-
DZ			-0.1164	-0.4446	0.0158 fts
DX	PHOENICIA	ASH AZ-27	0.0084 fts	-	-
DY			-0.5898	0.0148 fts	-
DZ			-0.0351	-0.4505	0.0133 fts
DX	PHOENICIA	ASH AZ-26 OLD	0.0066 fts	-	-
DY			-0.4160	0.0110 fts	-
DZ			-0.2319	-0.3776	0.0125 fts
DX	PHOENICIA	ASH AZ-25 OLD	0.0072 fts	-	-
DY			-0.4315	0.0119 fts	-
DZ			-0.2332	-0.3786	0.0136 fts
DX	PHOENICIA	ASH AZ-22 OLD	0.0083 fts	-	-
DY			-0.6672	0.0177 fts	-
DZ			0.3393	-0.5634	0.0115 fts
DX	PHOENICIA	ASH AZ-21 OLD	0.0109 fts	-	-
DY			-0.6716	0.0232 fts	-
DZ			0.3348	-0.5666	0.0149 fts
DX	NEV AZ-3	ROND AZ-6	0.0135 fts	-	-
DY			-0.5960	0.0364 fts	-
DZ			0.3614	-0.8076	0.0269 fts
DX	NEV AZ-3	ROND AZ-5	0.0154 fts	-	-
DY			-0.6086	0.0387 fts	-
DZ			0.3417	-0.7870	0.0294 fts
DX	NEV AZ-3	NEV AZ-4	0.0099 fts	-	-
DY			-0.6448	0.0236 fts	-
DZ			0.3623	-0.7736	0.0178 fts
DX	ASH AZ-3	ASH AZ-4	0.0124 fts	-	-
DY			-0.7708	0.0171 fts	-

DZ			0.5173	-0.5813	0.0142 fts
DX	NYHC	WBDR AZ-9	0.0300 fts	-	-
DY			-0.7202	0.0622 fts	-
DZ			0.4416	-0.7316	0.0416 fts
DX	NYHC	WBDR AZ-8	0.0148 fts	-	-
DY			-0.6464	0.0205 fts	-
DZ			0.3323	-0.5287	0.0180 fts
DX	NYHC	WBDR AZ-7	0.0173 fts	-	-
DY			-0.6937	0.0234 fts	-
DZ			0.3530	-0.5336	0.0195 fts
DX	NYHC	WBDR AZ-6	0.0210 fts	-	-
DY			-0.4458	0.0325 fts	-
DZ			0.2319	-0.6218	0.0262 fts
DX	NYHC	WBDR AZ-5	0.0302 fts	-	-
DY			-0.6097	0.0403 fts	-
DZ			0.4110	-0.6786	0.0302 fts
DX	NYHC	WBDR AZ-4	0.0087 fts	-	-
DY			-0.2958	0.0189 fts	-
DZ			0.3157	-0.7293	0.0200 fts
DX	NYHC	WBDR AZ-3	0.0136 fts	-	-
DY			-0.2579	0.0294 fts	-
DZ			0.2755	-0.7149	0.0313 fts
DX	NYHC	WBDR AZ-22	0.0099 fts	-	-
DY			-0.2869	0.0213 fts	-
DZ			0.2593	-0.7092	0.0217 fts
DX	NYHC	WBDR AZ-21	0.0094 fts	-	-
DY			-0.2937	0.0204 fts	-
DZ			0.2541	-0.7082	0.0205 fts
DX	NYHC	WBDR AZ-20	0.0185 fts	-	-
DY			-0.7536	0.0364 fts	-
DZ			0.4759	-0.7228	0.0238 fts
DX	NYHC	WBDR AZ-2	0.0117 fts	-	-
DY			-0.3442	0.0199 fts	-
DZ			0.4450	-0.6897	0.0194 fts
DX	NYHC	WBDR AZ-19 OLD	0.0189 fts	-	-
DY			-0.7743	0.0370 fts	-
DZ			0.4993	-0.7296	0.0236 fts
DX	NYHC	WBDR AZ-16 OLD	0.0115 fts	-	-
DY			-0.5056	0.0163 fts	-
DZ			0.2542	-0.5899	0.0197 fts

DX	NYHC	WBDR AZ-15	0.0099 fts	-	-
DY			-0.4998	0.0141 fts	-
DZ			0.2526	-0.5986	0.0175 fts
DX	NYHC	WBDR AZ-14	0.0107 fts	-	-
DY			-0.4070	0.0173 fts	-
DZ			0.1363	-0.5946	0.0146 fts
DX	NYHC	WBDR AZ-13	0.0140 fts	-	-
DY			-0.4151	0.0228 fts	-
DZ			0.1343	-0.5921	0.0188 fts
DX	NYHC	WBDR AZ-12	0.0106 fts	-	-
DY			-0.1428	0.0257 fts	-
DZ			0.2619	-0.6803	0.0232 fts
DX	NYHC	WBDR AZ-11	0.0258 fts	-	-
DY			-0.1372	0.0639 fts	-
DZ			0.2800	-0.6869	0.0583 fts
DX	NYHC	WBDR AZ-10	0.0344 fts	-	-
DY			-0.6790	0.0813 fts	-
DZ			0.4058	-0.7956	0.0579 fts
DX	NYHC	WBDR AZ-1	0.0140 fts	-	-
DY			-0.3338	0.0236 fts	-
DZ			0.4583	-0.6899	0.0241 fts
DX	NYHC	EBDR AZ- 3	0.0157 fts	-	-
DY			-0.4526	0.0241 fts	-
DZ			0.2154	-0.6475	0.0281 fts
DX	NYHC	EBDR AZ- 2	0.0167 fts	-	-
DY			-0.6228	0.0229 fts	-
DZ			0.3154	-0.5235	0.0214 fts
DX	NYHC	EBDR AZ- 1	0.0112 fts	-	-
DY			-0.6533	0.0157 fts	-
DZ			0.3410	-0.5391	0.0138 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	0.0065 fts	-	-
DY			-0.3441	0.0108 fts	-
DZ			-0.2012	-0.4259	0.0133 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	0.0060 fts	-	-
DY			-0.3784	0.0115 fts	-
DZ			0.4057	-0.5487	0.0092 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	0.0064 fts	-	-
DY			-0.6297	0.0136 fts	-
DZ			0.3302	-0.5440	0.0091 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	0.0081 fts	-	-
DY			-0.3342	0.0136 fts	-

DZ			-0.1387	-0.4051	0.0156 fts
DX	FLEISCHMANN S 2	EBDR AZ-9	0.0052 fts	-	-
DY			-0.4287	0.0095 fts	-
DZ			-0.0868	-0.5005	0.0101 fts
DX	FLEISCHMANN S 2	EBDR AZ-8	0.0097 fts	-	-
DY			-0.2149	0.0183 fts	-
DZ			0.1363	-0.6171	0.0143 fts
DX	FLEISCHMANN S 2	EBDR AZ-7 OLD	0.0145 fts	-	-
DY			-0.3174	0.0241 fts	-
DZ			0.1860	-0.6158	0.0195 fts
DX	FLEISCHMANN S 2	EBDR AZ-6	0.0081 fts	-	-
DY			-0.3418	0.0198 fts	-
DZ			0.3869	-0.5119	0.0148 fts
DX	FLEISCHMANN S 2	EBDR AZ-5	0.0077 fts	-	-
DY			-0.3599	0.0182 fts	-
DZ			0.3970	-0.4974	0.0139 fts
DX	FLEISCHMANN S 2	EBDR AZ-4	0.0202 fts	-	-
DY			-0.4682	0.0317 fts	-
DZ			0.2519	-0.6580	0.0347 fts
DX	FLEISCHMANN S 2	EBDR AZ-28	0.0057 fts	-	-
DY			-0.3816	0.0116 fts	-
DZ			0.5071	-0.7704	0.0140 fts
DX	FLEISCHMANN S 2	EBDR AZ-27	0.0059 fts	-	-
DY			-0.3684	0.0120 fts	-
DZ			0.4863	-0.7683	0.0149 fts
DX	FLEISCHMANN S 2	EBDR AZ-26	0.0061 fts	-	-
DY			-0.3811	0.0116 fts	-
DZ			-0.2056	-0.4717	0.0121 fts
DX	FLEISCHMANN S 2	EBDR AZ-25 OLD	0.0107 fts	-	-
DY			-0.3358	0.0182 fts	-
DZ			-0.2017	-0.4425	0.0230 fts
DX	FLEISCHMANN S 2	EBDR AZ-24	0.0058 fts	-	-
DY			-0.3759	0.0108 fts	-
DZ			0.4142	-0.5491	0.0088 fts
DX	FLEISCHMANN S 2	EBDR AZ-23	0.0065 fts	-	-
DY			-0.3685	0.0123 fts	-
DZ			0.3952	-0.5322	0.0102 fts
DX	FLEISCHMANN S 2	EBDR AZ-22	0.0098 fts	-	-
DY			-0.1648	0.0244 fts	-
DZ			0.1558	-0.6766	0.0194 fts
DX	FLEISCHMANN S 2	EBDR AZ-21	0.0099 fts	-	-

DY			-0.1869	0.0217 fts	-
DZ			0.2084	-0.6549	0.0182 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	0.0081 fts	-	-
DY			-0.5607	0.0190 fts	-
DZ			0.4061	-0.5403	0.0128 fts
DX	FLEISCHMANNNS 2	EBDR AZ-2	0.0205 fts	-	-
DY			-0.6262	0.0281 fts	-
DZ			0.3183	-0.5244	0.0262 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	0.0057 fts	-	-
DY			-0.3979	0.0136 fts	-
DZ			0.3262	-0.5344	0.0099 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	0.0071 fts	-	-
DY			-0.4540	0.0112 fts	-
DZ			0.2128	-0.6442	0.0126 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	0.0101 fts	-	-
DY			-0.6622	0.0139 fts	-
DZ			0.3412	-0.5304	0.0122 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	0.0091 fts	-	-
DY			-0.6510	0.0128 fts	-
DZ			0.3423	-0.5446	0.0110 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	0.0088 fts	-	-
DY			-0.3931	0.0138 fts	-
DZ			0.3785	-0.6611	0.0121 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	0.0089 fts	-	-
DY			-0.4389	0.0137 fts	-
DZ			0.3869	-0.6740	0.0119 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	0.0135 fts	-	-
DY			-0.7015	0.0282 fts	-
DZ			0.4064	-0.7325	0.0201 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	0.0107 fts	-	-
DY			-0.7188	0.0222 fts	-
DZ			0.4406	-0.7284	0.0147 fts
DX	FLEISCHMANNNS 2	EBDR AZ-10	0.0056 fts	-	-
DY			-0.4435	0.0102 fts	-
DZ			-0.0738	-0.4954	0.0108 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	0.0151 fts	-	-
DY			-0.6562	0.0211 fts	-
DZ			0.3446	-0.5403	0.0186 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	0.0079 fts	-	-
DY			-0.2042	0.0241 fts	-
DZ			0.4188	-0.6841	0.0202 fts
DX	FLEISCHMANNNS 2	ASH AZ-7	0.0074 fts	-	-
DY			-0.1648	0.0235 fts	-

DZ			0.3659	-0.6980	0.0187 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	0.0107 fts	-	-
DY			-0.5948	0.0286 fts	-
DZ			0.3801	-0.8018	0.0193 fts
DX	FLEISCHMANNNS 2	ASH AZ-5 OLD	0.0087 fts	-	-
DY			-0.5765	0.0207 fts	-
DZ			0.3471	-0.7541	0.0147 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	0.0208 fts	-	-
DY			-0.7852	0.0288 fts	-
DZ			0.5344	-0.5918	0.0233 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	0.0167 fts	-	-
DY			-0.7845	0.0241 fts	-
DZ			0.4846	-0.6078	0.0171 fts
DX	FLEISCHMANNNS 2	ASH AZ- 20	0.0161 fts	-	-
DY			-0.3175	0.0441 fts	-
DZ			0.4897	-0.5665	0.0345 fts
DX	FLEISCHMANNNS 2	ASH AZ- 19	0.0153 fts	-	-
DY			-0.3185	0.0416 fts	-
DZ			0.4811	-0.5732	0.0326 fts
DX	FLEISCHMANNNS 2	ASH AZ- 18	0.0267 fts	-	-
DY			-0.8172	0.0459 fts	-
DZ			0.5402	-0.6999	0.0300 fts
DX	FLEISCHMANNNS 2	ASH AZ- 17	0.0317 fts	-	-
DY			-0.7892	0.0540 fts	-
DZ			0.4206	-0.6865	0.0383 fts
DX	FLEISCHMANNNS 2	ASH AZ- 16	0.0202 fts	-	-
DY			-0.2428	0.0404 fts	-
DZ			0.1379	-0.6398	0.0310 fts
DX	FLEISCHMANNNS 2	ASH AZ- 15	0.0216 fts	-	-
DY			-0.2294	0.0434 fts	-
DZ			0.1302	-0.6363	0.0330 fts
DX	FLEISCHMANNNS 2	ASH AZ- 14	0.0241 fts	-	-
DY			-0.4888	0.0420 fts	-
DZ			0.2807	-0.6437	0.0436 fts
DX	FLEISCHMANNNS 2	ASH AZ- 13	0.0153 fts	-	-
DY			-0.4971	0.0236 fts	-
DZ			0.2655	-0.6268	0.0278 fts
DX	FLEISCHMANNNS 2	ASH AZ- 12 OLD	0.0170 fts	-	-
DY			-0.2968	0.0527 fts	-
DZ			0.2397	-0.7947	0.0387 fts
DX	EBDR AZ-26	EBDR AZ- 9	0.0075 fts	-	-
DY			-0.4068	0.0152 fts	-
DZ			-0.1643	-0.5373	0.0151 fts

DX	EBDR AZ-26	EBDR AZ-25 OLD	0.0123 fts	-	-
DY			-0.3915	0.0230 fts	-
DZ			-0.1860	-0.4536	0.0247 fts
DX	EBDR AZ-26	EBDR AZ-10	0.0077 fts	-	-
DY			-0.4006	0.0156 fts	-
DZ			-0.1594	-0.5472	0.0155 fts
DX	ASH AZ-27	ASH AZ-26 OLD	0.0076 fts	-	-
DY			-0.3607	0.0126 fts	-
DZ			-0.2359	-0.4485	0.0158 fts
DX	ASH AZ-27	ASH AZ-25 OLD	0.0064 fts	-	-
DY			-0.3744	0.0106 fts	-
DZ			-0.2272	-0.4510	0.0131 fts
DX	ASH AZ-27	ASH AZ-22 OLD	0.0126 fts	-	-
DY			-0.5232	0.0249 fts	-
DZ			0.1410	-0.5231	0.0211 fts
DX	ASH AZ-27	ASH AZ-21 OLD	0.0112 fts	-	-
DY			-0.5037	0.0222 fts	-
DZ			0.1502	-0.5244	0.0189 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	0.0066 fts	-	-
DY			-0.5949	0.0177 fts	-
DZ			0.3802	-0.8017	0.0119 fts
DX	ASH AZ-5 OLD	ASH AZ-17	0.0248 fts	-	-
DY			-0.7063	0.0585 fts	-
DZ			0.4048	-0.8108	0.0466 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	0.0101 fts	-	-
DY			-0.4021	0.0323 fts	-
DZ			0.2803	-0.8154	0.0221 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	0.0133 fts	-	-
DY			-0.4337	0.0345 fts	-
DZ			0.2614	-0.7603	0.0259 fts
DX	WBDR AZ-4	WBDR AZ-3	0.0048 fts	-	-
DY			-0.2818	0.0105 fts	-
DZ			0.2933	-0.7210	0.0111 fts
DX	ASH AZ-24	ASH AZ-23	0.0107 fts	-	-
DY			-0.3835	0.0223 fts	-
DZ			-0.0324	-0.5984	0.0209 fts
DX	NYON	WBDR AZ-9	0.0125 fts	-	-
DY			-0.7019	0.0273 fts	-
DZ			0.4365	-0.7621	0.0185 fts
DX	NYON	WBDR AZ-8	0.0127 fts	-	-
DY			-0.5916	0.0186 fts	-

DZ			0.3141	-0.5501	0.0157 fts
DX	NYON	WBDR AZ-7	0.0170 fts	-	-
DY			-0.6443	0.0243 fts	-
DZ			0.3392	-0.5551	0.0195 fts
DX	NYON	WBDR AZ-6	0.0201 fts	-	-
DY			-0.4498	0.0314 fts	-
DZ			0.2368	-0.6248	0.0250 fts
DX	NYON	WBDR AZ-5	0.0295 fts	-	-
DY			-0.6143	0.0396 fts	-
DZ			0.4164	-0.6787	0.0313 fts
DX	NYON	WBDR AZ-4	0.0079 fts	-	-
DY			-0.3005	0.0172 fts	-
DZ			0.3193	-0.7306	0.0182 fts
DX	NYON	WBDR AZ-3	0.0123 fts	-	-
DY			-0.2579	0.0267 fts	-
DZ			0.2755	-0.7149	0.0284 fts
DX	NYON	WBDR AZ-28	0.0097 fts	-	-
DY			-0.3793	0.0185 fts	-
DZ			0.4058	-0.5476	0.0148 fts
DX	NYON	WBDR AZ-26	0.0091 fts	-	-
DY			-0.4116	0.0157 fts	-
DZ			0.5431	-0.7329	0.0174 fts
DX	NYON	WBDR AZ-25	0.0192 fts	-	-
DY			-0.5298	0.0302 fts	-
DZ			0.6380	-0.7756	0.0340 fts
DX	NYON	WBDR AZ-24	0.0071 fts	-	-
DY			-0.3687	0.0154 fts	-
DZ			0.3003	-0.7253	0.0149 fts
DX	NYON	WBDR AZ-22	0.0099 fts	-	-
DY			-0.2869	0.0214 fts	-
DZ			0.2593	-0.7092	0.0218 fts
DX	NYON	WBDR AZ-21	0.0082 fts	-	-
DY			-0.2937	0.0178 fts	-
DZ			0.2541	-0.7082	0.0178 fts
DX	NYON	WBDR AZ-20	0.0184 fts	-	-
DY			-0.7557	0.0368 fts	-
DZ			0.4836	-0.7297	0.0238 fts
DX	NYON	WBDR AZ-2	0.0108 fts	-	-
DY			-0.3444	0.0184 fts	-
DZ			0.4450	-0.6898	0.0180 fts
DX	NYON	WBDR AZ-19	0.0185 fts	-	-

		OLD			
DY			-0.7743	0.0362 fts	-
DZ			0.4993	-0.7295	0.0231 fts
DX	NYON	WBDR AZ-18	0.0124 fts	-	-
DY			-0.4614	0.0195 fts	-
DZ			0.2823	-0.6490	0.0170 fts
DX	NYON	WBDR AZ-17	0.0170 fts	-	-
DY			-0.4687	0.0266 fts	-
DZ			0.2964	-0.6520	0.0228 fts
DX	NYON	WBDR AZ-16 OLD	0.0106 fts	-	-
DY			-0.5056	0.0150 fts	-
DZ			0.2542	-0.5899	0.0182 fts
DX	NYON	WBDR AZ-15	0.0094 fts	-	-
DY			-0.4998	0.0133 fts	-
DZ			0.2526	-0.5986	0.0165 fts
DX	NYON	WBDR AZ-14	0.0081 fts	-	-
DY			-0.4070	0.0131 fts	-
DZ			0.1363	-0.5946	0.0110 fts
DX	NYON	WBDR AZ-13	0.0121 fts	-	-
DY			-0.4151	0.0197 fts	-
DZ			0.1343	-0.5921	0.0163 fts
DX	NYON	WBDR AZ-12	0.0101 fts	-	-
DY			-0.1428	0.0244 fts	-
DZ			0.2619	-0.6803	0.0220 fts
DX	NYON	WBDR AZ-11	0.0278 fts	-	-
DY			-0.1402	0.0693 fts	-
DZ			0.2763	-0.6884	0.0631 fts
DX	NYON	WBDR AZ-1	0.0129 fts	-	-
DY			-0.3338	0.0218 fts	-
DZ			0.4583	-0.6899	0.0222 fts
DX	NYON	EBDR AZ- 8	0.0132 fts	-	-
DY			-0.2092	0.0249 fts	-
DZ			0.1342	-0.6173	0.0195 fts
DX	NYON	EBDR AZ- 7 OLD	0.0274 fts	-	-
DY			-0.3536	0.0407 fts	-
DZ			0.2737	-0.6290	0.0336 fts
DX	NYON	EBDR AZ- 6	0.0101 fts	-	-
DY			-0.3380	0.0246 fts	-
DZ			0.3854	-0.5108	0.0184 fts
DX	NYON	EBDR AZ- 5	0.0094 fts	-	-
DY			-0.3573	0.0222 fts	-

DZ			0.3950	-0.4951	0.0171 fts
DX	NYON	EBDR AZ-4	0.0174 fts	-	-
DY			-0.4668	0.0265 fts	-
DZ			0.2410	-0.6495	0.0296 fts
DX	NYON	EBDR AZ-3	0.0147 fts	-	-
DY			-0.4526	0.0226 fts	-
DZ			0.2154	-0.6475	0.0264 fts
DX	NYON	EBDR AZ-22	0.0124 fts	-	-
DY			-0.1308	0.0345 fts	-
DZ			0.1394	-0.6950	0.0255 fts
DX	NYON	EBDR AZ-21	0.0170 fts	-	-
DY			-0.2098	0.0359 fts	-
DZ			0.2143	-0.6493	0.0307 fts
DX	NYON	EBDR AZ-2	0.0133 fts	-	-
DY			-0.6228	0.0183 fts	-
DZ			0.3154	-0.5235	0.0171 fts
DX	NYON	EBDR AZ-17	0.0172 fts	-	-
DY			0.4156	0.0181 fts	-
DZ			-0.6425	-0.6350	0.0185 fts
DX	NYON	EBDR AZ-1	0.0087 fts	-	-
DY			-0.6533	0.0121 fts	-
DZ			0.3410	-0.5391	0.0106 fts
DX	EBDR AZ-20	EBDR AZ-6	0.0107 fts	-	-
DY			-0.4867	0.0271 fts	-
DZ			0.4326	-0.5388	0.0180 fts
DX	EBDR AZ-20	EBDR AZ-5	0.0101 fts	-	-
DY			-0.5094	0.0245 fts	-
DZ			0.4312	-0.5236	0.0165 fts
DX	EBDR AZ-20	EBDR AZ-19	0.0081 fts	-	-
DY			-0.5568	0.0204 fts	-
DZ			0.3995	-0.5880	0.0128 fts
DX	ROND AZ-3	ROND AZ-4	0.0077 fts	-	-
DY			-0.4754	0.0116 fts	-
DZ			0.2522	-0.6609	0.0143 fts
DX	ROND AZ-3	ROND AZ-2	0.0114 fts	-	-
DY			-0.4544	0.0201 fts	-
DZ			0.2713	-0.6723	0.0220 fts
DX	ROND AZ-3	ROND AZ-1	0.0107 fts	-	-
DY			-0.4384	0.0200 fts	-
DZ			0.2731	-0.6863	0.0209 fts
DX	ASH AZ-11 OLD	ASH AZ-6 OLD	0.0140 fts	-	-

DY			-0.4552	0.0459 fts	-
DZ			0.2724	-0.8157	0.0338 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	0.0098 fts	-	-
DY			-0.3109	0.0273 fts	-
DZ			0.2419	-0.7712	0.0215 fts
DX	ASH AZ-11 OLD	ASH AZ-11 NEW	0.0208 fts	-	-
DY			-0.4535	0.0383 fts	-
DZ			0.0904	-0.6971	0.0422 fts
DX	NYHS	ASH AZ-26 OLD	0.0136 fts	-	-
DY			-0.3436	0.0221 fts	-
DZ			-0.2282	-0.4077	0.0281 fts
DX	NYHS	ASH AZ-25 OLD	0.0125 fts	-	-
DY			-0.3588	0.0206 fts	-
DZ			-0.2083	-0.4214	0.0252 fts
DX	NYHS	ASH AZ-23	0.0252 fts	-	-
DY			-0.4456	0.0496 fts	-
DZ			0.0266	-0.5468	0.0458 fts
DX	NYHS	ASH AZ-22 OLD	0.0133 fts	-	-
DY			-0.5460	0.0281 fts	-
DZ			0.2761	-0.5242	0.0211 fts
DX	NYHS	ASH AZ-21 OLD	0.0205 fts	-	-
DY			-0.5093	0.0441 fts	-
DZ			0.2536	-0.5350	0.0334 fts
DX	NYHS	ASH AZ-20	0.0109 fts	-	-
DY			-0.3126	0.0259 fts	-
DZ			0.4812	-0.5180	0.0226 fts
DX	NYHS	ASH AZ-19	0.0111 fts	-	-
DY			-0.3004	0.0268 fts	-
DZ			0.4592	-0.5304	0.0228 fts
DX	NYHS	ASH AZ-16	0.0153 fts	-	-
DY			-0.2428	0.0274 fts	-
DZ			0.1276	-0.6157	0.0234 fts
DX	NYHS	ASH AZ-15	0.0177 fts	-	-
DY			-0.2645	0.0315 fts	-
DZ			0.1487	-0.6207	0.0263 fts
DX	NYHS	ASH AZ-14	0.0216 fts	-	-
DY			-0.4597	0.0403 fts	-
DZ			0.2814	-0.6600	0.0401 fts
DX	NYHS	ASH AZ-13	0.0184 fts	-	-
DY			-0.4533	0.0298 fts	-
DZ			0.2563	-0.6365	0.0341 fts
DX	NYCS	WBDR	0.0103 fts	-	-

		AZ-28			
DY			-0.3794	0.0196 fts	-
DZ			0.4059	-0.5475	0.0157 fts
DX	NYCS	WBDR AZ-27	0.0124 fts	-	-
DY			-0.3727	0.0229 fts	-
DZ			0.4002	-0.5213	0.0194 fts
DX	NYCS	WBDR AZ-26	0.0099 fts	-	-
DY			-0.4099	0.0167 fts	-
DZ			0.5338	-0.7269	0.0186 fts
DX	NYCS	WBDR AZ-25	0.0191 fts	-	-
DY			-0.4961	0.0305 fts	-
DZ			0.6089	-0.7598	0.0344 fts
DX	NYCS	WBDR AZ-24	0.0079 fts	-	-
DY			-0.3632	0.0172 fts	-
DZ			0.2957	-0.7237	0.0166 fts
DX	NYCS	WBDR AZ-23	0.0068 fts	-	-
DY			-0.2993	0.0147 fts	-
DZ			0.2549	-0.7086	0.0146 fts
DX	NYCS	WBDR AZ-15	0.0087 fts	-	-
DY			-0.4998	0.0124 fts	-
DZ			0.2526	-0.5986	0.0154 fts
DX	NYCS	EBDR AZ- 22	0.0133 fts	-	-
DY			-0.1308	0.0370 fts	-
DZ			0.1394	-0.6950	0.0273 fts
DX	NYCS	EBDR AZ- 21	0.0173 fts	-	-
DY			-0.2102	0.0365 fts	-
DZ			0.2155	-0.6483	0.0311 fts
DX	NYKT	ROND AZ- 8	0.0189 fts	-	-
DY			-0.7866	0.0271 fts	-
DZ			0.4671	-0.6010	0.0184 fts
DX	NYKT	ROND AZ- 7	0.0167 fts	-	-
DY			-0.7999	0.0234 fts	-
DZ			0.5525	-0.6311	0.0174 fts
DX	NYKT	ROND AZ- 6	0.0162 fts	-	-
DY			-0.6290	0.0350 fts	-
DZ			0.3666	-0.7231	0.0246 fts
DX	NYKT	ROND AZ- 5	0.0165 fts	-	-
DY			-0.6511	0.0376 fts	-
DZ			0.3964	-0.7471	0.0252 fts
DX	NYKT	ROND AZ- 4	0.0204 fts	-	-
DY			-0.4630	0.0331 fts	-
DZ			0.2655	-0.6726	0.0386 fts

DX	NYKT	ROND AZ-2	0.0122 fts	-	-
DY			-0.4570	0.0213 fts	-
DZ			0.2704	-0.6677	0.0234 fts
DX	NYKT	ROND AZ-1	0.0122 fts	-	-
DY			-0.4384	0.0228 fts	-
DZ			0.2731	-0.6863	0.0238 fts
DX	NYKT	NEV AZ-3	0.0209 fts	-	-
DY			-0.5806	0.0506 fts	-
DZ			0.3118	-0.7742	0.0400 fts
DX	NYKT	EBDR AZ-28	0.0153 fts	-	-
DY			-0.3743	0.0311 fts	-
DZ			0.5165	-0.7753	0.0381 fts
DX	NYKT	EBDR AZ-27	0.0157 fts	-	-
DY			-0.3757	0.0310 fts	-
DZ			0.5068	-0.7662	0.0400 fts
DX	NYKT	EBDR AZ-25 OLD	0.0260 fts	-	-
DY			-0.3172	0.0460 fts	-
DZ			-0.1827	-0.4598	0.0569 fts
DX	NYKT	EBDR AZ-24	0.0145 fts	-	-
DY			-0.3763	0.0273 fts	-
DZ			0.4165	-0.5490	0.0221 fts
DX	NYKT	ASH AZ-8	0.0107 fts	-	-
DY			-0.2026	0.0322 fts	-
DZ			0.4135	-0.6701	0.0267 fts
DX	NYKT	ASH AZ-7	0.0131 fts	-	-
DY			-0.1740	0.0415 fts	-
DZ			0.3845	-0.6950	0.0336 fts
DX	NYKT	ASH AZ-5 OLD	0.0132 fts	-	-
DY			-0.5787	0.0317 fts	-
DZ			0.3509	-0.7546	0.0223 fts
DX	NYKT	ASH AZ-4	0.0404 fts	-	-
DY			-0.7799	0.0510 fts	-
DZ			0.6590	-0.5308	0.0601 fts
DX	NYKT	ASH AZ-30 OLD	0.0170 fts	-	-
DY			-0.3345	0.0536 fts	-
DZ			0.4238	-0.6294	0.0354 fts
DX	NYKT	ASH AZ-3	0.0194 fts	-	-
DY			-0.7625	0.0280 fts	-
DZ			0.4490	-0.5925	0.0201 fts
DX	NYKT	ASH AZ-29 OLD	0.0239 fts	-	-
DY			-0.3821	0.0587 fts	-
DZ			0.4405	-0.5007	0.0437 fts
DX	NYKT	ASH AZ-28	0.0090 fts	-	-
DY			-0.4354	0.0158 fts	-
DZ			-0.1147	-0.4802	0.0173 fts

DX	NYKT	ASH AZ-27	0.0116 fts	-	-
DY			-0.4503	0.0212 fts	-
DZ			-0.0511	-0.4894	0.0218 fts
DX	NYKT	ASH AZ-26 OLD	0.0110 fts	-	-
DY			-0.3542	0.0181 fts	-
DZ			-0.1931	-0.4160	0.0219 fts
DX	NYKT	ASH AZ-25 OLD	0.0108 fts	-	-
DY			-0.3588	0.0178 fts	-
DZ			-0.2083	-0.4214	0.0218 fts
DX	NYKT	ASH AZ-24	0.0256 fts	-	-
DY			-0.3301	0.0561 fts	-
DZ			-0.0763	-0.6155	0.0531 fts
DX	NYKT	ASH AZ-23	0.0256 fts	-	-
DY			-0.4596	0.0491 fts	-
DZ			0.0296	-0.5344	0.0459 fts
DX	NYKT	ASH AZ-22 OLD	0.0118 fts	-	-
DY			-0.5378	0.0249 fts	-
DZ			0.2728	-0.5234	0.0189 fts
DX	NYKT	ASH AZ-21 OLD	0.0207 fts	-	-
DY			-0.4933	0.0438 fts	-
DZ			0.2465	-0.5256	0.0342 fts
DX	NYKT	ASH AZ-20	0.0105 fts	-	-
DY			-0.3160	0.0247 fts	-
DZ			0.4987	-0.5132	0.0222 fts
DX	NYKT	ASH AZ-2	0.0252 fts	-	-
DY			-0.4898	0.0427 fts	-
DZ			0.6103	-0.7734	0.0482 fts
DX	NYKT	ASH AZ-19	0.0108 fts	-	-
DY			-0.3004	0.0262 fts	-
DZ			0.4592	-0.5304	0.0223 fts
DX	NYKT	ASH AZ-18	0.0193 fts	-	-
DY			-0.8196	0.0331 fts	-
DZ			0.5448	-0.6967	0.0214 fts
DX	NYKT	ASH AZ-17	0.0272 fts	-	-
DY			-0.7866	0.0463 fts	-
DZ			0.4079	-0.6824	0.0330 fts
DX	NYKT	ASH AZ-16	0.0145 fts	-	-
DY			-0.2442	0.0261 fts	-
DZ			0.1316	-0.6157	0.0221 fts
DX	NYKT	ASH AZ-15	0.0168 fts	-	-
DY			-0.2499	0.0297 fts	-
DZ			0.1567	-0.6176	0.0245 fts

DX	NYKT	ASH AZ-14	0.0201 fts	-	-
DY			-0.4771	0.0351 fts	-
DZ			0.2789	-0.6458	0.0369 fts
DX	NYKT	ASH AZ-13	0.0153 fts	-	-
DY			-0.5002	0.0220 fts	-
DZ			0.2593	-0.6246	0.0277 fts
DX	NYKT	ASH AZ-12 OLD	0.0178 fts	-	-
DY			-0.2993	0.0503 fts	-
DZ			0.2297	-0.7712	0.0390 fts
DX	NYKT	ASH AZ-11 OLD	0.0197 fts	-	-
DY			-0.3513	0.0454 fts	-
DZ			0.2554	-0.7318	0.0418 fts
DX	NYKT	ASH AZ-10	0.0232 fts	-	-
DY			-0.5165	0.0387 fts	-
DZ			0.3280	-0.6863	0.0358 fts
DX	NYKT	ASH AZ-1	0.0130 fts	-	-
DY			-0.4737	0.0216 fts	-
DZ			0.5983	-0.7599	0.0231 fts
DX	WBDR AZ-12	WBDR AZ-11	0.0084 fts	-	-
DY			-0.1733	0.0223 fts	-
DZ			0.3411	-0.6873	0.0200 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	0.0169 fts	-	-
DY			-0.2921	0.0306 fts	-
DZ			0.1993	-0.6374	0.0270 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	0.0318 fts	-	-
DY			-0.5464	0.0460 fts	-
DZ			0.6473	-0.7719	0.0438 fts
DX	EBDR AZ-22	EBDR AZ-8	0.0206 fts	-	-
DY			-0.1971	0.0511 fts	-
DZ			0.0848	-0.6604	0.0358 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	0.0516 fts	-	-
DY			-0.4977	0.1111 fts	-
DZ			0.2395	-0.6388	0.0691 fts
DX	EBDR AZ-22	EBDR AZ-21	0.0067 fts	-	-
DY			-0.1326	0.0174 fts	-
DZ			0.1595	-0.6888	0.0140 fts
DX	BOICEVILLE	EBDR AZ-28	0.0201 fts	-	-
DY			-0.4965	0.0407 fts	-
DZ			0.6003	-0.8128	0.0487 fts
DX	BOICEVILLE	EBDR AZ-27	0.0196 fts	-	-
DY			-0.3844	0.0391 fts	-
DZ			0.4955	-0.7667	0.0488 fts
		EBDR AZ-			

DX	BOICEVILLE	14 OLD	0.0191 fts	-	-
DY			-0.3959	0.0296 fts	-
DZ			0.3772	-0.6586	0.0264 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	0.0203 fts	-	-
DY			-0.4772	0.0303 fts	-
DZ			0.4230	-0.6885	0.0260 fts
DX	BOICEVILLE	ASH AZ-8	0.0136 fts	-	-
DY			-0.2180	0.0409 fts	-
DZ			0.4385	-0.6747	0.0350 fts
DX	BOICEVILLE	ASH AZ-7	0.0161 fts	-	-
DY			-0.1707	0.0511 fts	-
DZ			0.3780	-0.6958	0.0411 fts
DX	BOICEVILLE	ASH AZ-5 OLD	0.0164 fts	-	-
DY			-0.5680	0.0399 fts	-
DZ			0.3370	-0.7624	0.0286 fts
DX	BOICEVILLE	ASH AZ-4	0.0394 fts	-	-
DY			-0.7944	0.0535 fts	-
DZ			0.5602	-0.5887	0.0458 fts
DX	BOICEVILLE	ASH AZ-30 OLD	0.0074 fts	-	-
DY			-0.2996	0.0227 fts	-
DZ			0.4044	-0.6136	0.0153 fts
DX	BOICEVILLE	ASH AZ-3	0.0240 fts	-	-
DY			-0.7668	0.0346 fts	-
DZ			0.4597	-0.5966	0.0250 fts
DX	BOICEVILLE	ASH AZ-29 OLD	0.0058 fts	-	-
DY			-0.3811	0.0144 fts	-
DZ			0.4467	-0.5032	0.0108 fts
DX	BOICEVILLE	ASH AZ-28	0.0046 fts	-	-
DY			-0.4355	0.0081 fts	-
DZ			-0.1175	-0.4805	0.0089 fts
DX	BOICEVILLE	ASH AZ-27	0.0047 fts	-	-
DY			-0.4506	0.0086 fts	-
DZ			-0.0510	-0.4893	0.0089 fts
DX	BOICEVILLE	ASH AZ-26 OLD	0.0051 fts	-	-
DY			-0.3539	0.0084 fts	-
DZ			-0.2024	-0.4153	0.0103 fts
DX	BOICEVILLE	ASH AZ-25 OLD	0.0050 fts	-	-
DY			-0.3594	0.0082 fts	-
DZ			-0.2118	-0.4201	0.0101 fts
DX	BOICEVILLE	ASH AZ-24	0.0099 fts	-	-
DY			-0.3472	0.0211 fts	-
DZ			-0.0713	-0.5991	0.0202 fts
DX	BOICEVILLE	ASH AZ-23	0.0107 fts	-	-
DY			-0.4145	0.0222 fts	-
DZ			-0.0055	-0.5798	0.0205 fts

DX	BOICEVILLE	ASH AZ-22 OLD	0.0076 fts	-	-
DY			-0.5302	0.0161 fts	-
DZ			0.2703	-0.5225	0.0123 fts
DX	BOICEVILLE	ASH AZ-21 OLD	0.0088 fts	-	-
DY			-0.5042	0.0186 fts	-
DZ			0.2521	-0.5250	0.0144 fts
DX	BOICEVILLE	ASH AZ-20	0.0062 fts	-	-
DY			-0.3179	0.0148 fts	-
DZ			0.4906	-0.5219	0.0129 fts
DX	BOICEVILLE	ASH AZ-19	0.0061 fts	-	-
DY			-0.3070	0.0149 fts	-
DZ			0.4725	-0.5337	0.0127 fts
DX	BOICEVILLE	ASH AZ-18	0.0149 fts	-	-
DY			-0.8162	0.0256 fts	-
DZ			0.5418	-0.7023	0.0162 fts
DX	BOICEVILLE	ASH AZ-17	0.0169 fts	-	-
DY			-0.8036	0.0286 fts	-
DZ			0.4638	-0.6887	0.0194 fts
DX	BOICEVILLE	ASH AZ-16	0.0076 fts	-	-
DY			-0.2415	0.0136 fts	-
DZ			0.1321	-0.6156	0.0115 fts
DX	BOICEVILLE	ASH AZ-15	0.0088 fts	-	-
DY			-0.2492	0.0156 fts	-
DZ			0.1566	-0.6175	0.0129 fts
DX	BOICEVILLE	ASH AZ-14	0.0143 fts	-	-
DY			-0.4712	0.0249 fts	-
DZ			0.2748	-0.6456	0.0265 fts
DX	BOICEVILLE	ASH AZ-13	0.0103 fts	-	-
DY			-0.5006	0.0149 fts	-
DZ			0.2592	-0.6241	0.0188 fts
DX	BOICEVILLE	ASH AZ-12 OLD	0.0104 fts	-	-
DY			-0.3051	0.0291 fts	-
DZ			0.2328	-0.7697	0.0227 fts
DX	BOICEVILLE	ASH AZ-11 OLD	0.0116 fts	-	-
DY			-0.3549	0.0265 fts	-
DZ			0.2588	-0.7314	0.0238 fts
DX	BOICEVILLE	ASH AZ-1	0.0183 fts	-	-
DY			-0.4444	0.0307 fts	-
DZ			0.5706	-0.7467	0.0329 fts
DX	EBDR AZ-28	EBDR AZ-27	0.0066 fts	-	-
DY			-0.3622	0.0134 fts	-
DZ			0.4994	-0.7721	0.0169 fts

DX	EBDR AZ-15	EBDR AZ-2	0.0193 fts	-	-
DY			-0.6220	0.0268 fts	-
DZ			0.3177	-0.5294	0.0246 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	0.0068 fts	-	-
DY			-0.6580	0.0094 fts	-
DZ			0.3395	-0.5333	0.0082 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	0.0186 fts	-	-
DY			-0.2939	0.0335 fts	-
DZ			0.2147	-0.6392	0.0295 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	0.0229 fts	-	-
DY			-0.4795	0.0428 fts	-
DZ			0.2854	-0.6449	0.0376 fts
DX	SUNDOWN	ROND AZ-8	0.0068 fts	-	-
DY			-0.7888	0.0098 fts	-
DZ			0.4789	-0.6057	0.0067 fts
DX	SUNDOWN	ROND AZ-7	0.0068 fts	-	-
DY			-0.7937	0.0098 fts	-
DZ			0.5001	-0.6183	0.0068 fts
DX	SUNDOWN	ROND AZ-6	0.0063 fts	-	-
DY			-0.6259	0.0138 fts	-
DZ			0.3636	-0.7266	0.0097 fts
DX	SUNDOWN	ROND AZ-5	0.0063 fts	-	-
DY			-0.6475	0.0145 fts	-
DZ			0.3935	-0.7516	0.0098 fts
DX	SUNDOWN	ROND AZ-4	0.0109 fts	-	-
DY			-0.4805	0.0165 fts	-
DZ			0.2617	-0.6646	0.0204 fts
DX	SUNDOWN	ROND AZ-3	0.0102 fts	-	-
DY			-0.4845	0.0153 fts	-
DZ			0.2624	-0.6567	0.0187 fts
DX	SUNDOWN	ROND AZ-2	0.0078 fts	-	-
DY			-0.4570	0.0135 fts	-
DZ			0.2704	-0.6677	0.0149 fts
DX	SUNDOWN	ROND AZ-1	0.0074 fts	-	-
DY			-0.4384	0.0138 fts	-
DZ			0.2731	-0.6863	0.0144 fts
DX	SUNDOWN	NEV AZ-4	0.0123 fts	-	-
DY			-0.6536	0.0275 fts	-
DZ			0.3569	-0.7437	0.0208 fts
DX	SUNDOWN	NEV AZ-3	0.0127 fts	-	-
DY			-0.6135	0.0322 fts	-
DZ			0.3694	-0.7841	0.0236 fts
DX	SUNDOWN	NEV AZ-2	0.0228 fts	-	-

DY			-0.7184	0.0356 fts	-
DZ			0.4285	-0.5594	0.0241 fts
DX	SUNDOWN	NEV AZ-1	0.0185 fts	-	-
DY			-0.6087	0.0404 fts	-
DZ			0.4496	-0.5678	0.0207 fts
DX	ASH AZ-1	EBDR AZ-14 OLD	0.0316 fts	-	-
DY			-0.4274	0.0489 fts	-
DZ			0.5276	-0.7156	0.0458 fts
DX	ASH AZ-16	ASH AZ-15	0.0064 fts	-	-
DY			-0.2482	0.0114 fts	-
DZ			0.1384	-0.6186	0.0096 fts
DX	CLARYVILLE	ROND AZ-8	0.0251 fts	-	-
DY			-0.7867	0.0362 fts	-
DZ			0.4703	-0.6027	0.0244 fts
DX	CLARYVILLE	ROND AZ-7	0.0220 fts	-	-
DY			-0.7933	0.0318 fts	-
DZ			0.5017	-0.6193	0.0220 fts
DX	CLARYVILLE	ROND AZ-6	0.0099 fts	-	-
DY			-0.6187	0.0220 fts	-
DZ			0.3605	-0.7370	0.0156 fts
DX	CLARYVILLE	ROND AZ-5	0.0109 fts	-	-
DY			-0.6392	0.0256 fts	-
DZ			0.3917	-0.7662	0.0173 fts
DX	CLARYVILLE	ROND AZ-4	0.0134 fts	-	-
DY			-0.6301	0.0182 fts	-
DZ			0.3592	-0.6906	0.0201 fts
DX	CLARYVILLE	ROND AZ-3	0.0112 fts	-	-
DY			-0.6312	0.0154 fts	-
DZ			0.3552	-0.6787	0.0169 fts
DX	CLARYVILLE	ROND AZ-2	0.0207 fts	-	-
DY			-0.6859	0.0327 fts	-
DZ			0.4380	-0.7167	0.0306 fts
DX	CLARYVILLE	ROND AZ-1	0.0197 fts	-	-
DY			-0.6860	0.0336 fts	-
DZ			0.4648	-0.7434	0.0299 fts
DX	CLARYVILLE	NEV AZ-4	0.0076 fts	-	-
DY			-0.6496	0.0174 fts	-
DZ			0.3599	-0.7536	0.0131 fts
DX	CLARYVILLE	NEV AZ-3	0.0088 fts	-	-
DY			-0.6038	0.0203 fts	-
DZ			0.3348	-0.7538	0.0154 fts
DX	CLARYVILLE	NEV AZ-2	0.0220 fts	-	-
DY			-0.7713	0.0324 fts	-
DZ			0.5837	-0.5983	0.0235 fts
DX	CLARYVILLE	NEV AZ-1	0.0130 fts	-	-

DY			-0.7029	0.0272 fts	-
DZ			0.4967	-0.6224	0.0134 fts
DX	WBDR AZ-24	WBDR AZ-23	0.0024 fts	-	-
DY			-0.3482	0.0051 fts	-
DZ			0.2914	-0.7206	0.0050 fts
DX	WBDR AZ-29	WBDR AZ-30	0.0038 fts	-	-
DY			-0.3367	0.0063 fts	-
DZ			-0.2126	-0.4311	0.0078 fts
DX	ROND AZ-7	ROND AZ- 8	0.0071 fts	-	-
DY			-0.7911	0.0101 fts	-
DZ			0.4994	-0.6106	0.0071 fts
DX	ROND AZ-7	NEV AZ-2	0.0285 fts	-	-
DY			-0.7754	0.0434 fts	-
DZ			0.5129	-0.5992	0.0286 fts
DX	MARGARETVILLE	WBDR AZ-24	0.0132 fts	-	-
DY			-0.3654	0.0286 fts	-
DZ			0.3045	-0.7261	0.0278 fts
DX	MARGARETVILLE	WBDR AZ-18	0.0169 fts	-	-
DY			-0.4673	0.0265 fts	-
DZ			0.2835	-0.6513	0.0227 fts
DX	MARGARETVILLE	WBDR AZ-17	0.0224 fts	-	-
DY			-0.4649	0.0350 fts	-
DZ			0.2808	-0.6491	0.0306 fts
DX	MARGARETVILLE	EBDR AZ- 9	0.0036 fts	-	-
DY			-0.4294	0.0066 fts	-
DZ			-0.0865	-0.5004	0.0071 fts
DX	MARGARETVILLE	EBDR AZ- 8	0.0078 fts	-	-
DY			-0.2129	0.0147 fts	-
DZ			0.1318	-0.6188	0.0116 fts
DX	MARGARETVILLE	EBDR AZ- 7 OLD	0.0129 fts	-	-
DY			-0.3131	0.0218 fts	-
DZ			0.1776	-0.6153	0.0178 fts
DX	MARGARETVILLE	EBDR AZ- 6	0.0061 fts	-	-
DY			-0.3446	0.0149 fts	-
DZ			0.3880	-0.5127	0.0111 fts
DX	MARGARETVILLE	EBDR AZ- 5	0.0054 fts	-	-
DY			-0.3623	0.0128 fts	-
DZ			0.3982	-0.4981	0.0098 fts
DX	MARGARETVILLE	EBDR AZ- 4	0.0123 fts	-	-
DY			-0.4834	0.0186 fts	-
DZ			0.2458	-0.6507	0.0207 fts
DX	MARGARETVILLE	EBDR AZ- 3	0.0112 fts	-	-

DY			-0.4543	0.0172 fts	-
DZ			0.2186	-0.6480	0.0200 fts
DX	MARGARETVILLE	EBDR AZ-28	0.0100 fts	-	-
DY			-0.3548	0.0200 fts	-
DZ			0.4895	-0.7617	0.0245 fts
DX	MARGARETVILLE	EBDR AZ-27	0.0114 fts	-	-
DY			-0.3394	0.0227 fts	-
DZ			0.4645	-0.7536	0.0286 fts
DX	MARGARETVILLE	EBDR AZ-26	0.0060 fts	-	-
DY			-0.3811	0.0114 fts	-
DZ			-0.2056	-0.4717	0.0119 fts
DX	MARGARETVILLE	EBDR AZ-25 OLD	0.0109 fts	-	-
DY			-0.3329	0.0186 fts	-
DZ			-0.1845	-0.4456	0.0235 fts
DX	MARGARETVILLE	EBDR AZ-24	0.0069 fts	-	-
DY			-0.3765	0.0131 fts	-
DZ			0.4180	-0.5489	0.0106 fts
DX	MARGARETVILLE	EBDR AZ-23	0.0068 fts	-	-
DY			-0.3696	0.0130 fts	-
DZ			0.3953	-0.5317	0.0108 fts
DX	MARGARETVILLE	EBDR AZ-22	0.0150 fts	-	-
DY			-0.1308	0.0415 fts	-
DZ			0.1394	-0.6950	0.0307 fts
DX	MARGARETVILLE	EBDR AZ-21	0.0214 fts	-	-
DY			-0.1975	0.0455 fts	-
DZ			0.2091	-0.6519	0.0394 fts
DX	MARGARETVILLE	EBDR AZ-20	0.0096 fts	-	-
DY			-0.5607	0.0224 fts	-
DZ			0.4061	-0.5403	0.0151 fts
DX	MARGARETVILLE	EBDR AZ-2	0.0116 fts	-	-
DY			-0.6268	0.0158 fts	-
DZ			0.3171	-0.5240	0.0147 fts
DX	MARGARETVILLE	EBDR AZ-19	0.0076 fts	-	-
DY			-0.4022	0.0181 fts	-
DZ			0.3280	-0.5396	0.0131 fts
DX	MARGARETVILLE	EBDR AZ-18	0.0072 fts	-	-
DY			-0.4549	0.0110 fts	-
DZ			0.2086	-0.6400	0.0126 fts
DX	MARGARETVILLE	EBDR AZ-17	0.0109 fts	-	-
DY			0.4164	0.0115 fts	-
DZ			-0.6431	-0.6356	0.0117 fts
DX	MARGARETVILLE	EBDR AZ-	0.0089 fts	-	-

		16 OLD			
DY			-0.6621	0.0122 fts	-
DZ			0.3408	-0.5307	0.0107 fts
DX	MARGARETVILLE	EBDR AZ-15	0.0085 fts	-	-
DY			-0.6513	0.0120 fts	-
DZ			0.3422	-0.5449	0.0103 fts
DX	MARGARETVILLE	EBDR AZ-14 OLD	0.0063 fts	-	-
DY			-0.3918	0.0097 fts	-
DZ			0.3700	-0.6573	0.0086 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	0.0057 fts	-	-
DY			-0.4374	0.0087 fts	-
DZ			0.3805	-0.6712	0.0076 fts
DX	MARGARETVILLE	EBDR AZ-12	0.0101 fts	-	-
DY			-0.7010	0.0211 fts	-
DZ			0.4062	-0.7334	0.0150 fts
DX	MARGARETVILLE	EBDR AZ-11	0.0067 fts	-	-
DY			-0.7176	0.0140 fts	-
DZ			0.4393	-0.7297	0.0093 fts
DX	MARGARETVILLE	EBDR AZ-10	0.0036 fts	-	-
DY			-0.4443	0.0066 fts	-
DZ			-0.0735	-0.4953	0.0070 fts
DX	MARGARETVILLE	EBDR AZ-1	0.0100 fts	-	-
DY			-0.6566	0.0139 fts	-
DZ			0.3439	-0.5400	0.0122 fts
DX	MARGARETVILLE	ASH AZ-8	0.0139 fts	-	-
DY			-0.2009	0.0423 fts	-
DZ			0.4122	-0.6764	0.0350 fts
DX	MARGARETVILLE	ASH AZ-7	0.0186 fts	-	-
DY			-0.1766	0.0593 fts	-
DZ			0.3822	-0.7015	0.0484 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	0.0177 fts	-	-
DY			-0.5840	0.0486 fts	-
DZ			0.3679	-0.8109	0.0334 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	0.0144 fts	-	-
DY			-0.5784	0.0344 fts	-
DZ			0.3485	-0.7521	0.0244 fts
DX	MARGARETVILLE	ASH AZ-3	0.0263 fts	-	-
DY			-0.7625	0.0381 fts	-
DZ			0.4490	-0.5925	0.0273 fts
DX	MARGARETVILLE	ASH AZ-23	0.0363 fts	-	-
DY			-0.6169	0.0747 fts	-
DZ			0.1068	-0.6421	0.0553 fts
DX	MARGARETVILLE	ASH AZ-18	0.0262 fts	-	-
DY			-0.8186	0.0449 fts	-

DZ			0.5433	-0.6986	0.0292 fts
DX	MARGARETVILLE	ASH AZ-17	0.0297 fts	-	-
DY			-0.7867	0.0505 fts	-
DZ			0.4083	-0.6825	0.0360 fts
DX	MARGARETVILLE	ASH AZ-16	0.0184 fts	-	-
DY			-0.2602	0.0331 fts	-
DZ			0.1381	-0.6257	0.0282 fts
DX	MARGARETVILLE	ASH AZ-15	0.0209 fts	-	-
DY			-0.2430	0.0373 fts	-
DZ			0.1508	-0.6172	0.0308 fts
DX	MARGARETVILLE	ASH AZ-14	0.0366 fts	-	-
DY			-0.7378	0.0585 fts	-
DZ			0.4714	-0.7085	0.0494 fts
DX	MARGARETVILLE	ASH AZ-13	0.0213 fts	-	-
DY			-0.5002	0.0307 fts	-
DZ			0.2593	-0.6246	0.0386 fts
DX	WBDR AZ-20	WBDR AZ-19 OLD	0.0083 fts	-	-
DY			-0.7743	0.0163 fts	-
DZ			0.4993	-0.7295	0.0104 fts
DX	WBDR AZ-2	WBDR AZ-1	0.0060 fts	-	-
DY			-0.3484	0.0104 fts	-
DZ			0.4679	-0.6988	0.0104 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0157 fts	-	-
DY			-0.5319	0.0329 fts	-
DZ			0.2259	-0.7560	0.0260 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0192 fts	-	-
DY			-0.6207	0.0426 fts	-
DZ			0.3139	-0.7960	0.0312 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0240 fts	-	-
DY			-0.2190	0.0459 fts	-
DZ			-0.0423	-0.6851	0.0463 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0189 fts	-	-
DY			-0.2133	0.0367 fts	-
DZ			-0.0048	-0.6615	0.0363 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.0273 fts	-	-
DY			-0.1703	0.0512 fts	-
DZ			0.2771	-0.6139	0.0294 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.0160 fts	-	-
DY			0.0134	0.0320 fts	-
DZ			0.1266	-0.6128	0.0205 fts
DX	EBDR AZ-16 NEW	EBDR AZ-	0.0241 fts	-	-

		14 NEW			
DY			-0.5151	0.0412 fts	-
DZ			0.2577	-0.6142	0.0311 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0162 fts	-	-
DY			-0.2033	0.0395 fts	-
DZ			0.3037	-0.7130	0.0377 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0079 fts	-	-
DY			-0.6120	0.0113 fts	-
DZ			0.3643	-0.6052	0.0120 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0115 fts	-	-
DY			-0.5256	0.0172 fts	-
DZ			0.3076	-0.6884	0.0206 fts
DX	SHANDAKEN	ASH AZ 11 NEW	0.0168 fts	-	-
DY			-0.5143	0.0288 fts	-
DZ			0.1811	-0.6952	0.0228 fts
DX	SHANDAKEN	ASH AZ 11 NEW	0.0108 fts	-	-
DY			-0.4346	0.0191 fts	-
DZ			0.1870	-0.6979	0.0156 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0175 fts	-	-
DY			-0.6114	0.0376 fts	-
DZ			0.2705	-0.7933	0.0286 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0240 fts	-	-
DY			-0.6932	0.0365 fts	-
DZ			0.2537	-0.6462	0.0244 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0110 fts	-	-
DY			-0.6296	0.0230 fts	-
DZ			0.2967	-0.7838	0.0165 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0173 fts	-	-
DY			-0.7049	0.0264 fts	-
DZ			0.3014	-0.6706	0.0167 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0098 fts	-	-
DY			-0.3595	0.0234 fts	-
DZ			0.1727	-0.6191	0.0170 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0163 fts	-	-
DY			-0.3931	0.0375 fts	-
DZ			0.0285	-0.6369	0.0305 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0204 fts	-	-
DY			-0.5212	0.0351 fts	-
DZ			0.2446	-0.6136	0.0273 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0182 fts	-	-

DY			-0.2038	0.0435 fts	-
DZ			0.2923	-0.7101	0.0418 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0163 fts	-	-
DY			-0.7448	0.0245 fts	-
DZ			0.4179	-0.5963	0.0152 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0162 fts	-	-
DY			-0.7209	0.0237 fts	-
DZ			0.3894	-0.5648	0.0156 fts
DX	ASH AZ-10	ASH AZ-9	0.0209 fts	-	-
DY			-0.7737	0.0315 fts	-
DZ			0.6294	-0.8108	0.0223 fts
DX	ASH AZ-10	ASH AZ-9	0.0263 fts	-	-
DY			-0.7427	0.0410 fts	-
DZ			0.4358	-0.6530	0.0252 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	0.0090 fts	-	-
DY			-0.6168	0.0128 fts	-
DZ			0.3660	-0.6060	0.0134 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	0.0103 fts	-	-
DY			-0.5256	0.0153 fts	-
DZ			0.3072	-0.6878	0.0184 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	0.0066 fts	-	-
DY			-0.6269	0.0093 fts	-
DZ			0.3453	-0.5846	0.0087 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	0.0131 fts	-	-
DY			-0.5257	0.0195 fts	-
DZ			0.3077	-0.6884	0.0234 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	0.0083 fts	-	-
DY			-0.6158	0.0119 fts	-
DZ			0.3670	-0.6060	0.0126 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	0.0094 fts	-	-
DY			-0.5256	0.0140 fts	-
DZ			0.3072	-0.6878	0.0168 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	0.0068 fts	-	-
DY			-0.6208	0.0095 fts	-
DZ			0.3426	-0.5880	0.0091 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	0.0121 fts	-	-
DY			-0.5257	0.0180 fts	-
DZ			0.3077	-0.6884	0.0216 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	0.0193 fts	-	-
DY			-0.6502	0.0383 fts	-
DZ			0.3030	-0.7892	0.0276 fts

DX	ASH AZ-22 OLD	U279 RESET 1973	0.0230 fts	-	-
DY			-0.6932	0.0350 fts	-
DZ			0.2535	-0.6459	0.0234 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0132 fts	-	-
DY			-0.6600	0.0260 fts	-
DZ			0.3129	-0.7843	0.0185 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0221 fts	-	-
DY			-0.7615	0.0355 fts	-
DZ			0.4762	-0.7051	0.0216 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0172 fts	-	-
DY			-0.6835	0.0234 fts	-
DZ			0.4020	-0.7091	0.0243 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0217 fts	-	-
DY			-0.5442	0.0323 fts	-
DZ			0.3147	-0.6914	0.0367 fts
DX	ANDES	WBDR AZ-30	0.0122 fts	-	-
DY			-0.4630	0.0254 fts	-
DZ			0.2311	-0.5186	0.0207 fts
DX	ANDES	WBDR AZ-30	0.0115 fts	-	-
DY			-0.3291	0.0205 fts	-
DZ			-0.1938	-0.4446	0.0235 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0112 fts	-	-
DY			-0.5219	0.0157 fts	-
DZ			0.2644	-0.5886	0.0186 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0064 fts	-	-
DY			-0.3467	0.0107 fts	-
DZ			-0.2098	-0.4371	0.0132 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0228 fts	-	-
DY			-0.6974	0.0308 fts	-
DZ			0.4139	-0.7125	0.0315 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0249 fts	-	-
DY			-0.5318	0.0376 fts	-
DZ			0.2932	-0.6846	0.0420 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	0.0085 fts	-	-
DY			-0.4606	0.0176 fts	-
DZ			0.1932	-0.5528	0.0139 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	0.0116 fts	-	-
DY			-0.4674	0.0228 fts	-

DZ			0.0509	-0.5492	0.0201 fts
DX	ASH AZ-27	ASH AZ-28	0.0046 fts	-	-
DY			-0.4277	0.0082 fts	-
DZ			-0.1297	-0.4829	0.0091 fts
DX	ASH AZ-27	ASH AZ-28	0.0070 fts	-	-
DY			-0.4334	0.0134 fts	-
DZ			0.3622	-0.4726	0.0113 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0092 fts	-	-
DY			-0.0631	0.0234 fts	-
DZ			0.0877	-0.7101	0.0137 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0135 fts	-	-
DY			-0.0339	0.0330 fts	-
DZ			0.0993	-0.6327	0.0195 fts
DX	NYON	WBDR AZ-30	0.0088 fts	-	-
DY			-0.4630	0.0185 fts	-
DZ			0.2311	-0.5186	0.0151 fts
DX	NYON	WBDR AZ-30	0.0085 fts	-	-
DY			-0.3445	0.0142 fts	-
DZ			-0.1974	-0.4269	0.0174 fts
DX	NYON	WBDR AZ-29	0.0168 fts	-	-
DY			-0.4093	0.0375 fts	-
DZ			0.3265	-0.4947	0.0285 fts
DX	NYON	WBDR AZ-29	0.0106 fts	-	-
DY			-0.3431	0.0176 fts	-
DZ			-0.2105	-0.4399	0.0217 fts
DX	NYON	WBDR AZ-23	0.0196 fts	-	-
DY			-0.3195	0.0321 fts	-
DZ			-0.2556	-0.4407	0.0419 fts
DX	NYON	WBDR AZ-23	0.0065 fts	-	-
DY			-0.2993	0.0141 fts	-
DZ			0.2549	-0.7086	0.0141 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0217 fts	-	-
DY			-0.5168	0.0397 fts	-
DZ			0.1624	-0.7053	0.0452 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0170 fts	-	-
DY			-0.2550	0.0321 fts	-
DZ			0.1325	-0.5161	0.0401 fts
DX	NYCS	WBDR AZ-30	0.0093 fts	-	-
DY			-0.4630	0.0193 fts	-
DZ			0.2311	-0.5186	0.0158 fts
DX	NYCS	WBDR AZ-30	0.0082 fts	-	-

DY			-0.3445	0.0136 fts	-
DZ			-0.1974	-0.4269	0.0167 fts
DX	NYCS	WBDR AZ-29	0.0138 fts	-	-
DY			-0.5156	0.0194 fts	-
DZ			0.2625	-0.5887	0.0231 fts
DX	NYCS	WBDR AZ-29	0.0177 fts	-	-
DY			-0.3872	0.0393 fts	-
DZ			0.3181	-0.4900	0.0304 fts
DX	EBDR AZ-13 OLD	EBDR AZ- 16 NEW	0.0255 fts	-	-
DY			-0.5194	0.0433 fts	-
DZ			0.2516	-0.6152	0.0322 fts
DX	EBDR AZ-13 OLD	EBDR AZ- 16 NEW	0.0199 fts	-	-
DY			-0.2213	0.0450 fts	-
DZ			0.2890	-0.7034	0.0447 fts
DX	EBDR AZ-15	EBDR AZ- 16 NEW	0.0085 fts	-	-
DY			-0.5481	0.0141 fts	-
DZ			0.2642	-0.6164	0.0102 fts
DX	EBDR AZ-15	EBDR AZ- 16 NEW	0.0069 fts	-	-
DY			-0.2391	0.0212 fts	-
DZ			0.4441	-0.7171	0.0180 fts
DX	ASH AZ-1	ASH AZ-2	0.0083 fts	-	-
DY			-0.4619	0.0142 fts	-
DZ			0.5889	-0.7611	0.0156 fts
DX	ASH AZ-1	ASH AZ-2	0.0096 fts	-	-
DY			-0.6211	0.0208 fts	-
DZ			0.5067	-0.8351	0.0175 fts
DX	WBDR AZ-20	D309 RESET 1995	0.0229 fts	-	-
DY			-0.7560	0.0335 fts	-
DZ			0.4889	-0.6229	0.0222 fts
DX	WBDR AZ-20	D309 RESET 1995	0.0230 fts	-	-
DY			-0.7367	0.0320 fts	-
DZ			0.4978	-0.5912	0.0235 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0172 fts	-	-
DY			-0.4698	0.0300 fts	-
DZ			0.2588	-0.6195	0.0239 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0191 fts	-	-
DY			-0.3185	0.0403 fts	-
DZ			0.3322	-0.6916	0.0413 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0082 fts	-	-
DY			-0.3120	0.0189 fts	-
DZ			0.4691	-0.6945	0.0204 fts
DX	EBDR AZ-14 OLD	EBDR AZ-	0.0161 fts	-	-

		15			
DY			-0.3684	0.0295 fts	-
DZ			0.2297	-0.6408	0.0259 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0210 fts	-	-
DY			-0.2670	0.0454 fts	-
DZ			0.3399	-0.6999	0.0481 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0239 fts	-	-
DY			-0.2915	0.0629 fts	-
DZ			0.5074	-0.6957	0.0607 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0117 fts	-	-
DY			-0.4047	0.0207 fts	-
DZ			0.2284	-0.6301	0.0174 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0132 fts	-	-
DY			-0.2605	0.0281 fts	-
DZ			0.3142	-0.6977	0.0296 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0174 fts	-	-
DY			-0.3120	0.0401 fts	-
DZ			0.4691	-0.6945	0.0432 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0201 fts	-	-
DY			-0.4776	0.0352 fts	-
DZ			0.2531	-0.6199	0.0281 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0222 fts	-	-
DY			-0.3427	0.0453 fts	-
DZ			0.3054	-0.6817	0.0451 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0151 fts	-	-
DY			-0.3036	0.0369 fts	-
DZ			0.4745	-0.7003	0.0381 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0058 fts	-	-
DY			-0.4289	0.0087 fts	-
DZ			0.3969	-0.6703	0.0076 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0080 fts	-	-
DY			-0.3453	0.0150 fts	-
DZ			0.2423	-0.6493	0.0135 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0090 fts	-	-
DY			-0.2900	0.0242 fts	-
DZ			0.4937	-0.6731	0.0220 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0095 fts	-	-
DY			-0.2932	0.0170 fts	-
DZ			0.2139	-0.6408	0.0151 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0136 fts	-	-
DY			-0.2574	0.0286 fts	-
DZ			0.3017	-0.6967	0.0300 fts

DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0164 fts	-	-
DY			-0.3120	0.0377 fts	-
DZ			0.4691	-0.6945	0.0407 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0216 fts	-	-
DY			-0.4697	0.0378 fts	-
DZ			0.2587	-0.6195	0.0300 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0247 fts	-	-
DY			-0.3567	0.0497 fts	-
DZ			0.2946	-0.6762	0.0486 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0136 fts	-	-
DY			-0.3008	0.0329 fts	-
DZ			0.4630	-0.7006	0.0341 fts

Adjustment Results

Coordinates

Station	Coordinate	Corr	Sd	
ANDES	Latitude	42° 11' 06.75373" N	-0.0241 fts	0.0048 fts
	Longitude	74° 48' 02.96005" W	0.0281 fts	0.0040 fts
	Height	1718.1460 fts	0.1264 fts	0.0093 fts
ASH AZ 11 NEW	Latitude	42° 06' 53.22606" N	-0.0902 fts	0.0162 fts
	Longitude	74° 21' 49.77683" W	0.0010 fts	0.0132 fts
	Height	881.3530 fts	0.0867 fts	0.0391 fts
ASH AZ 6 NEW	Latitude	42° 07' 48.54839" N	0.0019 fts	0.0240 fts
	Longitude	74° 28' 33.43992" W	0.0194 fts	0.0242 fts
	Height	1349.0016 fts	0.0217 fts	0.0509 fts
ASH AZ-1	Latitude	42° 02' 42.93008" N	-0.0091 fts	0.0109 fts
	Longitude	74° 26' 46.66178" W	0.0117 fts	0.0111 fts
	Height	1474.6630 fts	0.0662 fts	0.0298 fts
ASH AZ-10	Latitude	42° 09' 08.37256" N	-0.0045 fts	0.0213 fts
	Longitude	74° 24' 48.00740" W	0.0119 fts	0.0178 fts
	Height	1325.7474 fts	0.0521 fts	0.0490 fts
ASH AZ-11 OLD	Latitude	42° 06' 54.35797" N	-0.0796 fts	0.0108 fts
	Longitude	74° 21' 58.11295" W	0.0086 fts	0.0086 fts
	Height	882.4795 fts	0.0996 fts	0.0280 fts
ASH AZ-12 NEW	Latitude	42° 06' 48.75562" N	-0.0443 fts	0.0186 fts
	Longitude	74° 21' 37.52791" W	-0.0034 fts	0.0144 fts
	Height	873.2674 fts	0.1045 fts	0.0424 fts
ASH AZ-12 OLD	Latitude	42° 06' 53.26998" N	-0.0134 fts	0.0097 fts
	Longitude	74° 21' 49.12283" W	0.0129 fts	0.0078 fts
	Height	878.3143 fts	0.0992 fts	0.0262 fts
ASH AZ-13	Latitude	42° 07' 48.46573" N	-0.0120 fts	0.0096 fts
	Longitude	74° 15' 36.86843" W	0.0163 fts	0.0074 fts
	Height	1243.4399 fts	0.0669 fts	0.0195 fts
ASH AZ-14	Latitude	42° 07' 45.42023" N	-0.0059 fts	0.0113 fts
	Longitude	74° 15' 47.54492" W	0.0157 fts	0.0087 fts
	Height	1219.1946 fts	0.0453 fts	0.0240 fts
ASH AZ-15	Latitude	42° 06' 03.83005" N	-0.0179 fts	0.0082 fts

	Longitude	74° 18' 04.46157" W	0.0195 fts	0.0073 fts
	Height	933.9980 fts	0.0547 fts	0.0175 fts
ASH AZ-16	Latitude	42° 06' 05.29406" N	0.0302 fts	0.0078 fts
	Longitude	74° 17' 56.85940" W	0.0092 fts	0.0069 fts
	Height	952.2257 fts	0.0527 fts	0.0168 fts
ASH AZ-17	Latitude	42° 04' 58.27736" N	-0.0146 fts	0.0117 fts
	Longitude	74° 18' 56.95905" W	0.0172 fts	0.0083 fts
	Height	721.5933 fts	0.0574 fts	0.0257 fts
ASH AZ-18	Latitude	42° 04' 52.88673" N	-0.0129 fts	0.0108 fts
	Longitude	74° 19' 02.27548" W	0.0155 fts	0.0076 fts
	Height	728.1521 fts	0.0532 fts	0.0237 fts
ASH AZ-19	Latitude	42° 04' 03.86829" N	-0.0174 fts	0.0079 fts
	Longitude	74° 18' 27.66941" W	0.0229 fts	0.0056 fts
	Height	662.2575 fts	0.0614 fts	0.0165 fts
ASH AZ-2	Latitude	42° 02' 48.29647" N	-0.0059 fts	0.0125 fts
	Longitude	74° 26' 51.19274" W	0.0142 fts	0.0125 fts
	Height	1456.9628 fts	0.0233 fts	0.0352 fts
ASH AZ-20	Latitude	42° 03' 58.58393" N	-0.0216 fts	0.0081 fts
	Longitude	74° 18' 29.33155" W	0.0225 fts	0.0057 fts
	Height	659.8973 fts	0.0538 fts	0.0167 fts
ASH AZ-21 OLD	Latitude	42° 04' 26.83903" N	-0.0206 fts	0.0089 fts
	Longitude	74° 13' 23.59296" W	0.0361 fts	0.0062 fts
	Height	956.3069 fts	0.0742 fts	0.0178 fts
ASH AZ-22 OLD	Latitude	42° 04' 19.43045" N	-0.0269 fts	0.0083 fts
	Longitude	74° 13' 29.22511" W	0.0323 fts	0.0058 fts
	Height	941.5523 fts	0.0702 fts	0.0167 fts
ASH AZ-23	Latitude	42° 04' 01.80342" N	-0.0262 fts	0.0147 fts
	Longitude	74° 11' 07.04338" W	0.0222 fts	0.0100 fts
	Height	1011.8909 fts	0.0659 fts	0.0281 fts
ASH AZ-24	Latitude	42° 04' 04.69538" N	-0.0278 fts	0.0155 fts
	Longitude	74° 11' 19.50898" W	0.0246 fts	0.0106 fts
	Height	1024.4163 fts	0.0747 fts	0.0298 fts
ASH AZ-25 NEW	Latitude	42° 01' 59.09557" N	-0.0253 fts	0.0086 fts
	Longitude	74° 16' 30.82869" W	0.0288 fts	0.0065 fts
	Height	583.6952 fts	0.0617 fts	0.0167 fts
ASH AZ-25 OLD	Latitude	42° 01' 59.25913" N	-0.0201 fts	0.0073 fts
	Longitude	74° 16' 30.75743" W	0.0200 fts	0.0052 fts
	Height	584.3540 fts	0.0774 fts	0.0140 fts
ASH AZ-26 NEW	Latitude	42° 02' 21.24680" N	-0.0252 fts	0.0088 fts
	Longitude	74° 16' 42.99607" W	0.0291 fts	0.0067 fts
	Height	588.1780 fts	0.0604 fts	0.0175 fts
ASH AZ-26 OLD	Latitude	42° 02' 04.07647" N	-0.0221 fts	0.0074 fts
	Longitude	74° 16' 33.26645" W	0.0237 fts	0.0052 fts
	Height	586.1556 fts	0.0641 fts	0.0141 fts
ASH AZ-27	Latitude	42° 00' 19.63081" N	-0.0245 fts	0.0074 fts
	Longitude	74° 15' 59.12947" W	0.0264 fts	0.0052 fts
	Height	522.8047 fts	0.0735 fts	0.0144 fts
ASH AZ-28	Latitude	42° 00' 27.99201" N	-0.0275 fts	0.0073 fts
	Longitude	74° 16' 01.36214" W	0.0286 fts	0.0052 fts
	Height	540.6084 fts	0.0672 fts	0.0142 fts
ASH AZ-29 NEW	Latitude	41° 58' 00.64867" N	0.0622 fts	0.0203 fts
	Longitude	74° 17' 12.07993" W	0.0200 fts	0.0160 fts
	Height	573.2091 fts	0.4025 fts	0.0580 fts
ASH AZ-29 OLD	Latitude	41° 58' 17.30991" N	-0.0270 fts	0.0095 fts

	Longitude	74° 16' 38.04430" W	0.0314 fts	0.0066 fts
	Height	519.3409 fts	0.0687 fts	0.0194 fts
ASH AZ-3	Latitude	42° 06' 12.18347" N	0.0015 fts	0.0115 fts
	Longitude	74° 26' 42.14420" W	0.0123 fts	0.0093 fts
	Height	1117.0505 fts	0.0207 fts	0.0225 fts
ASH AZ-30 NEW	Latitude	41° 58' 02.08913" N	0.0620 fts	0.0263 fts
	Longitude	74° 17' 13.79662" W	0.0204 fts	0.0207 fts
	Height	573.6173 fts	0.4038 fts	0.0722 fts
ASH AZ-30 OLD	Latitude	41° 58' 09.94720" N	-0.0249 fts	0.0101 fts
	Longitude	74° 16' 37.59720" W	0.0287 fts	0.0071 fts
	Height	516.8434 fts	0.0684 fts	0.0222 fts
ASH AZ-4	Latitude	42° 06' 10.30189" N	0.0022 fts	0.0141 fts
	Longitude	74° 26' 35.49331" W	0.0140 fts	0.0115 fts
	Height	1113.5454 fts	0.0296 fts	0.0280 fts
ASH AZ-5 NEW	Latitude	42° 07' 46.11072" N	-0.0011 fts	0.0146 fts
	Longitude	74° 28' 27.10308" W	0.0141 fts	0.0132 fts
	Height	1384.6453 fts	0.0284 fts	0.0333 fts
ASH AZ-5 OLD	Latitude	42° 08' 02.95336" N	0.0007 fts	0.0076 fts
	Longitude	74° 28' 39.52507" W	0.0174 fts	0.0055 fts
	Height	1394.7406 fts	0.0159 fts	0.0193 fts
ASH AZ-6 OLD	Latitude	42° 07' 58.73592" N	-0.0045 fts	0.0088 fts
	Longitude	74° 28' 35.32772" W	0.0213 fts	0.0063 fts
	Height	1387.6495 fts	0.0344 fts	0.0234 fts
ASH AZ-7	Latitude	42° 07' 23.23703" N	-0.0067 fts	0.0080 fts
	Longitude	74° 24' 00.31469" W	0.0162 fts	0.0062 fts
	Height	989.4847 fts	0.0428 fts	0.0189 fts
ASH AZ-8	Latitude	42° 07' 16.18288" N	0.0093 fts	0.0081 fts
	Longitude	74° 23' 54.50053" W	0.0159 fts	0.0060 fts
	Height	969.1722 fts	0.0458 fts	0.0188 fts
ASH AZ-9	Latitude	42° 09' 01.60391" N	0.0255 fts	0.0262 fts
	Longitude	74° 24' 46.24295" W	-0.0022 fts	0.0228 fts
	Height	1297.7444 fts	-0.0438 fts	0.0612 fts
BOICEVILLE	Latitude	42° 00' 19.49143" N	-0.0365 fts	0.0056 fts
	Longitude	74° 15' 59.29587" W	0.0310 fts	0.0044 fts
	Height	523.4231 fts	0.0800 fts	0.0123 fts
CLARYVILLE	Latitude	41° 54' 58.11773" N	-0.0233 fts	0.0101 fts
	Longitude	74° 34' 22.10425" W	0.0164 fts	0.0077 fts
	Height	1518.2452 fts	-0.0030 fts	0.0219 fts
D309 RESET 1995	Latitude	42° 16' 23.48348" N	-0.0042 fts	0.0143 fts
	Longitude	74° 55' 19.12176" W	-0.0013 fts	0.0115 fts
	Height	1281.1679 fts	0.1817 fts	0.0283 fts
DELHI	Latitude	42° 16' 19.29110" N	-0.0069 fts	0.0068 fts
	Longitude	74° 55' 36.38558" W	-0.0090 fts	0.0055 fts
	Height	1456.9409 fts	0.1762 fts	0.0137 fts
EBDR AZ 7 NEW	Latitude	42° 08' 54.22970" N	-0.0042 fts	0.0189 fts
	Longitude	74° 41' 41.86201" W	0.0127 fts	0.0153 fts
	Height	1280.0789 fts	0.0687 fts	0.0366 fts
EBDR AZ-1	Latitude	42° 09' 45.13828" N	-0.0151 fts	0.0053 fts
	Longitude	74° 47' 49.36524" W	0.0188 fts	0.0044 fts
	Height	1421.3320 fts	0.0653 fts	0.0099 fts
EBDR AZ-10	Latitude	42° 08' 53.71127" N	0.0037 fts	0.0048 fts
	Longitude	74° 38' 45.80489" W	0.0050 fts	0.0029 fts
	Height	1218.8619 fts	0.0119 fts	0.0077 fts

EBDR AZ-11	Latitude	42° 08' 48.46454" N	0.0036 fts	0.0074 fts
	Longitude	74° 37' 24.72442" W	0.0046 fts	0.0050 fts
	Height	1255.6925 fts	0.0108 fts	0.0172 fts
EBDR AZ-12	Latitude	42° 08' 48.91478" N	0.0044 fts	0.0093 fts
	Longitude	74° 37' 34.16986" W	0.0048 fts	0.0063 fts
	Height	1272.1696 fts	0.0128 fts	0.0220 fts
EBDR AZ-13 NEW	Latitude	42° 09' 41.08661" N	0.0090 fts	0.0091 fts
	Longitude	74° 37' 20.11439" W	0.0011 fts	0.0076 fts
	Height	1247.8155 fts	0.0044 fts	0.0209 fts
EBDR AZ-13 OLD	Latitude	42° 09' 20.08575" N	0.0030 fts	0.0043 fts
	Longitude	74° 37' 12.14308" W	0.0053 fts	0.0042 fts
	Height	1268.6158 fts	0.0200 fts	0.0097 fts
EBDR AZ-14 NEW	Latitude	42° 09' 41.11052" N	0.0028 fts	0.0073 fts
	Longitude	74° 37' 13.33051" W	0.0118 fts	0.0065 fts
	Height	1246.5843 fts	0.0091 fts	0.0164 fts
EBDR AZ-14 OLD	Latitude	42° 09' 12.09158" N	0.0043 fts	0.0044 fts
	Longitude	74° 37' 11.94665" W	0.0040 fts	0.0043 fts
	Height	1262.8258 fts	0.0148 fts	0.0099 fts
EBDR AZ-15	Latitude	42° 11' 05.73235" N	-0.0042 fts	0.0052 fts
	Longitude	74° 35' 54.92835" W	0.0126 fts	0.0043 fts
	Height	1286.0254 fts	0.0417 fts	0.0100 fts
EBDR AZ-16 NEW	Latitude	42° 11' 14.74979" N	-0.0042 fts	0.0079 fts
	Longitude	74° 35' 54.58431" W	0.0116 fts	0.0065 fts
	Height	1289.7602 fts	0.0382 fts	0.0171 fts
EBDR AZ-16 OLD	Latitude	42° 11' 14.65735" N	-0.0016 fts	0.0066 fts
	Longitude	74° 35' 54.55678" W	0.0123 fts	0.0054 fts
	Height	1289.4806 fts	0.0299 fts	0.0120 fts
EBDR AZ-17	Latitude	42° 12' 32.32835" N	0.0052 fts	0.0064 fts
	Longitude	74° 35' 53.23767" W	0.0234 fts	0.0091 fts
	Height	1409.9048 fts	0.1755 fts	0.0113 fts
EBDR AZ-18	Latitude	42° 12' 34.54670" N	-0.0003 fts	0.0060 fts
	Longitude	74° 35' 45.11226" W	0.0064 fts	0.0054 fts
	Height	1425.1390 fts	0.0068 fts	0.0107 fts
EBDR AZ-19	Latitude	42° 12' 42.60163" N	0.0043 fts	0.0077 fts
	Longitude	74° 34' 00.63992" W	0.0107 fts	0.0050 fts
	Height	1588.5088 fts	0.0199 fts	0.0143 fts
EBDR AZ-2	Latitude	42° 09' 48.88045" N	-0.0094 fts	0.0057 fts
	Longitude	74° 47' 44.55487" W	0.0203 fts	0.0047 fts
	Height	1465.2108 fts	0.1153 fts	0.0104 fts
EBDR AZ-20	Latitude	42° 12' 41.58793" N	-0.0003 fts	0.0085 fts
	Longitude	74° 34' 11.08552" W	0.0079 fts	0.0051 fts
	Height	1528.8449 fts	0.0169 fts	0.0157 fts
EBDR AZ-21	Latitude	42° 17' 19.61804" N	0.0092 fts	0.0092 fts
	Longitude	74° 33' 53.01692" W	0.0212 fts	0.0080 fts
	Height	1376.7961 fts	0.0858 fts	0.0205 fts
EBDR AZ-22	Latitude	42° 17' 25.81013" N	0.0089 fts	0.0088 fts
	Longitude	74° 33' 49.12716" W	0.0248 fts	0.0074 fts
	Height	1379.4420 fts	0.1170 fts	0.0198 fts
EBDR AZ-23	Latitude	42° 07' 51.52722" N	0.0030 fts	0.0064 fts
	Longitude	74° 34' 43.54557" W	0.0077 fts	0.0050 fts
	Height	1403.3068 fts	0.0198 fts	0.0122 fts
EBDR AZ-24	Latitude	42° 07' 47.82710" N	0.0049 fts	0.0060 fts
	Longitude	74° 34' 34.36421" W	0.0086 fts	0.0047 fts
	Height	1420.1208 fts	0.0225 fts	0.0115 fts
EBDR AZ-25 NEW				

	Latitude	42° 09' 33.90500" N	0.0031 fts	0.0115 fts	
	Longitude	74° 33' 19.80863" W	0.0074 fts	0.0075 fts	
	Height	1358.5921 fts	0.0203 fts	0.0206 fts	
EBDR AZ-25 OLD	Latitude	42° 09' 33.43192" N	-0.0048 fts	0.0097 fts	
	Longitude	74° 33' 18.53064" W	0.0007 fts	0.0060 fts	
	Height	1357.7019 fts	0.0042 fts	0.0155 fts	
EBDR AZ-26	Latitude	42° 09' 35.60270" N	0.0021 fts	0.0067 fts	
	Longitude	74° 33' 25.50402" W	0.0064 fts	0.0041 fts	
	Height	1355.8252 fts	0.0215 fts	0.0109 fts	
EBDR AZ-27	Latitude	42° 09' 19.89727" N	0.0052 fts	0.0070 fts	
	Longitude	74° 32' 07.92713" W	0.0130 fts	0.0055 fts	
	Height	1391.2746 fts	0.0323 fts	0.0180 fts	
EBDR AZ-28	Latitude	42° 09' 20.02656" N	0.0051 fts	0.0066 fts	
	Longitude	74° 32' 00.79058" W	0.0125 fts	0.0053 fts	
	Height	1398.6951 fts	0.0280 fts	0.0173 fts	
EBDR AZ-3	Latitude	42° 11' 08.82862" N	-0.0025 fts	0.0071 fts	
	Longitude	74° 47' 16.15038" W	0.0180 fts	0.0059 fts	
	Height	1488.8169 fts	0.2796 fts	0.0139 fts	
EBDR AZ-4	Latitude	42° 11' 17.57934" N	-0.0122 fts	0.0074 fts	
	Longitude	74° 47' 13.39434" W	0.0177 fts	0.0063 fts	
	Height	1495.7842 fts	0.1252 fts	0.0146 fts	
EBDR AZ-5	Latitude	42° 07' 38.27413" N	0.0030 fts	0.0063 fts	
	Longitude	74° 41' 26.70223" W	0.0044 fts	0.0041 fts	
	Height	1223.5517 fts	0.0048 fts	0.0114 fts	
EBDR AZ-6	Latitude	42° 07' 41.33600" N	0.0055 fts	0.0064 fts	
	Longitude	74° 41' 33.98300" W	0.0077 fts	0.0041 fts	
	Height	1227.1742 fts	0.0348 fts	0.0116 fts	
EBDR AZ-7 OLD	Latitude	42° 08' 53.54139" N	-0.0066 fts	0.0082 fts	
	Longitude	74° 41' 42.63277" W	0.0137 fts	0.0076 fts	
	Height	1278.2825 fts	0.0600 fts	0.0167 fts	
EBDR AZ-8	Latitude	42° 08' 58.13193" N	-0.0031 fts	0.0065 fts	
	Longitude	74° 41' 37.59429" W	0.0079 fts	0.0059 fts	
	Height	1293.3694 fts	0.0473 fts	0.0132 fts	
EBDR AZ-9	Latitude	42° 08' 57.37487" N	0.0033 fts	0.0047 fts	
	Longitude	74° 38' 40.40466" W	0.0056 fts	0.0029 fts	
	Height	1228.9712 fts	0.0135 fts	0.0077 fts	
FLEISCHMANN'S 2	Latitude	42° 09' 25.63500" N	0.0116 fts	0.0031 fts	
	Longitude	74° 32' 44.49237" W	0.0160 fts	0.0023 fts	
	Height	1412.8508 fts	0.0366 fts	0.0061 fts	
MARGARETVILLE	Latitude	42° 08' 55.47282" N	0.0000 fts	-	fixed
	Longitude	74° 38' 42.75589" W	0.0000 fts	-	fixed
	Height	1220.2711 fts	0.0000 fts	-	fixed
NEV AZ-1	Latitude	41° 55' 12.86201" N	-0.0506 fts	0.0151 fts	
	Longitude	74° 34' 26.56364" W	0.0062 fts	0.0102 fts	
	Height	1540.0468 fts	-0.0097 fts	0.0293 fts	
NEV AZ-2	Latitude	41° 55' 06.42614" N	-0.0281 fts	0.0151 fts	
	Longitude	74° 34' 19.61500" W	0.0138 fts	0.0112 fts	
	Height	1527.1068 fts	0.0362 fts	0.0296 fts	
NEV AZ-3	Latitude	41° 55' 34.07966" N	-0.0113 fts	0.0114 fts	
	Longitude	74° 33' 12.17539" W	0.0159 fts	0.0084 fts	
	Height	1596.4743 fts	0.0181 fts	0.0273 fts	
NEV AZ-4	Latitude	41° 55' 32.20691" N	-0.0145 fts	0.0113 fts	
	Longitude	74° 33' 21.29594" W	0.0165 fts	0.0082 fts	

NYCS	Height	1588.7303 fts	0.0230 fts	0.0261 fts
	Latitude	42° 40' 02.83674" N	0.0078 fts	0.0069 fts
	Longitude	74° 29' 10.94801" W	0.0372 fts	0.0055 fts
NYHC	Height	888.2554 fts	0.2027 fts	0.0139 fts
	Latitude	41° 57' 29.98187" N	0.0026 fts	0.0064 fts
	Longitude	75° 17' 33.87607" W	0.0168 fts	0.0053 fts
NYHS	Height	855.5482 fts	0.1807 fts	0.0127 fts
	Latitude	42° 15' 08.35990" N	0.0277 fts	0.0093 fts
	Longitude	73° 45' 27.16032" W	0.0170 fts	0.0067 fts
NYKT	Height	72.3161 fts	-0.0919 fts	0.0184 fts
	Latitude	41° 56' 12.97177" N	-0.0014 fts	0.0059 fts
	Longitude	74° 01' 52.21833" W	0.0061 fts	0.0046 fts
NYON	Height	99.6431 fts	0.0534 fts	0.0129 fts
	Latitude	42° 26' 24.81512" N	-0.0048 fts	0.0051 fts
	Longitude	75° 06' 42.50825" W	0.0192 fts	0.0042 fts
NYS DOT 8-U-047	Height	1007.6520 fts	0.2065 fts	0.0097 fts
	Latitude	42° 04' 26.89217" N	-0.0202 fts	0.0117 fts
	Longitude	74° 13' 23.49758" W	0.0331 fts	0.0088 fts
PHOENICIA	Height	956.9436 fts	0.0679 fts	0.0257 fts
	Latitude	42° 04' 52.66963" N	-0.0241 fts	0.0077 fts
	Longitude	74° 19' 03.41457" W	0.0389 fts	0.0054 fts
ROND AZ-1	Height	737.1321 fts	0.0673 fts	0.0153 fts
	Latitude	41° 53' 19.47274" N	-0.0110 fts	0.0098 fts
	Longitude	74° 27' 51.35441" W	0.0162 fts	0.0076 fts
ROND AZ-2	Height	891.9821 fts	0.0580 fts	0.0216 fts
	Latitude	41° 53' 17.00064" N	-0.0108 fts	0.0099 fts
	Longitude	74° 27' 44.26702" W	0.0155 fts	0.0076 fts
ROND AZ-3	Height	912.9748 fts	0.0648 fts	0.0216 fts
	Latitude	41° 51' 32.44355" N	-0.0151 fts	0.0110 fts
	Longitude	74° 34' 46.77222" W	0.0174 fts	0.0086 fts
ROND AZ-4	Height	1055.2504 fts	0.0355 fts	0.0237 fts
	Latitude	41° 51' 33.08896" N	-0.0151 fts	0.0109 fts
	Longitude	74° 34' 36.96767" W	0.0186 fts	0.0086 fts
ROND AZ-5	Height	1040.2476 fts	0.0430 fts	0.0236 fts
	Latitude	41° 50' 45.78845" N	-0.0115 fts	0.0102 fts
	Longitude	74° 32' 39.46327" W	0.0175 fts	0.0076 fts
ROND AZ-6	Height	811.5711 fts	0.0496 fts	0.0230 fts
	Latitude	41° 50' 38.91124" N	-0.0086 fts	0.0101 fts
	Longitude	74° 32' 40.77130" W	0.0164 fts	0.0075 fts
ROND AZ-7	Height	821.6014 fts	0.0445 fts	0.0225 fts
	Latitude	41° 51' 31.69249" N	-0.0023 fts	0.0100 fts
	Longitude	74° 30' 41.58072" W	0.0193 fts	0.0078 fts
ROND AZ-8	Height	763.8792 fts	0.0783 fts	0.0209 fts
	Latitude	41° 51' 38.14087" N	-0.0087 fts	0.0101 fts
	Longitude	74° 30' 35.04326" W	0.0180 fts	0.0079 fts
SHANDAKEN	Height	755.9678 fts	0.0691 fts	0.0211 fts
	Latitude	42° 06' 58.89125" N	-0.0927 fts	0.0133 fts
	Longitude	74° 22' 14.64406" W	0.0049 fts	0.0103 fts
SOUTH KORTRIGHT	Height	895.5651 fts	0.0907 fts	0.0335 fts
	Latitude	42° 20' 32.04387" N	-0.0088 fts	0.0080 fts
	Longitude	74° 43' 05.30701" W	-0.0092 fts	0.0059 fts
SUNDOWN	Height	1421.4905 fts	0.1297 fts	0.0146 fts
	Latitude	41° 51' 11.56239" N	-0.0075 fts	0.0092 fts

	Longitude	74° 30' 48.43595" W	0.0186 fts	0.0071 fts
	Height	757.5720 fts	0.0764 fts	0.0196 fts
U279 RESET 1973	Latitude	42° 04' 16.10958" N	-0.0189 fts	0.0140 fts
	Longitude	74° 13' 30.47549" W	0.0245 fts	0.0108 fts
	Height	947.5156 fts	0.0282 fts	0.0311 fts
WALTON	Latitude	42° 10' 02.90545" N	0.0226 fts	0.0061 fts
	Longitude	75° 07' 59.75070" W	0.0071 fts	0.0051 fts
	Height	1108.5610 fts	0.0985 fts	0.0122 fts
WBDR AZ-1	Latitude	42° 09' 19.07354" N	0.0116 fts	0.0074 fts
	Longitude	75° 09' 49.29898" W	0.0128 fts	0.0068 fts
	Height	1111.3407 fts	0.1289 fts	0.0165 fts
WBDR AZ-10	Latitude	42° 10' 47.31744" N	0.0173 fts	0.0146 fts
	Longitude	75° 06' 39.78737" W	0.0102 fts	0.0101 fts
	Height	1176.6548 fts	0.1164 fts	0.0351 fts
WBDR AZ-11	Latitude	42° 15' 25.48830" N	0.0109 fts	0.0126 fts
	Longitude	75° 03' 01.60078" W	0.0019 fts	0.0102 fts
	Height	1531.0436 fts	0.1442 fts	0.0294 fts
WBDR AZ-12	Latitude	42° 15' 38.81571" N	0.0044 fts	0.0097 fts
	Longitude	75° 03' 07.01630" W	0.0074 fts	0.0080 fts
	Height	1553.6760 fts	0.1599 fts	0.0219 fts
WBDR AZ-13	Latitude	42° 11' 21.43876" N	0.0028 fts	0.0074 fts
	Longitude	74° 59' 50.63812" W	0.0070 fts	0.0063 fts
	Height	1185.6258 fts	0.1705 fts	0.0144 fts
WBDR AZ-14	Latitude	42° 11' 14.40061" N	-0.0053 fts	0.0072 fts
	Longitude	74° 59' 45.30022" W	0.0073 fts	0.0062 fts
	Height	1167.2569 fts	0.2123 fts	0.0140 fts
WBDR AZ-15	Latitude	42° 12' 29.05465" N	0.0043 fts	0.0071 fts
	Longitude	74° 58' 33.06000" W	0.0088 fts	0.0057 fts
	Height	1192.2781 fts	0.1632 fts	0.0136 fts
WBDR AZ-16 NEW	Latitude	42° 12' 32.73646" N	0.0366 fts	0.0141 fts
	Longitude	74° 58' 50.01496" W	-0.0274 fts	0.0126 fts
	Height	1208.8308 fts	0.1808 fts	0.0312 fts
WBDR AZ-16 OLD	Latitude	42° 12' 34.53434" N	0.0070 fts	0.0073 fts
	Longitude	74° 58' 38.33683" W	0.0008 fts	0.0059 fts
	Height	1185.9677 fts	0.1666 fts	0.0140 fts
WBDR AZ-17	Latitude	42° 15' 38.98835" N	-0.0144 fts	0.0083 fts
	Longitude	74° 47' 22.24765" W	0.0228 fts	0.0077 fts
	Height	1558.0615 fts	0.1354 fts	0.0174 fts
WBDR AZ-18	Latitude	42° 15' 34.37124" N	-0.0180 fts	0.0079 fts
	Longitude	74° 47' 28.96587" W	0.0203 fts	0.0073 fts
	Height	1538.9945 fts	0.1509 fts	0.0166 fts
WBDR AZ-19 OLD	Latitude	42° 16' 24.02296" N	-0.0056 fts	0.0094 fts
	Longitude	74° 55' 19.13737" W	0.0035 fts	0.0070 fts
	Height	1278.9804 fts	0.1857 fts	0.0200 fts
WBDR AZ-2	Latitude	42° 09' 22.82307" N	0.0114 fts	0.0071 fts
	Longitude	75° 09' 36.42173" W	0.0137 fts	0.0065 fts
	Height	1095.7238 fts	0.1319 fts	0.0155 fts
WBDR AZ-20	Latitude	42° 16' 13.33413" N	-0.0069 fts	0.0093 fts
	Longitude	74° 55' 16.79151" W	0.0011 fts	0.0069 fts
	Height	1260.7890 fts	0.1907 fts	0.0198 fts
WBDR AZ-21	Latitude	42° 16' 46.10837" N	-0.0053 fts	0.0073 fts
	Longitude	74° 54' 38.92613" W	-0.0030 fts	0.0059 fts

	Height	1264.8298 fts	0.1774 fts	0.0153 fts
WBDR AZ-22	Latitude	42° 16' 41.83278" N	-0.0049 fts	0.0074 fts
	Longitude	74° 54' 43.99890" W	-0.0030 fts	0.0061 fts
	Height	1266.9144 fts	0.1768 fts	0.0159 fts
WBDR AZ-23	Latitude	42° 19' 02.50291" N	-0.0037 fts	0.0068 fts
	Longitude	74° 49' 34.96260" W	0.0256 fts	0.0054 fts
	Height	1311.5445 fts	0.1736 fts	0.0144 fts
WBDR AZ-24	Latitude	42° 19' 05.48070" N	-0.0033 fts	0.0068 fts
	Longitude	74° 49' 22.25398" W	0.0276 fts	0.0055 fts
	Height	1330.5492 fts	0.1747 fts	0.0149 fts
WBDR AZ-25	Latitude	42° 20' 39.72585" N	-0.0085 fts	0.0085 fts
	Longitude	74° 43' 20.56300" W	0.0048 fts	0.0070 fts
	Height	1414.9683 fts	0.1420 fts	0.0187 fts
WBDR AZ-26	Latitude	42° 20' 38.10164" N	-0.0094 fts	0.0081 fts
	Longitude	74° 43' 11.28744" W	0.0191 fts	0.0072 fts
	Height	1414.6312 fts	0.1516 fts	0.0190 fts
WBDR AZ-27	Latitude	42° 22' 14.76509" N	0.0194 fts	0.0098 fts
	Longitude	74° 40' 19.57654" W	0.0389 fts	0.0077 fts
	Height	1522.8003 fts	0.2196 fts	0.0187 fts
WBDR AZ-28	Latitude	42° 22' 16.89510" N	-0.0009 fts	0.0085 fts
	Longitude	74° 40' 11.55290" W	0.0005 fts	0.0067 fts
	Height	1532.6550 fts	0.0844 fts	0.0163 fts
WBDR AZ-29	Latitude	42° 24' 08.04977" N	-0.0069 fts	0.0084 fts
	Longitude	74° 37' 38.76811" W	-0.0061 fts	0.0059 fts
	Height	1641.6189 fts	0.1494 fts	0.0145 fts
WBDR AZ-3	Latitude	42° 10' 10.13331" N	0.0111 fts	0.0079 fts
	Longitude	75° 08' 03.72106" W	0.0122 fts	0.0065 fts
	Height	1112.4213 fts	0.1279 fts	0.0177 fts
WBDR AZ-30	Latitude	42° 24' 13.72405" N	-0.0038 fts	0.0077 fts
	Longitude	74° 37' 42.38233" W	0.0116 fts	0.0055 fts
	Height	1673.0828 fts	0.1292 fts	0.0135 fts
WBDR AZ-4	Latitude	42° 10' 14.90343" N	0.0100 fts	0.0072 fts
	Longitude	75° 07' 59.96078" W	0.0124 fts	0.0059 fts
	Height	1109.7958 fts	0.1319 fts	0.0159 fts
WBDR AZ-5	Latitude	42° 11' 37.14812" N	0.0138 fts	0.0097 fts
	Longitude	75° 09' 18.23283" W	0.0088 fts	0.0097 fts
	Height	1433.2519 fts	0.1193 fts	0.0205 fts
WBDR AZ-6	Latitude	42° 11' 45.13302" N	-0.0200 fts	0.0091 fts
	Longitude	75° 09' 25.65742" W	0.0185 fts	0.0086 fts
	Height	1407.5295 fts	0.2041 fts	0.0185 fts
WBDR AZ-7	Latitude	42° 12' 12.51601" N	0.0091 fts	0.0087 fts
	Longitude	75° 07' 10.84203" W	0.0132 fts	0.0073 fts
	Height	1219.6374 fts	0.1316 fts	0.0161 fts
WBDR AZ-8	Latitude	42° 12' 22.12977" N	0.0090 fts	0.0083 fts
	Longitude	75° 07' 06.34911" W	0.0134 fts	0.0069 fts
	Height	1243.8495 fts	0.1306 fts	0.0155 fts
WBDR AZ-9	Latitude	42° 10' 44.48493" N	0.0220 fts	0.0096 fts
	Longitude	75° 06' 45.44635" W	0.0056 fts	0.0071 fts
	Height	1178.0594 fts	0.1011 fts	0.0217 fts

Observations and Residuals

Station	Target	Adj obs	Resid	Resid (ENH) Sd
	U279			

DX	NYS DOT 8-U-047	RESET 1973	-309.5205 fts	-0.0107 fts	-0.0044 fts	0.0142 fts
DY			-840.2114 fts	0.0218 fts	-0.0010 fts	0.0265 fts
DZ			-816.5630 fts	-0.0229 fts	-0.0330 fts	0.0190 fts
DX	SHANDAKEN	ASH AZ- 12 NEW	2875.0145 fts	0.0175 fts	0.0179 fts	0.0129 fts
DY			107.2293 fts	0.0038 fts	-0.0115 fts	0.0238 fts
DZ			-776.0786 fts	-0.0146 fts	-0.0091 fts	0.0241 fts
DX	SHANDAKEN	ASH AZ- 11 OLD	1280.2049 fts	-0.0034 fts	-0.0034 fts	0.0066 fts
DY			48.6981 fts	-0.0007 fts	-0.0036 fts	0.0129 fts
DZ			-349.1941 fts	-0.0052 fts	-0.0036 fts	0.0148 fts
DX	ASH AZ-7	ASH AZ-8	546.7947 fts	0.0020 fts	0.0017 fts	0.0051 fts
DY			-328.9660 fts	-0.0009 fts	-0.0002 fts	0.0159 fts
DZ			-543.2915 fts	0.0009 fts	0.0016 fts	0.0130 fts
DX	ASH AZ-7	ASH AZ- 20	27709.7746 fts	0.0030 fts	0.0020 fts	0.0057 fts
DY			-6407.8124 fts	-0.0033 fts	-0.0245 fts	0.0164 fts
DZ			-15593.9905 fts	-0.0294 fts	-0.0167 fts	0.0135 fts
DX	ASH AZ-7	ASH AZ- 19	27734.0111 fts	0.0096 fts	0.0040 fts	0.0054 fts
DY			-6030.5403 fts	-0.0197 fts	-0.0257 fts	0.0161 fts
DZ			-15195.2920 fts	-0.0152 fts	0.0058 fts	0.0131 fts
DX	ASH AZ-7	ASH AZ- 16	27800.0526 fts	-0.0125 fts	-0.0180 fts	0.0073 fts
DY			2322.0996 fts	-0.0219 fts	-0.0192 fts	0.0180 fts
DZ			-5878.3077 fts	-0.0099 fts	0.0065 fts	0.0146 fts
DX	ASH AZ-7	ASH AZ- 15	27271.5416 fts	-0.0170 fts	-0.0248 fts	0.0077 fts
DY			2084.3779 fts	-0.0313 fts	-0.0057 fts	0.0185 fts
DZ			-6000.4911 fts	0.0154 fts	0.0293 fts	0.0149 fts
DX	ASH AZ-21 OLD	ASH AZ- 22 OLD	-275.1351 fts	-0.0174 fts	-0.0125 fts	0.0059 fts
DY			-588.5682 fts	0.0158 fts	0.0017 fts	0.0115 fts
DZ			-566.5921 fts	-0.0157 fts	-0.0253 fts	0.0084 fts
DX	EBDR AZ-25 OLD	EBDR AZ- 26	-545.9280 fts	0.0327 fts	0.0351 fts	0.0066 fts
DY			3.6477 fts	0.0136 fts	0.0171 fts	0.0129 fts
DZ			161.6437 fts	0.0190 fts	0.0095 fts	0.0127 fts
DX	ASH AZ-28	ASH AZ- 21 OLD	7145.4524 fts	0.0104 fts	0.0181 fts	0.0063 fts
DY			18518.5513 fts	0.0297 fts	-0.0112 fts	0.0125 fts
DZ			18234.9538 fts	-0.0382 fts	-0.0447 fts	0.0103 fts
DX	ASH AZ-29 OLD	ASH AZ- 30 OLD	167.0735 fts	0.0095 fts	0.0026 fts	0.0058 fts
DY			-468.8352 fts	-0.0243 fts	-0.0119 fts	0.0162 fts
DZ			-555.8010 fts	0.0073 fts	0.0242 fts	0.0112 fts
DX	ASH AZ-29 OLD	ASH AZ- 29 NEW	-2158.6424 fts	0.0095 fts	0.0043 fts	0.0177 fts
DY			-1820.7899 fts	-0.0180 fts	-0.0056 fts	0.0466 fts
DZ			-1217.9590 fts	0.0103 fts	0.0217 fts	0.0338 fts
DX	ASH AZ-29 OLD	ASH AZ- 21 OLD	7417.2981 fts	-0.0013 fts	-0.0001 fts	0.0075 fts
DY			27772.8707 fts	0.0045 fts	-0.0020 fts	0.0172 fts
DZ			28081.6343 fts	-0.0068 fts	-0.0080 fts	0.0124 fts

DX	WBDR AZ-19 OLD	WBDR AZ-20	356.1553 fts	-0.0679 fts	-0.0562 fts	0.0073 fts
DY			-643.9349 fts	0.0360 fts	0.0109 fts	0.0134 fts
DZ			-812.9515 fts	-0.0330 fts	-0.0610 fts	0.0087 fts
DX	EBDR AZ-19	EBDR AZ-6	-27563.8191 fts	-0.0046 fts	-0.0074 fts	0.0062 fts
DY			-28533.4899 fts	-0.0112 fts	0.0031 fts	0.0152 fts
DZ			-22846.9673 fts	0.0129 fts	0.0157 fts	0.0109 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8	286.7390 fts	-0.0040 fts	-0.0083 fts	0.0082 fts
DY			390.1992 fts	-0.0170 fts	-0.0020 fts	0.0146 fts
DZ			354.6708 fts	0.0111 fts	0.0188 fts	0.0116 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21	24969.7369 fts	0.0341 fts	0.0425 fts	0.0107 fts
DY			42491.7160 fts	0.0365 fts	0.0309 fts	0.0217 fts
DZ			38008.8935 fts	0.0179 fts	-0.0074 fts	0.0175 fts
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW	44.0144 fts	-0.0233 fts	-0.0147 fts	0.0189 fts
DY			59.1426 fts	0.0296 fts	0.0133 fts	0.0318 fts
DZ			52.8672 fts	-0.0134 fts	-0.0347 fts	0.0227 fts
DX	NEV AZ-2	ROND AZ-8	19971.5516 fts	-0.0006 fts	0.0001 fts	0.0138 fts
DY			-8487.7010 fts	0.0027 fts	0.0171 fts	0.0224 fts
DZ			-16210.9656 fts	0.0205 fts	0.0116 fts	0.0144 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2	-49995.9070 fts	-0.0152 fts	-0.0160 fts	0.0085 fts
DY			-19859.6311 fts	-0.0050 fts	0.0144 fts	0.0120 fts
DZ			-6317.4155 fts	0.0201 fts	0.0141 fts	0.0107 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	30580.3840 fts	-0.0317 fts	-0.0219 fts	0.0084 fts
DY			4304.0783 fts	0.0320 fts	0.0291 fts	0.0248 fts
DZ			-5257.1070 fts	0.0036 fts	-0.0268 fts	0.0175 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	23078.5437 fts	0.0136 fts	0.0172 fts	0.0069 fts
DY			9049.0197 fts	0.0153 fts	0.0046 fts	0.0129 fts
DZ			3074.2143 fts	-0.0039 fts	-0.0109 fts	0.0138 fts
DX	ASH AZ-8	ASH AZ-20	27162.9798 fts	0.0013 fts	-0.0052 fts	0.0056 fts
DY			-6078.8463 fts	-0.0242 fts	-0.0295 fts	0.0158 fts
DZ			-15050.6990 fts	-0.0184 fts	0.0052 fts	0.0134 fts
DX	NEV AZ-4	ROND AZ-5	8052.7708 fts	-0.0022 fts	0.0001 fts	0.0076 fts
DY			-17257.6452 fts	0.0084 fts	-0.0024 fts	0.0177 fts
DZ			-22104.2454 fts	-0.0110 fts	-0.0138 fts	0.0131 fts
DX	EBDR AZ-4	EBDR AZ-17	48023.9840 fts	0.0174 fts	0.0136 fts	0.0102 fts
DY			18480.4548 fts	-0.0121 fts	-0.0158 fts	0.0131 fts
DZ			5548.3437 fts	-0.0066 fts	0.0076 fts	0.0136 fts
DX	ROND AZ-1	ROND AZ-4	-27626.6599 fts	0.0060 fts	0.0031 fts	0.0076 fts
DY			-15224.2427 fts	-0.0099 fts	-0.0018 fts	0.0130 fts
DZ			-7919.8261 fts	0.0076 fts	0.0133 fts	0.0141 fts
DX	WBDR AZ-21	WBDR AZ-22	-292.0177 fts	-0.0011 fts	-0.0010 fts	0.0036 fts
DY			-381.9180 fts	0.0004 fts	0.0006 fts	0.0079 fts

DZ			-318.8525 fts	0.0002 fts	-0.0004 fts	0.0080 fts
DX	ASH AZ-10	ASH AZ-14	40708.1024 fts	-0.0195 fts	-0.0175 fts	0.0216 fts
DY			5643.5628 fts	0.0050 fts	-0.0121 fts	0.0390 fts
DZ			-6298.3240 fts	-0.0254 fts	-0.0244 fts	0.0371 fts
DX	EBDR AZ-3	EBDR AZ-4	45.4764 fts	0.0009 fts	0.0020 fts	0.0070 fts
DY			623.5427 fts	0.0042 fts	0.0011 fts	0.0110 fts
DZ			661.0864 fts	-0.0020 fts	-0.0041 fts	0.0122 fts
DX	EBDR AZ-3	EBDR AZ-17	48069.4604 fts	0.0002 fts	-0.0083 fts	0.0099 fts
DY			19103.9976 fts	-0.0321 fts	-0.0230 fts	0.0127 fts
DZ			6209.4302 fts	-0.0029 fts	0.0211 fts	0.0133 fts
DX	ROND AZ-2	ROND AZ-4	-28192.1049 fts	0.0064 fts	0.0046 fts	0.0076 fts
DY			-15191.8023 fts	-0.0058 fts	-0.0019 fts	0.0129 fts
DZ			-7747.5477 fts	0.0040 fts	0.0081 fts	0.0142 fts
DX	ROND AZ-2	ROND AZ-1	-565.4450 fts	-0.0006 fts	-0.0004 fts	0.0045 fts
DY			32.4404 fts	0.0004 fts	0.0003 fts	0.0084 fts
DZ			172.2785 fts	-0.0001 fts	-0.0005 fts	0.0087 fts
DX	ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0735 fts	0.0041 fts	0.0010 fts	0.0058 fts
DY			468.8352 fts	-0.0106 fts	-0.0069 fts	0.0162 fts
DZ			555.8010 fts	0.0009 fts	0.0090 fts	0.0112 fts
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	-2325.7159 fts	-0.0184 fts	-0.0083 fts	0.0180 fts
DY			-1351.9547 fts	0.0347 fts	0.0109 fts	0.0474 fts
DZ			-662.1580 fts	-0.0200 fts	-0.0419 fts	0.0343 fts
DX	ASH AZ-25 OLD	ASH AZ-28	3803.4764 fts	-0.0083 fts	-0.0079 fts	0.0039 fts
DY			-5320.1049 fts	0.0001 fts	0.0127 fts	0.0067 fts
DZ			-6892.8948 fts	0.0150 fts	0.0083 fts	0.0077 fts
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3912 fts	0.0291 fts	0.0283 fts	0.0030 fts
DY			261.6960 fts	0.0012 fts	-0.0090 fts	0.0048 fts
DZ			363.4130 fts	-0.0060 fts	0.0010 fts	0.0054 fts
DX	ASH AZ-26 OLD	ASH AZ-28	4073.8676 fts	0.0077 fts	0.0094 fts	0.0040 fts
DY			-5581.8009 fts	0.0075 fts	-0.0008 fts	0.0068 fts
DZ			-7256.3078 fts	-0.0057 fts	-0.0076 fts	0.0078 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	270.3912 fts	0.0166 fts	0.0193 fts	0.0030 fts
DY			-261.6960 fts	0.0120 fts	-0.0136 fts	0.0048 fts
DZ			-363.4130 fts	-0.0247 fts	-0.0218 fts	0.0054 fts
DX	WBDR AZ-26	WBDR AZ-25	-701.1148 fts	0.0149 fts	0.0087 fts	0.0068 fts
DY			-76.9671 fts	-0.0214 fts	0.0055 fts	0.0114 fts
DZ			121.7614 fts	0.0298 fts	0.0382 fts	0.0123 fts
DX	EBDR AZ-8	EBDR AZ-7 OLD	-286.7390 fts	-0.0048 fts	-0.0023 fts	0.0082 fts
DY			-390.1992 fts	0.0085 fts	0.0068 fts	0.0146 fts
DZ			-354.6708 fts	0.0006 fts	-0.0066 fts	0.0116 fts
DX	EBDR AZ-8	EBDR AZ-7 NEW	-242.7246 fts	0.0148 fts	0.0093 fts	0.0185 fts

DY			-331.0566 fts	-0.0190 fts	-0.0085 fts	0.0311 fts
DZ			-301.8037 fts	0.0087 fts	0.0223 fts	0.0218 fts
DX	WBDR AZ-9	WBDR AZ-10	362.0639 fts	0.0008 fts	-0.0013 fts	0.0132 fts
DY			296.5612 fts	-0.0080 fts	-0.0031 fts	0.0289 fts
DZ			211.5503 fts	0.0031 fts	0.0079 fts	0.0198 fts
DX	EBDR AZ-5	EBDR AZ-6	-583.3865 fts	0.0006 fts	0.0007 fts	0.0038 fts
DY			53.0971 fts	0.0002 fts	-0.0009 fts	0.0093 fts
DZ			232.3165 fts	-0.0013 fts	-0.0009 fts	0.0070 fts
DX	EBDR AZ-23	EBDR AZ-24	737.0968 fts	0.0002 fts	0.0010 fts	0.0055 fts
DY			-70.2566 fts	0.0030 fts	0.0037 fts	0.0105 fts
DZ			-266.5173 fts	0.0024 fts	-0.0005 fts	0.0087 fts
DX	WBDR AZ-14	WBDR AZ-13	-508.5209 fts	0.0005 fts	0.0009 fts	0.0038 fts
DY			345.0044 fts	0.0018 fts	0.0009 fts	0.0061 fts
DZ			540.2613 fts	-0.0002 fts	-0.0013 fts	0.0051 fts
DX	ASH AZ-22 OLD	ASH AZ-9	-54238.5886 fts	-0.0183 fts	-0.0281 fts	0.0296 fts
DY			4394.5768 fts	-0.0388 fts	-0.0277 fts	0.0498 fts
DZ			21429.8701 fts	-0.0081 fts	0.0186 fts	0.0402 fts
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	-6975.0895 fts	-0.0107 fts	0.0030 fts	0.0072 fts
DY			-27653.1376 fts	0.0490 fts	0.0116 fts	0.0190 fts
DZ			-28070.8432 fts	-0.0296 fts	-0.0570 fts	0.0131 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	-7142.1630 fts	-0.0084 fts	-0.0188 fts	0.0068 fts
DY			-27184.3025 fts	-0.0391 fts	-0.0114 fts	0.0162 fts
DZ			-27515.0421 fts	0.0166 fts	0.0374 fts	0.0116 fts
DX	ASH AZ-22 OLD	ASH AZ-28	-6870.3173 fts	-0.0111 fts	-0.0129 fts	0.0057 fts
DY			-17929.9830 fts	-0.0081 fts	-0.0001 fts	0.0114 fts
DZ			-17668.3617 fts	0.0041 fts	0.0063 fts	0.0095 fts
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	275.1351 fts	-0.0110 fts	-0.0108 fts	0.0059 fts
DY			588.5682 fts	-0.0009 fts	-0.0068 fts	0.0115 fts
DZ			566.5921 fts	-0.0111 fts	-0.0091 fts	0.0084 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	22750.1633 fts	0.0366 fts	0.0351 fts	0.0069 fts
DY			8708.5245 fts	-0.0010 fts	-0.0088 fts	0.0129 fts
DZ			2792.4566 fts	-0.0022 fts	0.0064 fts	0.0138 fts
DX	EBDR AZ-9	EBDR AZ-10	-328.3805 fts	-0.0011 fts	-0.0009 fts	0.0033 fts
DY			-340.4952 fts	0.0008 fts	0.0013 fts	0.0061 fts
DZ			-281.7577 fts	0.0008 fts	-0.0002 fts	0.0066 fts
DX	WBDR AZ-8	WBDR AZ-7	-163.5273 fts	0.0009 fts	-0.0001 fts	0.0069 fts
DY			-701.3994 fts	-0.0036 fts	0.0006 fts	0.0094 fts
DZ			-737.2012 fts	0.0041 fts	0.0054 fts	0.0081 fts
DX	WBDR AZ-18	WBDR AZ-17	408.7654 fts	-0.0018 fts	-0.0022 fts	0.0072 fts
DY			422.2623 fts	-0.0016 fts	-0.0029 fts	0.0113 fts
DZ			358.7640 fts	-0.0029 fts	-0.0011 fts	0.0097 fts
DX	ASH AZ-19	ASH AZ-8	-27187.2164 fts	-0.0040 fts	0.0025 fts	0.0054 fts
DY			5701.5743 fts	0.0234 fts	0.0319 fts	0.0155 fts

DZ			14652.0005 fts	0.0216 fts	-0.0031 fts	0.0130 fts
DX	ASH AZ-19	ASH AZ-20	-24.2366 fts	-0.0007 fts	-0.0018 fts	0.0045 fts
DY			-377.2721 fts	-0.0041 fts	-0.0021 fts	0.0111 fts
DZ			-398.6985 fts	0.0006 fts	0.0032 fts	0.0095 fts
DX	ASH AZ-13	ASH AZ-14	-723.1586 fts	0.0089 fts	0.0058 fts	0.0098 fts
DY			-399.9827 fts	-0.0102 fts	-0.0088 fts	0.0166 fts
DZ			-244.9141 fts	-0.0007 fts	0.0086 fts	0.0179 fts
DX	ASH AZ-13	ASH AZ-10	-41431.2610 fts	0.0061 fts	0.0127 fts	0.0212 fts
DY			-6043.5456 fts	0.0250 fts	0.0264 fts	0.0380 fts
DZ			6053.4099 fts	0.0153 fts	-0.0064 fts	0.0362 fts
DX	ASH AZ-18	ASH AZ-6 OLD	-44867.6302 fts	0.0330 fts	0.0321 fts	0.0126 fts
DY			59.9616 fts	0.0010 fts	-0.0398 fts	0.0264 fts
DZ			14400.1911 fts	-0.0465 fts	-0.0253 fts	0.0182 fts
DX	ASH AZ-18	ASH AZ-17	285.8115 fts	-0.0052 fts	-0.0035 fts	0.0121 fts
DY			465.1711 fts	0.0056 fts	0.0047 fts	0.0208 fts
DZ			400.6131 fts	0.0001 fts	-0.0050 fts	0.0141 fts
DX	WBDR AZ-16 OLD	WBDR AZ-15	481.3905 fts	-0.0018 fts	-0.0010 fts	0.0043 fts
DY			-261.5219 fts	0.0024 fts	0.0002 fts	0.0062 fts
DZ			-406.6551 fts	-0.0022 fts	-0.0036 fts	0.0076 fts
DX	EBDR AZ-12	EBDR AZ-11	690.9860 fts	0.0011 fts	0.0014 fts	0.0094 fts
DY			170.9562 fts	0.0012 fts	0.0006 fts	0.0197 fts
DZ			-44.8508 fts	0.0000 fts	-0.0007 fts	0.0138 fts
DX	ROND AZ-6	ROND AZ-5	-30.3288 fts	0.0007 fts	-0.0002 fts	0.0054 fts
DY			481.2131 fts	-0.0031 fts	-0.0008 fts	0.0124 fts
DZ			511.9137 fts	0.0018 fts	0.0035 fts	0.0085 fts
DX	ROND AZ-6	NEV AZ-4	-8083.0996 fts	-0.0022 fts	-0.0034 fts	0.0076 fts
DY			17738.8583 fts	-0.0047 fts	0.0059 fts	0.0174 fts
DZ			22616.1592 fts	0.0115 fts	0.0106 fts	0.0130 fts
DX	ANDES	WBDR AZ-8	-84545.6669 fts	-0.0012 fts	0.0024 fts	0.0079 fts
DY			-17046.8331 fts	0.0137 fts	-0.0166 fts	0.0116 fts
DZ			5334.7530 fts	-0.0348 fts	-0.0334 fts	0.0103 fts
DX	ANDES	WBDR AZ-7	-84709.1942 fts	0.0120 fts	0.0156 fts	0.0084 fts
DY			-17748.2324 fts	0.0151 fts	-0.0324 fts	0.0122 fts
DZ			4597.5518 fts	-0.0541 fts	-0.0448 fts	0.0107 fts
DX	ANDES	WBDR AZ-6	-94004.4697 fts	-0.0137 fts	0.0064 fts	0.0095 fts
DY			-22285.3887 fts	0.0751 fts	0.0105 fts	0.0144 fts
DZ			2670.1402 fts	-0.0548 fts	-0.0931 fts	0.0120 fts
DX	ANDES	WBDR AZ-5	-93320.2246 fts	-0.0374 fts	-0.0233 fts	0.0114 fts
DY			-22685.4397 fts	0.0489 fts	-0.0036 fts	0.0161 fts
DZ			2088.5296 fts	-0.0565 fts	-0.0802 fts	0.0128 fts
DX	ANDES	WBDR AZ-4	-86251.8118 fts	-0.0010 fts	0.0104 fts	0.0056 fts
DY			-26346.7568 fts	0.0431 fts	0.0101 fts	0.0111 fts

DZ			-4298.3843 fts	-0.0242 fts	-0.0473 fts	0.0113 fts
DX	ANDES	WBDR AZ-3	-86441.8385 fts	-0.0065 fts	0.0058 fts	0.0063 fts
DY			-26734.6263 fts	0.0461 fts	0.0141 fts	0.0125 fts
DZ			-4654.5249 fts	-0.0228 fts	-0.0496 fts	0.0129 fts
DX	ANDES	WBDR AZ-29	31208.8922 fts	0.0134 fts	0.0267 fts	0.0059 fts
DY			63767.5867 fts	0.0524 fts	-0.0149 fts	0.0106 fts
DZ			58457.4579 fts	-0.0627 fts	-0.0770 fts	0.0107 fts
DX	ANDES	WBDR AZ-28	22138.2535 fts	-0.0075 fts	0.0080 fts	0.0067 fts
DY			53493.9366 fts	0.0581 fts	0.0057 fts	0.0126 fts
DZ			50072.1658 fts	-0.0449 fts	-0.0732 fts	0.0108 fts
DX	ANDES	WBDR AZ-27	21593.8366 fts	-0.0146 fts	-0.0066 fts	0.0079 fts
DY			53201.5654 fts	0.0286 fts	-0.0365 fts	0.0148 fts
DZ			49906.2088 fts	-0.0779 fts	-0.0756 fts	0.0127 fts
DX	ANDES	WBDR AZ-26	10877.0096 fts	0.0030 fts	0.0120 fts	0.0075 fts
DY			43515.9912 fts	0.0347 fts	-0.0115 fts	0.0133 fts
DZ			42601.7942 fts	-0.0451 fts	-0.0546 fts	0.0137 fts
DX	ANDES	WBDR AZ-24	-14368.3287 fts	-0.0209 fts	-0.0132 fts	0.0053 fts
DY			30163.5840 fts	0.0266 fts	0.0159 fts	0.0107 fts
DZ			35613.2282 fts	-0.0068 fts	-0.0277 fts	0.0104 fts
DX	ANDES	WBDR AZ-23	-15240.4228 fts	-0.0225 fts	-0.0159 fts	0.0052 fts
DY			29731.3117 fts	0.0222 fts	0.0105 fts	0.0103 fts
DZ			35377.5235 fts	-0.0105 fts	-0.0273 fts	0.0101 fts
DX	ANDES	WBDR AZ-2	-92369.5402 fts	-0.0150 fts	-0.0095 fts	0.0065 fts
DY			-31619.8030 fts	0.0188 fts	-0.0205 fts	0.0110 fts
DZ			-8215.8298 fts	-0.0477 fts	-0.0484 fts	0.0106 fts
DX	ANDES	WBDR AZ-18	-2341.1447 fts	0.0024 fts	0.0061 fts	0.0078 fts
DY			18368.3500 fts	0.0146 fts	0.0035 fts	0.0124 fts
DZ			19943.0920 fts	-0.0074 fts	-0.0149 fts	0.0107 fts
DX	ANDES	WBDR AZ-17	-1932.3793 fts	0.0026 fts	0.0054 fts	0.0082 fts
DY			18790.6123 fts	0.0109 fts	0.0039 fts	0.0130 fts
DZ			20301.8560 fts	-0.0037 fts	-0.0098 fts	0.0112 fts
DX	ANDES	WBDR AZ-10	-80969.9468 fts	-0.0312 fts	-0.0092 fts	0.0137 fts
DY			-22715.2517 fts	0.0797 fts	0.0237 fts	0.0296 fts
DZ			-1821.6585 fts	-0.0451 fts	-0.0933 fts	0.0208 fts
DX	ANDES	WBDR AZ-1	-93238.9680 fts	-0.0065 fts	-0.0033 fts	0.0069 fts
DY			-32125.6535 fts	0.0115 fts	-0.0092 fts	0.0116 fts
DZ			-8486.7394 fts	-0.0240 fts	-0.0256 fts	0.0115 fts
DX	ANDES	EBDR AZ- 8	30217.3384 fts	0.0237 fts	0.0267 fts	0.0065 fts
DY			-494.1733 fts	0.0146 fts	0.0101 fts	0.0121 fts
DZ			-9936.2746 fts	0.0066 fts	-0.0014 fts	0.0096 fts
DX	ANDES	EBDR AZ- 7 OLD	29930.5994 fts	0.0178 fts	0.0162 fts	0.0085 fts

DY			-884.3725 fts	-0.0035 fts	0.0045 fts	0.0148 fts
DZ			-10290.9455 fts	0.0133 fts	0.0149 fts	0.0118 fts
DX	ANDES	EBDR AZ-4	3364.8933 fts	0.0078 fts	0.0059 fts	0.0067 fts
DY			1848.0301 fts	-0.0063 fts	-0.0045 fts	0.0109 fts
DZ			662.7298 fts	0.0013 fts	0.0069 fts	0.0113 fts
DX	ANDES	EBDR AZ-3	3319.4169 fts	0.0082 fts	0.0058 fts	0.0061 fts
DY			1224.4873 fts	-0.0083 fts	-0.0052 fts	0.0101 fts
DZ			1.6434 fts	0.0023 fts	0.0091 fts	0.0106 fts
DX	ANDES	EBDR AZ-22	55070.4245 fts	0.0312 fts	0.0125 fts	0.0072 fts
DY			42089.8707 fts	-0.0674 fts	-0.0350 fts	0.0176 fts
DZ			28183.4587 fts	0.0190 fts	0.0670 fts	0.0137 fts
DX	ANDES	EBDR AZ-21	54900.3363 fts	0.0234 fts	0.0113 fts	0.0080 fts
DY			41607.3435 fts	-0.0431 fts	-0.0159 fts	0.0178 fts
DZ			27717.9480 fts	0.0218 fts	0.0500 fts	0.0146 fts
DX	ANDES	EBDR AZ-2	2676.2621 fts	0.0046 fts	-0.0022 fts	0.0052 fts
DY			-4563.4492 fts	-0.0255 fts	-0.0006 fts	0.0073 fts
DZ			-6012.4115 fts	0.0226 fts	0.0343 fts	0.0068 fts
DX	ANDES	EBDR AZ-18	51941.3737 fts	0.0153 fts	0.0111 fts	0.0068 fts
DY			20625.4958 fts	-0.0139 fts	0.0479 fts	0.0102 fts
DZ			6387.6517 fts	0.0803 fts	0.0669 fts	0.0101 fts
DX	ANDES	EBDR AZ-17	51388.8773 fts	-0.0215 fts	-0.0084 fts	0.0089 fts
DY			20328.4849 fts	0.0468 fts	0.0166 fts	0.0107 fts
DZ			6211.0735 fts	-0.0237 fts	-0.0535 fts	0.0106 fts
DX	ANDES	EBDR AZ-15	52805.6610 fts	0.0178 fts	0.0120 fts	0.0066 fts
DY			14706.2549 fts	-0.0195 fts	0.0261 fts	0.0101 fts
DZ			-366.7986 fts	0.0566 fts	0.0554 fts	0.0091 fts
DX	ANDES	EBDR AZ-12	48063.7636 fts	-0.0050 fts	0.0075 fts	0.0100 fts
DY			3768.4735 fts	0.0470 fts	0.0394 fts	0.0200 fts
DZ			-10642.3085 fts	0.0110 fts	-0.0272 fts	0.0148 fts
DX	ANDES	EBDR AZ-1	2384.7969 fts	0.0041 fts	-0.0032 fts	0.0048 fts
DY			-4872.4714 fts	-0.0271 fts	0.0000 fts	0.0069 fts
DZ			-6322.6758 fts	0.0246 fts	0.0367 fts	0.0062 fts
DX	EBDR AZ-1	EBDR AZ-2	291.4652 fts	0.0007 fts	0.0007 fts	0.0044 fts
DY			309.0222 fts	-0.0001 fts	-0.0028 fts	0.0060 fts
DZ			310.2643 fts	-0.0034 fts	-0.0021 fts	0.0055 fts
DX	EBDR AZ-1	EBDR AZ-15	50420.8641 fts	0.0145 fts	0.0072 fts	0.0071 fts
DY			19578.7263 fts	-0.0261 fts	0.0260 fts	0.0103 fts
DZ			5955.8772 fts	0.0614 fts	0.0627 fts	0.0092 fts
DX	WALTON	WBDR AZ-9	4695.5387 fts	0.0030 fts	0.0033 fts	0.0077 fts
DY			4118.0961 fts	0.0015 fts	-0.0009 fts	0.0162 fts
DZ			3166.2291 fts	-0.0017 fts	-0.0017 fts	0.0110 fts
DX	WALTON	WBDR	1481.8825 fts	-0.0018 fts	0.0002 fts	0.0071 fts

		AZ-8				
DY			10083.0759 fts	0.0075 fts	0.0024 fts	0.0099 fts
DZ			10534.1909 fts	-0.0038 fts	-0.0082 fts	0.0087 fts
DX	WALTON	WBDR AZ-7	1318.3552 fts	-0.0046 fts	-0.0020 fts	0.0076 fts
DY			9381.6764 fts	0.0094 fts	0.0060 fts	0.0106 fts
DZ			9796.9897 fts	-0.0012 fts	-0.0084 fts	0.0092 fts
DX	WALTON	WBDR AZ-6	-7976.9203 fts	0.0015 fts	0.0002 fts	0.0087 fts
DY			4844.5202 fts	-0.0050 fts	-0.0019 fts	0.0128 fts
DZ			7869.5781 fts	0.0021 fts	0.0052 fts	0.0103 fts
DX	WALTON	WBDR AZ-5	-7292.6752 fts	0.0134 fts	0.0096 fts	0.0107 fts
DY			4444.4692 fts	-0.0128 fts	-0.0040 fts	0.0147 fts
DZ			7287.9676 fts	0.0089 fts	0.0177 fts	0.0112 fts
DX	WALTON	WBDR AZ-4	-224.2624 fts	-0.0019 fts	-0.0009 fts	0.0044 fts
DY			783.1521 fts	0.0037 fts	-0.0027 fts	0.0093 fts
DZ			901.0537 fts	-0.0073 fts	-0.0079 fts	0.0097 fts
DX	WALTON	WBDR AZ-3	-414.2891 fts	-0.0013 fts	-0.0002 fts	0.0051 fts
DY			395.2826 fts	0.0043 fts	-0.0021 fts	0.0109 fts
DZ			544.9131 fts	-0.0069 fts	-0.0080 fts	0.0115 fts
DX	WALTON	WBDR AZ-22	50859.1107 fts	0.0073 fts	0.0133 fts	0.0054 fts
DY			41578.7725 fts	0.0241 fts	-0.0220 fts	0.0104 fts
DZ			30013.4248 fts	-0.0491 fts	-0.0489 fts	0.0104 fts
DX	WALTON	WBDR AZ-21	51151.1283 fts	-0.0054 fts	0.0026 fts	0.0052 fts
DY			41960.6905 fts	0.0304 fts	-0.0182 fts	0.0099 fts
DZ			30332.2772 fts	-0.0524 fts	-0.0580 fts	0.0099 fts
DX	WALTON	WBDR AZ-2	-6341.9907 fts	-0.0022 fts	-0.0002 fts	0.0053 fts
DY			-4489.8940 fts	0.0077 fts	0.0035 fts	0.0091 fts
DZ			-3016.3919 fts	-0.0025 fts	-0.0076 fts	0.0090 fts
DX	WALTON	WBDR AZ-16 OLD	38193.3817 fts	-0.0123 fts	-0.0115 fts	0.0052 fts
DY			20804.6269 fts	0.0012 fts	-0.0027 fts	0.0078 fts
DZ			11425.4771 fts	-0.0076 fts	-0.0083 fts	0.0090 fts
DX	WALTON	WBDR AZ-15	38674.7722 fts	0.0010 fts	0.0010 fts	0.0050 fts
DY			20543.1050 fts	0.0001 fts	-0.0031 fts	0.0075 fts
DZ			11018.8219 fts	-0.0040 fts	-0.0026 fts	0.0087 fts
DX	WALTON	WBDR AZ-14	34732.7620 fts	0.0069 fts	0.0008 fts	0.0054 fts
DY			14249.2009 fts	-0.0228 fts	0.0019 fts	0.0088 fts
DZ			5403.1036 fts	0.0241 fts	0.0338 fts	0.0076 fts
DX	WALTON	WBDR AZ-13	34224.2411 fts	0.0077 fts	0.0017 fts	0.0056 fts
DY			14594.2053 fts	-0.0225 fts	0.0041 fts	0.0092 fts
DZ			5943.3649 fts	0.0269 fts	0.0356 fts	0.0079 fts
DX	WALTON	WBDR AZ-12	15495.4598 fts	-0.0071 fts	-0.0067 fts	0.0066 fts
DY			27428.7134 fts	0.0009 fts	-0.0114 fts	0.0161 fts

DZ			25485.4101 fts	-0.0178 fts	-0.0139 fts	0.0145 fts
DX	WALTON	WBDR AZ-11	16118.6786 fts	-0.0053 fts	-0.0068 fts	0.0087 fts
DY			26673.3228 fts	-0.0063 fts	-0.0155 fts	0.0224 fts
DZ			24471.6006 fts	-0.0166 fts	-0.0076 fts	0.0203 fts
DX	WALTON	WBDR AZ-10	5057.6026 fts	0.0039 fts	0.0033 fts	0.0131 fts
DY			4414.6572 fts	-0.0018 fts	-0.0030 fts	0.0287 fts
DZ			3377.7794 fts	-0.0016 fts	0.0010 fts	0.0196 fts
DX	WALTON	WBDR AZ-1	-7211.4185 fts	-0.0042 fts	-0.0019 fts	0.0058 fts
DY			-4995.7446 fts	0.0081 fts	-0.0006 fts	0.0098 fts
DZ			-3287.3015 fts	-0.0089 fts	-0.0126 fts	0.0099 fts
DX	DELHI	WBDR AZ-22	3367.0222 fts	0.0006 fts	0.0001 fts	0.0036 fts
DY			2642.7582 fts	-0.0019 fts	0.0022 fts	0.0078 fts
DZ			1560.7178 fts	0.0047 fts	0.0046 fts	0.0079 fts
DX	DELHI	WBDR AZ-21	3659.0399 fts	0.0021 fts	0.0013 fts	0.0033 fts
DY			3024.6762 fts	-0.0025 fts	0.0011 fts	0.0071 fts
DZ			1879.5702 fts	0.0041 fts	0.0050 fts	0.0071 fts
DX	DELHI	WBDR AZ-20	1490.3053 fts	0.0112 fts	0.0089 fts	0.0071 fts
DY			131.6571 fts	-0.0076 fts	0.0017 fts	0.0137 fts
DZ			-578.1913 fts	0.0116 fts	0.0154 fts	0.0090 fts
DX	DELHI	WBDR AZ-19 OLD	1134.1499 fts	-0.0059 fts	-0.0052 fts	0.0073 fts
DY			775.5921 fts	0.0022 fts	0.0038 fts	0.0139 fts
DZ			234.7602 fts	0.0018 fts	-0.0015 fts	0.0091 fts
DX	DELHI	WBDR AZ-16 OLD	-9298.7068 fts	-0.0043 fts	-0.0042 fts	0.0052 fts
DY			-18131.3874 fts	-0.0003 fts	-0.0108 fts	0.0078 fts
DZ			-17027.2299 fts	-0.0154 fts	-0.0110 fts	0.0090 fts
DX	DELHI	WBDR AZ-15	-8817.3163 fts	-0.0025 fts	-0.0009 fts	0.0051 fts
DY			-18392.9093 fts	0.0057 fts	-0.0069 fts	0.0078 fts
DZ			-17433.8850 fts	-0.0149 fts	-0.0146 fts	0.0089 fts
DX	DELHI	WBDR AZ-14	-12759.3265 fts	-0.0160 fts	-0.0128 fts	0.0059 fts
DY			-24686.8134 fts	0.0103 fts	-0.0041 fts	0.0098 fts
DZ			-23049.6034 fts	-0.0184 fts	-0.0227 fts	0.0088 fts
DX	DELHI	WBDR AZ-13	-13267.8474 fts	-0.0164 fts	-0.0117 fts	0.0061 fts
DY			-24341.8090 fts	0.0157 fts	-0.0011 fts	0.0101 fts
DZ			-22509.3421 fts	-0.0192 fts	-0.0273 fts	0.0090 fts
DX	DELHI	WBDR AZ-12	-31996.6287 fts	0.0052 fts	0.0098 fts	0.0069 fts
DY			-11507.3008 fts	0.0188 fts	0.0058 fts	0.0166 fts
DZ			-2967.2969 fts	-0.0073 fts	-0.0174 fts	0.0151 fts
DX	DELHI	WBDR AZ-11	-31373.4099 fts	0.0093 fts	0.0123 fts	0.0089 fts
DY			-12262.6915 fts	0.0131 fts	0.0220 fts	0.0227 fts
DZ			-3981.1064 fts	0.0204 fts	0.0061 fts	0.0207 fts

DX	WBDR AZ-6	WBDR AZ-5	684.2452 fts	-0.0020 fts	0.0005 fts	0.0111 fts
DY			-400.0510 fts	0.0095 fts	0.0043 fts	0.0152 fts
DZ			-581.6105 fts	-0.0031 fts	-0.0093 fts	0.0116 fts
DX	WBDR AZ-27	WBDR AZ-28	544.4169 fts	-0.0021 fts	-0.0012 fts	0.0054 fts
DY			292.3713 fts	0.0031 fts	-0.0045 fts	0.0101 fts
DZ			165.9569 fts	-0.0094 fts	-0.0090 fts	0.0084 fts
DX	EBDR AZ-18	EBDR AZ-17	-552.4963 fts	0.0047 fts	0.0038 fts	0.0083 fts
DY			-297.0109 fts	-0.0027 fts	0.0017 fts	0.0093 fts
DZ			-176.5781 fts	0.0058 fts	0.0067 fts	0.0095 fts
DX	NEV AZ-1	ROND AZ-8	20591.2072 fts	0.0077 fts	0.0072 fts	0.0122 fts
DY			-8758.2528 fts	-0.0010 fts	0.0129 fts	0.0236 fts
DZ			-16704.3936 fts	0.0200 fts	0.0156 fts	0.0128 fts
DX	NEV AZ-1	ROND AZ-7	20232.3615 fts	0.0094 fts	0.0160 fts	0.0121 fts
DY			-9315.8145 fts	0.0262 fts	0.0325 fts	0.0234 fts
DZ			-17185.2700 fts	0.0233 fts	-0.0014 fts	0.0128 fts
DX	NEV AZ-1	NEV AZ-2	619.6557 fts	-0.0014 fts	0.0017 fts	0.0123 fts
DY			-270.5518 fts	0.0115 fts	0.0119 fts	0.0234 fts
DZ			-493.4280 fts	0.0058 fts	-0.0047 fts	0.0132 fts
DX	PHOENICIA	ROND AZ-8	-35870.0444 fts	0.0121 fts	0.0119 fts	0.0099 fts
DY			-65861.1280 fts	0.0010 fts	-0.0125 fts	0.0160 fts
DZ			-59785.2582 fts	-0.0148 fts	-0.0082 fts	0.0125 fts
DX	PHOENICIA	ROND AZ-7	-36228.8901 fts	-0.0018 fts	-0.0027 fts	0.0097 fts
DY			-66418.6896 fts	-0.0036 fts	-0.0352 fts	0.0157 fts
DZ			-60266.1346 fts	-0.0448 fts	-0.0278 fts	0.0124 fts
DX	PHOENICIA	ROND AZ-6	-43960.3322 fts	-0.0447 fts	-0.0219 fts	0.0089 fts
DY			-72302.1634 fts	0.0781 fts	0.0578 fts	0.0174 fts
DZ			-64207.4170 fts	-0.0008 fts	-0.0653 fts	0.0135 fts
DX	PHOENICIA	ROND AZ-4	-53367.9373 fts	-0.0025 fts	0.0091 fts	0.0100 fts
DY			-71273.2087 fts	0.0422 fts	0.0189 fts	0.0169 fts
DZ			-59976.4299 fts	-0.0118 fts	-0.0385 fts	0.0164 fts
DX	PHOENICIA	ROND AZ-2	-25175.8324 fts	-0.0029 fts	0.0130 fts	0.0089 fts
DY			-56081.4063 fts	0.0584 fts	0.0430 fts	0.0156 fts
DZ			-52228.8823 fts	0.0065 fts	-0.0380 fts	0.0144 fts
DX	PHOENICIA	ROND AZ-1	-25741.2774 fts	-0.0062 fts	0.0130 fts	0.0088 fts
DY			-56048.9660 fts	0.0703 fts	0.0452 fts	0.0157 fts
DZ			-52056.6038 fts	-0.0017 fts	-0.0526 fts	0.0144 fts
DX	PHOENICIA	NEV AZ-4	-52043.4318 fts	-0.0308 fts	-0.0078 fts	0.0100 fts
DY			-54563.3050 fts	0.0807 fts	0.0237 fts	0.0203 fts
DZ			-41591.2578 fts	-0.0457 fts	-0.0944 fts	0.0161 fts
DX	PHOENICIA	NEV AZ-3	-51411.0320 fts	0.0102 fts	0.0028 fts	0.0101 fts
DY			-54263.1327 fts	-0.0260 fts	-0.0106 fts	0.0214 fts
DZ			-41445.0323 fts	0.0109 fts	0.0280 fts	0.0167 fts
DX	PHOENICIA	NEV AZ-2	-55841.5960 fts	0.0128 fts	0.0084 fts	0.0147 fts
DY			-57373.4270 fts	-0.0146 fts	0.0281 fts	0.0246 fts

DZ			-43574.2926 fts	0.0537 fts	0.0490 fts	0.0172 fts
DX	PHOENICIA	NEV AZ-1	-56461.2516 fts	0.0751 fts	0.0746 fts	0.0131 fts
DY			-57102.8752 fts	0.0085 fts	0.0281 fts	0.0256 fts
DZ			-43080.8646 fts	0.0488 fts	0.0417 fts	0.0159 fts
DX	PHOENICIA	ASH AZ-30 OLD	17937.3675 fts	-0.0022 fts	-0.0018 fts	0.0066 fts
DY			-23137.2615 fts	0.0010 fts	0.0068 fts	0.0179 fts
DZ			-30431.4069 fts	0.0077 fts	0.0040 fts	0.0126 fts
DX	PHOENICIA	ASH AZ-29 OLD	17770.2940 fts	0.0016 fts	0.0013 fts	0.0062 fts
DY			-22668.4263 fts	-0.0006 fts	0.0014 fts	0.0151 fts
DZ			-29875.6059 fts	0.0028 fts	0.0026 fts	0.0112 fts
DX	PHOENICIA	ASH AZ-28	18042.1397 fts	0.0076 fts	0.0040 fts	0.0049 fts
DY			-13414.1069 fts	-0.0122 fts	-0.0106 fts	0.0089 fts
DZ			-20028.9255 fts	-0.0018 fts	0.0090 fts	0.0085 fts
DX	PHOENICIA	ASH AZ-27	18354.3920 fts	0.0094 fts	0.0077 fts	0.0049 fts
DY			-13900.8631 fts	-0.0048 fts	-0.0162 fts	0.0090 fts
DZ			-20669.7661 fts	-0.0155 fts	-0.0051 fts	0.0084 fts
DX	PHOENICIA	ASH AZ-26 OLD	13968.2720 fts	-0.0015 fts	-0.0038 fts	0.0047 fts
DY			-7832.3060 fts	-0.0086 fts	0.0031 fts	0.0083 fts
DZ			-12772.6177 fts	0.0112 fts	0.0134 fts	0.0084 fts
DX	PHOENICIA	ASH AZ-25 OLD	14238.6633 fts	0.0168 fts	0.0173 fts	0.0047 fts
DY			-8094.0019 fts	0.0040 fts	-0.0129 fts	0.0083 fts
DZ			-13136.0307 fts	-0.0168 fts	-0.0108 fts	0.0083 fts
DX	PHOENICIA	ASH AZ-22 OLD	24912.4570 fts	-0.0118 fts	-0.0117 fts	0.0057 fts
DY			4515.8762 fts	-0.0014 fts	0.0044 fts	0.0117 fts
DZ			-2360.5637 fts	0.0043 fts	0.0015 fts	0.0089 fts
DX	PHOENICIA	ASH AZ-21 OLD	25187.5921 fts	-0.0144 fts	-0.0189 fts	0.0064 fts
DY			5104.4444 fts	-0.0189 fts	-0.0120 fts	0.0129 fts
DZ			-1793.9716 fts	-0.0032 fts	0.0084 fts	0.0097 fts
DX	NEV AZ-3	ROND AZ-6	7450.6998 fts	0.0170 fts	0.0076 fts	0.0080 fts
DY			-18039.0307 fts	-0.0326 fts	-0.0139 fts	0.0192 fts
DZ			-22762.3846 fts	0.0135 fts	0.0358 fts	0.0142 fts
DX	NEV AZ-3	ROND AZ-5	7420.3710 fts	0.0076 fts	0.0033 fts	0.0081 fts
DY			-17557.8176 fts	-0.0150 fts	-0.0116 fts	0.0195 fts
DZ			-22250.4709 fts	-0.0009 fts	0.0117 fts	0.0144 fts
DX	NEV AZ-3	NEV AZ-4	-632.3998 fts	-0.0021 fts	-0.0019 fts	0.0082 fts
DY			-300.1724 fts	0.0007 fts	-0.0009 fts	0.0196 fts
DZ			-146.2255 fts	-0.0023 fts	-0.0024 fts	0.0148 fts
DX	ASH AZ-3	ASH AZ-4	516.5781 fts	0.0009 fts	-0.0002 fts	0.0144 fts
DY			13.9368 fts	-0.0040 fts	-0.0015 fts	0.0199 fts
DZ			-143.6732 fts	0.0016 fts	0.0042 fts	0.0164 fts
DX	NYHC	WBDR AZ-9	33585.3277 fts	-0.0127 fts	-0.0236 fts	0.0087 fts
DY			64361.9133 fts	-0.0448 fts	0.0074 fts	0.0176 fts
DZ			59921.9719 fts	0.0460 fts	0.0606 fts	0.0128 fts
		WBDR				

DX	NYHC	AZ-8	30371.6714 fts	0.0046 fts	-0.0048 fts	0.0077 fts
DY			70326.8931 fts	-0.0363 fts	0.0031 fts	0.0112 fts
DZ			67289.9337 fts	0.0368 fts	0.0515 fts	0.0100 fts
DX	NYHC	WBDR AZ-7	30208.1442 fts	-0.0003 fts	-0.0037 fts	0.0082 fts
DY			69625.4937 fts	-0.0137 fts	0.0004 fts	0.0118 fts
DZ			66552.7325 fts	0.0123 fts	0.0180 fts	0.0104 fts
DX	NYHC	WBDR AZ-6	20912.8686 fts	-0.0059 fts	-0.0020 fts	0.0094 fts
DY			65088.3375 fts	0.0144 fts	0.0100 fts	0.0142 fts
DZ			64625.3208 fts	-0.0003 fts	-0.0117 fts	0.0119 fts
DX	NYHC	WBDR AZ-5	21597.1138 fts	-0.0258 fts	-0.0275 fts	0.0113 fts
DY			64688.2865 fts	-0.0099 fts	-0.0037 fts	0.0159 fts
DZ			64043.7103 fts	-0.0023 fts	0.0008 fts	0.0127 fts
DX	NYHC	WBDR AZ-4	28665.5266 fts	0.0069 fts	-0.0010 fts	0.0055 fts
DY			61026.9694 fts	-0.0303 fts	-0.0019 fts	0.0108 fts
DZ			57656.7964 fts	0.0254 fts	0.0401 fts	0.0111 fts
DX	NYHC	WBDR AZ-3	28475.4999 fts	0.0012 fts	-0.0081 fts	0.0061 fts
DY			60639.0999 fts	-0.0363 fts	-0.0009 fts	0.0123 fts
DZ			57300.6558 fts	0.0305 fts	0.0467 fts	0.0128 fts
DX	NYHC	WBDR AZ-22	79748.8997 fts	0.0025 fts	-0.0014 fts	0.0055 fts
DY			101822.5897 fts	-0.0151 fts	-0.0109 fts	0.0106 fts
DZ			86769.1675 fts	-0.0010 fts	0.0107 fts	0.0105 fts
DX	NYHC	WBDR AZ-21	80040.9173 fts	-0.0103 fts	-0.0127 fts	0.0053 fts
DY			102204.5077 fts	-0.0110 fts	-0.0056 fts	0.0101 fts
DZ			87088.0200 fts	-0.0003 fts	0.0058 fts	0.0100 fts
DX	NYHC	WBDR AZ-20	77872.1827 fts	-0.0206 fts	-0.0223 fts	0.0082 fts
DY			99311.4886 fts	-0.0094 fts	-0.0046 fts	0.0155 fts
DZ			84630.2585 fts	-0.0027 fts	0.0011 fts	0.0114 fts
DX	NYHC	WBDR AZ-2	22547.7982 fts	0.0080 fts	-0.0004 fts	0.0063 fts
DY			55753.9232 fts	-0.0322 fts	-0.0084 fts	0.0107 fts
DZ			53739.3509 fts	0.0186 fts	0.0371 fts	0.0105 fts
DX	NYHC	WBDR AZ-19 OLD	77516.0274 fts	-0.0096 fts	-0.0094 fts	0.0083 fts
DY			99955.4235 fts	-0.0004 fts	-0.0037 fts	0.0156 fts
DZ			85443.2099 fts	-0.0069 fts	-0.0062 fts	0.0114 fts
DX	NYHC	WBDR AZ-16 OLD	67083.1707 fts	0.0303 fts	0.0292 fts	0.0057 fts
DY			81048.4441 fts	-0.0004 fts	0.0061 fts	0.0088 fts
DZ			68181.2198 fts	0.0154 fts	0.0163 fts	0.0097 fts
DX	NYHC	WBDR AZ-15	67564.5612 fts	0.0115 fts	0.0043 fts	0.0055 fts
DY			80786.9222 fts	-0.0269 fts	0.0047 fts	0.0085 fts
DZ			67774.5647 fts	0.0323 fts	0.0431 fts	0.0094 fts
DX	NYHC	WBDR AZ-14	63622.5510 fts	0.0005 fts	0.0053 fts	0.0059 fts

DY			74493.0182 fts	0.0190 fts	0.0054 fts	0.0098 fts
DZ			62158.8464 fts	-0.0092 fts	-0.0197 fts	0.0086 fts
DX	NYHC	WBDR AZ-13	63114.0301 fts	-0.0023 fts	-0.0034 fts	0.0062 fts
DY			74838.0226 fts	-0.0049 fts	-0.0136 fts	0.0102 fts
DZ			62699.1077 fts	-0.0145 fts	-0.0066 fts	0.0089 fts
DX	NYHC	WBDR AZ-12	44385.2487 fts	0.0021 fts	0.0058 fts	0.0069 fts
DY			87672.5307 fts	0.0146 fts	0.0142 fts	0.0165 fts
DZ			82241.1529 fts	0.0069 fts	-0.0055 fts	0.0149 fts
DX	NYHC	WBDR AZ-11	45008.4676 fts	-0.0235 fts	-0.0236 fts	0.0091 fts
DY			86917.1400 fts	-0.0036 fts	-0.0086 fts	0.0228 fts
DZ			81227.3433 fts	-0.0137 fts	-0.0110 fts	0.0208 fts
DX	NYHC	WBDR AZ-10	33947.3916 fts	-0.0027 fts	-0.0030 fts	0.0136 fts
DY			64658.4745 fts	-0.0015 fts	0.0190 fts	0.0294 fts
DZ			60133.5222 fts	0.0263 fts	0.0182 fts	0.0206 fts
DX	NYHC	WBDR AZ-1	21678.3704 fts	0.0214 fts	0.0101 fts	0.0068 fts
DY			55248.0726 fts	-0.0417 fts	0.0035 fts	0.0114 fts
DZ			53468.4413 fts	0.0459 fts	0.0648 fts	0.0114 fts
DX	NYHC	EBDR AZ- 3	118236.7553 fts	-0.0312 fts	-0.0073 fts	0.0075 fts
DY			88598.2135 fts	0.0902 fts	0.0135 fts	0.0122 fts
DZ			61956.8241 fts	-0.0675 fts	-0.1159 fts	0.0126 fts
DX	NYHC	EBDR AZ- 2	117593.6005 fts	-0.0212 fts	-0.0031 fts	0.0066 fts
DY			82810.2770 fts	0.0687 fts	0.0253 fts	0.0100 fts
DZ			55942.7692 fts	-0.0306 fts	-0.0739 fts	0.0094 fts
DX	NYHC	EBDR AZ- 1	117302.1353 fts	-0.0109 fts	0.0017 fts	0.0063 fts
DY			82501.2548 fts	0.0480 fts	0.0010 fts	0.0095 fts
DZ			55632.5049 fts	-0.0429 fts	-0.0653 fts	0.0089 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	19430.3876 fts	0.0271 fts	0.0194 fts	0.0050 fts
DY			20815.8322 fts	-0.0257 fts	-0.0272 fts	0.0088 fts
DZ			16749.7519 fts	-0.0078 fts	0.0183 fts	0.0095 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	10717.7652 fts	0.0023 fts	-0.0034 fts	0.0062 fts
DY			10262.9428 fts	-0.0211 fts	-0.0033 fts	0.0116 fts
DZ			7919.0430 fts	0.0146 fts	0.0253 fts	0.0097 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	-1244.5934 fts	-0.0108 fts	-0.0033 fts	0.0066 fts
DY			208.0302 fts	0.0270 fts	0.0052 fts	0.0128 fts
DZ			570.4328 fts	-0.0193 fts	-0.0344 fts	0.0106 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	-26660.9110 fts	-0.0331 fts	-0.0219 fts	0.0058 fts
DY			-13499.6822 fts	0.0381 fts	0.0266 fts	0.0110 fts
DZ			-6775.5992 fts	-0.0054 fts	-0.0372 fts	0.0111 fts
DX	FLEISCHMANNNS 2	EBDR AZ- 9	-25373.4047 fts	-0.0207 fts	-0.0179 fts	0.0036 fts
DY			-8841.4752 fts	0.0074 fts	0.0125 fts	0.0067 fts
DZ			-2244.3505 fts	0.0054 fts	-0.0057 fts	0.0070 fts
DX	FLEISCHMANNNS 2	EBDR AZ-	-38247.6321 fts	0.0050 fts	-0.0048 fts	0.0063 fts

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DY			-12367.0908 fts	-0.0359 fts	-0.0248 fts	0.0118 fts
DZ			-2144.3138 fts	-0.0010 fts	0.0259 fts	0.0094 fts
DX	FLEISCHMANNNS 2	EBDR AZ-7 OLD	-38534.3711 fts	-0.0012 fts	-0.0083 fts	0.0083 fts
DY			-12757.2900 fts	-0.0266 fts	-0.0183 fts	0.0145 fts
DZ			-2498.9846 fts	-0.0017 fts	0.0176 fts	0.0116 fts
DX	FLEISCHMANNNS 2	EBDR AZ-6	-36621.1785 fts	-0.0074 fts	-0.0111 fts	0.0046 fts
DY			-17278.9490 fts	-0.0149 fts	0.0010 fts	0.0108 fts
DZ			-7953.6024 fts	0.0126 fts	0.0177 fts	0.0081 fts
DX	FLEISCHMANNNS 2	EBDR AZ-5	-36037.7920 fts	-0.0086 fts	-0.0104 fts	0.0046 fts
DY			-17332.0461 fts	-0.0078 fts	0.0030 fts	0.0106 fts
DZ			-8185.9189 fts	0.0088 fts	0.0098 fts	0.0081 fts
DX	FLEISCHMANNNS 2	EBDR AZ-4	-65100.0772 fts	-0.0171 fts	0.0018 fts	0.0073 fts
DY			-10024.8875 fts	0.0684 fts	-0.0057 fts	0.0116 fts
DZ			8454.6906 fts	-0.0715 fts	-0.1003 fts	0.0119 fts
DX	FLEISCHMANNNS 2	EBDR AZ-28	3271.5216 fts	-0.0010 fts	0.0006 fts	0.0056 fts
DY			520.3546 fts	0.0055 fts	0.0038 fts	0.0113 fts
DZ			-430.3998 fts	0.0000 fts	-0.0041 fts	0.0137 fts
DX	FLEISCHMANNNS 2	EBDR AZ-27	2754.2924 fts	-0.0003 fts	0.0017 fts	0.0057 fts
DY			373.8430 fts	0.0074 fts	0.0049 fts	0.0116 fts
DZ			-445.0834 fts	0.0000 fts	-0.0053 fts	0.0144 fts
DX	FLEISCHMANNNS 2	EBDR AZ-26	-3169.1695 fts	-0.0203 fts	-0.0143 fts	0.0047 fts
DY			-129.3030 fts	0.0198 fts	0.0126 fts	0.0090 fts
DZ			709.7498 fts	-0.0052 fts	-0.0216 fts	0.0092 fts
DX	FLEISCHMANNNS 2	EBDR AZ-25 OLD	-2623.2415 fts	-0.0110 fts	-0.0078 fts	0.0067 fts
DY			-132.9507 fts	0.0102 fts	0.0257 fts	0.0124 fts
DZ			548.1061 fts	0.0232 fts	0.0061 fts	0.0133 fts
DX	FLEISCHMANNNS 2	EBDR AZ-24	-6208.9761 fts	0.0046 fts	0.0025 fts	0.0051 fts
DY			-8612.9873 fts	-0.0073 fts	-0.0039 fts	0.0096 fts
DZ			-7336.8270 fts	0.0022 fts	0.0076 fts	0.0079 fts
DX	FLEISCHMANNNS 2	EBDR AZ-23	-6946.0729 fts	0.0017 fts	0.0015 fts	0.0054 fts
DY			-8542.7307 fts	-0.0007 fts	-0.0045 fts	0.0103 fts
DZ			-7070.3096 fts	-0.0051 fts	-0.0026 fts	0.0086 fts
DX	FLEISCHMANNNS 2	EBDR AZ-22	-13394.5460 fts	-0.0204 fts	-0.0037 fts	0.0070 fts
DY			30216.9532 fts	0.0598 fts	0.0309 fts	0.0172 fts
DZ			35975.4195 fts	-0.0155 fts	-0.0572 fts	0.0134 fts
DX	FLEISCHMANNNS 2	EBDR AZ-21	-13564.6342 fts	-0.0139 fts	-0.0027 fts	0.0076 fts
DY			29734.4260 fts	0.0400 fts	0.0272 fts	0.0173 fts
DZ			35509.9088 fts	-0.0016 fts	-0.0324 fts	0.0142 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	-9808.5682 fts	-0.0037 fts	-0.0068 fts	0.0061 fts
DY			11021.4913 fts	-0.0121 fts	0.0024 fts	0.0144 fts
DZ			14777.2683 fts	0.0130 fts	0.0167 fts	0.0098 fts

DX	FLEISCHMANNNS 2	EBDR AZ-2	-65788.7084 fts	0.0166 fts	0.0211 fts	0.0059 fts
DY			-16436.3667 fts	0.0191 fts	-0.0251 fts	0.0090 fts
DZ			1779.5493 fts	-0.0466 fts	-0.0417 fts	0.0081 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	-9057.3594 fts	-0.0085 fts	-0.0118 fts	0.0054 fts
DY			11254.5409 fts	-0.0137 fts	-0.0010 fts	0.0129 fts
DZ			14893.3649 fts	0.0085 fts	0.0138 fts	0.0093 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	-16523.5968 fts	0.0195 fts	0.0099 fts	0.0059 fts
DY			8752.5783 fts	-0.0332 fts	-0.0073 fts	0.0088 fts
DZ			14179.6125 fts	0.0240 fts	0.0437 fts	0.0092 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	-15792.8014 fts	0.0231 fts	0.0208 fts	0.0070 fts
DY			3423.2644 fts	-0.0054 fts	-0.0006 fts	0.0100 fts
DZ			8096.9648 fts	0.0094 fts	0.0148 fts	0.0088 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	-15659.3095 fts	0.0123 fts	0.0132 fts	0.0055 fts
DY			2833.3373 fts	0.0051 fts	-0.0012 fts	0.0084 fts
DZ			7425.1622 fts	-0.0030 fts	-0.0032 fts	0.0074 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	-19206.3675 fts	0.0177 fts	0.0105 fts	0.0051 fts
DY			-6135.6645 fts	-0.0244 fts	0.0027 fts	0.0084 fts
DZ			-1117.1013 fts	0.0292 fts	0.0405 fts	0.0074 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	-19363.5460 fts	0.0182 fts	0.0168 fts	0.0051 fts
DY			-5620.0400 fts	-0.0028 fts	0.0106 fts	0.0082 fts
DZ			-513.2601 fts	0.0210 fts	0.0197 fts	0.0073 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	-20401.2069 fts	0.0352 fts	0.0330 fts	0.0091 fts
DY			-8104.4440 fts	-0.0033 fts	-0.0143 fts	0.0190 fts
DZ			-2850.3476 fts	-0.0079 fts	0.0041 fts	0.0135 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	-19710.2209 fts	0.0400 fts	0.0400 fts	0.0074 fts
DY			-7933.4879 fts	0.0054 fts	-0.0218 fts	0.0152 fts
DZ			-2895.1984 fts	-0.0245 fts	-0.0124 fts	0.0104 fts
DX	FLEISCHMANNNS 2	EBDR AZ-10	-25701.7852 fts	-0.0220 fts	-0.0191 fts	0.0037 fts
DY			-9181.9704 fts	0.0078 fts	0.0135 fts	0.0068 fts
DZ			-2526.1082 fts	0.0061 fts	-0.0058 fts	0.0070 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	-66080.1735 fts	0.0227 fts	0.0237 fts	0.0056 fts
DY			-16745.3889 fts	0.0068 fts	-0.0355 fts	0.0086 fts
DZ			1469.2851 fts	-0.0484 fts	-0.0328 fts	0.0077 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	40740.4598 fts	0.0119 fts	-0.0027 fts	0.0055 fts
DY			2535.5350 fts	-0.0531 fts	-0.0515 fts	0.0154 fts
DZ			-10015.2399 fts	-0.0202 fts	0.0268 fts	0.0129 fts
DX	FLEISCHMANNNS 2	ASH AZ-7	40193.6650 fts	0.0094 fts	-0.0062 fts	0.0054 fts
DY			2864.5011 fts	-0.0571 fts	-0.0491 fts	0.0157 fts
DZ			-9471.9485 fts	-0.0142 fts	0.0331 fts	0.0128 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	19661.4272 fts	-0.0135 fts	-0.0102 fts	0.0075 fts
DY			-657.6113 fts	0.0108 fts	0.0233 fts	0.0198 fts
DZ			-6539.6128 fts	0.0187 fts	0.0022 fts	0.0139 fts

ASH AZ-5

DX	FLEISCHMANNNS 2	OLD	19281.4370 fts	0.0027 fts	-0.0005 fts	0.0066 fts
DY			-471.3445 fts	-0.0118 fts	0.0114 fts	0.0161 fts
DZ			-6218.2352 fts	0.0263 fts	0.0266 fts	0.0117 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	30281.1044 fts	0.0114 fts	0.0032 fts	0.0159 fts
DY			-5134.7624 fts	-0.0291 fts	-0.0063 fts	0.0224 fts
DZ			-14865.9629 fts	0.0197 fts	0.0363 fts	0.0182 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	29764.5263 fts	0.0090 fts	0.0013 fts	0.0128 fts
DY			-5148.6992 fts	-0.0278 fts	-0.0111 fts	0.0186 fts
DZ			-14722.2897 fts	0.0114 fts	0.0293 fts	0.0138 fts
DX	FLEISCHMANNNS 2	ASH AZ-20	67903.4396 fts	0.0186 fts	0.0153 fts	0.0057 fts
DY			-3543.3114 fts	-0.0098 fts	-0.0030 fts	0.0136 fts
DZ			-25065.9390 fts	0.0090 fts	0.0167 fts	0.0118 fts
DX	FLEISCHMANNNS 2	ASH AZ-19	67927.6762 fts	0.0046 fts	-0.0014 fts	0.0056 fts
DY			-3166.0393 fts	-0.0218 fts	-0.0030 fts	0.0135 fts
DZ			-24667.2405 fts	0.0161 fts	0.0273 fts	0.0115 fts
DX	FLEISCHMANNNS 2	ASH AZ-18	64529.0574 fts	0.0101 fts	0.0064 fts	0.0113 fts
DY			-717.5729 fts	-0.0126 fts	-0.0055 fts	0.0201 fts
DZ			-20939.8039 fts	0.0060 fts	0.0150 fts	0.0138 fts
DX	FLEISCHMANNNS 2	ASH AZ-17	64814.8689 fts	0.0047 fts	-0.0045 fts	0.0123 fts
DY			-252.4017 fts	-0.0339 fts	-0.0140 fts	0.0217 fts
DZ			-20539.1908 fts	0.0118 fts	0.0331 fts	0.0154 fts
DX	FLEISCHMANNNS 2	ASH AZ-16	67993.7177 fts	0.0119 fts	0.0037 fts	0.0071 fts
DY			5186.6006 fts	-0.0289 fts	-0.0192 fts	0.0138 fts
DZ			-15350.2562 fts	0.0022 fts	0.0245 fts	0.0117 fts
DX	FLEISCHMANNNS 2	ASH AZ-15	67465.2066 fts	0.0077 fts	-0.0048 fts	0.0074 fts
DY			4948.8789 fts	-0.0459 fts	-0.0117 fts	0.0144 fts
DZ			-15472.4396 fts	0.0261 fts	0.0518 fts	0.0122 fts
DX	FLEISCHMANNNS 2	ASH AZ-14	75588.0952 fts	0.0136 fts	0.0138 fts	0.0102 fts
DY			14179.8503 fts	0.0025 fts	0.0062 fts	0.0179 fts
DZ			-7652.3146 fts	0.0095 fts	0.0073 fts	0.0185 fts
DX	FLEISCHMANNNS 2	ASH AZ-13	76311.2539 fts	0.0348 fts	0.0332 fts	0.0086 fts
DY			14579.8330 fts	-0.0014 fts	-0.0032 fts	0.0139 fts
DZ			-7407.4005 fts	0.0053 fts	0.0115 fts	0.0157 fts
DX	FLEISCHMANNNS 2	ASH AZ-12 OLD	50241.8111 fts	-0.0055 fts	0.0135 fts	0.0079 fts
DY			3646.4671 fts	0.0707 fts	0.0107 fts	0.0220 fts
DZ			-11796.7198 fts	-0.0486 fts	-0.0842 fts	0.0164 fts
DX	EBDR AZ-26	EBDR AZ-9	-22204.2352 fts	-0.0020 fts	0.0009 fts	0.0049 fts
DY			-8712.1722 fts	0.0107 fts	0.0053 fts	0.0095 fts
DZ			-2954.1002 fts	-0.0027 fts	-0.0099 fts	0.0098 fts
DX	EBDR AZ-26	EBDR AZ-25 OLD	545.9280 fts	0.0069 fts	0.0015 fts	0.0066 fts
DY			-3.6477 fts	-0.0191 fts	0.0088 fts	0.0129 fts
DZ			-161.6437 fts	0.0302 fts	0.0353 fts	0.0127 fts
DX	EBDR AZ-26	EBDR AZ-10	-22532.6157 fts	-0.0003 fts	0.0018 fts	0.0049 fts

DY			-9052.6675 fts	0.0078 fts	0.0052 fts	0.0095 fts
DZ			-3235.8580 fts	0.0002 fts	-0.0055 fts	0.0098 fts
DX	ASH AZ-27	ASH AZ-26 OLD	-4386.1200 fts	-0.0125 fts	-0.0131 fts	0.0042 fts
DY			6068.5571 fts	-0.0040 fts	0.0101 fts	0.0072 fts
DZ			7897.1485 fts	0.0140 fts	0.0097 fts	0.0080 fts
DX	ASH AZ-27	ASH AZ-25 OLD	-4115.7288 fts	0.0045 fts	0.0053 fts	0.0041 fts
DY			5806.8612 fts	0.0036 fts	-0.0022 fts	0.0070 fts
DZ			7533.7355 fts	-0.0051 fts	-0.0051 fts	0.0079 fts
DX	ASH AZ-27	ASH AZ-22 OLD	6558.0649 fts	0.0128 fts	0.0081 fts	0.0057 fts
DY			18416.7392 fts	-0.0153 fts	0.0146 fts	0.0114 fts
DZ			18309.2024 fts	0.0360 fts	0.0376 fts	0.0094 fts
DX	ASH AZ-27	ASH AZ-21 OLD	6833.2001 fts	-0.0052 fts	0.0030 fts	0.0063 fts
DY			19005.3075 fts	0.0296 fts	0.0178 fts	0.0124 fts
DZ			18875.7945 fts	-0.0030 fts	-0.0242 fts	0.0101 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	379.9902 fts	-0.0067 fts	-0.0040 fts	0.0069 fts
DY			-186.2668 fts	0.0093 fts	0.0030 fts	0.0186 fts
DZ			-321.3776 fts	-0.0057 fts	-0.0117 fts	0.0127 fts
DX	ASH AZ-5 OLD	ASH AZ-17	45533.4319 fts	0.0405 fts	0.0330 fts	0.0131 fts
DY			218.9428 fts	-0.0226 fts	-0.0208 fts	0.0254 fts
DZ			-14320.9556 fts	0.0015 fts	0.0252 fts	0.0179 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3741 fts	0.0081 fts	0.0034 fts	0.0079 fts
DY			4117.8116 fts	-0.0168 fts	0.0080 fts	0.0228 fts
DZ			-5578.4846 fts	0.0274 fts	0.0320 fts	0.0163 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7653 fts	0.0055 fts	-0.0105 fts	0.0091 fts
DY			4003.3424 fts	-0.0589 fts	-0.0089 fts	0.0238 fts
DZ			-5493.9901 fts	0.0407 fts	0.0704 fts	0.0185 fts
DX	WBDR AZ-4	WBDR AZ-3	-190.0267 fts	0.0016 fts	0.0012 fts	0.0050 fts
DY			-387.8695 fts	-0.0012 fts	-0.0004 fts	0.0109 fts
DZ			-356.1406 fts	0.0008 fts	0.0017 fts	0.0115 fts
DX	ASH AZ-24	ASH AZ-23	955.6037 fts	0.0055 fts	0.0039 fts	0.0113 fts
DY			76.4405 fts	-0.0050 fts	-0.0055 fts	0.0236 fts
DZ			-225.7236 fts	-0.0017 fts	0.0035 fts	0.0221 fts
DX	NYON	WBDR AZ-9	16282.8177 fts	-0.0073 fts	-0.0084 fts	0.0083 fts
DY			-62107.1661 fts	-0.0053 fts	-0.0013 fts	0.0170 fts
DZ			-70284.2607 fts	0.0013 fts	0.0033 fts	0.0121 fts
DX	NYON	WBDR AZ-8	13069.1614 fts	0.0049 fts	0.0006 fts	0.0074 fts
DY			-56142.1863 fts	-0.0162 fts	0.0010 fts	0.0107 fts
DZ			-62916.2989 fts	0.0168 fts	0.0239 fts	0.0094 fts
DX	NYON	WBDR AZ-7	12905.6342 fts	0.0011 fts	0.0019 fts	0.0080 fts
DY			-56843.5857 fts	0.0031 fts	-0.0025 fts	0.0114 fts
DZ			-63653.5001 fts	-0.0058 fts	-0.0059 fts	0.0098 fts
DX	NYON	WBDR	3610.3587 fts	0.0015 fts	0.0038 fts	0.0092 fts

		AZ-6				
DY			-61380.7419 fts	0.0092 fts	0.0160 fts	0.0138 fts
DZ			-65580.9117 fts	0.0139 fts	0.0031 fts	0.0114 fts
DX	NYON	WBDR AZ-5	4294.6038 fts	-0.0167 fts	-0.0206 fts	0.0111 fts
DY			-61780.7929 fts	-0.0174 fts	0.0022 fts	0.0156 fts
DZ			-66162.5222 fts	0.0144 fts	0.0189 fts	0.0122 fts
DX	NYON	WBDR AZ-4	11363.0165 fts	0.0047 fts	0.0006 fts	0.0050 fts
DY			-65442.1100 fts	-0.0154 fts	0.0029 fts	0.0102 fts
DZ			-72549.4361 fts	0.0187 fts	0.0245 fts	0.0106 fts
DX	NYON	WBDR AZ-3	11172.9899 fts	0.0007 fts	-0.0048 fts	0.0057 fts
DY			-65829.9795 fts	-0.0210 fts	0.0027 fts	0.0118 fts
DZ			-72905.5767 fts	0.0223 fts	0.0301 fts	0.0123 fts
DX	NYON	WBDR AZ-28	119753.0819 fts	0.0113 fts	0.0051 fts	0.0064 fts
DY			14398.5834 fts	-0.0228 fts	0.0117 fts	0.0120 fts
DZ			-18178.8861 fts	0.0387 fts	0.0446 fts	0.0103 fts
DX	NYON	WBDR AZ-26	108491.8380 fts	0.0172 fts	0.0060 fts	0.0071 fts
DY			4420.6380 fts	-0.0414 fts	0.0146 fts	0.0124 fts
DZ			-25649.2577 fts	0.0604 fts	0.0735 fts	0.0132 fts
DX	NYON	WBDR AZ-25	107790.7232 fts	-0.0123 fts	-0.0138 fts	0.0070 fts
DY			4343.6709 fts	-0.0072 fts	0.0020 fts	0.0129 fts
DZ			-25527.4963 fts	0.0062 fts	0.0069 fts	0.0124 fts
DX	NYON	WBDR AZ-24	83246.4997 fts	-0.0069 fts	-0.0120 fts	0.0048 fts
DY			-8931.7692 fts	-0.0206 fts	-0.0001 fts	0.0098 fts
DZ			-32637.8236 fts	0.0164 fts	0.0245 fts	0.0097 fts
DX	NYON	WBDR AZ-22	62446.3896 fts	-0.0003 fts	0.0036 fts	0.0052 fts
DY			-24646.4897 fts	0.0152 fts	-0.0002 fts	0.0102 fts
DZ			-43437.0650 fts	-0.0137 fts	-0.0202 fts	0.0102 fts
DX	NYON	WBDR AZ-21	62738.4073 fts	-0.0122 fts	-0.0068 fts	0.0050 fts
DY			-24264.5716 fts	0.0196 fts	0.0057 fts	0.0097 fts
DZ			-43118.2125 fts	-0.0125 fts	-0.0247 fts	0.0096 fts
DX	NYON	WBDR AZ-20	60569.6727 fts	-0.0097 fts	-0.0036 fts	0.0080 fts
DY			-27157.5908 fts	0.0225 fts	-0.0132 fts	0.0152 fts
DZ			-45575.9741 fts	-0.0400 fts	-0.0449 fts	0.0111 fts
DX	NYON	WBDR AZ-2	5245.2882 fts	0.0058 fts	0.0028 fts	0.0059 fts
DY			-70715.1562 fts	-0.0109 fts	0.0021 fts	0.0101 fts
DZ			-76466.8816 fts	0.0138 fts	0.0181 fts	0.0099 fts
DX	NYON	WBDR AZ-19 OLD	60213.5174 fts	-0.0014 fts	0.0064 fts	0.0082 fts
DY			-26513.6558 fts	0.0303 fts	-0.0118 fts	0.0154 fts
DZ			-44763.0226 fts	-0.0431 fts	-0.0510 fts	0.0111 fts
DX	NYON	WBDR AZ-18	95273.6837 fts	0.0090 fts	0.0010 fts	0.0081 fts
DY			-20727.0032 fts	-0.0298 fts	-0.0040 fts	0.0130 fts

DZ			-48307.9598 fts	0.0231 fts	0.0385 fts	0.0113 fts
DX	NYON	WBDR AZ-17	95682.4491 fts	0.0220 fts	0.0155 fts	0.0086 fts
DY			-20304.7409 fts	-0.0225 fts	0.0145 fts	0.0136 fts
DZ			-47949.1958 fts	0.0448 fts	0.0504 fts	0.0118 fts
DX	NYON	WBDR AZ-16 OLD	49780.6606 fts	0.0186 fts	0.0231 fts	0.0053 fts
DY			-45420.6353 fts	0.0201 fts	0.0054 fts	0.0081 fts
DZ			-62025.0127 fts	-0.0060 fts	-0.0149 fts	0.0092 fts
DX	NYON	WBDR AZ-15	50262.0512 fts	-0.0011 fts	-0.0027 fts	0.0050 fts
DY			-45682.1572 fts	-0.0064 fts	0.0033 fts	0.0077 fts
DZ			-62431.6678 fts	0.0098 fts	0.0110 fts	0.0087 fts
DX	NYON	WBDR AZ-14	46320.0410 fts	0.0060 fts	0.0112 fts	0.0055 fts
DY			-51976.0612 fts	0.0210 fts	0.0044 fts	0.0091 fts
DZ			-68047.3862 fts	-0.0113 fts	-0.0215 fts	0.0079 fts
DX	NYON	WBDR AZ-13	45811.5201 fts	-0.0007 fts	-0.0001 fts	0.0058 fts
DY			-51631.0568 fts	0.0025 fts	-0.0119 fts	0.0095 fts
DZ			-67507.1249 fts	-0.0184 fts	-0.0143 fts	0.0082 fts
DX	NYON	WBDR AZ-12	27082.7387 fts	0.0063 fts	-0.0012 fts	0.0067 fts
DY			-38796.5487 fts	-0.0282 fts	-0.0007 fts	0.0163 fts
DZ			-47965.0796 fts	0.0255 fts	0.0385 fts	0.0147 fts
DX	NYON	WBDR AZ-11	27705.9576 fts	-0.0175 fts	-0.0275 fts	0.0089 fts
DY			-39551.9393 fts	-0.0411 fts	-0.0227 fts	0.0227 fts
DZ			-48978.8892 fts	0.0014 fts	0.0270 fts	0.0206 fts
DX	NYON	WBDR AZ-1	4375.8604 fts	0.0143 fts	0.0101 fts	0.0064 fts
DY			-71221.0067 fts	-0.0146 fts	0.0171 fts	0.0109 fts
DZ			-76737.7913 fts	0.0394 fts	0.0397 fts	0.0108 fts
DX	NYON	EBDR AZ- 8	127832.1667 fts	-0.0325 fts	-0.0293 fts	0.0067 fts
DY			-39589.5265 fts	0.0083 fts	0.0085 fts	0.0125 fts
DZ			-78187.3265 fts	-0.0034 fts	-0.0144 fts	0.0101 fts
DX	NYON	EBDR AZ- 7 OLD	127545.4278 fts	-0.0220 fts	-0.0277 fts	0.0087 fts
DY			-39979.7257 fts	-0.0252 fts	-0.0223 fts	0.0152 fts
DZ			-78541.9973 fts	-0.0131 fts	0.0050 fts	0.0123 fts
DX	NYON	EBDR AZ- 6	129458.6203 fts	-0.0148 fts	-0.0028 fts	0.0057 fts
DY			-44501.3847 fts	0.0450 fts	0.0027 fts	0.0122 fts
DZ			-83996.6151 fts	-0.0396 fts	-0.0616 fts	0.0097 fts
DX	NYON	EBDR AZ- 5	130042.0069 fts	-0.0103 fts	-0.0027 fts	0.0057 fts
DY			-44554.4818 fts	0.0282 fts	-0.0121 fts	0.0120 fts
DZ			-84228.9316 fts	-0.0438 fts	-0.0516 fts	0.0096 fts
DX	NYON	EBDR AZ- 4	100979.7217 fts	-0.0189 fts	-0.0158 fts	0.0071 fts
DY			-37247.3231 fts	0.0094 fts	-0.0134 fts	0.0115 fts
DZ			-67588.3221 fts	-0.0308 fts	-0.0311 fts	0.0119 fts
DX	NYON	EBDR AZ-	100934.2453 fts	-0.0057 fts	0.0037 fts	0.0066 fts

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DY			-37870.8659 fts	0.0359 fts	-0.0098 fts	0.0108 fts
DZ			-68249.4085 fts	-0.0464 fts	-0.0580 fts	0.0113 fts
DX	NYON	EBDR AZ-22	152685.2529 fts	0.0021 fts	-0.0088 fts	0.0071 fts
DY			2994.5175 fts	-0.0420 fts	-0.0266 fts	0.0175 fts
DZ			-40067.5932 fts	0.0016 fts	0.0315 fts	0.0136 fts
DX	NYON	EBDR AZ-21	152515.1647 fts	-0.0103 fts	-0.0077 fts	0.0079 fts
DY			2511.9903 fts	0.0086 fts	0.0117 fts	0.0177 fts
DZ			-40533.1038 fts	0.0059 fts	-0.0041 fts	0.0146 fts
DX	NYON	EBDR AZ-2	100291.0905 fts	-0.0143 fts	-0.0052 fts	0.0056 fts
DY			-43658.8024 fts	0.0332 fts	0.0084 fts	0.0083 fts
DZ			-74263.4633 fts	-0.0214 fts	-0.0408 fts	0.0076 fts
DX	NYON	EBDR AZ-17	149003.7057 fts	-0.0101 fts	-0.0095 fts	0.0089 fts
DY			-18766.8683 fts	0.0011 fts	-0.0280 fts	0.0108 fts
DZ			-62039.9783 fts	-0.0412 fts	-0.0305 fts	0.0107 fts
DX	NYON	EBDR AZ-1	99999.6253 fts	-0.0063 fts	-0.0017 fts	0.0052 fts
DY			-43967.8246 fts	0.0169 fts	-0.0061 fts	0.0078 fts
DZ			-74573.7276 fts	-0.0247 fts	-0.0300 fts	0.0071 fts
DX	EBDR AZ-20	EBDR AZ-6	-26812.6103 fts	0.0040 fts	0.0034 fts	0.0066 fts
DY			-28300.4403 fts	-0.0016 fts	0.0111 fts	0.0159 fts
DZ			-22730.8707 fts	0.0174 fts	0.0136 fts	0.0109 fts
DX	EBDR AZ-20	EBDR AZ-5	-26229.2238 fts	0.0096 fts	0.0042 fts	0.0066 fts
DY			-28353.5374 fts	-0.0191 fts	0.0017 fts	0.0158 fts
DZ			-22963.1872 fts	0.0213 fts	0.0298 fts	0.0109 fts
DX	EBDR AZ-20	EBDR AZ-19	751.2088 fts	-0.0062 fts	-0.0010 fts	0.0068 fts
DY			233.0496 fts	0.0188 fts	0.0072 fts	0.0167 fts
DZ			116.0966 fts	-0.0082 fts	-0.0202 fts	0.0112 fts
DX	ROND AZ-3	ROND AZ-4	700.6853 fts	-0.0032 fts	-0.0025 fts	0.0075 fts
DY			250.1031 fts	0.0025 fts	0.0032 fts	0.0116 fts
DZ			38.6482 fts	0.0014 fts	-0.0014 fts	0.0137 fts
DX	ROND AZ-3	ROND AZ-2	28892.7902 fts	0.0046 fts	0.0031 fts	0.0075 fts
DY			15441.9054 fts	-0.0048 fts	-0.0061 fts	0.0126 fts
DZ			7786.1958 fts	-0.0030 fts	0.0023 fts	0.0138 fts
DX	ROND AZ-3	ROND AZ-1	28327.3452 fts	0.0045 fts	0.0012 fts	0.0074 fts
DY			15474.3459 fts	-0.0115 fts	-0.0063 fts	0.0126 fts
DZ			7958.4743 fts	0.0026 fts	0.0109 fts	0.0137 fts
DX	ASH AZ-11 OLD	ASH AZ-6 OLD	-29908.7751 fts	0.0244 fts	0.0405 fts	0.0095 fts
DY			-4189.6092 fts	0.0630 fts	0.0118 fts	0.0260 fts
DZ			5172.6126 fts	-0.0329 fts	-0.0622 fts	0.0198 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	671.6089 fts	-0.0003 fts	-0.0047 fts	0.0090 fts
DY			114.4692 fts	-0.0165 fts	-0.0128 fts	0.0248 fts
DZ			-84.4945 fts	-0.0029 fts	0.0098 fts	0.0194 fts

DX	ASH AZ-11 OLD	ASH AZ 11 NEW	625.5501 fts	-0.0219 fts	-0.0169 fts	0.0115 fts
DY			96.1409 fts	0.0155 fts	-0.0213 fts	0.0210 fts
DZ			-85.7549 fts	-0.0475 fts	-0.0473 fts	0.0205 fts
DX	NYHS	ASH AZ- 26 OLD	-120377.6022 fts	-0.0057 fts	-0.0036 fts	0.0068 fts
DY			-90289.3530 fts	0.0069 fts	0.0117 fts	0.0129 fts
DZ			-58522.5214 fts	0.0083 fts	-0.0005 fts	0.0127 fts
DX	NYHS	ASH AZ- 25 OLD	-120107.2109 fts	-0.0028 fts	0.0068 fts	0.0067 fts
DY			-90551.0490 fts	0.0338 fts	0.0318 fts	0.0129 fts
DZ			-58885.9344 fts	0.0128 fts	-0.0160 fts	0.0126 fts
DX	NYHS	ASH AZ- 23	-98774.4085 fts	-0.0320 fts	-0.0062 fts	0.0118 fts
DY			-76222.7841 fts	0.0875 fts	0.0640 fts	0.0240 fts
DZ			-49387.9659 fts	0.0020 fts	-0.0675 fts	0.0221 fts
DX	NYHS	ASH AZ- 22 OLD	-109433.4172 fts	-0.0058 fts	-0.0091 fts	0.0075 fts
DY			-77941.1709 fts	-0.0125 fts	0.0076 fts	0.0152 fts
DZ			-48110.4674 fts	0.0197 fts	0.0209 fts	0.0130 fts
DX	NYHS	ASH AZ- 21 OLD	-109158.2821 fts	0.0070 fts	0.0042 fts	0.0081 fts
DY			-77352.6027 fts	-0.0091 fts	-0.0153 fts	0.0162 fts
DZ			-47543.8754 fts	-0.0110 fts	0.0005 fts	0.0137 fts
DX	NYHS	ASH AZ- 20	-130894.5714 fts	0.0010 fts	0.0082 fts	0.0070 fts
DY			-85238.9686 fts	0.0258 fts	0.0006 fts	0.0154 fts
DZ			-49865.7459 fts	-0.0214 fts	-0.0325 fts	0.0137 fts
DX	NYHS	ASH AZ- 19	-130870.3349 fts	-0.0142 fts	-0.0076 fts	0.0070 fts
DY			-84861.6965 fts	0.0216 fts	0.0076 fts	0.0154 fts
DZ			-49467.0474 fts	-0.0121 fts	-0.0264 fts	0.0136 fts
DX	NYHS	ASH AZ- 16	-130804.2934 fts	0.0098 fts	0.0017 fts	0.0082 fts
DY			-76509.0567 fts	-0.0276 fts	-0.0392 fts	0.0157 fts
DZ			-40150.0631 fts	-0.0264 fts	0.0038 fts	0.0139 fts
DX	NYHS	ASH AZ- 15	-131332.8045 fts	0.0135 fts	-0.0013 fts	0.0085 fts
DY			-76746.7783 fts	-0.0512 fts	-0.0391 fts	0.0163 fts
DZ			-40272.2465 fts	-0.0047 fts	0.0360 fts	0.0143 fts
DX	NYHS	ASH AZ- 14	-123209.9158 fts	-0.0129 fts	-0.0169 fts	0.0110 fts
DY			-67515.8070 fts	-0.0159 fts	0.0303 fts	0.0197 fts
DZ			-32452.1215 fts	0.0515 fts	0.0433 fts	0.0200 fts
DX	NYHS	ASH AZ- 13	-122486.7572 fts	0.0273 fts	0.0049 fts	0.0096 fts
DY			-67115.8243 fts	-0.0761 fts	-0.0027 fts	0.0165 fts
DZ			-32207.2074 fts	0.0696 fts	0.1065 fts	0.0177 fts
DX	NYCS	WBDR AZ-28	-28171.5600 fts	-0.0031 fts	0.0073 fts	0.0066 fts
DY			-83922.5253 fts	0.0385 fts	0.0184 fts	0.0123 fts
DZ			-79104.3656 fts	-0.0100 fts	-0.0347 fts	0.0106 fts
DX	NYCS	WBDR AZ-27	-28715.9769 fts	-0.0071 fts	-0.0044 fts	0.0077 fts
DY			-84214.8966 fts	0.0090 fts	-0.0156 fts	0.0144 fts

DZ			-79270.3225 fts	-0.0310 fts	-0.0287 fts	0.0124 fts
DX	NYCS	WBDR AZ-26	-39432.8038 fts	0.0166 fts	0.0092 fts	0.0073 fts
DY			-93900.4707 fts	-0.0251 fts	0.0048 fts	0.0129 fts
DZ			-86574.7372 fts	0.0329 fts	0.0434 fts	0.0136 fts
DX	NYCS	WBDR AZ-25	-40133.9187 fts	-0.0098 fts	-0.0082 fts	0.0072 fts
DY			-93977.4378 fts	0.0048 fts	-0.0066 fts	0.0133 fts
DZ			-86452.9758 fts	-0.0156 fts	-0.0159 fts	0.0129 fts
DX	NYCS	WBDR AZ-24	-64678.1422 fts	-0.0017 fts	-0.0015 fts	0.0052 fts
DY			-107252.8779 fts	0.0006 fts	-0.0031 fts	0.0107 fts
DZ			-93563.3032 fts	-0.0051 fts	-0.0042 fts	0.0106 fts
DX	NYCS	WBDR AZ-23	-65550.2363 fts	0.0253 fts	0.0189 fts	0.0051 fts
DY			-107685.1502 fts	-0.0203 fts	-0.0090 fts	0.0102 fts
DZ			-93799.0079 fts	0.0120 fts	0.0275 fts	0.0102 fts
DX	NYCS	WBDR AZ-15	-97662.5907 fts	-0.0119 fts	-0.0111 fts	0.0063 fts
DY			-144003.2659 fts	0.0014 fts	0.0270 fts	0.0102 fts
DZ			-123357.1473 fts	0.0325 fts	0.0187 fts	0.0112 fts
DX	NYCS	EBDR AZ- 22	4760.6110 fts	0.0173 fts	-0.0023 fts	0.0078 fts
DY			-95326.5913 fts	-0.0707 fts	-0.0425 fts	0.0186 fts
DZ			-100993.0727 fts	0.0092 fts	0.0597 fts	0.0151 fts
DX	NYCS	EBDR AZ- 21	4590.5228 fts	0.0037 fts	-0.0065 fts	0.0085 fts
DY			-95809.1184 fts	-0.0375 fts	-0.0107 fts	0.0188 fts
DZ			-101458.5834 fts	0.0197 fts	0.0406 fts	0.0159 fts
DX	NYKT	ROND AZ- 8	-120242.7236 fts	-0.0052 fts	-0.0046 fts	0.0092 fts
DY			-53674.4699 fts	0.0015 fts	-0.0049 fts	0.0144 fts
DZ			-20268.8857 fts	-0.0092 fts	-0.0082 fts	0.0112 fts
DX	NYKT	ROND AZ- 7	-120601.5693 fts	-0.0246 fts	-0.0233 fts	0.0091 fts
DY			-54232.0315 fts	0.0012 fts	-0.0232 fts	0.0142 fts
DZ			-20749.7621 fts	-0.0382 fts	-0.0314 fts	0.0111 fts
DX	NYKT	ROND AZ- 6	-128333.0114 fts	-0.0239 fts	-0.0219 fts	0.0082 fts
DY			-60115.5053 fts	0.0039 fts	0.0192 fts	0.0160 fts
DZ			-24691.0444 fts	0.0166 fts	0.0034 fts	0.0123 fts
DX	NYKT	ROND AZ- 5	-128363.3403 fts	-0.0145 fts	-0.0077 fts	0.0084 fts
DY			-59634.2921 fts	0.0224 fts	0.0206 fts	0.0165 fts
DZ			-24179.1307 fts	0.0047 fts	-0.0159 fts	0.0125 fts
DX	NYKT	ROND AZ- 4	-137740.6165 fts	0.0183 fts	0.0069 fts	0.0093 fts
DY			-59086.5506 fts	-0.0389 fts	-0.0120 fts	0.0154 fts
DZ			-20460.0574 fts	0.0219 fts	0.0462 fts	0.0154 fts
DX	NYKT	ROND AZ- 2	-109548.5117 fts	0.0128 fts	0.0086 fts	0.0079 fts
DY			-43894.7482 fts	-0.0136 fts	0.0077 fts	0.0138 fts
DZ			-12712.5098 fts	0.0252 fts	0.0292 fts	0.0132 fts
DX	NYKT	ROND AZ- 1	-110113.9567 fts	0.0196 fts	0.0141 fts	0.0079 fts

DY			-43862.3078 fts	-0.0175 fts	0.0091 fts	0.0139 fts
DZ			-12540.2313 fts	0.0321 fts	0.0380 fts	0.0131 fts
DX	NYKT	NEV AZ-3	-135783.7112 fts	0.0289 fts	0.0083 fts	0.0095 fts
DY			-42076.4746 fts	-0.0706 fts	-0.0508 fts	0.0203 fts
DZ			-1928.6598 fts	-0.0002 fts	0.0563 fts	0.0158 fts
DX	NYKT	EBDR AZ-28	-145553.2945 fts	0.0330 fts	0.0120 fts	0.0070 fts
DY			13468.4025 fts	-0.0717 fts	-0.0003 fts	0.0140 fts
DZ			60036.0695 fts	0.0696 fts	0.1045 fts	0.0157 fts
DX	NYKT	EBDR AZ-27	-146070.5237 fts	0.0010 fts	-0.0101 fts	0.0071 fts
DY			13321.8908 fts	-0.0403 fts	-0.0055 fts	0.0143 fts
DZ			60021.3859 fts	0.0276 fts	0.0475 fts	0.0163 fts
DX	NYKT	EBDR AZ-25 OLD	-151448.0576 fts	-0.0155 fts	-0.0129 fts	0.0081 fts
DY			12815.0972 fts	0.0071 fts	0.0240 fts	0.0154 fts
DZ			61014.5754 fts	0.0223 fts	0.0067 fts	0.0157 fts
DX	NYKT	EBDR AZ-24	-155033.7922 fts	0.0012 fts	-0.0047 fts	0.0068 fts
DY			4335.0606 fts	-0.0215 fts	-0.0435 fts	0.0132 fts
DZ			53129.6423 fts	-0.0396 fts	-0.0109 fts	0.0114 fts
DX	NYKT	ASH AZ-8	-108084.3563 fts	-0.0132 fts	-0.0061 fts	0.0057 fts
DY			15483.5829 fts	0.0240 fts	-0.0061 fts	0.0155 fts
DZ			50451.2293 fts	-0.0322 fts	-0.0413 fts	0.0132 fts
DX	NYKT	ASH AZ-7	-108631.1511 fts	-0.0059 fts	0.0114 fts	0.0057 fts
DY			15812.5490 fts	0.0621 fts	0.0016 fts	0.0158 fts
DZ			50994.5208 fts	-0.0529 fts	-0.0810 fts	0.0130 fts
DX	NYKT	ASH AZ-5 OLD	-129543.3791 fts	0.0090 fts	0.0094 fts	0.0071 fts
DY			12476.7034 fts	0.0027 fts	-0.0043 fts	0.0170 fts
DZ			54248.2341 fts	-0.0059 fts	-0.0041 fts	0.0129 fts
DX	NYKT	ASH AZ-4	-118543.7117 fts	-0.0255 fts	-0.0138 fts	0.0162 fts
DY			7813.2855 fts	0.0390 fts	0.0445 fts	0.0230 fts
DZ			45600.5064 fts	0.0198 fts	-0.0199 fts	0.0190 fts
DX	NYKT	ASH AZ-30 OLD	-66435.3117 fts	0.0300 fts	0.0320 fts	0.0068 fts
DY			-10950.6034 fts	0.0114 fts	0.0249 fts	0.0182 fts
DZ			9084.9656 fts	0.0310 fts	0.0187 fts	0.0131 fts
DX	NYKT	ASH AZ-3	-119060.2898 fts	-0.0177 fts	-0.0216 fts	0.0130 fts
DY			7799.3487 fts	-0.0167 fts	0.0134 fts	0.0191 fts
DZ			45744.1795 fts	0.0280 fts	0.0270 fts	0.0145 fts
DX	NYKT	ASH AZ-29 OLD	-66602.3853 fts	0.0004 fts	-0.0141 fts	0.0065 fts
DY			-10481.7682 fts	-0.0524 fts	-0.0289 fts	0.0154 fts
DZ			9640.7666 fts	0.0064 fts	0.0419 fts	0.0117 fts
DX	NYKT	ASH AZ-28	-66330.5396 fts	-0.0103 fts	-0.0009 fts	0.0048 fts
DY			-1227.4488 fts	0.0330 fts	0.0309 fts	0.0089 fts
DZ			19487.4470 fts	0.0105 fts	-0.0187 fts	0.0089 fts
DX	NYKT	ASH AZ-27	-66018.2872 fts	0.0153 fts	0.0086 fts	0.0049 fts
DY			-1714.2050 fts	-0.0222 fts	0.0255 fts	0.0092 fts
DZ			18846.6063 fts	0.0573 fts	0.0573 fts	0.0090 fts
DX	NYKT	ASH AZ-26 OLD	-70404.4072 fts	-0.0149 fts	-0.0080 fts	0.0048 fts

DY			4354.3522 fts	0.0232 fts	0.0040 fts	0.0087 fts
DZ			26743.7548 fts	-0.0183 fts	-0.0319 fts	0.0090 fts
DX	NYKT	ASH AZ-25 OLD	-70134.0160 fts	-0.0129 fts	0.0018 fts	0.0048 fts
DY			4092.6562 fts	0.0515 fts	0.0240 fts	0.0086 fts
DZ			26380.3418 fts	-0.0154 fts	-0.0497 fts	0.0089 fts
DX	NYKT	ASH AZ-24	-49756.8173 fts	-0.0122 fts	0.0101 fts	0.0111 fts
DY			18344.4805 fts	0.0794 fts	0.0476 fts	0.0234 fts
DZ			36104.0339 fts	-0.0075 fts	-0.0643 fts	0.0221 fts
DX	NYKT	ASH AZ-23	-48801.2136 fts	-0.0220 fts	-0.0079 fts	0.0109 fts
DY			18420.9211 fts	0.0482 fts	0.0359 fts	0.0223 fts
DZ			35878.3103 fts	0.0012 fts	-0.0382 fts	0.0205 fts
DX	NYKT	ASH AZ-22 OLD	-59460.2223 fts	-0.0052 fts	0.0016 fts	0.0059 fts
DY			16702.5343 fts	0.0243 fts	0.0038 fts	0.0121 fts
DZ			37155.8088 fts	-0.0171 fts	-0.0299 fts	0.0097 fts
DX	NYKT	ASH AZ-21 OLD	-59185.0871 fts	0.0127 fts	0.0151 fts	0.0066 fts
DY			17291.1025 fts	0.0105 fts	-0.0250 fts	0.0133 fts
DZ			37722.4009 fts	-0.0395 fts	-0.0313 fts	0.0106 fts
DX	NYKT	ASH AZ-20	-80921.3765 fts	0.0100 fts	0.0215 fts	0.0054 fts
DY			9404.7366 fts	0.0430 fts	0.0161 fts	0.0127 fts
DZ			35400.5303 fts	-0.0131 fts	-0.0374 fts	0.0112 fts
DX	NYKT	ASH AZ-2	-115941.4176 fts	-0.0044 fts	-0.0063 fts	0.0142 fts
DY			-5951.2652 fts	-0.0076 fts	0.0037 fts	0.0244 fts
DZ			30651.4287 fts	0.0105 fts	0.0116 fts	0.0253 fts
DX	NYKT	ASH AZ-19	-80897.1399 fts	-0.0059 fts	0.0051 fts	0.0053 fts
DY			9782.0086 fts	0.0389 fts	0.0189 fts	0.0126 fts
DZ			35799.2288 fts	-0.0096 fts	-0.0355 fts	0.0110 fts
DX	NYKT	ASH AZ-18	-84295.7587 fts	-0.0147 fts	-0.0222 fts	0.0113 fts
DY			12230.4750 fts	-0.0291 fts	0.0170 fts	0.0198 fts
DZ			39526.6654 fts	0.0444 fts	0.0475 fts	0.0136 fts
DX	NYKT	ASH AZ-17	-84009.9472 fts	-0.0158 fts	-0.0207 fts	0.0123 fts
DY			12695.6462 fts	-0.0200 fts	-0.0055 fts	0.0216 fts
DZ			39927.2785 fts	0.0060 fts	0.0151 fts	0.0153 fts
DX	NYKT	ASH AZ-16	-80831.0984 fts	0.0087 fts	0.0129 fts	0.0069 fts
DY			18134.6485 fts	0.0166 fts	-0.0184 fts	0.0131 fts
DZ			45116.2131 fts	-0.0369 fts	-0.0348 fts	0.0112 fts
DX	NYKT	ASH AZ-15	-81359.6095 fts	0.0101 fts	0.0097 fts	0.0073 fts
DY			17896.9269 fts	-0.0002 fts	-0.0165 fts	0.0138 fts
DZ			44994.0297 fts	-0.0196 fts	-0.0109 fts	0.0117 fts
DX	NYKT	ASH AZ-14	-73236.7209 fts	-0.0172 fts	-0.0165 fts	0.0101 fts
DY			27127.8982 fts	0.0000 fts	0.0154 fts	0.0175 fts
DZ			52814.1547 fts	0.0164 fts	0.0074 fts	0.0182 fts
DX	NYKT	ASH AZ-13	-72513.5623 fts	0.0139 fts	0.0068 fts	0.0085 fts

DY			27527.8809 fts	-0.0242 fts	-0.0040 fts	0.0135 fts
DZ			53059.0688 fts	0.0189 fts	0.0328 fts	0.0154 fts
DX	NYKT	ASH AZ-12 OLD	-98583.0050 fts	0.0084 fts	0.0124 fts	0.0080 fts
DY			16594.5149 fts	0.0156 fts	-0.0064 fts	0.0221 fts
DZ			48669.7495 fts	-0.0200 fts	-0.0228 fts	0.0168 fts
DX	NYKT	ASH AZ-11 OLD	-99254.6138 fts	0.0276 fts	0.0283 fts	0.0091 fts
DY			16480.0458 fts	0.0064 fts	-0.0176 fts	0.0227 fts
DZ			48754.2440 fts	-0.0223 fts	-0.0139 fts	0.0187 fts
DX	NYKT	ASH AZ-10	-113944.8233 fts	-0.0093 fts	-0.0112 fts	0.0209 fts
DY			21484.3354 fts	-0.0083 fts	-0.0115 fts	0.0374 fts
DZ			59112.4787 fts	-0.0106 fts	-0.0031 fts	0.0348 fts
DX	NYKT	ASH AZ-1	-115510.9674 fts	0.0030 fts	-0.0012 fts	0.0124 fts
DY			-6222.7704 fts	-0.0149 fts	0.0026 fts	0.0204 fts
DZ			30259.8539 fts	0.0171 fts	0.0227 fts	0.0214 fts
DX	WBDR AZ-12	WBDR AZ-11	623.2189 fts	0.0028 fts	0.0031 fts	0.0085 fts
DY			-755.3906 fts	0.0014 fts	0.0022 fts	0.0225 fts
DZ			-1013.8096 fts	0.0023 fts	0.0011 fts	0.0203 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	3704.2366 fts	-0.0055 fts	-0.0007 fts	0.0062 fts
DY			8453.3774 fts	0.0173 fts	0.0337 fts	0.0100 fts
DZ			7938.4224 fts	0.0291 fts	0.0061 fts	0.0089 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	52677.3948 fts	-0.0427 fts	-0.0318 fts	0.0135 fts
DY			-13550.7782 fts	0.0356 fts	-0.0059 fts	0.0222 fts
DZ			-29693.3552 fts	-0.0493 fts	-0.0670 fts	0.0225 fts
DX	EBDR AZ-22	EBDR AZ-8	-24853.0861 fts	-0.0330 fts	-0.0114 fts	0.0085 fts
DY			-42584.0439 fts	0.0767 fts	0.0484 fts	0.0197 fts
DZ			-38119.7333 fts	-0.0098 fts	-0.0678 fts	0.0151 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	-25139.8251 fts	0.0027 fts	-0.0156 fts	0.0101 fts
DY			-42974.2432 fts	-0.0683 fts	-0.0401 fts	0.0215 fts
DZ			-38474.4041 fts	0.0063 fts	0.0534 fts	0.0167 fts
DX	EBDR AZ-22	EBDR AZ-21	-170.0882 fts	0.0045 fts	0.0002 fts	0.0073 fts
DY			-482.5272 fts	-0.0155 fts	-0.0155 fts	0.0182 fts
DZ			-465.5107 fts	-0.0063 fts	0.0077 fts	0.0146 fts
DX	BOICEVILLE	EBDR AZ-28	-79525.5996 fts	0.0402 fts	0.0387 fts	0.0069 fts
DY			15195.5445 fts	0.0001 fts	0.0044 fts	0.0139 fts
DZ			41199.5334 fts	0.0156 fts	0.0185 fts	0.0155 fts
DX	BOICEVILLE	EBDR AZ-27	-80042.8289 fts	0.0159 fts	0.0203 fts	0.0070 fts
DY			15049.0328 fts	0.0186 fts	-0.0055 fts	0.0141 fts
DZ			41184.8498 fts	-0.0196 fts	-0.0232 fts	0.0161 fts
DX	BOICEVILLE	EBDR AZ-14 OLD	-102003.4888 fts	0.0524 fts	0.0412 fts	0.0065 fts
DY			8539.5253 fts	-0.0342 fts	-0.0227 fts	0.0117 fts
DZ			40512.8319 fts	0.0118 fts	0.0429 fts	0.0105 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	-102160.6674 fts	0.0589 fts	0.0404 fts	0.0065 fts
DY			9055.1498 fts	-0.0602 fts	-0.0250 fts	0.0116 fts

DZ			41116.6730 fts	0.0330 fts	0.0771 fts	0.0104 fts
DX	BOICEVILLE	ASH AZ-8	-42056.6615 fts	-0.0048 fts	-0.0146 fts	0.0054 fts
DY			17210.7249 fts	-0.0369 fts	-0.0378 fts	0.0151 fts
DZ			31614.6932 fts	-0.0201 fts	0.0120 fts	0.0127 fts
DX	BOICEVILLE	ASH AZ-7	-42603.4563 fts	0.0009 fts	0.0030 fts	0.0053 fts
DY			17539.6909 fts	0.0075 fts	-0.0186 fts	0.0154 fts
DZ			32157.9847 fts	-0.0313 fts	-0.0262 fts	0.0125 fts
DX	BOICEVILLE	ASH AZ-5 OLD	-63515.6843 fts	0.0356 fts	0.0395 fts	0.0070 fts
DY			14203.8453 fts	0.0193 fts	-0.0225 fts	0.0167 fts
DZ			35411.6980 fts	-0.0383 fts	-0.0323 fts	0.0126 fts
DX	BOICEVILLE	ASH AZ-4	-52516.0169 fts	-0.0138 fts	0.0108 fts	0.0161 fts
DY			9540.4275 fts	0.0886 fts	-0.0062 fts	0.0229 fts
DZ			26763.9703 fts	-0.0886 fts	-0.1255 fts	0.0189 fts
DX	BOICEVILLE	ASH AZ- 30 OLD	-407.6169 fts	-0.0036 fts	-0.0015 fts	0.0060 fts
DY			-9223.4614 fts	0.0072 fts	0.0027 fts	0.0170 fts
DZ			-9751.5705 fts	-0.0035 fts	-0.0082 fts	0.0118 fts
DX	BOICEVILLE	ASH AZ-3	-53032.5950 fts	0.0059 fts	0.0121 fts	0.0130 fts
DY			9526.4906 fts	0.0238 fts	-0.0224 fts	0.0192 fts
DZ			26907.6434 fts	-0.0493 fts	-0.0488 fts	0.0145 fts
DX	BOICEVILLE	ASH AZ- 29 OLD	-574.6905 fts	0.0020 fts	0.0030 fts	0.0055 fts
DY			-8754.6262 fts	0.0041 fts	-0.0028 fts	0.0139 fts
DZ			-9195.7695 fts	-0.0068 fts	-0.0071 fts	0.0101 fts
DX	BOICEVILLE	ASH AZ- 28	-302.8448 fts	-0.0038 fts	-0.0044 fts	0.0037 fts
DY			499.6932 fts	-0.0030 fts	0.0005 fts	0.0066 fts
DZ			650.9109 fts	0.0023 fts	0.0029 fts	0.0070 fts
DX	BOICEVILLE	ASH AZ- 27	9.4076 fts	0.0013 fts	0.0016 fts	0.0038 fts
DY			12.9370 fts	0.0012 fts	-0.0064 fts	0.0069 fts
DZ			10.0702 fts	-0.0094 fts	-0.0068 fts	0.0071 fts
DX	BOICEVILLE	ASH AZ- 26 OLD	-4376.7124 fts	-0.0084 fts	-0.0118 fts	0.0037 fts
DY			6081.4941 fts	-0.0139 fts	0.0067 fts	0.0063 fts
DZ			7907.2187 fts	0.0190 fts	0.0210 fts	0.0072 fts
DX	BOICEVILLE	ASH AZ- 25 OLD	-4106.3212 fts	0.0081 fts	0.0071 fts	0.0036 fts
DY			5819.7982 fts	-0.0025 fts	-0.0080 fts	0.0062 fts
DZ			7543.8057 fts	-0.0066 fts	-0.0010 fts	0.0071 fts
DX	BOICEVILLE	ASH AZ- 24	16270.8775 fts	0.0066 fts	0.0022 fts	0.0106 fts
DY			20071.6225 fts	-0.0153 fts	-0.0120 fts	0.0224 fts
DZ			17267.4978 fts	-0.0013 fts	0.0114 fts	0.0212 fts
DX	BOICEVILLE	ASH AZ- 23	17226.4813 fts	0.0043 fts	-0.0023 fts	0.0104 fts
DY			20148.0630 fts	-0.0239 fts	-0.0128 fts	0.0214 fts
DZ			17041.7742 fts	0.0045 fts	0.0209 fts	0.0196 fts
DX	BOICEVILLE	ASH AZ- 22 OLD	6567.4725 fts	0.0110 fts	0.0092 fts	0.0052 fts
DY			18429.6762 fts	-0.0052 fts	-0.0016 fts	0.0107 fts
DZ			18319.2727 fts	0.0051 fts	0.0094 fts	0.0083 fts
DX	BOICEVILLE	ASH AZ- 21 OLD	6842.6077 fts	-0.0005 fts	-0.0027 fts	0.0059 fts

DY			19018.2445 fts	-0.0081 fts	-0.0089 fts	0.0119 fts
DZ			18885.8648 fts	-0.0050 fts	0.0024 fts	0.0092 fts
DX	BOICEVILLE	ASH AZ-20	-14893.6817 fts	-0.0090 fts	-0.0079 fts	0.0049 fts
DY			11131.8785 fts	0.0031 fts	0.0237 fts	0.0117 fts
DZ			16563.9942 fts	0.0270 fts	0.0141 fts	0.0102 fts
DX	BOICEVILLE	ASH AZ-19	-14869.4451 fts	-0.0076 fts	-0.0057 fts	0.0048 fts
DY			11509.1506 fts	0.0059 fts	0.0258 fts	0.0116 fts
DZ			16962.6927 fts	0.0277 fts	0.0128 fts	0.0099 fts
DX	BOICEVILLE	ASH AZ-18	-18268.0639 fts	0.0089 fts	0.0096 fts	0.0111 fts
DY			13957.6170 fts	0.0038 fts	-0.0188 fts	0.0195 fts
DZ			20690.1293 fts	-0.0264 fts	-0.0186 fts	0.0131 fts
DX	BOICEVILLE	ASH AZ-17	-17982.2524 fts	-0.0077 fts	-0.0017 fts	0.0121 fts
DY			14422.7881 fts	0.0212 fts	0.0039 fts	0.0211 fts
DZ			21090.7424 fts	-0.0149 fts	-0.0267 fts	0.0147 fts
DX	BOICEVILLE	ASH AZ-16	-14803.4036 fts	-0.0018 fts	0.0013 fts	0.0063 fts
DY			19861.7905 fts	0.0115 fts	0.0230 fts	0.0119 fts
DZ			26279.6770 fts	0.0205 fts	0.0052 fts	0.0101 fts
DX	BOICEVILLE	ASH AZ-15	-15331.9147 fts	0.0004 fts	0.0048 fts	0.0068 fts
DY			19624.0688 fts	0.0161 fts	0.0219 fts	0.0127 fts
DZ			26157.4936 fts	0.0156 fts	-0.0009 fts	0.0106 fts
DX	BOICEVILLE	ASH AZ-14	-7209.0260 fts	-0.0149 fts	-0.0125 fts	0.0098 fts
DY			28855.0402 fts	0.0069 fts	-0.0079 fts	0.0169 fts
DZ			33977.6186 fts	-0.0202 fts	-0.0215 fts	0.0178 fts
DX	BOICEVILLE	ASH AZ-13	-6485.8674 fts	-0.0230 fts	-0.0186 fts	0.0082 fts
DY			29255.0229 fts	0.0129 fts	-0.0059 fts	0.0128 fts
DZ			34222.5327 fts	-0.0248 fts	-0.0304 fts	0.0149 fts
DX	BOICEVILLE	ASH AZ-12 OLD	-32555.3102 fts	0.0162 fts	0.0153 fts	0.0077 fts
DY			18321.6569 fts	-0.0011 fts	-0.0204 fts	0.0217 fts
DZ			29833.2134 fts	-0.0225 fts	-0.0110 fts	0.0163 fts
DX	BOICEVILLE	ASH AZ-11 OLD	-33226.9190 fts	0.0107 fts	0.0209 fts	0.0088 fts
DY			18207.1877 fts	0.0391 fts	-0.0016 fts	0.0222 fts
DZ			29917.7079 fts	-0.0334 fts	-0.0481 fts	0.0183 fts
DX	BOICEVILLE	ASH AZ-1	-49483.2726 fts	0.0113 fts	0.0205 fts	0.0127 fts
DY			-4495.6284 fts	0.0354 fts	-0.0061 fts	0.0209 fts
DZ			11423.3178 fts	-0.0362 fts	-0.0473 fts	0.0217 fts
DX	EBDR AZ-28	EBDR AZ-27	-517.2292 fts	0.0021 fts	0.0005 fts	0.0064 fts
DY			-146.5116 fts	-0.0057 fts	-0.0008 fts	0.0131 fts
DZ			-14.6836 fts	0.0044 fts	0.0075 fts	0.0163 fts
DX	EBDR AZ-15	EBDR AZ-2	-50129.3989 fts	-0.0214 fts	-0.0103 fts	0.0073 fts
DY			-19269.7040 fts	0.0390 fts	-0.0100 fts	0.0106 fts
DZ			-5645.6129 fts	-0.0527 fts	-0.0675 fts	0.0095 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	-133.4919 fts	0.0068 fts	0.0041 fts	0.0070 fts

DY			589.9270 fts	-0.0091 fts	-0.0018 fts	0.0097 fts
DZ			671.8026 fts	0.0071 fts	0.0125 fts	0.0085 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	-4173.6859 fts	0.0069 fts	0.0015 fts	0.0075 fts
DY			-7083.9374 fts	-0.0194 fts	-0.0201 fts	0.0140 fts
DZ			-6375.4183 fts	-0.0086 fts	0.0094 fts	0.0127 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	-4665.6710 fts	0.0106 fts	0.0026 fts	0.0088 fts
DY			-7221.8878 fts	-0.0289 fts	0.0189 fts	0.0172 fts
DZ			-6376.3866 fts	0.0532 fts	0.0585 fts	0.0160 fts
DX	SUNDOWN	ROND AZ-8	496.9802 fts	-0.0012 fts	-0.0012 fts	0.0069 fts
DY			2001.8777 fts	0.0000 fts	-0.0027 fts	0.0100 fts
DZ			2002.8192 fts	-0.0039 fts	-0.0028 fts	0.0070 fts
DX	SUNDOWN	ROND AZ-7	138.1346 fts	0.0006 fts	0.0006 fts	0.0068 fts
DY			1444.3160 fts	-0.0001 fts	-0.0029 fts	0.0099 fts
DZ			1521.9428 fts	-0.0037 fts	-0.0023 fts	0.0070 fts
DX	SUNDOWN	ROND AZ-6	-7593.3075 fts	0.0035 fts	-0.0005 fts	0.0057 fts
DY			-4439.1577 fts	-0.0146 fts	0.0010 fts	0.0123 fts
DZ			-2419.3395 fts	0.0148 fts	0.0211 fts	0.0087 fts
DX	SUNDOWN	ROND AZ-5	-7623.6364 fts	0.0010 fts	-0.0004 fts	0.0058 fts
DY			-3957.9446 fts	-0.0053 fts	0.0061 fts	0.0128 fts
DZ			-1907.4258 fts	0.0130 fts	0.0126 fts	0.0089 fts
DX	SUNDOWN	ROND AZ-4	-17000.9127 fts	0.0034 fts	0.0026 fts	0.0074 fts
DY			-3410.2030 fts	-0.0025 fts	-0.0030 fts	0.0119 fts
DZ			1811.6475 fts	-0.0010 fts	0.0018 fts	0.0132 fts
DX	SUNDOWN	ROND AZ-3	-17701.5980 fts	0.0087 fts	0.0071 fts	0.0073 fts
DY			-3660.3062 fts	-0.0050 fts	-0.0043 fts	0.0116 fts
DZ			1772.9994 fts	0.0006 fts	0.0057 fts	0.0128 fts
DX	SUNDOWN	ROND AZ-2	11191.1922 fts	-0.0060 fts	-0.0030 fts	0.0060 fts
DY			11781.5993 fts	0.0104 fts	-0.0019 fts	0.0106 fts
DZ			9559.1952 fts	-0.0130 fts	-0.0173 fts	0.0110 fts
DX	SUNDOWN	ROND AZ-1	10625.7472 fts	-0.0033 fts	-0.0007 fts	0.0060 fts
DY			11814.0397 fts	0.0094 fts	-0.0029 fts	0.0107 fts
DZ			9731.4736 fts	-0.0128 fts	-0.0159 fts	0.0109 fts
DX	SUNDOWN	NEV AZ-4	-15676.4071 fts	0.0043 fts	0.0018 fts	0.0074 fts
DY			13299.7006 fts	-0.0089 fts	0.0037 fts	0.0164 fts
DZ			20196.8196 fts	0.0137 fts	0.0164 fts	0.0124 fts
DX	SUNDOWN	NEV AZ-3	-15044.0073 fts	-0.0034 fts	-0.0013 fts	0.0078 fts
DY			13599.8730 fts	0.0075 fts	0.0088 fts	0.0180 fts
DZ			20343.0451 fts	0.0045 fts	-0.0031 fts	0.0136 fts
DX	SUNDOWN	NEV AZ-2	-19474.5713 fts	-0.0093 fts	-0.0077 fts	0.0130 fts
DY			10489.5787 fts	0.0047 fts	-0.0130 fts	0.0215 fts
DZ			18213.7848 fts	-0.0238 fts	-0.0211 fts	0.0139 fts
DX	SUNDOWN	NEV AZ-1	-20094.2270 fts	-0.0192 fts	-0.0120 fts	0.0112 fts
DY			10760.1305 fts	0.0241 fts	-0.0017 fts	0.0226 fts
DZ			18707.2128 fts	-0.0277 fts	-0.0396 fts	0.0122 fts
		EBDR AZ-				

DX	ASH AZ-1	14 OLD	-52520.2163 fts	0.0024 fts	0.0102 fts	0.0135 fts
DY			13035.1538 fts	0.0294 fts	-0.0079 fts	0.0223 fts
DZ			29089.5140 fts	-0.0357 fts	-0.0445 fts	0.0226 fts
DX	ASH AZ-16	ASH AZ-15	-528.5111 fts	-0.0001 fts	0.0009 fts	0.0068 fts
DY			-237.7217 fts	0.0036 fts	-0.0010 fts	0.0124 fts
DZ			-122.1834 fts	-0.0044 fts	-0.0056 fts	0.0104 fts
DX	CLARYVILLE	ROND AZ-8	20005.2600 fts	-0.0002 fts	0.0083 fts	0.0087 fts
DY			-7902.3505 fts	0.0318 fts	0.0567 fts	0.0139 fts
DZ			-15579.1937 fts	0.0486 fts	0.0096 fts	0.0102 fts
DX	CLARYVILLE	ROND AZ-7	19646.4143 fts	0.0099 fts	0.0128 fts	0.0086 fts
DY			-8459.9121 fts	0.0123 fts	0.0491 fts	0.0138 fts
DZ			-16060.0701 fts	0.0577 fts	0.0317 fts	0.0102 fts
DX	CLARYVILLE	ROND AZ-6	11914.9722 fts	0.0015 fts	0.0071 fts	0.0067 fts
DY			-14343.3858 fts	0.0214 fts	-0.0136 fts	0.0139 fts
DZ			-20001.3525 fts	-0.0364 fts	-0.0394 fts	0.0102 fts
DX	CLARYVILLE	ROND AZ-5	11884.6434 fts	-0.0020 fts	0.0051 fts	0.0068 fts
DY			-13862.1727 fts	0.0263 fts	-0.0159 fts	0.0144 fts
DZ			-19489.4387 fts	-0.0445 fts	-0.0490 fts	0.0104 fts
DX	CLARYVILLE	ROND AZ-4	2507.3671 fts	-0.0204 fts	-0.0141 fts	0.0084 fts
DY			-13314.4311 fts	0.0212 fts	0.0030 fts	0.0132 fts
DZ			-15770.3654 fts	-0.0192 fts	-0.0321 fts	0.0137 fts
DX	CLARYVILLE	ROND AZ-3	1806.6818 fts	-0.0080 fts	-0.0070 fts	0.0082 fts
DY			-13564.5343 fts	0.0028 fts	0.0016 fts	0.0127 fts
DZ			-15809.0136 fts	-0.0021 fts	-0.0050 fts	0.0133 fts
DX	CLARYVILLE	ROND AZ-2	30699.4719 fts	-0.0056 fts	-0.0146 fts	0.0076 fts
DY			1877.3711 fts	-0.0342 fts	-0.0113 fts	0.0133 fts
DZ			-8022.8178 fts	0.0131 fts	0.0322 fts	0.0125 fts
DX	CLARYVILLE	ROND AZ-1	30134.0269 fts	-0.0086 fts	-0.0171 fts	0.0076 fts
DY			1909.8116 fts	-0.0333 fts	-0.0148 fts	0.0133 fts
DZ			-7850.5393 fts	0.0069 fts	0.0268 fts	0.0124 fts
DX	CLARYVILLE	NEV AZ-4	3831.8726 fts	0.0025 fts	0.0028 fts	0.0071 fts
DY			3395.4725 fts	0.0017 fts	-0.0063 fts	0.0159 fts
DZ			2614.8067 fts	-0.0094 fts	-0.0071 fts	0.0120 fts
DX	CLARYVILLE	NEV AZ-3	4464.2724 fts	0.0029 fts	0.0018 fts	0.0076 fts
DY			3695.6448 fts	-0.0037 fts	-0.0041 fts	0.0176 fts
DZ			2761.0322 fts	-0.0016 fts	0.0022 fts	0.0133 fts
DX	CLARYVILLE	NEV AZ-2	33.7084 fts	0.0165 fts	0.0125 fts	0.0132 fts
DY			585.3506 fts	-0.0125 fts	0.0135 fts	0.0219 fts
DZ			631.7719 fts	0.0330 fts	0.0343 fts	0.0143 fts
DX	CLARYVILLE	NEV AZ-1	-585.9473 fts	0.0038 fts	0.0070 fts	0.0113 fts
DY			855.9024 fts	0.0126 fts	0.0272 fts	0.0227 fts
DZ			1125.1999 fts	0.0265 fts	0.0094 fts	0.0122 fts
DX	WBDR AZ-24	WBDR AZ-23	-872.0941 fts	-0.0013 fts	-0.0010 fts	0.0030 fts
DY			-432.2723 fts	0.0013 fts	-0.0001 fts	0.0065 fts
DZ			-235.7047 fts	-0.0016 fts	-0.0023 fts	0.0063 fts

DX	WBDR AZ-29	WBDR AZ-30	-358.0164 fts	0.0091 fts	0.0083 fts	0.0042 fts
DY			279.2394 fts	-0.0018 fts	-0.0016 fts	0.0072 fts
DZ			445.4167 fts	0.0016 fts	0.0041 fts	0.0084 fts
DX	ROND AZ-7	ROND AZ- 8	358.8457 fts	0.0000 fts	-0.0003 fts	0.0073 fts
DY			557.5616 fts	-0.0012 fts	-0.0015 fts	0.0105 fts
DZ			480.8764 fts	-0.0010 fts	0.0002 fts	0.0073 fts
DX	ROND AZ-7	NEV AZ-2	-19612.7059 fts	0.0020 fts	-0.0018 fts	0.0137 fts
DY			9045.2627 fts	-0.0138 fts	-0.0378 fts	0.0223 fts
DZ			16691.8419 fts	-0.0384 fts	-0.0153 fts	0.0144 fts
DX	MARGARETVILLE	WBDR AZ-24	-57321.5991 fts	0.0238 fts	0.0399 fts	0.0060 fts
DY			27297.4273 fts	0.0642 fts	-0.0227 fts	0.0117 fts
DZ			45798.1373 fts	-0.0809 fts	-0.0956 fts	0.0112 fts
DX	MARGARETVILLE	WBDR AZ-18	-45294.4152 fts	-0.0381 fts	-0.0376 fts	0.0085 fts
DY			15502.1934 fts	-0.0033 fts	-0.0257 fts	0.0135 fts
DZ			30128.0011 fts	-0.0408 fts	-0.0325 fts	0.0117 fts
DX	MARGARETVILLE	WBDR AZ-17	-44885.6498 fts	-0.0270 fts	-0.0259 fts	0.0089 fts
DY			15924.4557 fts	0.0005 fts	-0.0088 fts	0.0141 fts
DZ			30486.7651 fts	-0.0187 fts	-0.0182 fts	0.0122 fts
DX	MARGARETVILLE	EBDR AZ- 9	138.2953 fts	0.0109 fts	0.0092 fts	0.0033 fts
DY			165.2856 fts	-0.0048 fts	-0.0060 fts	0.0061 fts
DZ			148.5978 fts	-0.0013 fts	0.0047 fts	0.0065 fts
DX	MARGARETVILLE	EBDR AZ- 8	-12735.9321 fts	-0.0036 fts	-0.0002 fts	0.0061 fts
DY			-3360.3299 fts	0.0123 fts	0.0058 fts	0.0115 fts
DZ			248.6345 fts	-0.0038 fts	-0.0120 fts	0.0091 fts
DX	MARGARETVILLE	EBDR AZ- 7 OLD	-13022.6711 fts	-0.0134 fts	-0.0054 fts	0.0082 fts
DY			-3750.5291 fts	0.0281 fts	0.0134 fts	0.0143 fts
DZ			-106.0364 fts	-0.0097 fts	-0.0293 fts	0.0115 fts
DX	MARGARETVILLE	EBDR AZ- 6	-11109.4785 fts	0.0074 fts	0.0060 fts	0.0044 fts
DY			-8272.1882 fts	-0.0042 fts	-0.0042 fts	0.0105 fts
DZ			-5560.6542 fts	-0.0002 fts	0.0043 fts	0.0079 fts
DX	MARGARETVILLE	EBDR AZ- 5	-10526.0920 fts	0.0066 fts	0.0063 fts	0.0044 fts
DY			-8325.2852 fts	-0.0001 fts	-0.0017 fts	0.0103 fts
DZ			-5792.9707 fts	-0.0006 fts	0.0010 fts	0.0078 fts
DX	MARGARETVILLE	EBDR AZ- 4	-39588.3772 fts	0.0047 fts	-0.0072 fts	0.0071 fts
DY			-1018.1266 fts	-0.0441 fts	0.0093 fts	0.0111 fts
DZ			10847.6389 fts	0.0522 fts	0.0675 fts	0.0115 fts
DX	MARGARETVILLE	EBDR AZ- 3	-39633.8535 fts	0.0020 fts	-0.0107 fts	0.0066 fts
DY			-1641.6693 fts	-0.0479 fts	0.0031 fts	0.0106 fts
DZ			10186.5525 fts	0.0465 fts	0.0658 fts	0.0111 fts
DX	MARGARETVILLE	EBDR AZ- 28	28783.2217 fts	-0.0173 fts	-0.0177 fts	0.0059 fts
DY			9527.1155 fts	-0.0037 fts	-0.0139 fts	0.0118 fts
DZ			1962.5485 fts	-0.0197 fts	-0.0139 fts	0.0141 fts

DX	MARGARETVILLE	EBDR AZ-27	28265.9924 fts	-0.0115 fts	-0.0097 fts	0.0061 fts
DY			9380.6038 fts	0.0053 fts	-0.0106 fts	0.0122 fts
DZ			1947.8649 fts	-0.0217 fts	-0.0206 fts	0.0148 fts
DX	MARGARETVILLE	EBDR AZ-26	22342.5305 fts	0.0114 fts	0.0077 fts	0.0046 fts
DY			8877.4579 fts	-0.0125 fts	-0.0123 fts	0.0089 fts
DZ			3102.6980 fts	-0.0030 fts	0.0091 fts	0.0090 fts
DX	MARGARETVILLE	EBDR AZ-25 OLD	22888.4585 fts	0.0162 fts	0.0118 fts	0.0067 fts
DY			8873.8101 fts	-0.0146 fts	0.0034 fts	0.0123 fts
DZ			2941.0544 fts	0.0212 fts	0.0278 fts	0.0133 fts
DX	MARGARETVILLE	EBDR AZ-24	19302.7239 fts	-0.0072 fts	-0.0043 fts	0.0052 fts
DY			393.7736 fts	0.0100 fts	0.0093 fts	0.0098 fts
DZ			-4943.8787 fts	0.0021 fts	-0.0072 fts	0.0081 fts
DX	MARGARETVILLE	EBDR AZ-23	18565.6271 fts	-0.0018 fts	-0.0002 fts	0.0055 fts
DY			464.0301 fts	0.0061 fts	0.0115 fts	0.0104 fts
DZ			-4677.3614 fts	0.0098 fts	0.0019 fts	0.0087 fts
DX	MARGARETVILLE	EBDR AZ-22	12117.1540 fts	0.0016 fts	-0.0057 fts	0.0070 fts
DY			39223.7140 fts	-0.0272 fts	-0.0257 fts	0.0173 fts
DZ			38368.3678 fts	-0.0105 fts	0.0127 fts	0.0134 fts
DX	MARGARETVILLE	EBDR AZ-21	11947.0658 fts	-0.0104 fts	-0.0072 fts	0.0077 fts
DY			38741.1869 fts	0.0105 fts	0.0058 fts	0.0174 fts
DZ			37902.8571 fts	-0.0038 fts	-0.0121 fts	0.0143 fts
DX	MARGARETVILLE	EBDR AZ-20	15703.1318 fts	0.0073 fts	0.0127 fts	0.0061 fts
DY			20028.2522 fts	0.0212 fts	0.0135 fts	0.0145 fts
DZ			17170.2165 fts	0.0014 fts	-0.0128 fts	0.0098 fts
DX	MARGARETVILLE	EBDR AZ-2	-40277.0084 fts	0.0077 fts	0.0074 fts	0.0057 fts
DY			-7429.6059 fts	0.0000 fts	0.0151 fts	0.0084 fts
DZ			4172.4976 fts	0.0222 fts	0.0165 fts	0.0076 fts
DX	MARGARETVILLE	EBDR AZ-19	16454.3406 fts	0.0165 fts	0.0172 fts	0.0055 fts
DY			20261.3017 fts	0.0048 fts	-0.0002 fts	0.0130 fts
DZ			17286.3132 fts	-0.0004 fts	-0.0005 fts	0.0094 fts
DX	MARGARETVILLE	EBDR AZ-18	8988.1032 fts	-0.0085 fts	-0.0049 fts	0.0057 fts
DY			17759.3392 fts	0.0123 fts	0.0071 fts	0.0083 fts
DZ			16572.5608 fts	-0.0033 fts	-0.0127 fts	0.0088 fts
DX	MARGARETVILLE	EBDR AZ-17	8435.6069 fts	-0.0050 fts	-0.0044 fts	0.0083 fts
DY			17462.3282 fts	0.0016 fts	0.0123 fts	0.0094 fts
DZ			16395.9826 fts	0.0140 fts	0.0073 fts	0.0096 fts
DX	MARGARETVILLE	EBDR AZ-16 OLD	9718.8986 fts	-0.0325 fts	-0.0264 fts	0.0070 fts
DY			12430.0252 fts	0.0187 fts	0.0063 fts	0.0097 fts
DZ			10489.9131 fts	-0.0156 fts	-0.0302 fts	0.0086 fts
DX	MARGARETVILLE	EBDR AZ-15	9852.3906 fts	-0.0379 fts	-0.0295 fts	0.0054 fts
DY			11840.0982 fts	0.0266 fts	0.0068 fts	0.0081 fts

DZ			9818.1105 fts	-0.0232 fts	-0.0420 fts	0.0072 fts
DX	MARGARETVILLE	EBDR AZ-14 OLD	6305.3325 fts	-0.0045 fts	-0.0041 fts	0.0049 fts
DY			2871.0963 fts	0.0009 fts	-0.0036 fts	0.0079 fts
DZ			1275.8469 fts	-0.0067 fts	-0.0060 fts	0.0070 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	6148.1539 fts	-0.0122 fts	-0.0090 fts	0.0048 fts
DY			3386.7208 fts	0.0106 fts	-0.0052 fts	0.0077 fts
DZ			1879.6881 fts	-0.0191 fts	-0.0227 fts	0.0068 fts
DX	MARGARETVILLE	EBDR AZ-12	5110.4931 fts	-0.0180 fts	-0.0170 fts	0.0090 fts
DY			902.3168 fts	0.0016 fts	0.0075 fts	0.0187 fts
DZ			-457.3994 fts	0.0044 fts	-0.0017 fts	0.0133 fts
DX	MARGARETVILLE	EBDR AZ-11	5801.4791 fts	-0.0163 fts	-0.0165 fts	0.0072 fts
DY			1073.2730 fts	-0.0030 fts	0.0083 fts	0.0149 fts
DZ			-502.2501 fts	0.0098 fts	0.0055 fts	0.0100 fts
DX	MARGARETVILLE	EBDR AZ-10	-190.0852 fts	0.0114 fts	0.0097 fts	0.0034 fts
DY			-175.2096 fts	-0.0048 fts	-0.0083 fts	0.0062 fts
DZ			-133.1599 fts	-0.0043 fts	0.0028 fts	0.0065 fts
DX	MARGARETVILLE	EBDR AZ-1	-40568.4735 fts	0.0067 fts	0.0077 fts	0.0054 fts
DY			-7738.6281 fts	0.0047 fts	0.0149 fts	0.0080 fts
DZ			3862.2333 fts	0.0177 fts	0.0098 fts	0.0072 fts
DX	MARGARETVILLE	ASH AZ-8	66252.1598 fts	-0.0041 fts	0.0075 fts	0.0058 fts
DY			11542.2958 fts	0.0432 fts	0.0311 fts	0.0157 fts
DZ			-7622.2917 fts	0.0032 fts	-0.0296 fts	0.0133 fts
DX	MARGARETVILLE	ASH AZ-7	65705.3650 fts	0.0033 fts	0.0236 fts	0.0057 fts
DY			11871.2619 fts	0.0769 fts	0.0354 fts	0.0160 fts
DZ			-7079.0002 fts	-0.0186 fts	-0.0668 fts	0.0131 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	45173.1272 fts	-0.0531 fts	-0.0624 fts	0.0077 fts
DY			8349.1495 fts	-0.0423 fts	0.0066 fts	0.0200 fts
DZ			-4146.6645 fts	0.0332 fts	0.0421 fts	0.0142 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	44793.1370 fts	-0.0393 fts	-0.0442 fts	0.0068 fts
DY			8535.4163 fts	-0.0240 fts	0.0002 fts	0.0164 fts
DZ			-3825.2869 fts	0.0118 fts	0.0174 fts	0.0120 fts
DX	MARGARETVILLE	ASH AZ-3	55276.2264 fts	0.0089 fts	0.0223 fts	0.0129 fts
DY			3858.0616 fts	0.0519 fts	0.0228 fts	0.0189 fts
DZ			-12329.3415 fts	-0.0124 fts	-0.0437 fts	0.0141 fts
DX	MARGARETVILLE	ASH AZ-23	125535.3026 fts	-0.0040 fts	0.0042 fts	0.0113 fts
DY			14479.6340 fts	0.0303 fts	0.0041 fts	0.0231 fts
DZ			-22195.2107 fts	-0.0219 fts	-0.0372 fts	0.0211 fts
DX	MARGARETVILLE	ASH AZ-18	90040.7574 fts	0.0114 fts	0.0207 fts	0.0114 fts
DY			8289.1879 fts	0.0368 fts	0.0163 fts	0.0202 fts
DZ			-18546.8556 fts	-0.0073 fts	-0.0290 fts	0.0139 fts
DX	MARGARETVILLE	ASH AZ-17	90326.5690 fts	0.0084 fts	0.0108 fts	0.0124 fts
DY			8754.3591 fts	0.0102 fts	0.0092 fts	0.0218 fts
DZ			-18146.2425 fts	0.0055 fts	-0.0020 fts	0.0155 fts
		ASH AZ-				

DX	MARGARETVILLE	16	93505.4177 fts	-0.0078 fts	-0.0065 fts	0.0072 fts
DY			14193.3615 fts	0.0039 fts	-0.0282 fts	0.0140 fts
DZ			-12957.3079 fts	-0.0433 fts	-0.0334 fts	0.0119 fts
DX	MARGARETVILLE	ASH AZ-15	92976.9066 fts	-0.0071 fts	-0.0115 fts	0.0076 fts
DY			13955.6398 fts	-0.0178 fts	-0.0358 fts	0.0146 fts
DZ			-13079.4913 fts	-0.0344 fts	-0.0117 fts	0.0124 fts
DX	MARGARETVILLE	ASH AZ-14	101099.7953 fts	0.0225 fts	0.0388 fts	0.0104 fts
DY			23186.6112 fts	0.0647 fts	0.0205 fts	0.0181 fts
DZ			-5259.3663 fts	-0.0234 fts	-0.0575 fts	0.0186 fts
DX	MARGARETVILLE	ASH AZ-13	101822.9539 fts	0.0145 fts	0.0270 fts	0.0088 fts
DY			23586.5939 fts	0.0492 fts	0.0117 fts	0.0142 fts
DZ			-5014.4522 fts	-0.0237 fts	-0.0483 fts	0.0158 fts
DX	WBDR AZ-20	WBDR AZ-19 OLD	-356.1553 fts	-0.0142 fts	-0.0136 fts	0.0073 fts
DY			643.9349 fts	0.0004 fts	0.0005 fts	0.0134 fts
DZ			812.9515 fts	-0.0030 fts	-0.0050 fts	0.0087 fts
DX	WBDR AZ-2	WBDR AZ-1	-869.4278 fts	-0.0022 fts	-0.0017 fts	0.0061 fts
DY			-505.8506 fts	0.0017 fts	-0.0023 fts	0.0104 fts
DZ			-270.9096 fts	-0.0052 fts	-0.0051 fts	0.0104 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1684 fts	0.0041 fts	-0.0004 fts	0.0166 fts
DY			58.4482 fts	-0.0158 fts	-0.0096 fts	0.0358 fts
DZ			108.6908 fts	0.0017 fts	0.0133 fts	0.0273 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1684 fts	-0.0080 fts	-0.0005 fts	0.0166 fts
DY			58.4482 fts	0.0268 fts	0.0139 fts	0.0358 fts
DZ			108.6908 fts	-0.0064 fts	-0.0250 fts	0.0273 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2595 fts	0.0027 fts	-0.0059 fts	0.0138 fts
DY			37.6097 fts	-0.0316 fts	0.0044 fts	0.0256 fts
DZ			341.1296 fts	0.0341 fts	0.0460 fts	0.0254 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2595 fts	0.0031 fts	0.0033 fts	0.0138 fts
DY			37.6097 fts	0.0009 fts	-0.0194 fts	0.0256 fts
DZ			341.1296 fts	-0.0262 fts	-0.0176 fts	0.0254 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4842 fts	-0.0319 fts	-0.0290 fts	0.0189 fts
DY			57.1584 fts	0.0065 fts	0.0204 fts	0.0370 fts
DZ			159.1063 fts	0.0142 fts	-0.0014 fts	0.0230 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4842 fts	0.0113 fts	0.0120 fts	0.0189 fts
DY			57.1584 fts	0.0045 fts	-0.0073 fts	0.0370 fts
DZ			159.1063 fts	-0.0111 fts	-0.0084 fts	0.0230 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5821 fts	-0.0138 fts	-0.0037 fts	0.0085 fts
DY			-7679.1729 fts	0.0362 fts	0.0254 fts	0.0169 fts
DZ			-7054.3423 fts	-0.0007 fts	-0.0291 fts	0.0149 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5821 fts	-0.0098 fts	-0.0089 fts	0.0085 fts
DY			-7679.1729 fts	0.0020 fts	0.0255 fts	0.0169 fts

DZ			-7054.3423 fts	0.0303 fts	0.0170 fts	0.0149 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8323 fts	0.0015 fts	0.0014 fts	0.0062 fts
DY			1193.2682 fts	-0.0003 fts	0.0011 fts	0.0088 fts
DZ			1668.4472 fts	0.0021 fts	0.0019 fts	0.0095 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8323 fts	-0.0043 fts	-0.0021 fts	0.0062 fts
DY			1193.2682 fts	0.0073 fts	0.0009 fts	0.0088 fts
DZ			1668.4472 fts	-0.0063 fts	-0.0103 fts	0.0095 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7550 fts	-0.0087 fts	-0.0071 fts	0.0105 fts
DY			144.8390 fts	0.0048 fts	0.0051 fts	0.0186 fts
DZ			-434.9490 fts	0.0007 fts	-0.0047 fts	0.0160 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7550 fts	0.0086 fts	0.0095 fts	0.0105 fts
DY			144.8390 fts	0.0047 fts	0.0049 fts	0.0186 fts
DZ			-434.9490 fts	0.0047 fts	0.0015 fts	0.0160 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4496 fts	-0.0170 fts	-0.0031 fts	0.0127 fts
DY			-835.2409 fts	0.0489 fts	0.0024 fts	0.0233 fts
DZ			-812.1428 fts	-0.0434 fts	-0.0674 fts	0.0168 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4496 fts	-0.0025 fts	-0.0063 fts	0.0127 fts
DY			-835.2409 fts	-0.0145 fts	0.0132 fts	0.0233 fts
DZ			-812.1428 fts	0.0298 fts	0.0298 fts	0.0168 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	6.0709 fts	-0.0070 fts	-0.0002 fts	0.0096 fts
DY			4.9705 fts	0.0242 fts	0.0018 fts	0.0178 fts
DZ			4.4202 fts	-0.0204 fts	-0.0324 fts	0.0123 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	6.0709 fts	-0.0229 fts	-0.0196 fts	0.0096 fts
DY			4.9705 fts	0.0089 fts	0.0043 fts	0.0178 fts
DZ			4.4202 fts	-0.0075 fts	-0.0160 fts	0.0123 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1690 fts	-0.0043 fts	-0.0014 fts	0.0083 fts
DY			4.7139 fts	0.0104 fts	0.0122 fts	0.0178 fts
DZ			36.0997 fts	0.0064 fts	-0.0040 fts	0.0147 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1690 fts	0.0480 fts	0.0389 fts	0.0083 fts
DY			4.7139 fts	-0.0277 fts	-0.0073 fts	0.0178 fts
DZ			36.0997 fts	0.0258 fts	0.0466 fts	0.0147 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9543 fts	0.0217 fts	0.0167 fts	0.0075 fts
DY			9564.2374 fts	-0.0158 fts	-0.0186 fts	0.0146 fts
DZ			9221.1876 fts	-0.0060 fts	0.0115 fts	0.0124 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9543 fts	0.0169 fts	0.0054 fts	0.0075 fts
DY			9564.2374 fts	-0.0409 fts	-0.0555 fts	0.0146 fts
DZ			9221.1876 fts	-0.0351 fts	0.0090 fts	0.0124 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.1114 fts	-0.0119 fts	-0.0123 fts	0.0131 fts
DY			-36.7305 fts	-0.0030 fts	-0.0052 fts	0.0194 fts

DZ			-38.9407 fts	-0.0073 fts	-0.0051 fts	0.0127 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.1114 fts	-0.0281 fts	-0.0214 fts	0.0131 fts
DY			-36.7305 fts	0.0222 fts	0.0113 fts	0.0194 fts
DZ			-38.9407 fts	-0.0109 fts	-0.0286 fts	0.0127 fts
DX	ASH AZ-10	ASH AZ-9	246.0124 fts	0.0148 fts	0.0073 fts	0.0216 fts
DY			-387.2243 fts	-0.0260 fts	-0.0078 fts	0.0331 fts
DZ			-526.7998 fts	0.0157 fts	0.0321 fts	0.0223 fts
DX	ASH AZ-10	ASH AZ-9	246.0124 fts	-0.0189 fts	-0.0065 fts	0.0216 fts
DY			-387.2243 fts	0.0437 fts	0.0200 fts	0.0331 fts
DZ			-526.7998 fts	-0.0157 fts	-0.0455 fts	0.0223 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	-1292.1371 fts	0.0181 fts	0.0160 fts	0.0056 fts
DY			1181.6113 fts	-0.0054 fts	-0.0037 fts	0.0082 fts
DZ			1655.7088 fts	0.0041 fts	0.0102 fts	0.0091 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	-1292.1371 fts	0.0164 fts	0.0176 fts	0.0056 fts
DY			1181.6113 fts	0.0066 fts	-0.0022 fts	0.0082 fts
DZ			1655.7088 fts	-0.0046 fts	-0.0045 fts	0.0091 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	-2.3049 fts	0.0129 fts	0.0128 fts	0.0053 fts
DY			-11.6570 fts	0.0016 fts	-0.0022 fts	0.0076 fts
DZ			-12.7384 fts	-0.0011 fts	0.0007 fts	0.0078 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	-2.3049 fts	0.0186 fts	0.0185 fts	0.0053 fts
DY			-11.6570 fts	0.0021 fts	-0.0031 fts	0.0076 fts
DZ			-12.7384 fts	-0.0014 fts	0.0013 fts	0.0078 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	-1021.7459 fts	-0.0109 fts	-0.0113 fts	0.0056 fts
DY			919.9153 fts	-0.0027 fts	0.0023 fts	0.0081 fts
DZ			1292.2958 fts	0.0028 fts	0.0016 fts	0.0090 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	-1021.7459 fts	-0.0191 fts	-0.0182 fts	0.0056 fts
DY			919.9153 fts	0.0005 fts	-0.0008 fts	0.0081 fts
DZ			1292.2958 fts	-0.0061 fts	-0.0083 fts	0.0090 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	268.0863 fts	-0.0143 fts	-0.0133 fts	0.0053 fts
DY			-273.3530 fts	0.0019 fts	0.0050 fts	0.0076 fts
DZ			-376.1514 fts	0.0016 fts	-0.0032 fts	0.0078 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	268.0863 fts	-0.0159 fts	-0.0168 fts	0.0053 fts
DY			-273.3530 fts	-0.0054 fts	-0.0017 fts	0.0076 fts
DZ			-376.1514 fts	-0.0015 fts	-0.0004 fts	0.0078 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.3144 fts	0.0197 fts	0.0137 fts	0.0128 fts
DY			-246.6727 fts	-0.0193 fts	-0.0200 fts	0.0234 fts
DZ			-245.5508 fts	-0.0053 fts	0.0141 fts	0.0167 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.3144 fts	0.0147 fts	0.0104 fts	0.0128 fts
DY			-246.6727 fts	-0.0136 fts	0.0086 fts	0.0234 fts
DZ			-245.5508 fts	0.0269 fts	0.0307 fts	0.0167 fts
DX	ASH AZ-22 OLD	NYS DOT	281.2061 fts	0.0221 fts	0.0174 fts	0.0099 fts

		8-U-047				
DY			593.5387 fts	-0.0143 fts	-0.0094 fts	0.0185 fts
DZ			571.0123 fts	0.0053 fts	0.0182 fts	0.0127 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	281.2061 fts	-0.0160 fts	-0.0153 fts	0.0099 fts
DY			593.5387 fts	0.0003 fts	0.0119 fts	0.0185 fts
DZ			571.0123 fts	0.0119 fts	0.0045 fts	0.0127 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.8032 fts	0.0158 fts	0.0191 fts	0.0145 fts
DY			-362.2514 fts	0.0145 fts	-0.0260 fts	0.0204 fts
DZ			-119.4530 fts	-0.0440 fts	-0.0369 fts	0.0218 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.8032 fts	0.0605 fts	0.0516 fts	0.0145 fts
DY			-362.2514 fts	-0.0264 fts	-0.0376 fts	0.0204 fts
DZ			-119.4530 fts	-0.0135 fts	0.0214 fts	0.0218 fts
DX	ANDES	WBDR AZ-30	30850.8759 fts	-0.0495 fts	-0.0449 fts	0.0053 fts
DY			64046.8260 fts	0.0109 fts	-0.0272 fts	0.0097 fts
DZ			58902.8746 fts	-0.0580 fts	-0.0563 fts	0.0096 fts
DX	ANDES	WBDR AZ-30	30850.8759 fts	0.0047 fts	0.0196 fts	0.0053 fts
DY			64046.8260 fts	0.0573 fts	-0.0116 fts	0.0097 fts
DZ			58902.8746 fts	-0.0647 fts	-0.0836 fts	0.0096 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4040 fts	-0.0294 fts	-0.0168 fts	0.0051 fts
DY			20536.5928 fts	0.0438 fts	0.0468 fts	0.0087 fts
DZ			16304.3352 fts	0.0177 fts	-0.0251 fts	0.0097 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4040 fts	0.0163 fts	0.0103 fts	0.0051 fts
DY			20536.5928 fts	-0.0205 fts	-0.0247 fts	0.0087 fts
DZ			16304.3352 fts	-0.0115 fts	0.0101 fts	0.0097 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.1937 fts	-0.0729 fts	-0.0641 fts	0.0147 fts
DY			-100.7296 fts	0.0243 fts	0.0556 fts	0.0206 fts
DZ			287.2021 fts	0.0366 fts	-0.0068 fts	0.0221 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.1937 fts	-0.0266 fts	-0.0303 fts	0.0147 fts
DY			-100.7296 fts	-0.0179 fts	0.0425 fts	0.0206 fts
DZ			287.2021 fts	0.0667 fts	0.0525 fts	0.0221 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	444.7591 fts	-0.0084 fts	-0.0106 fts	0.0077 fts
DY			1.0662 fts	-0.0092 fts	-0.0072 fts	0.0162 fts
DZ			-125.5439 fts	-0.0037 fts	0.0024 fts	0.0133 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	444.7591 fts	-0.0022 fts	0.0030 fts	0.0077 fts
DY			1.0662 fts	0.0192 fts	-0.0061 fts	0.0162 fts
DZ			-125.5439 fts	-0.0255 fts	-0.0312 fts	0.0133 fts
DX	ASH AZ-27	ASH AZ- 28	-312.2524 fts	-0.0056 fts	-0.0072 fts	0.0037 fts
DY			486.7562 fts	-0.0068 fts	0.0081 fts	0.0067 fts
DZ			640.8407 fts	0.0155 fts	0.0141 fts	0.0069 fts

DX	ASH AZ-27	ASH AZ-28	-312.2524 fts	0.0182 fts	0.0171 fts	0.0037 fts
DY			486.7562 fts	-0.0014 fts	-0.0247 fts	0.0067 fts
DZ			640.8407 fts	-0.0276 fts	-0.0138 fts	0.0069 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0346 fts	-0.0020 fts	-0.0054 fts	0.0104 fts
DY			-844.3518 fts	-0.0131 fts	-0.0035 fts	0.0261 fts
DZ			-1271.2532 fts	0.0061 fts	0.0131 fts	0.0154 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0346 fts	0.0046 fts	0.0114 fts	0.0104 fts
DY			-844.3518 fts	0.0260 fts	0.0077 fts	0.0261 fts
DZ			-1271.2532 fts	-0.0112 fts	-0.0251 fts	0.0154 fts
DX	NYON	WBDR AZ-30	128465.7043 fts	-0.0350 fts	-0.0369 fts	0.0048 fts
DY			24951.4728 fts	-0.0120 fts	0.0095 fts	0.0087 fts
DZ			-9348.1773 fts	0.0153 fts	0.0123 fts	0.0088 fts
DX	NYON	WBDR AZ-30	128465.7043 fts	0.0170 fts	0.0127 fts	0.0048 fts
DY			24951.4728 fts	-0.0147 fts	0.0031 fts	0.0087 fts
DZ			-9348.1773 fts	0.0212 fts	0.0281 fts	0.0088 fts
DX	NYON	WBDR AZ-29	128823.7206 fts	0.0154 fts	0.0159 fts	0.0053 fts
DY			24672.2334 fts	0.0042 fts	0.0102 fts	0.0095 fts
DZ			-9793.5940 fts	0.0138 fts	0.0093 fts	0.0099 fts
DX	NYON	WBDR AZ-29	128823.7206 fts	0.0327 fts	0.0300 fts	0.0053 fts
DY			24672.2334 fts	-0.0067 fts	-0.0151 fts	0.0095 fts
DZ			-9793.5940 fts	-0.0069 fts	0.0063 fts	0.0099 fts
DX	NYON	WBDR AZ-23	82374.4056 fts	0.0455 fts	0.0318 fts	0.0046 fts
DY			-9364.0415 fts	-0.0474 fts	-0.0128 fts	0.0094 fts
DZ			-32873.5284 fts	0.0352 fts	0.0662 fts	0.0093 fts
DX	NYON	WBDR AZ-23	82374.4056 fts	0.0122 fts	0.0048 fts	0.0046 fts
DY			-9364.0415 fts	-0.0271 fts	-0.0021 fts	0.0094 fts
DZ			-32873.5284 fts	0.0240 fts	0.0379 fts	0.0093 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8096 fts	0.0039 fts	0.0063 fts	0.0129 fts
DY			58.5312 fts	0.0096 fts	-0.0289 fts	0.0238 fts
DZ			-426.8845 fts	-0.0463 fts	-0.0371 fts	0.0253 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8096 fts	-0.0128 fts	-0.0203 fts	0.0129 fts
DY			58.5312 fts	-0.0296 fts	0.0169 fts	0.0238 fts
DZ			-426.8845 fts	0.0455 fts	0.0491 fts	0.0253 fts
DX	NYCS	WBDR AZ-30	-19458.9376 fts	-0.0440 fts	-0.0411 fts	0.0051 fts
DY			-73369.6359 fts	0.0051 fts	-0.0016 fts	0.0093 fts
DZ			-70273.6568 fts	-0.0176 fts	-0.0241 fts	0.0094 fts
DX	NYCS	WBDR AZ-30	-19458.9376 fts	-0.0160 fts	-0.0049 fts	0.0051 fts
DY			-73369.6359 fts	0.0393 fts	0.0157 fts	0.0093 fts
DZ			-70273.6568 fts	-0.0174 fts	-0.0427 fts	0.0094 fts
DX	NYCS	WBDR AZ-29	-19100.9212 fts	0.0380 fts	0.0259 fts	0.0057 fts
DY			-73648.8753 fts	-0.0401 fts	0.0089 fts	0.0100 fts

DZ			-70719.0735 fts	0.0571 fts	0.0746 fts	0.0105 fts
DX	NYCS	WBDR AZ-29	-19100.9212 fts	0.0168 fts	0.0147 fts	0.0057 fts
DY			-73648.8753 fts	-0.0056 fts	-0.0079 fts	0.0100 fts
DZ			-70719.0735 fts	-0.0016 fts	0.0062 fts	0.0105 fts
DX	EBDR AZ-13 OLD	EBDR AZ- 16 NEW	3567.1329 fts	0.0060 fts	0.0081 fts	0.0075 fts
DY			9048.6129 fts	0.0088 fts	0.0300 fts	0.0146 fts
DZ			8617.3464 fts	0.0342 fts	0.0178 fts	0.0124 fts
DX	EBDR AZ-13 OLD	EBDR AZ- 16 NEW	3567.1329 fts	0.0144 fts	0.0070 fts	0.0075 fts
DY			9048.6129 fts	-0.0260 fts	-0.0546 fts	0.0146 fts
DZ			8617.3464 fts	-0.0475 fts	-0.0105 fts	0.0124 fts
DX	EBDR AZ-15	EBDR AZ- 16 NEW	-137.1037 fts	0.0033 fts	0.0033 fts	0.0061 fts
DY			595.2355 fts	0.0006 fts	-0.0005 fts	0.0129 fts
DZ			678.9240 fts	-0.0003 fts	0.0000 fts	0.0106 fts
DX	EBDR AZ-15	EBDR AZ- 16 NEW	-137.1037 fts	-0.0104 fts	-0.0048 fts	0.0061 fts
DY			595.2355 fts	0.0196 fts	0.0195 fts	0.0129 fts
DZ			678.9240 fts	0.0066 fts	-0.0116 fts	0.0106 fts
DX	ASH AZ-1	ASH AZ-2	-430.4502 fts	-0.0034 fts	-0.0061 fts	0.0080 fts
DY			271.5052 fts	-0.0106 fts	-0.0031 fts	0.0155 fts
DZ			391.5747 fts	0.0042 fts	0.0097 fts	0.0151 fts
DX	ASH AZ-1	ASH AZ-2	-430.4502 fts	0.0004 fts	0.0068 fts	0.0080 fts
DY			271.5052 fts	0.0238 fts	0.0029 fts	0.0155 fts
DZ			391.5747 fts	-0.0167 fts	-0.0281 fts	0.0151 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0439 fts	0.0430 fts	0.0376 fts	0.0137 fts
DY			607.2045 fts	-0.0152 fts	0.0042 fts	0.0207 fts
DZ			774.0107 fts	0.0292 fts	0.0387 fts	0.0137 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0439 fts	0.0414 fts	0.0316 fts	0.0137 fts
DY			607.2045 fts	-0.0323 fts	-0.0130 fts	0.0207 fts
DZ			774.0107 fts	0.0205 fts	0.0448 fts	0.0137 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	-0.0150 fts	-0.0096 fts	0.0071 fts
DY			137.9504 fts	0.0181 fts	0.0135 fts	0.0152 fts
DZ			0.9683 fts	-0.0013 fts	-0.0168 fts	0.0147 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	-0.0378 fts	-0.0223 fts	0.0071 fts
DY			137.9504 fts	0.0535 fts	0.0349 fts	0.0152 fts
DZ			0.9683 fts	-0.0087 fts	-0.0515 fts	0.0147 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	0.0099 fts	0.0052 fts	0.0071 fts
DY			137.9504 fts	-0.0166 fts	-0.0070 fts	0.0152 fts
DZ			0.9683 fts	0.0075 fts	0.0188 fts	0.0147 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	3547.0581 fts	0.0140 fts	0.0099 fts	0.0061 fts
DY			8969.0019 fts	-0.0137 fts	-0.0167 fts	0.0100 fts
DZ			8542.2636 fts	-0.0072 fts	0.0078 fts	0.0089 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	3547.0581 fts	0.0232 fts	0.0286 fts	0.0061 fts

DY			8969.0019 fts	0.0238 fts	-0.0590 fts	0.0100 fts
DZ			8542.2636 fts	-0.0948 fts	-0.0760 fts	0.0089 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0581 fts	-0.0098 fts	-0.0215 fts	0.0061 fts
DY			8969.0019 fts	-0.0453 fts	0.0257 fts	0.0100 fts
DZ			8542.2636 fts	0.0719 fts	0.0786 fts	0.0089 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6278 fts	0.0144 fts	0.0115 fts	0.0062 fts
DY			1885.0644 fts	-0.0090 fts	-0.0040 fts	0.0122 fts
DZ			2166.8452 fts	0.0059 fts	0.0132 fts	0.0114 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6278 fts	0.0034 fts	-0.0045 fts	0.0062 fts
DY			1885.0644 fts	-0.0292 fts	-0.0233 fts	0.0122 fts
DZ			2166.8452 fts	-0.0052 fts	0.0180 fts	0.0114 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6278 fts	-0.0040 fts	-0.0104 fts	0.0062 fts
DY			1885.0644 fts	-0.0248 fts	0.0423 fts	0.0122 fts
DZ			2166.8452 fts	0.0777 fts	0.0691 fts	0.0114 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6130 fts	0.0248 fts	0.0208 fts	0.0075 fts
DY			1747.1140 fts	-0.0116 fts	-0.0166 fts	0.0157 fts
DZ			2165.8770 fts	-0.0063 fts	0.0089 fts	0.0148 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6130 fts	0.0478 fts	0.0237 fts	0.0075 fts
DY			1747.1140 fts	-0.0844 fts	-0.0578 fts	0.0157 fts
DZ			2165.8770 fts	0.0071 fts	0.0745 fts	0.0148 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6130 fts	-0.0218 fts	-0.0202 fts	0.0075 fts
DY			1747.1140 fts	0.0030 fts	0.0357 fts	0.0157 fts
DZ			2165.8770 fts	0.0403 fts	0.0206 fts	0.0148 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1785 fts	0.0019 fts	-0.0022 fts	0.0043 fts
DY			-515.6245 fts	-0.0154 fts	-0.0019 fts	0.0074 fts
DZ			-603.8412 fts	0.0113 fts	0.0189 fts	0.0066 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1785 fts	-0.0099 fts	-0.0011 fts	0.0043 fts
DY			-515.6245 fts	0.0319 fts	0.0017 fts	0.0074 fts
DZ			-603.8412 fts	-0.0280 fts	-0.0435 fts	0.0066 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1785 fts	0.0041 fts	0.0149 fts	0.0043 fts
DY			-515.6245 fts	0.0411 fts	-0.0052 fts	0.0074 fts
DZ			-603.8412 fts	-0.0419 fts	-0.0567 fts	0.0066 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4493 fts	0.0042 fts	0.0075 fts	0.0061 fts
DY			1369.4400 fts	0.0130 fts	-0.0006 fts	0.0121 fts
DZ			1563.0041 fts	-0.0112 fts	-0.0159 fts	0.0112 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4493 fts	-0.0067 fts	-0.0077 fts	0.0061 fts
DY			1369.4400 fts	-0.0045 fts	-0.0283 fts	0.0121 fts
DZ			1563.0041 fts	-0.0359 fts	-0.0222 fts	0.0112 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4493 fts	-0.0157 fts	-0.0077 fts	0.0061 fts
DY			1369.4400 fts	0.0279 fts	0.0202 fts	0.0121 fts
DZ			1563.0041 fts	-0.0008 fts	-0.0235 fts	0.0112 fts
DX	EBDR AZ-13 OLD	EBDR AZ-	-961.4344 fts	0.0297 fts	0.0294 fts	0.0075 fts

		13 NEW				
DY			1231.4896 fts	0.0029 fts	-0.0200 fts	0.0156 fts
DZ			1562.0358 fts	-0.0223 fts	-0.0112 fts	0.0148 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4344 fts	0.0441 fts	0.0260 fts	0.0075 fts
DY			1231.4896 fts	-0.0620 fts	-0.0671 fts	0.0156 fts
DZ			1562.0358 fts	-0.0258 fts	0.0357 fts	0.0148 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4344 fts	-0.0224 fts	-0.0107 fts	0.0075 fts
DY			1231.4896 fts	0.0411 fts	0.0127 fts	0.0156 fts
DZ			1562.0358 fts	-0.0241 fts	-0.0500 fts	0.0148 fts

GPS Baseline Vector Residuals

	Station	Target	Adj vector [fts]	Resid [fts]	Resid [ppm]
DV	NYSDOT 8-U-047	U279 RESET 1973	1211.8305	0.0334	27.5
DV	SHANDAKEN	ASH AZ-12 NEW	2979.8498	0.0231	7.8
DV	SHANDAKEN	ASH AZ-11 OLD	1327.8677	0.0062	4.7
DV	ASH AZ-7	ASH AZ-8	838.0744	0.0023	2.8
DV	ASH AZ-7	ASH AZ-20	32435.5392	0.0297	0.9
DV	ASH AZ-7	ASH AZ-19	32193.7834	0.0267	0.8
DV	ASH AZ-7	ASH AZ-16	28509.4646	0.0271	1.0
DV	ASH AZ-7	ASH AZ-15	28001.5625	0.0388	1.4
DV	ASH AZ-21 OLD	ASH AZ-22 OLD	862.0548	0.0283	32.8
DV	EBDR AZ-25 OLD	EBDR AZ-26	569.3676	0.0402	70.6
DV	ASH AZ-28	ASH AZ-21 OLD	26953.8081	0.0495	1.8
DV	ASH AZ-29 OLD	ASH AZ-30 OLD	746.0796	0.0271	36.4
DV	ASH AZ-29 OLD	ASH AZ-29 NEW	3075.4572	0.0228	7.4
DV	ASH AZ-29 OLD	ASH AZ-21 OLD	40186.1523	0.0083	0.2
DV	WBDR AZ-19 OLD	WBDR AZ-20	1096.5350	0.0837	76.3
DV	EBDR AZ-19	EBDR AZ-6	45781.0888	0.0177	0.4
DV	EBDR AZ-7 OLD	EBDR AZ-8	600.2217	0.0206	34.4
DV	EBDR AZ-7 OLD	EBDR AZ-21	62239.1330	0.0531	0.9
DV	EBDR AZ-7 OLD	EBDR AZ 7 NEW	90.7196	0.0400	440.6
DV	NEV AZ-2	ROND AZ-8	27086.8851	0.0207	0.8
DV	EBDR AZ-16 OLD	EBDR AZ-2	54165.5370	0.0257	0.5
DV	ASH AZ-6 OLD	ASH AZ-12 OLD	31326.0618	0.0452	1.4
DV	EBDR AZ-10	EBDR AZ-25 OLD	24979.0859	0.0209	0.8
DV	ASH AZ-8	ASH AZ-20	31643.3782	0.0304	1.0
DV	NEV AZ-4	ROND AZ-5	29176.5505	0.0140	0.5
DV	EBDR AZ-4	EBDR AZ-17	51755.3318	0.0222	0.4
DV	ROND AZ-1	ROND AZ-4	32522.8158	0.0138	0.4
DV	WBDR AZ-21	WBDR AZ-22	576.8904	0.0012	2.1
DV	ASH AZ-10	ASH AZ-14	41577.2569	0.0324	0.8
DV	EBDR AZ-3	EBDR AZ-4	909.8950	0.0047	5.2
DV	EBDR AZ-3	EBDR AZ-17	52097.9152	0.0323	0.6
DV	ROND AZ-2	ROND AZ-4	32948.5983	0.0095	0.3
DV	ROND AZ-2	ROND AZ-1	591.9969	0.0007	1.2
DV	ASH AZ-30 OLD	ASH AZ-29 OLD	746.0796	0.0114	15.2
DV	ASH AZ-30 OLD	ASH AZ-29 NEW	2770.4132	0.0441	15.9
DV	ASH AZ-25 OLD	ASH AZ-28	9501.6813	0.0171	1.8
DV	ASH AZ-25 OLD	ASH AZ-26 OLD	523.1302	0.0297	56.8
DV	ASH AZ-26 OLD	ASH AZ-28	10020.3244	0.0121	1.2

DV	ASH AZ-26 OLD	ASH AZ-25 OLD	523.1302	0.0322	61.4
DV	WBDR AZ-26	WBDR AZ-25	715.7596	0.0396	55.3
DV	EBDR AZ-8	EBDR AZ-7 OLD	600.2217	0.0098	16.3
DV	EBDR AZ-8	EBDR AZ 7 NEW	509.5088	0.0257	50.3
DV	WBDR AZ-9	WBDR AZ-10	513.6072	0.0086	16.7
DV	EBDR AZ-5	EBDR AZ-6	630.1826	0.0014	2.3
DV	EBDR AZ-23	EBDR AZ-24	786.9429	0.0038	4.9
DV	WBDR AZ-14	WBDR AZ-13	818.2321	0.0018	2.3
DV	ASH AZ-22 OLD	ASH AZ-9	58483.9819	0.0436	0.7
DV	ASH AZ-22 OLD	ASH AZ-30 OLD	40016.4982	0.0582	1.5
DV	ASH AZ-22 OLD	ASH AZ-29 OLD	39332.8659	0.0434	1.1
DV	ASH AZ-22 OLD	ASH AZ-28	26093.2282	0.0143	0.5
DV	ASH AZ-22 OLD	ASH AZ-21 OLD	862.0548	0.0156	18.1
DV	EBDR AZ-9	EBDR AZ-25 OLD	24519.5053	0.0367	1.5
DV	EBDR AZ-9	EBDR AZ-10	550.5980	0.0016	2.9
DV	WBDR AZ-8	WBDR AZ-7	1030.6153	0.0055	5.3
DV	WBDR AZ-18	WBDR AZ-17	688.5537	0.0038	5.5
DV	ASH AZ-19	ASH AZ-8	31405.9517	0.0321	1.0
DV	ASH AZ-19	ASH AZ-20	549.4380	0.0043	7.7
DV	ASH AZ-13	ASH AZ-14	861.9324	0.0136	15.8
DV	ASH AZ-13	ASH AZ-10	42305.0541	0.0300	0.7
DV	ASH AZ-18	ASH AZ-6 OLD	47121.8987	0.0570	1.2
DV	ASH AZ-18	ASH AZ-17	677.1730	0.0077	11.3
DV	WBDR AZ-16 OLD	WBDR AZ-15	682.2748	0.0037	5.5
DV	EBDR AZ-12	EBDR AZ-11	713.2315	0.0016	2.3
DV	ROND AZ-6	ROND AZ-5	703.2365	0.0036	5.2
DV	ROND AZ-6	NEV AZ-4	29857.9009	0.0126	0.4
DV	ANDES	WBDR AZ-8	86411.9431	0.0374	0.4
DV	ANDES	WBDR AZ-7	86670.5534	0.0574	0.7
DV	ANDES	WBDR AZ-6	96646.8237	0.0939	1.0
DV	ANDES	WBDR AZ-5	96060.6863	0.0836	0.9
DV	ANDES	WBDR AZ-4	90288.4419	0.0494	0.5
DV	ANDES	WBDR AZ-3	90601.3040	0.0519	0.6
DV	ANDES	WBDR AZ-29	91965.0719	0.0828	0.9
DV	ANDES	WBDR AZ-28	76543.6170	0.0739	1.0
DV	ANDES	WBDR AZ-27	76074.5031	0.0842	1.1
DV	ANDES	WBDR AZ-26	61861.6496	0.0570	0.9
DV	ANDES	WBDR AZ-24	48832.2915	0.0345	0.7
DV	ANDES	WBDR AZ-23	48659.9481	0.0333	0.7
DV	ANDES	WBDR AZ-2	97976.7511	0.0534	0.5
DV	ANDES	WBDR AZ-18	27214.0435	0.0165	0.6
DV	ANDES	WBDR AZ-17	27730.6069	0.0118	0.4
DV	ANDES	WBDR AZ-10	84115.5954	0.0967	1.2
DV	ANDES	WBDR AZ-1	98982.7637	0.0274	0.3
DV	ANDES	EBDR AZ-8	31812.9109	0.0286	0.9
DV	ANDES	EBDR AZ-7 OLD	31662.6981	0.0225	0.7
DV	ANDES	EBDR AZ-4	3895.7583	0.0101	2.6
DV	ANDES	EBDR AZ-3	3538.0645	0.0119	3.4
DV	ANDES	EBDR AZ-22	74823.9013	0.0766	1.0
DV	ANDES	EBDR AZ-21	74252.9636	0.0536	0.7
DV	ANDES	EBDR AZ-2	8008.5292	0.0344	4.3
DV	ANDES	EBDR AZ-18	56250.5064	0.0830	1.5
DV	ANDES	EBDR AZ-17	55611.5226	0.0567	1.0
DV	ANDES	EBDR AZ-15	54816.4784	0.0624	1.1
DV					

	ANDES	EBDR AZ-12	49371.9099	0.0485	1.0
DV	ANDES	EBDR AZ-1	8330.9341	0.0368	4.4
DV	EBDR AZ-1	EBDR AZ-2	526.0329	0.0035	6.7
DV	EBDR AZ-1	EBDR AZ-15	54415.6460	0.0682	1.3
DV	WALTON	WBDR AZ-9	7002.2714	0.0038	0.5
DV	WALTON	WBDR AZ-8	14657.2021	0.0086	0.6
DV	WALTON	WBDR AZ-7	13628.4600	0.0105	0.8
DV	WALTON	WBDR AZ-6	12207.8210	0.0056	0.5
DV	WALTON	WBDR AZ-5	11227.2387	0.0205	1.8
DV	WALTON	WBDR AZ-4	1214.7093	0.0084	6.9
DV	WALTON	WBDR AZ-3	790.4518	0.0083	10.5
DV	WALTON	WBDR AZ-22	72223.6050	0.0552	0.8
DV	WALTON	WBDR AZ-21	72781.7595	0.0608	0.8
DV	WALTON	WBDR AZ-2	8335.3833	0.0084	1.0
DV	WALTON	WBDR AZ-16 OLD	44967.8600	0.0145	0.3
DV	WALTON	WBDR AZ-15	45157.1877	0.0041	0.1
DV	WALTON	WBDR AZ-14	37928.8546	0.0339	0.9
DV	WALTON	WBDR AZ-13	37677.7533	0.0359	1.0
DV	WALTON	WBDR AZ-12	40520.9788	0.0192	0.5
DV	WALTON	WBDR AZ-11	39624.9565	0.0185	0.5
DV	WALTON	WBDR AZ-10	7515.1804	0.0046	0.6
DV	WALTON	WBDR AZ-1	9368.4776	0.0127	1.4
DV	DELHI	WBDR AZ-22	4555.9685	0.0051	1.1
DV	DELHI	WBDR AZ-21	5105.8812	0.0053	1.0
DV	DELHI	WBDR AZ-20	1603.9478	0.0178	11.1
DV	DELHI	WBDR AZ-19 OLD	1393.8979	0.0066	4.7
DV	DELHI	WBDR AZ-16 OLD	26554.4670	0.0159	0.6
DV	DELHI	WBDR AZ-15	26832.5274	0.0162	0.6
DV	DELHI	WBDR AZ-14	36104.3402	0.0264	0.7
DV	DELHI	WBDR AZ-13	35710.3615	0.0298	0.8
DV	DELHI	WBDR AZ-12	34132.1999	0.0208	0.6
DV	DELHI	WBDR AZ-11	33919.2225	0.0260	0.8
DV	WBDR AZ-6	WBDR AZ-5	983.1089	0.0102	10.4
DV	WBDR AZ-27	WBDR AZ-28	639.8534	0.0101	15.8
DV	EBDR AZ-18	EBDR AZ-17	651.6498	0.0079	12.2
DV	NEV AZ-1	ROND AZ-8	27923.8531	0.0215	0.8
DV	NEV AZ-1	ROND AZ-7	28133.0119	0.0363	1.3
DV	NEV AZ-1	NEV AZ-2	837.0440	0.0129	15.4
DV	PHOENICIA	ROND AZ-8	95909.4644	0.0192	0.2
DV	PHOENICIA	ROND AZ-7	96726.3242	0.0449	0.5
DV	PHOENICIA	ROND AZ-6	106220.0829	0.0899	0.8
DV	PHOENICIA	ROND AZ-4	107355.3872	0.0439	0.4
DV	PHOENICIA	ROND AZ-2	80664.7558	0.0588	0.7
DV	PHOENICIA	ROND AZ-1	80709.2928	0.0706	0.9
DV	PHOENICIA	NEV AZ-4	86113.3310	0.0977	1.1
DV	PHOENICIA	NEV AZ-3	85470.8867	0.0301	0.4
DV	PHOENICIA	NEV AZ-2	91152.1417	0.0571	0.6
DV	PHOENICIA	NEV AZ-1	91129.4254	0.0900	1.0
DV	PHOENICIA	ASH AZ-30 OLD	42227.3909	0.0081	0.2
DV	PHOENICIA	ASH AZ-29 OLD	41499.3099	0.0032	0.1
DV	PHOENICIA	ASH AZ-28	30110.0468	0.0145	0.5
DV	PHOENICIA	ASH AZ-27	30941.1851	0.0187	0.6
DV	PHOENICIA	ASH AZ-26 OLD	20484.0768	0.0142	0.7
DV	PHOENICIA	ASH AZ-25 OLD	20995.4209	0.0241	1.1
DV					

	PHOENICIA	ASH AZ-22 OLD	25428.2503	0.0126	0.5
DV	PHOENICIA	ASH AZ-21 OLD	25762.1522	0.0240	0.9
DV	NEV AZ-3	ROND AZ-6	29984.0909	0.0392	1.3
DV	NEV AZ-3	ROND AZ-5	29298.8450	0.0168	0.6
DV	NEV AZ-3	NEV AZ-4	715.1328	0.0032	4.4
DV	ASH AZ-3	ASH AZ-4	536.3666	0.0044	8.3
DV	NYHC	WBDR AZ-9	94133.2716	0.0655	0.7
DV	NYHC	WBDR AZ-8	101961.9806	0.0519	0.5
DV	NYHC	WBDR AZ-7	100943.0907	0.0184	0.2
DV	NYHC	WBDR AZ-6	94075.8835	0.0155	0.2
DV	NYHC	WBDR AZ-5	93555.3663	0.0278	0.3
DV	NYHC	WBDR AZ-4	88714.7653	0.0401	0.5
DV	NYHC	WBDR AZ-3	88155.0888	0.0474	0.5
DV	NYHC	WBDR AZ-22	155745.3537	0.0154	0.1
DV	NYHC	WBDR AZ-21	156322.2091	0.0151	0.1
DV	NYHC	WBDR AZ-20	151951.0752	0.0228	0.2
DV	NYHC	WBDR AZ-2	80652.4705	0.0380	0.5
DV	NYHC	WBDR AZ-19 OLD	152644.5653	0.0119	0.1
DV	NYHC	WBDR AZ-16 OLD	125370.1751	0.0340	0.3
DV	NYHC	WBDR AZ-15	125239.3243	0.0436	0.3
DV	NYHC	WBDR AZ-14	116020.5194	0.0211	0.2
DV	NYHC	WBDR AZ-13	116255.2731	0.0155	0.1
DV	NYHC	WBDR AZ-12	128141.0558	0.0163	0.1
DV	NYHC	WBDR AZ-11	127193.6818	0.0274	0.2
DV	NYHC	WBDR AZ-10	94600.1279	0.0265	0.3
DV	NYHC	WBDR AZ-1	79882.2601	0.0656	0.8
DV	NYHC	EBDR AZ-3	160213.0513	0.1169	0.7
DV	NYHC	EBDR AZ-2	154322.3583	0.0781	0.5
DV	NYHC	EBDR AZ-1	153822.0517	0.0653	0.4
DV	SOUTH KORTRIGHT	WBDR AZ-30	33036.2380	0.0381	1.2
DV	SOUTH KORTRIGHT	WBDR AZ-28	16819.9206	0.0258	1.5
DV	SOUTH KORTRIGHT	WBDR AZ-25	1384.8043	0.0349	25.2
DV	SOUTH KORTRIGHT	WBDR AZ-23	30642.3619	0.0507	1.7
DV	FLEISCHMANNNS 2	EBDR AZ-9	26963.2799	0.0226	0.8
DV	FLEISCHMANNNS 2	EBDR AZ-8	40254.4951	0.0362	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-7 OLD	40668.0603	0.0267	0.7
DV	FLEISCHMANNNS 2	EBDR AZ-6	41266.6038	0.0209	0.5
DV	FLEISCHMANNNS 2	EBDR AZ-5	40818.2746	0.0146	0.4
DV	FLEISCHMANNNS 2	EBDR AZ-4	66407.8324	0.1004	1.5
DV	FLEISCHMANNNS 2	EBDR AZ-28	3340.4890	0.0056	1.7
DV	FLEISCHMANNNS 2	EBDR AZ-27	2814.9573	0.0074	2.6
DV	FLEISCHMANNNS 2	EBDR AZ-26	3250.2461	0.0288	8.9
DV	FLEISCHMANNNS 2	EBDR AZ-25 OLD	2683.1869	0.0276	10.3
DV	FLEISCHMANNNS 2	EBDR AZ-24	12905.9662	0.0089	0.7
DV	FLEISCHMANNNS 2	EBDR AZ-23	13084.9324	0.0054	0.4
DV	FLEISCHMANNNS 2	EBDR AZ-22	48853.9551	0.0651	1.3
DV	FLEISCHMANNNS 2	EBDR AZ-21	48260.6363	0.0424	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-20	20881.7848	0.0181	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-2	67834.1735	0.0531	0.8
DV	FLEISCHMANNNS 2	EBDR AZ-19	20748.8016	0.0182	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-18	23466.9616	0.0454	1.9
DV	FLEISCHMANNNS 2	EBDR AZ-16 OLD	18074.6274	0.0256	1.4
DV	FLEISCHMANNNS 2	EBDR AZ-15	17560.6039	0.0137	0.8
DV	FLEISCHMANNNS 2	EBDR AZ-14 OLD	20193.5348	0.0419	2.1
DV					

	FLEISCHMANNNS 2	EBDR AZ-13 OLD	20169.1646	0.0279	1.4
DV	FLEISCHMANNNS 2	EBDR AZ-12	22136.2991	0.0362	1.6
DV	FLEISCHMANNNS 2	EBDR AZ-11	21443.3023	0.0472	2.2
DV	FLEISCHMANNNS 2	EBDR AZ-10	27409.3336	0.0241	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-1	68184.7210	0.0539	0.8
DV	FLEISCHMANNNS 2	ASH AZ-8	42029.9778	0.0581	1.4
DV	FLEISCHMANNNS 2	ASH AZ-7	41393.8870	0.0596	1.4
DV	FLEISCHMANNNS 2	ASH AZ-6 OLD	20730.9119	0.0255	1.2
DV	FLEISCHMANNNS 2	ASH AZ-5 OLD	20264.8076	0.0289	1.4
DV	FLEISCHMANNNS 2	ASH AZ-4	34121.9566	0.0369	1.1
DV	FLEISCHMANNNS 2	ASH AZ-3	33603.3026	0.0313	0.9
DV	FLEISCHMANNNS 2	ASH AZ-20	72468.8448	0.0228	0.3
DV	FLEISCHMANNNS 2	ASH AZ-19	72337.1671	0.0275	0.4
DV	FLEISCHMANNNS 2	ASH AZ-18	67845.3355	0.0172	0.3
DV	FLEISCHMANNNS 2	ASH AZ-17	67991.8326	0.0362	0.5
DV	FLEISCHMANNNS 2	ASH AZ-16	69897.6168	0.0314	0.4
DV	FLEISCHMANNNS 2	ASH AZ-15	69393.3851	0.0533	0.8
DV	FLEISCHMANNNS 2	ASH AZ-14	77286.3909	0.0168	0.2
DV	FLEISCHMANNNS 2	ASH AZ-13	78043.8888	0.0353	0.5
DV	FLEISCHMANNNS 2	ASH AZ-12 OLD	51736.8235	0.0859	1.7
DV	EBDR AZ-26	EBDR AZ-9	24034.4901	0.0113	0.5
DV	EBDR AZ-26	EBDR AZ-25 OLD	569.3676	0.0364	63.9
DV	EBDR AZ-26	EBDR AZ-10	24497.7618	0.0078	0.3
DV	ASH AZ-27	ASH AZ-26 OLD	10882.5727	0.0192	1.8
DV	ASH AZ-27	ASH AZ-25 OLD	10364.1705	0.0077	0.7
DV	ASH AZ-27	ASH AZ-22 OLD	26784.5365	0.0411	1.5
DV	ASH AZ-27	ASH AZ-21 OLD	27643.9859	0.0302	1.1
DV	ASH AZ-5 OLD	ASH AZ-6 OLD	531.3863	0.0128	24.0
DV	ASH AZ-5 OLD	ASH AZ-17	47732.9145	0.0464	1.0
DV	ASH AZ-5 OLD	ASH AZ-12 OLD	31727.2853	0.0331	1.0
DV	ASH AZ-5 OLD	ASH AZ-11 OLD	31042.2290	0.0718	2.3
DV	WBDR AZ-4	WBDR AZ-3	559.8116	0.0022	3.8
DV	ASH AZ-24	ASH AZ-23	984.8720	0.0076	7.7
DV	NYON	WBDR AZ-9	95196.1529	0.0091	0.1
DV	NYON	WBDR AZ-8	85329.9990	0.0239	0.3
DV	NYON	WBDR AZ-7	86310.5828	0.0067	0.1
DV	NYON	WBDR AZ-6	89897.0864	0.0167	0.2
DV	NYON	WBDR AZ-5	90624.4412	0.0281	0.3
DV	NYON	WBDR AZ-4	98362.6381	0.0247	0.3
DV	NYON	WBDR AZ-3	98861.7470	0.0306	0.3
DV	NYON	WBDR AZ-28	121977.8329	0.0464	0.4
DV	NYON	WBDR AZ-26	111570.1814	0.0752	0.7
DV	NYON	WBDR AZ-25	110857.3884	0.0156	0.1
DV	NYON	WBDR AZ-24	89860.9134	0.0273	0.3
DV	NYON	WBDR AZ-22	79961.1133	0.0205	0.3
DV	NYON	WBDR AZ-21	79900.2969	0.0262	0.3
DV	NYON	WBDR AZ-20	80519.4970	0.0469	0.6
DV	NYON	WBDR AZ-2	104284.8520	0.0185	0.2
DV	NYON	WBDR AZ-19 OLD	79576.1887	0.0528	0.7
DV	NYON	WBDR AZ-18	108813.3376	0.0387	0.4
DV	NYON	WBDR AZ-17	108933.6447	0.0547	0.5
DV	NYON	WBDR AZ-16 OLD	91587.3926	0.0281	0.3
DV	NYON	WBDR AZ-15	92254.2488	0.0117	0.1
DV	NYON	WBDR AZ-14	97352.4725	0.0246	0.3
DV					

	NYON	WBDR AZ-13	96548.8131	0.0186	0.2
DV	NYON	WBDR AZ-12	67374.2962	0.0385	0.6
DV	NYON	WBDR AZ-11	68781.5933	0.0447	0.7
DV	NYON	WBDR AZ-1	104786.7767	0.0444	0.4
DV	NYON	EBDR AZ-8	154989.1980	0.0337	0.2
DV	NYON	EBDR AZ-7 OLD	155032.4481	0.0359	0.2
DV	NYON	EBDR AZ-6	160609.2743	0.0617	0.4
DV	NYON	EBDR AZ-5	161215.8129	0.0531	0.3
DV	NYON	EBDR AZ-4	127092.2836	0.0374	0.3
DV	NYON	EBDR AZ-3	127592.7354	0.0589	0.5
DV	NYON	EBDR AZ-22	157883.3924	0.0421	0.3
DV	NYON	EBDR AZ-21	157829.3954	0.0146	0.1
DV	NYON	EBDR AZ-2	132209.8932	0.0420	0.3
DV	NYON	EBDR AZ-17	162490.7954	0.0425	0.3
DV	NYON	EBDR AZ-1	132266.1541	0.0306	0.2
DV	EBDR AZ-20	EBDR AZ-6	45127.8570	0.0179	0.4
DV	EBDR AZ-20	EBDR AZ-5	44935.5453	0.0302	0.7
DV	EBDR AZ-20	EBDR AZ-19	795.0504	0.0215	27.0
DV	ROND AZ-3	ROND AZ-4	744.9867	0.0043	5.8
DV	ROND AZ-3	ROND AZ-2	33672.9953	0.0072	0.2
DV	ROND AZ-3	ROND AZ-1	33245.0173	0.0126	0.4
DV	ASH AZ-11 OLD	ASH AZ-6 OLD	30640.5544	0.0752	2.5
DV	ASH AZ-11 OLD	ASH AZ-12 OLD	686.5136	0.0167	24.4
DV	ASH AZ-11 OLD	ASH AZ 11 NEW	638.6783	0.0546	85.5
DV	NYHS	ASH AZ-26 OLD	161455.3185	0.0123	0.1
DV	NYHS	ASH AZ-25 OLD	161532.6217	0.0362	0.2
DV	NYHS	ASH AZ-23	134184.4543	0.0932	0.7
DV	NYHS	ASH AZ-22 OLD	142706.3979	0.0240	0.2
DV	NYHS	ASH AZ-21 OLD	141983.7166	0.0158	0.1
DV	NYHS	ASH AZ-20	163968.4824	0.0335	0.2
DV	NYHS	ASH AZ-19	163632.3344	0.0285	0.2
DV	NYHS	ASH AZ-16	156765.5143	0.0394	0.3
DV	NYHS	ASH AZ-15	157353.8285	0.0531	0.3
DV	NYHS	ASH AZ-14	144195.0337	0.0554	0.4
DV	NYHS	ASH AZ-13	143334.7263	0.1067	0.7
DV	NYCS	WBDR AZ-28	118718.6915	0.0399	0.3
DV	NYCS	WBDR AZ-27	119166.0193	0.0330	0.3
DV	NYCS	WBDR AZ-26	133669.1047	0.0446	0.3
DV	NYCS	WBDR AZ-25	133852.9315	0.0191	0.1
DV	NYCS	WBDR AZ-24	156334.6846	0.0054	0.0
DV	NYCS	WBDR AZ-23	157134.2704	0.0346	0.2
DV	NYCS	WBDR AZ-15	213288.3213	0.0346	0.2
DV	NYCS	EBDR AZ-22	138958.3504	0.0733	0.5
DV	NYCS	EBDR AZ-21	139622.0047	0.0425	0.3
DV	NYKT	ROND AZ-8	133229.4601	0.0106	0.1
DV	NYKT	ROND AZ-7	133852.1737	0.0454	0.3
DV	NYKT	ROND AZ-6	143850.2119	0.0293	0.2
DV	NYKT	ROND AZ-5	143589.7848	0.0271	0.2
DV	NYKT	ROND AZ-4	151269.0049	0.0482	0.3
DV	NYKT	ROND AZ-2	118698.0760	0.0314	0.3
DV	NYKT	ROND AZ-1	119189.9446	0.0415	0.3
DV	NYKT	NEV AZ-3	142166.6827	0.0762	0.5
DV	NYKT	EBDR AZ-28	158023.6977	0.1052	0.7
DV	NYKT	EBDR AZ-27	158482.2938	0.0489	0.3
DV					

	NYKT	EBDR AZ-25 OLD	163778.8731	0.0280	0.2
DV	NYKT	EBDR AZ-24	163942.1495	0.0451	0.3
DV	NYKT	ASH AZ-8	120280.0730	0.0422	0.4
DV	NYKT	ASH AZ-7	121042.1614	0.0818	0.7
DV	NYKT	ASH AZ-5 OLD	140996.5464	0.0111	0.1
DV	NYKT	ASH AZ-4	127251.9752	0.0507	0.4
DV	NYKT	ASH AZ-30 OLD	67941.9087	0.0446	0.7
DV	NYKT	ASH AZ-3	127783.8503	0.0371	0.3
DV	NYKT	ASH AZ-29 OLD	68107.9259	0.0528	0.8
DV	NYKT	ASH AZ-28	69144.8314	0.0362	0.5
DV	NYKT	ASH AZ-27	68677.1237	0.0633	0.9
DV	NYKT	ASH AZ-26 OLD	75438.5138	0.0332	0.4
DV	NYKT	ASH AZ-25 OLD	75043.0041	0.0553	0.7
DV	NYKT	ASH AZ-24	64154.2056	0.0807	1.3
DV	NYKT	ASH AZ-23	63309.8880	0.0531	0.8
DV	NYKT	ASH AZ-22 OLD	72076.6731	0.0302	0.4
DV	NYKT	ASH AZ-21 OLD	72283.0291	0.0428	0.6
DV	NYKT	ASH AZ-20	88825.1980	0.0461	0.5
DV	NYKT	ASH AZ-2	120072.2281	0.0137	0.1
DV	NYKT	ASH AZ-19	89003.4815	0.0405	0.5
DV	NYKT	ASH AZ-18	93902.6982	0.0552	0.6
DV	NYKT	ASH AZ-17	93877.7834	0.0262	0.3
DV	NYKT	ASH AZ-16	94329.2353	0.0414	0.4
DV	NYKT	ASH AZ-15	94679.1887	0.0220	0.2
DV	NYKT	ASH AZ-14	94280.8309	0.0238	0.3
DV	NYKT	ASH AZ-13	93974.8143	0.0338	0.4
DV	NYKT	ASH AZ-12 OLD	111187.8200	0.0267	0.2
DV	NYKT	ASH AZ-11 OLD	111803.6072	0.0361	0.3
DV	NYKT	ASH AZ-10	130151.0068	0.0163	0.1
DV	NYKT	ASH AZ-1	119570.7540	0.0229	0.2
DV	WBDR AZ-12	WBDR AZ-11	1409.5484	0.0039	2.8
DV	EBDR AZ-13 OLD	EBDR AZ-15	12173.7220	0.0343	2.8
DV	EBDR AZ-13 OLD	ASH AZ-1	61969.5639	0.0743	1.2
DV	EBDR AZ-22	EBDR AZ-8	62323.2761	0.0841	1.3
DV	EBDR AZ-22	EBDR AZ-7 OLD	62921.1900	0.0686	1.1
DV	EBDR AZ-22	EBDR AZ-21	691.7099	0.0173	25.1
DV	BOICEVILLE	EBDR AZ-28	90843.9713	0.0431	0.5
DV	BOICEVILLE	EBDR AZ-27	91266.2024	0.0313	0.3
DV	BOICEVILLE	EBDR AZ-14 OLD	110085.9881	0.0636	0.6
DV	BOICEVILLE	EBDR AZ-13 OLD	110496.0565	0.0905	0.8
DV	BOICEVILLE	ASH AZ-8	55357.5709	0.0423	0.8
DV	BOICEVILLE	ASH AZ-7	56185.6852	0.0323	0.6
DV	BOICEVILLE	ASH AZ-5 OLD	74094.3974	0.0557	0.8
DV	BOICEVILLE	ASH AZ-4	59709.8140	0.1260	2.1
DV	BOICEVILLE	ASH AZ-30 OLD	13428.7572	0.0087	0.7
DV	BOICEVILLE	ASH AZ-3	60226.5010	0.0551	0.9
DV	BOICEVILLE	ASH AZ-29 OLD	12709.6784	0.0082	0.6
DV	BOICEVILLE	ASH AZ-28	874.6961	0.0053	6.1
DV	BOICEVILLE	ASH AZ-27	18.9018	0.0095	504.1
DV	BOICEVILLE	ASH AZ-26 OLD	10893.3140	0.0250	2.3
DV	BOICEVILLE	ASH AZ-25 OLD	10375.0147	0.0107	1.0
DV	BOICEVILLE	ASH AZ-24	31076.9684	0.0167	0.5
DV	BOICEVILLE	ASH AZ-23	31513.7774	0.0247	0.8
DV	BOICEVILLE	ASH AZ-22 OLD	26802.6195	0.0132	0.5
DV					

	BOICEVILLE	ASH AZ-21 OLD	27662.0822	0.0095	0.3
DV	BOICEVILLE	ASH AZ-20	24901.9352	0.0287	1.2
DV	BOICEVILLE	ASH AZ-19	25323.7811	0.0293	1.2
DV	BOICEVILLE	ASH AZ-18	30929.2528	0.0281	0.9
DV	BOICEVILLE	ASH AZ-17	31244.1616	0.0271	0.9
DV	BOICEVILLE	ASH AZ-16	36114.4418	0.0236	0.7
DV	BOICEVILLE	ASH AZ-15	36116.2866	0.0224	0.6
DV	BOICEVILLE	ASH AZ-14	45155.9738	0.0260	0.6
DV	BOICEVILLE	ASH AZ-13	45487.4113	0.0362	0.8
DV	BOICEVILLE	ASH AZ-12 OLD	47807.4466	0.0278	0.6
DV	BOICEVILLE	ASH AZ-11 OLD	48276.2786	0.0525	1.1
DV	BOICEVILLE	ASH AZ-1	50983.3025	0.0519	1.0
DV	EBDR AZ-28	EBDR AZ-27	537.7800	0.0075	14.0
DV	EBDR AZ-15	EBDR AZ-2	54001.3988	0.0690	1.3
DV	EBDR AZ-15	EBDR AZ-16 OLD	903.9650	0.0133	14.7
DV	EBDR AZ-15	EBDR AZ-14 NEW	10404.2194	0.0223	2.1
DV	EBDR AZ-15	EBDR AZ-13 NEW	10704.3195	0.0615	5.7
DV	SUNDOWN	ROND AZ-8	2875.0284	0.0041	1.4
DV	SUNDOWN	ROND AZ-7	2102.7220	0.0037	1.8
DV	SUNDOWN	ROND AZ-6	9122.3705	0.0211	2.3
DV	SUNDOWN	ROND AZ-5	8799.0585	0.0140	1.6
DV	SUNDOWN	ROND AZ-4	17433.9491	0.0044	0.3
DV	SUNDOWN	ROND AZ-3	18162.8175	0.0100	0.6
DV	SUNDOWN	ROND AZ-2	18852.7737	0.0177	0.9
DV	SUNDOWN	ROND AZ-1	18632.7566	0.0162	0.9
DV	SUNDOWN	NEV AZ-4	28819.1481	0.0169	0.6
DV	SUNDOWN	NEV AZ-3	28724.8705	0.0094	0.3
DV	SUNDOWN	NEV AZ-2	28653.6585	0.0260	0.9
DV	SUNDOWN	NEV AZ-1	29487.5936	0.0414	1.4
DV	ASH AZ-1	EBDR AZ-14 OLD	61436.8633	0.0463	0.8
DV	ASH AZ-16	ASH AZ-15	592.2536	0.0057	9.7
DV	CLARYVILLE	ROND AZ-8	26558.7810	0.0581	2.2
DV	CLARYVILLE	ROND AZ-7	26748.4123	0.0599	2.2
DV	CLARYVILLE	ROND AZ-6	27345.0796	0.0423	1.5
DV	CLARYVILLE	ROND AZ-5	26706.6060	0.0517	1.9
DV	CLARYVILLE	ROND AZ-4	20790.9931	0.0352	1.7
DV	CLARYVILLE	ROND AZ-3	20908.9837	0.0087	0.4
DV	CLARYVILLE	ROND AZ-2	31785.9671	0.0370	1.2
DV	CLARYVILLE	ROND AZ-1	31198.3642	0.0350	1.1
DV	CLARYVILLE	NEV AZ-4	5748.8864	0.0099	1.7
DV	CLARYVILLE	NEV AZ-3	6419.5652	0.0050	0.8
DV	CLARYVILLE	NEV AZ-2	861.9207	0.0389	45.1
DV	CLARYVILLE	NEV AZ-1	1530.3522	0.0296	19.4
DV	WBDR AZ-24	WBDR AZ-23	1001.4810	0.0025	2.5
DV	WBDR AZ-29	WBDR AZ-30	636.0396	0.0094	14.8
DV	ROND AZ-7	ROND AZ-8	819.0771	0.0016	1.9
DV	ROND AZ-7	NEV AZ-2	27296.3843	0.0408	1.5
DV	MARGARETVILLE	WBDR AZ-24	78283.9999	0.1060	1.4
DV	MARGARETVILLE	WBDR AZ-18	56564.9936	0.0559	1.0
DV	MARGARETVILLE	WBDR AZ-17	56548.6754	0.0328	0.6
DV	MARGARETVILLE	EBDR AZ-9	261.7751	0.0120	45.7
DV	MARGARETVILLE	EBDR AZ-8	13174.1262	0.0134	1.0
DV	MARGARETVILLE	EBDR AZ-7 OLD	13552.4048	0.0326	2.4
DV	MARGARETVILLE	EBDR AZ-6	14925.4978	0.0085	0.6
DV					

	MARGARETVILLE	EBDR AZ-5	14617.3696	0.0066	0.5
DV	MARGARETVILLE	EBDR AZ-4	41060.2905	0.0685	1.7
DV	MARGARETVILLE	EBDR AZ-3	40954.8932	0.0668	1.6
DV	MARGARETVILLE	EBDR AZ-28	30382.4188	0.0265	0.9
DV	MARGARETVILLE	EBDR AZ-27	29845.5396	0.0251	0.8
DV	MARGARETVILLE	EBDR AZ-26	24240.9707	0.0172	0.7
DV	MARGARETVILLE	EBDR AZ-25 OLD	24723.9932	0.0304	1.2
DV	MARGARETVILLE	EBDR AZ-24	19929.6800	0.0125	0.6
DV	MARGARETVILLE	EBDR AZ-23	19151.3849	0.0116	0.6
DV	MARGARETVILLE	EBDR AZ-22	56191.2521	0.0292	0.5
DV	MARGARETVILLE	EBDR AZ-21	55499.8965	0.0153	0.3
DV	MARGARETVILLE	EBDR AZ-20	30700.7422	0.0225	0.7
DV	MARGARETVILLE	EBDR AZ-2	41168.5096	0.0235	0.6
DV	MARGARETVILLE	EBDR AZ-19	31306.2661	0.0172	0.6
DV	MARGARETVILLE	EBDR AZ-18	25900.3841	0.0153	0.6
DV	MARGARETVILLE	EBDR AZ-17	25395.2873	0.0150	0.6
DV	MARGARETVILLE	EBDR AZ-16 OLD	18947.3163	0.0406	2.1
DV	MARGARETVILLE	EBDR AZ-15	18266.1660	0.0518	2.8
DV	MARGARETVILLE	EBDR AZ-14 OLD	7044.7283	0.0081	1.1
DV	MARGARETVILLE	EBDR AZ-13 OLD	7266.5605	0.0250	3.4
DV	MARGARETVILLE	EBDR AZ-12	5209.6573	0.0186	3.6
DV	MARGARETVILLE	EBDR AZ-11	5921.2608	0.0193	3.3
DV	MARGARETVILLE	EBDR AZ-10	290.7961	0.0131	45.1
DV	MARGARETVILLE	EBDR AZ-1	41480.1670	0.0195	0.5
DV	MARGARETVILLE	ASH AZ-8	67680.6664	0.0436	0.6
DV	MARGARETVILLE	ASH AZ-7	67143.3846	0.0792	1.2
DV	MARGARETVILLE	ASH AZ-6 OLD	46124.9883	0.0756	1.6
DV	MARGARETVILLE	ASH AZ-5 OLD	45759.2753	0.0475	1.0
DV	MARGARETVILLE	ASH AZ-3	56765.8216	0.0541	1.0
DV	MARGARETVILLE	ASH AZ-23	128301.9851	0.0377	0.3
DV	MARGARETVILLE	ASH AZ-18	92304.0329	0.0392	0.4
DV	MARGARETVILLE	ASH AZ-17	92546.2802	0.0143	0.2
DV	MARGARETVILLE	ASH AZ-16	95459.9732	0.0442	0.5
DV	MARGARETVILLE	ASH AZ-15	94923.8544	0.0394	0.4
DV	MARGARETVILLE	ASH AZ-14	103857.8282	0.0724	0.7
DV	MARGARETVILLE	ASH AZ-13	104639.3142	0.0565	0.5
DV	WBDR AZ-20	WBDR AZ-19 OLD	1096.5350	0.0145	13.2
DV	WBDR AZ-2	WBDR AZ-1	1041.7205	0.0059	5.6
DV	ASH AZ-29 NEW	ASH AZ-30 NEW	195.1455	0.0164	84.1
DV	ASH AZ-29 NEW	ASH AZ-30 NEW	195.1455	0.0286	146.8
DV	ASH AZ-12 NEW	ASH AZ 11 NEW	1028.2256	0.0466	45.3
DV	ASH AZ-12 NEW	ASH AZ 11 NEW	1028.2256	0.0264	25.7
DV	ASH AZ-5 NEW	ASH AZ 6 NEW	538.7003	0.0355	65.9
DV	ASH AZ-5 NEW	ASH AZ 6 NEW	538.7003	0.0164	30.4
DV	EBDR AZ-16 NEW	EBDR AZ-14 NEW	11181.5669	0.0388	3.5
DV	EBDR AZ-16 NEW	EBDR AZ-14 NEW	11181.5669	0.0319	2.9
DV	ASH AZ-25 NEW	ASH AZ-26 NEW	2423.0709	0.0026	1.1
DV	ASH AZ-25 NEW	ASH AZ-26 NEW	2423.0709	0.0106	4.4
DV	SHANDAKEN	ASH AZ 11 NEW	1960.1176	0.0100	5.1
DV	SHANDAKEN	ASH AZ 11 NEW	1960.1176	0.0108	5.5
DV	ASH AZ-21 OLD	U279 RESET 1973	1203.8626	0.0675	56.1
DV	ASH AZ-21 OLD	U279 RESET 1973	1203.8626	0.0332	27.6

DV	ASH AZ-21 OLD	NYS DOT 8-U-047	9.0055	0.0324	3600.0
DV	ASH AZ-21 OLD	NYS DOT 8-U-047	9.0055	0.0256	2846.4
DV	EBDR AZ-25 OLD	EBDR AZ-25 NEW	107.5201	0.0129	120.3
DV	EBDR AZ-25 OLD	EBDR AZ-25 NEW	107.5201	0.0611	568.5
DV	EBDR AZ-14 OLD	EBDR AZ-16 NEW	13716.1484	0.0276	2.0
DV	EBDR AZ-14 OLD	EBDR AZ-16 NEW	13716.1484	0.0565	4.1
DV	WBDR AZ-19 OLD	D309 RESET 1995	54.6715	0.0143	260.8
DV	WBDR AZ-19 OLD	D309 RESET 1995	54.6715	0.0374	684.6
DV	ASH AZ-10	ASH AZ-9	698.5577	0.0338	48.4
DV	ASH AZ-10	ASH AZ-9	698.5577	0.0502	71.8
DV	ASH AZ-25 OLD	ASH AZ-26 NEW	2409.8123	0.0194	8.0
DV	ASH AZ-25 OLD	ASH AZ-26 NEW	2409.8123	0.0182	7.6
DV	ASH AZ-25 OLD	ASH AZ-25 NEW	17.4202	0.0130	746.0
DV	ASH AZ-25 OLD	ASH AZ-25 NEW	17.4202	0.0188	1079.2
DV	ASH AZ-26 OLD	ASH AZ-26 NEW	1886.8591	0.0116	6.1
DV	ASH AZ-26 OLD	ASH AZ-26 NEW	1886.8591	0.0200	10.6
DV	ASH AZ-26 OLD	ASH AZ-25 NEW	536.7327	0.0145	27.1
DV	ASH AZ-26 OLD	ASH AZ-25 NEW	536.7327	0.0168	31.4
DV	ASH AZ-22 OLD	U279 RESET 1973	349.2052	0.0281	80.3
DV	ASH AZ-22 OLD	U279 RESET 1973	349.2052	0.0335	96.0
DV	ASH AZ-22 OLD	NYS DOT 8-U-047	870.2988	0.0269	30.9
DV	ASH AZ-22 OLD	NYS DOT 8-U-047	870.2988	0.0199	22.9
DV	WBDR AZ-16 OLD	WBDR AZ-16 NEW	897.8553	0.0490	54.6
DV	WBDR AZ-16 OLD	WBDR AZ-16 NEW	897.8553	0.0673	75.0
DV	ANDES	WBDR AZ-30	92321.8344	0.0770	0.8
DV	ANDES	WBDR AZ-30	92321.8344	0.0866	0.9
DV	SOUTH KORTRIGHT	WBDR AZ-29	32850.6305	0.0556	1.7
DV	SOUTH KORTRIGHT	WBDR AZ-29	32850.6305	0.0286	0.9
DV	WBDR AZ-15	WBDR AZ-16 NEW	1329.4995	0.0852	64.1
DV	WBDR AZ-15	WBDR AZ-16 NEW	1329.4995	0.0740	55.7
DV	EBDR AZ-26	EBDR AZ-25 NEW	462.1396	0.0130	28.2
DV	EBDR AZ-26	EBDR AZ-25 NEW	462.1396	0.0320	69.1
DV	ASH AZ-27	ASH AZ-28	863.1975	0.0178	20.7
DV	ASH AZ-27	ASH AZ-28	863.1975	0.0331	38.3
DV	ASH AZ-5 OLD	ASH AZ-5 NEW	1945.1309	0.0146	7.5
DV	ASH AZ-5 OLD	ASH AZ-5 NEW	1945.1309	0.0286	14.7
DV	NYON	WBDR AZ-30	131199.8536	0.0400	0.3
DV	NYON	WBDR AZ-30	131199.8536	0.0309	0.2
DV	NYON	WBDR AZ-29	131530.1661	0.0211	0.2
DV	NYON	WBDR AZ-29	131530.1661	0.0341	0.3
DV	NYON	WBDR AZ-23	89184.6222	0.0745	0.8
DV	NYON	WBDR AZ-23	89184.6222	0.0382	0.4
DV	ASH AZ-11 OLD	ASH AZ-12 NEW	1651.9910	0.0475	28.7
DV	ASH AZ-11 OLD	ASH AZ-12 NEW	1651.9910	0.0558	33.8
DV	NYCS	WBDR AZ-30	103441.4838	0.0477	0.5
DV	NYCS	WBDR AZ-30	103441.4838	0.0458	0.4

DV	NYCS	WBDR AZ-29	103875.8363	0.0795	0.8
DV	NYCS	WBDR AZ-29	103875.8363	0.0178	0.2
DV	EBDR AZ-13 OLD	EBDR AZ-16 NEW	12994.6332	0.0358	2.8
DV	EBDR AZ-13 OLD	EBDR AZ-16 NEW	12994.6332	0.0560	4.3
DV	EBDR AZ-15	EBDR AZ-16 NEW	913.2582	0.0034	3.7
DV	EBDR AZ-15	EBDR AZ-16 NEW	913.2582	0.0232	25.4
DV	ASH AZ-1	ASH AZ-2	642.1318	0.0119	18.5
DV	ASH AZ-1	ASH AZ-2	642.1318	0.0291	45.3
DV	WBDR AZ-20	D309 RESET 1995	1042.5186	0.0541	51.9
DV	WBDR AZ-20	D309 RESET 1995	1042.5186	0.0564	54.1
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0236	46.1
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0661	129.4
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0207	40.6
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9001	0.0209	1.6
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9001	0.1004	7.8
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9001	0.0855	6.6
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0180	6.1
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0298	10.1
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0817	27.8
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0281	9.4
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0972	32.4
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0459	15.3
DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0191	23.6
DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0435	53.8
DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0588	72.7
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0176	8.3
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0367	17.3
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0320	15.0
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2710	0.0372	16.9
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2710	0.0803	36.4
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2710	0.0527	23.8

External Reliability

Station		Ext Rel [fts]		Station	Target
ANDES	Latitude	-0.0035	DZ	ANDES	EBDR AZ-1
	Longitude	-0.0036	DX	ANDES	EBDR AZ-1
	Height	0.0049	DX	MARGARETVILLE	EBDR AZ-17
ASH AZ 11 NEW	Latitude	-0.0476	DZ	SHANDAKEN	ASH AZ-11 OLD
	Longitude	-0.0345	DX	SHANDAKEN	ASH AZ-11 OLD
	Height	-0.0454	DZ	SHANDAKEN	ASH AZ-11 OLD
ASH AZ 6 NEW	Latitude	0.0856	DY	ASH AZ-5 NEW	ASH AZ 6 NEW
	Longitude	0.0817	DX	ASH AZ-5 NEW	ASH AZ 6 NEW
	Height	-0.0989	DY	ASH AZ-5 NEW	ASH AZ 6 NEW
ASH AZ-1	Latitude	0.0233	DZ	NYKT	ASH AZ-1
	Longitude	0.0254	DX	NYKT	ASH AZ-1
	Height	-0.0251	DY	NYKT	ASH AZ-1
ASH AZ-10	Latitude	0.0511	DZ	NYKT	ASH AZ-10
	Longitude	0.0429	DX	NYKT	ASH AZ-10
	Height	-0.0507	DY	NYKT	ASH AZ-10
ASH AZ-11 OLD	Latitude	0.0165	DY	BOICEVILLE	ASH AZ-11 OLD
	Longitude	0.0129	DX	BOICEVILLE	ASH AZ-11 OLD

	Height	-0.0269	DY	BOICEVILLE	ASH AZ-11 OLD
ASH AZ-12 NEW	Latitude	-0.0360	DZ	SHANDAKEN	ASH AZ-11 OLD
	Longitude	-0.0222	DX	SHANDAKEN	ASH AZ-11 OLD
	Height	-0.0362	DZ	SHANDAKEN	ASH AZ-11 OLD
ASH AZ-12 OLD	Latitude	0.0131	DY	BOICEVILLE	ASH AZ-12 OLD
	Longitude	0.0099	DX	BOICEVILLE	ASH AZ-12 OLD
	Height	-0.0186	DY	BOICEVILLE	ASH AZ-12 OLD
ASH AZ-13	Latitude	0.0151	DZ	BOICEVILLE	ASH AZ-13
	Longitude	0.0121	DX	BOICEVILLE	ASH AZ-13
	Height	0.0130	DZ	BOICEVILLE	ASH AZ-13
ASH AZ-14	Latitude	0.0205	DZ	ASH AZ-13	ASH AZ-14
	Longitude	0.0170	DX	ASH AZ-13	ASH AZ-14
	Height	-0.0208	DY	ASH AZ-13	ASH AZ-14
ASH AZ-15	Latitude	0.0123	DY	ASH AZ-16	ASH AZ-15
	Longitude	0.0123	DX	ASH AZ-16	ASH AZ-15
	Height	-0.0143	DY	ASH AZ-16	ASH AZ-15
ASH AZ-16	Latitude	0.0112	DY	BOICEVILLE	ASH AZ-16
	Longitude	0.0111	DX	BOICEVILLE	ASH AZ-16
	Height	-0.0133	DY	BOICEVILLE	ASH AZ-16
ASH AZ-17	Latitude	0.0162	DZ	ASH AZ-18	ASH AZ-17
	Longitude	0.0144	DX	ASH AZ-18	ASH AZ-17
	Height	0.0165	DZ	ASH AZ-18	ASH AZ-17
ASH AZ-18	Latitude	0.0115	DZ	BOICEVILLE	ASH AZ-18
	Longitude	0.0102	DX	BOICEVILLE	ASH AZ-18
	Height	-0.0120	DY	BOICEVILLE	ASH AZ-18
ASH AZ-19	Latitude	0.0097	DY	BOICEVILLE	ASH AZ-19
	Longitude	-0.0061	DX	ASH AZ-19	ASH AZ-20
	Height	0.0120	DY	ASH AZ-19	ASH AZ-20
ASH AZ-2	Latitude	0.0219	DZ	NYKT	ASH AZ-1
	Longitude	0.0239	DX	NYKT	ASH AZ-1
	Height	-0.0301	DY	ASH AZ-1	ASH AZ-2
ASH AZ-20	Latitude	0.0110	DY	ASH AZ-19	ASH AZ-20
	Longitude	0.0067	DX	ASH AZ-19	ASH AZ-20
	Height	-0.0123	DY	ASH AZ-19	ASH AZ-20
ASH AZ-21 OLD	Latitude	0.0072	DZ	BOICEVILLE	ASH AZ-21 OLD
	Longitude	0.0066	DX	BOICEVILLE	ASH AZ-21 OLD
	Height	-0.0089	DY	BOICEVILLE	ASH AZ-21 OLD
ASH AZ-22 OLD	Latitude	0.0070	DZ	BOICEVILLE	ASH AZ-22 OLD
	Longitude	0.0060	DX	BOICEVILLE	ASH AZ-22 OLD
	Height	-0.0083	DY	BOICEVILLE	ASH AZ-22 OLD
ASH AZ-23	Latitude	0.0293	DZ	BOICEVILLE	ASH AZ-23
	Longitude	0.0228	DX	BOICEVILLE	ASH AZ-23
	Height	-0.0288	DY	BOICEVILLE	ASH AZ-23
ASH AZ-24	Latitude	0.0386	DZ	BOICEVILLE	ASH AZ-24
	Longitude	0.0298	DX	BOICEVILLE	ASH AZ-24
	Height	-0.0372	DY	BOICEVILLE	ASH AZ-24
ASH AZ-25 NEW	Latitude	0.0091	DZ	ASH AZ-25 OLD	ASH AZ-25 NEW
	Longitude	0.0079	DX	ASH AZ-25 OLD	ASH AZ-25 NEW
	Height	0.0100	DZ	ASH AZ-25 OLD	ASH AZ-25 NEW
ASH AZ-25 OLD	Latitude	0.0063	DZ	BOICEVILLE	ASH AZ-25 OLD
	Longitude	0.0045	DX	BOICEVILLE	ASH AZ-25 OLD

	Height	0.0059	DZ	BOICEVILLE	ASH AZ-25 OLD
ASH AZ-26 NEW	Latitude	0.0076	DZ	ASH AZ-26 OLD	ASH AZ-26 NEW
	Longitude	0.0066	DX	ASH AZ-26 OLD	ASH AZ-26 NEW
	Height	0.0080	DZ	ASH AZ-26 OLD	ASH AZ-26 NEW
ASH AZ-26 OLD	Latitude	0.0063	DZ	BOICEVILLE	ASH AZ-26 OLD
	Longitude	0.0046	DX	BOICEVILLE	ASH AZ-26 OLD
	Height	0.0060	DZ	BOICEVILLE	ASH AZ-26 OLD
ASH AZ-27	Latitude	0.0078	DZ	BOICEVILLE	ASH AZ-27
	Longitude	0.0054	DX	BOICEVILLE	ASH AZ-27
	Height	0.0069	DZ	BOICEVILLE	ASH AZ-27
ASH AZ-28	Latitude	0.0077	DZ	BOICEVILLE	ASH AZ-28
	Longitude	0.0053	DX	BOICEVILLE	ASH AZ-28
	Height	0.0067	DZ	BOICEVILLE	ASH AZ-28
ASH AZ-29 NEW	Latitude	0.0512	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
	Longitude	0.0517	DX	ASH AZ-29 OLD	ASH AZ-29 NEW
	Height	-0.0574	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
ASH AZ-29 OLD	Latitude	0.0174	DY	BOICEVILLE	ASH AZ-29 OLD
	Longitude	0.0119	DX	BOICEVILLE	ASH AZ-29 OLD
	Height	-0.0233	DY	BOICEVILLE	ASH AZ-29 OLD
ASH AZ-3	Latitude	0.0161	DZ	FLEISCHMANNNS 2	ASH AZ-3
	Longitude	0.0153	DX	FLEISCHMANNNS 2	ASH AZ-3
	Height	0.0158	DZ	FLEISCHMANNNS 2	ASH AZ-3
ASH AZ-30 NEW	Latitude	0.0512	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
	Longitude	0.0517	DX	ASH AZ-29 OLD	ASH AZ-29 NEW
	Height	-0.0574	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
ASH AZ-30 OLD	Latitude	0.0141	DY	BOICEVILLE	ASH AZ-30 OLD
	Longitude	0.0094	DX	BOICEVILLE	ASH AZ-30 OLD
	Height	-0.0165	DY	BOICEVILLE	ASH AZ-30 OLD
ASH AZ-4	Latitude	0.0321	DZ	ASH AZ-3	ASH AZ-4
	Longitude	0.0267	DX	ASH AZ-3	ASH AZ-4
	Height	0.0319	DZ	ASH AZ-3	ASH AZ-4
ASH AZ-5 NEW	Latitude	0.0533	DY	ASH AZ-5 OLD	ASH AZ-5 NEW
	Longitude	0.0412	DX	ASH AZ-5 OLD	ASH AZ-5 NEW
	Height	-0.0557	DY	ASH AZ-5 OLD	ASH AZ-5 NEW
ASH AZ-5 OLD	Latitude	0.0108	DY	FLEISCHMANNNS 2	ASH AZ-5 OLD
	Longitude	0.0095	DX	FLEISCHMANNNS 2	ASH AZ-5 OLD
	Height	-0.0122	DY	FLEISCHMANNNS 2	ASH AZ-5 OLD
ASH AZ-6 OLD	Latitude	0.0141	DY	ASH AZ-5 OLD	ASH AZ-6 OLD
	Longitude	0.0117	DX	ASH AZ-5 OLD	ASH AZ-6 OLD
	Height	-0.0167	DY	ASH AZ-5 OLD	ASH AZ-6 OLD

ASH AZ-7	Latitude	0.0116	DY	FLEISCHMANN'S 2	ASH AZ-7
	Longitude	0.0077	DX	FLEISCHMANN'S 2	ASH AZ-7
	Height	0.0128	DY	ASH AZ-7	ASH AZ-8
ASH AZ-8	Latitude	0.0113	DY	ASH AZ-7	ASH AZ-8
	Longitude	0.0072	DX	FLEISCHMANN'S 2	ASH AZ-8
	Height	-0.0115	DY	FLEISCHMANN'S 2	ASH AZ-8
ASH AZ-9	Latitude	0.0494	DZ	NYKT	ASH AZ-10
	Longitude	0.0432	DX	ASH AZ-10	ASH AZ-9
	Height	-0.0571	DY	ASH AZ-10	ASH AZ-9
BOICEVILLE	Latitude	-0.0033	DZ	BOICEVILLE	EBDR AZ-13 OLD
	Longitude	0.0025	DX	FLEISCHMANN'S 2	ASH AZ-7
	Height	0.0044	DY	BOICEVILLE	ASH AZ-13
CLARYVILLE	Latitude	0.0055	DZ	NYKT	ROND AZ-7
	Longitude	-0.0048	DX	CLARYVILLE	NEV AZ-4
	Height	0.0092	DY	CLARYVILLE	ROND AZ-3
D309 RESET 1995	Latitude	0.0146	DZ	WBDR AZ-19 OLD	D309 RESET 1995
	Longitude	0.0168	DX	WBDR AZ-19 OLD	D309 RESET 1995
	Height	-0.0152	DY	WBDR AZ-19 OLD	D309 RESET 1995
DELHI	Latitude	-0.0042	DZ	DELHI	WBDR AZ-16 OLD
	Longitude	-0.0039	DX	DELHI	WBDR AZ-16 OLD
	Height	0.0072	DY	DELHI	WBDR AZ-16 OLD
EBDR AZ 7 NEW	Latitude	0.0487	DZ	EBDR AZ-8	EBDR AZ 7 NEW
	Longitude	0.0517	DX	EBDR AZ-8	EBDR AZ 7 NEW
	Height	-0.0504	DY	EBDR AZ-8	EBDR AZ 7 NEW
EBDR AZ-1	Latitude	-0.0060	DZ	EBDR AZ-1	EBDR AZ-2
	Longitude	-0.0058	DX	EBDR AZ-1	EBDR AZ-2
	Height	-0.0061	DY	MARGARETVILLE	EBDR AZ-1
EBDR AZ-10	Latitude	0.0097	DZ	MARGARETVILLE	EBDR AZ-10
	Longitude	0.0070	DX	MARGARETVILLE	EBDR AZ-10
	Height	0.0089	DZ	MARGARETVILLE	EBDR AZ-10
EBDR AZ-11	Latitude	0.0177	DZ	MARGARETVILLE	EBDR AZ-11
	Longitude	0.0166	DX	MARGARETVILLE	EBDR AZ-11
	Height	-0.0187	DY	MARGARETVILLE	EBDR AZ-11
EBDR AZ-12	Latitude	0.0155	DZ	MARGARETVILLE	EBDR AZ-12
	Longitude	0.0143	DX	MARGARETVILLE	EBDR AZ-12
	Height	-0.0166	DY	MARGARETVILLE	EBDR AZ-12
EBDR AZ-13 NEW	Latitude	-0.0114	DZ	EBDR AZ-13 NEW	EBDR AZ-14 NEW
	Longitude	-0.0101	DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW EBDR AZ-14

	Height	0.0142	DY	EBDR AZ-13 NEW	NEW
EBDR AZ-13 OLD	Latitude	0.0092	DZ	MARGARETVILLE	EBDR AZ-13 OLD
	Longitude	0.0093	DX	MARGARETVILLE	EBDR AZ-13 OLD
	Height	-0.0096	DY	MARGARETVILLE	EBDR AZ-13 OLD
EBDR AZ-14 NEW	Latitude	0.0093	DZ	EBDR AZ-13 OLD	EBDR AZ-14 NEW
	Longitude	0.0071	DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW
	Height	0.0105	DZ	EBDR AZ-13 OLD	EBDR AZ-14 NEW
EBDR AZ-14 OLD	Latitude	0.0081	DZ	MARGARETVILLE	EBDR AZ-14 OLD
	Longitude	0.0081	DX	MARGARETVILLE	EBDR AZ-14 OLD
	Height	-0.0088	DY	MARGARETVILLE	EBDR AZ-14 OLD
EBDR AZ-15	Latitude	0.0069	DZ	MARGARETVILLE	EBDR AZ-15
	Longitude	0.0066	DX	MARGARETVILLE	EBDR AZ-15
	Height	0.0072	DZ	MARGARETVILLE	EBDR AZ-15
EBDR AZ-16 NEW	Latitude	0.0144	DY	EBDR AZ-15	EBDR AZ-16 NEW
	Longitude	0.0109	DX	EBDR AZ-15	EBDR AZ-16 NEW
	Height	0.0199	DZ	EBDR AZ-15	EBDR AZ-16 NEW
EBDR AZ-16 OLD	Latitude	0.0114	DZ	EBDR AZ-15	EBDR AZ-16 OLD
	Longitude	0.0109	DX	EBDR AZ-15	EBDR AZ-16 OLD
	Height	-0.0100	DY	MARGARETVILLE	EBDR AZ-16 OLD
EBDR AZ-17	Latitude	0.0107	DZ	MARGARETVILLE	EBDR AZ-17
	Longitude	0.0175	DX	EBDR AZ-18	EBDR AZ-17
	Height	0.0126	DZ	MARGARETVILLE	EBDR AZ-17
EBDR AZ-18	Latitude	0.0104	DZ	MARGARETVILLE	EBDR AZ-18
	Longitude	0.0125	DX	MARGARETVILLE	EBDR AZ-18
	Height	-0.0171	DX	EBDR AZ-18	EBDR AZ-17
EBDR AZ-19	Latitude	0.0165	DY	FLEISCHMANNSS 2	EBDR AZ-19
	Longitude	0.0107	DX	FLEISCHMANNSS 2	EBDR AZ-19
	Height	-0.0190	DY	FLEISCHMANNSS 2	EBDR AZ-19
EBDR AZ-2	Latitude	0.0093	DZ	EBDR AZ-1	EBDR AZ-2
	Longitude	0.0087	DX	EBDR AZ-1	EBDR AZ-2
	Height	0.0085	DZ	EBDR AZ-1	EBDR AZ-2
EBDR AZ-20	Latitude	0.0127	DY	FLEISCHMANNSS 2	EBDR AZ-20
	Longitude	0.0083	DX	FLEISCHMANNSS 2	EBDR AZ-20
	Height	-0.0144	DY	FLEISCHMANNSS 2	EBDR AZ-20
EBDR AZ-21	Latitude	0.0159	DY	FLEISCHMANNSS	EBDR AZ-21

	Longitude	0.0143	DX	2	
	Height	-0.0187	DY	EBDR AZ-22	EBDR AZ-21
EBDR AZ-22	Latitude	-0.0137	DY	FLEISCHMANNSS	EBDR AZ-21
	Longitude	0.0104	DX	2	
	Height	0.0172	DY	EBDR AZ-22	EBDR AZ-21
EBDR AZ-23	Latitude	0.0110	DY	FLEISCHMANNSS	EBDR AZ-22
	Longitude	0.0096	DX	2	
	Height	-0.0124	DY	EBDR AZ-22	EBDR AZ-21
EBDR AZ-24	Latitude	0.0110	DY	MARGARETVILLE	EBDR AZ-23
	Longitude	0.0093	DX	MARGARETVILLE	EBDR AZ-23
	Height	-0.0118	DY	MARGARETVILLE	EBDR AZ-23
EBDR AZ-25 NEW	Latitude	0.0197	DZ	FLEISCHMANNSS	EBDR AZ-24
	Longitude	0.0157	DX	2	
	Height	-0.0208	DY	FLEISCHMANNSS	EBDR AZ-24
EBDR AZ-25 OLD	Latitude	0.0097	DZ	2	
	Longitude	0.0078	DX	EBDR AZ-26	EBDR AZ-25 NEW
	Height	-0.0123	DY	EBDR AZ-26	EBDR AZ-25 NEW
EBDR AZ-26	Latitude	0.0092	DZ	EBDR AZ-26	EBDR AZ-25 NEW
	Longitude	0.0069	DX	MARGARETVILLE	EBDR AZ-25 OLD
	Height	0.0091	DZ	MARGARETVILLE	EBDR AZ-25 OLD
EBDR AZ-27	Latitude	0.0173	DZ	MARGARETVILLE	EBDR AZ-25 OLD
	Longitude	0.0129	DX	MARGARETVILLE	EBDR AZ-26
	Height	0.0167	DZ	MARGARETVILLE	EBDR AZ-26
EBDR AZ-28	Latitude	0.0164	DZ	MARGARETVILLE	EBDR AZ-26
	Longitude	0.0123	DX	FLEISCHMANNSS	EBDR AZ-27
	Height	0.0162	DZ	2	
EBDR AZ-3	Latitude	0.0120	DZ	FLEISCHMANNSS	EBDR AZ-27
	Longitude	0.0111	DX	2	
	Height	0.0114	DZ	FLEISCHMANNSS	EBDR AZ-27
EBDR AZ-4	Latitude	0.0114	DZ	2	
	Longitude	0.0108	DX	FLEISCHMANNSS	EBDR AZ-28
	Height	-0.0134	DX	2	
EBDR AZ-5	Latitude	0.0110	DY	FLEISCHMANNSS	EBDR AZ-28
	Longitude	0.0077	DX	2	
	Height	-0.0126	DY	ANDES	EBDR AZ-3
EBDR AZ-6	Latitude	0.0119	DY	ANDES	EBDR AZ-3
	Longitude	0.0078	DX	ANDES	EBDR AZ-3
	Height	-0.0137	DY	ANDES	EBDR AZ-4
				EBDR AZ-4	EBDR AZ-4
				EBDR AZ-4	EBDR AZ-4
				EBDR AZ-4	EBDR AZ-17
				MARGARETVILLE	EBDR AZ-5
				MARGARETVILLE	EBDR AZ-5
				MARGARETVILLE	EBDR AZ-5
				EBDR AZ-5	EBDR AZ-6
				EBDR AZ-5	EBDR AZ-6
				EBDR AZ-5	EBDR AZ-6

EBDR AZ-7 OLD	Latitude	0.0107	DY	MARGARETVILLE	EBDR AZ-7 OLD
	Longitude	0.0110	DX	MARGARETVILLE	EBDR AZ-7 OLD
	Height	-0.0122	DY	MARGARETVILLE	EBDR AZ-7 OLD
EBDR AZ-8	Latitude	0.0113	DY	MARGARETVILLE	EBDR AZ-8
	Longitude	0.0110	DX	MARGARETVILLE	EBDR AZ-8
	Height	-0.0122	DY	MARGARETVILLE	EBDR AZ-8
EBDR AZ-9	Latitude	0.0094	DZ	MARGARETVILLE	EBDR AZ-9
	Longitude	0.0068	DX	MARGARETVILLE	EBDR AZ-9
	Height	0.0085	DZ	MARGARETVILLE	EBDR AZ-9
FLEISCHMANNSS 2	Latitude	-0.0018	DY	FLEISCHMANNSS 2	EBDR AZ-18
	Longitude	-0.0020	DX	FLEISCHMANNSS 2	EBDR AZ-9
	Height	0.0024	DY	FLEISCHMANNSS 2	EBDR AZ-18
MARGARETVILLE	Latitude	0.0000	DZ	MARGARETVILLE	WBDR AZ-24
	Longitude	0.0000	DX	FLEISCHMANNSS 2	EBDR AZ-10
	Height	0.0000	DY	WBDR AZ-24	WBDR AZ-23
NEV AZ-1	Latitude	0.0193	DY	CLARYVILLE	NEV AZ-1
	Longitude	0.0159	DX	CLARYVILLE	NEV AZ-1
	Height	0.0243	DY	NEV AZ-1	NEV AZ-2
NEV AZ-2	Latitude	0.0161	DZ	NEV AZ-1	NEV AZ-2
	Longitude	0.0186	DX	NEV AZ-1	NEV AZ-2
	Height	0.0201	DZ	NEV AZ-1	NEV AZ-2
NEV AZ-3	Latitude	0.0098	DY	CLARYVILLE	NEV AZ-3
	Longitude	0.0082	DX	CLARYVILLE	NEV AZ-3
	Height	-0.0146	DY	CLARYVILLE	NEV AZ-3
NEV AZ-4	Latitude	0.0105	DZ	CLARYVILLE	NEV AZ-4
	Longitude	0.0086	DX	CLARYVILLE	NEV AZ-4
	Height	-0.0133	DY	CLARYVILLE	NEV AZ-4
NYCS	Latitude	-0.0055	DZ	NYCS	WBDR AZ-15
	Longitude	-0.0048	DX	NYCS	WBDR AZ-15
	Height	0.0093	DY	NYCS	WBDR AZ-15
NYHC	Latitude	-0.0051	DZ	NYHC	EBDR AZ-1
	Longitude	-0.0049	DX	NYHC	EBDR AZ-1
	Height	-0.0065	DZ	NYHC	EBDR AZ-1
NYHS	Latitude	-0.0082	DZ	NYHS	ASH AZ-20
	Longitude	-0.0067	DX	NYHS	ASH AZ-20
	Height	0.0093	DY	NYHS	ASH AZ-25 OLD
NYKT	Latitude	-0.0037	DZ	NYKT	EBDR AZ-28
	Longitude	-0.0029	DX	NYKT	EBDR AZ-24
	Height	-0.0052	DZ	NYKT	EBDR AZ-24
NYON	Latitude	-0.0035	DY	NYON	EBDR AZ-17
	Longitude	-0.0039	DX	NYON	EBDR AZ-5
	Height	-0.0070	DX	NYON	EBDR AZ-17
NYS DOT 8-U-047	Latitude	0.0107	DZ	ASH AZ-22 OLD	NYS DOT 8-U-047
	Longitude	0.0131	DX	ASH AZ-21 OLD	NYS DOT 8-U-047
	Height	-0.0113	DY	ASH AZ-21 OLD	NYS DOT 8-U-047
PHOENICIA	Latitude	-0.0047	DZ	PHOENICIA	ASH AZ-22 OLD
	Longitude	-0.0038	DX	PHOENICIA	ASH AZ-26 OLD

ROND AZ-1	Height	0.0065	DY	PHOENICIA	ASH AZ-26 OLD
	Latitude	0.0112	DZ	ROND AZ-2	ROND AZ-1
	Longitude	0.0095	DX	ROND AZ-2	ROND AZ-1
ROND AZ-2	Height	-0.0108	DY	ROND AZ-2	ROND AZ-1
	Latitude	-0.0120	DZ	ROND AZ-2	ROND AZ-1
	Longitude	-0.0099	DX	ROND AZ-2	ROND AZ-1
ROND AZ-3	Height	-0.0115	DY	NYKT	ROND AZ-2
	Latitude	-0.0106	DZ	ROND AZ-3	ROND AZ-4
	Longitude	-0.0090	DX	ROND AZ-3	ROND AZ-4
ROND AZ-4	Height	0.0109	DZ	CLARYVILLE	ROND AZ-3
	Latitude	0.0100	DZ	ROND AZ-3	ROND AZ-4
	Longitude	0.0087	DX	ROND AZ-3	ROND AZ-4
ROND AZ-5	Height	0.0090	DZ	ROND AZ-3	ROND AZ-4
	Latitude	0.0084	DY	SUNDOWN	ROND AZ-5
	Longitude	0.0074	DX	ROND AZ-6	ROND AZ-5
ROND AZ-6	Height	-0.0107	DY	SUNDOWN	ROND AZ-5
	Latitude	0.0078	DY	SUNDOWN	ROND AZ-6
	Longitude	0.0067	DX	SUNDOWN	ROND AZ-6
ROND AZ-7	Height	-0.0112	DY	SUNDOWN	ROND AZ-6
	Latitude	0.0090	DZ	NYKT	ROND AZ-7
	Longitude	0.0088	DX	SUNDOWN	ROND AZ-7
ROND AZ-8	Height	-0.0118	DY	NYKT	ROND AZ-7
	Latitude	0.0090	DZ	SUNDOWN	ROND AZ-8
	Longitude	0.0095	DX	SUNDOWN	ROND AZ-8
SHANDAKEN	Height	0.0097	DZ	NYKT	ROND AZ-8
	Latitude	-0.0553	DZ	SHANDAKEN	ASH AZ-11 OLD
	Longitude	-0.0454	DX	SHANDAKEN	ASH AZ-11 OLD
SOUTH KORTRIGHT	Height	0.0486	DY	SHANDAKEN	ASH AZ-11 OLD
	Latitude	-0.0102	DZ	SOUTH KORTRIGHT	WBDR AZ-28
	Longitude	-0.0062	DX	SOUTH KORTRIGHT	WBDR AZ-28
SUNDOWN	Height	-0.0098	DZ	SOUTH KORTRIGHT	WBDR AZ-28
	Latitude	0.0063	DZ	NYKT	ROND AZ-7
	Longitude	0.0052	DX	NYKT	ROND AZ-7
U279 RESET 1973	Height	-0.0091	DY	NYKT	ROND AZ-7
	Latitude	0.0123	DZ	ASH AZ-22 OLD	U279 RESET 1973
	Longitude	0.0138	DX	ASH AZ-21 OLD	U279 RESET 1973
WALTON	Height	-0.0161	DY	ASH AZ-22 OLD	U279 RESET 1973
	Latitude	0.0032	DZ	MARGARETVILLE	EBDR AZ-1
	Longitude	-0.0034	DX	NYON	EBDR AZ-5
WBDR AZ-1	Height	-0.0059	DX	NYON	EBDR AZ-17
	Latitude	0.0108	DZ	WALTON	WBDR AZ-1
	Longitude	0.0111	DX	WALTON	WBDR AZ-1
WBDR AZ-10	Height	-0.0115	DY	WALTON	WBDR AZ-1
	Latitude	0.0224	DY	WALTON	WBDR AZ-10
	Longitude	0.0211	DX	WALTON	WBDR AZ-10
WBDR AZ-11	Height	-0.0261	DY	WALTON	WBDR AZ-10
	Latitude	0.0237	DY	WBDR AZ-12	WBDR AZ-11
	Longitude	0.0176	DX	WBDR AZ-12	WBDR AZ-11

WBDR AZ-12	Height	-0.0257	DY	WBDR AZ-12	WBDR AZ-11
	Latitude	0.0126	DY	WALTON	WBDR AZ-12
	Longitude	0.0101	DX	WALTON	WBDR AZ-12
WBDR AZ-13	Height	-0.0136	DY	WALTON	WBDR AZ-12
	Latitude	0.0117	DZ	WBDR AZ-14	WBDR AZ-13
	Longitude	0.0127	DX	WBDR AZ-14	WBDR AZ-13
WBDR AZ-14	Height	-0.0126	DY	WBDR AZ-14	WBDR AZ-13
	Latitude	-0.0078	DZ	WBDR AZ-14	WBDR AZ-13
	Longitude	-0.0085	DX	WBDR AZ-14	WBDR AZ-13
WBDR AZ-15	Height	0.0081	DY	WBDR AZ-14	WBDR AZ-13
	Latitude	0.0071	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Longitude	0.0057	DX	WBDR AZ-16 OLD	WBDR AZ-15
WBDR AZ-16 NEW	Height	0.0067	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Latitude	0.0273	DZ	WBDR AZ-16 OLD	WBDR AZ-16 NEW
	Longitude	0.0242	DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW
WBDR AZ-16 OLD	Height	0.0254	DZ	WBDR AZ-16 OLD	WBDR AZ-16 NEW
	Latitude	-0.0097	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Longitude	-0.0082	DX	WBDR AZ-16 OLD	WBDR AZ-15
WBDR AZ-17	Height	-0.0084	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Latitude	0.0146	DZ	WBDR AZ-18	WBDR AZ-17
	Longitude	0.0167	DX	WBDR AZ-18	WBDR AZ-17
WBDR AZ-18	Height	-0.0153	DY	WBDR AZ-18	WBDR AZ-17
	Latitude	0.0117	DZ	ANDES	WBDR AZ-18
	Longitude	0.0133	DX	ANDES	WBDR AZ-18
WBDR AZ-19 OLD	Height	-0.0121	DY	ANDES	WBDR AZ-18
	Latitude	0.0118	DY	DELHI	WBDR AZ-19 OLD
	Longitude	0.0117	DX	DELHI	WBDR AZ-19 OLD
WBDR AZ-2	Height	-0.0133	DY	DELHI	WBDR AZ-19 OLD
	Latitude	0.0099	DZ	WALTON	WBDR AZ-2
	Longitude	0.0103	DX	WALTON	WBDR AZ-2
WBDR AZ-20	Height	-0.0103	DY	WALTON	WBDR AZ-2
	Latitude	0.0123	DY	DELHI	WBDR AZ-20
	Longitude	0.0121	DX	DELHI	WBDR AZ-20
WBDR AZ-21	Height	-0.0140	DY	DELHI	WBDR AZ-20
	Latitude	0.0097	DZ	DELHI	WBDR AZ-21
	Longitude	0.0078	DX	DELHI	WBDR AZ-21
WBDR AZ-22	Height	0.0099	DZ	DELHI	WBDR AZ-21
	Latitude	0.0091	DZ	DELHI	WBDR AZ-22
	Longitude	0.0073	DX	DELHI	WBDR AZ-22
WBDR AZ-23	Height	-0.0090	DY	DELHI	WBDR AZ-22
	Latitude	0.0113	DZ	WBDR AZ-24	WBDR AZ-23
	Longitude	0.0087	DX	WBDR AZ-24	WBDR AZ-23
WBDR AZ-24	Height	0.0092	DZ	WBDR AZ-24	WBDR AZ-23
	Latitude	-0.0115	DZ	WBDR AZ-24	WBDR AZ-23
	Longitude	-0.0100	DX	WBDR AZ-24	WBDR AZ-23
WBDR AZ-25	Height	0.0131	DY	WBDR AZ-24	WBDR AZ-23
	Latitude	0.0165	DZ	WBDR AZ-26	WBDR AZ-25
	Longitude	0.0165	DX	SOUTH	WBDR AZ-25

	Height	0.0292	DZ	KORTRIGHT	
				SOUTH	WBDR AZ-25
				KORTRIGHT	
WBDR AZ-26	Latitude	0.0126	DZ	NYON	WBDR AZ-26
	Longitude	-0.0114	DX	WBDR AZ-26	WBDR AZ-25
	Height	-0.0156	DZ	WBDR AZ-26	WBDR AZ-25
WBDR AZ-27	Latitude	-0.0307	DY	WBDR AZ-27	WBDR AZ-28
	Longitude	-0.0268	DX	WBDR AZ-27	WBDR AZ-28
	Height	0.0332	DY	WBDR AZ-27	WBDR AZ-28
WBDR AZ-28	Latitude	0.0123	DY	SOUTH	WBDR AZ-28
				KORTRIGHT	
	Longitude	0.0109	DX	SOUTH	WBDR AZ-28
				KORTRIGHT	
	Height	-0.0142	DY	SOUTH	WBDR AZ-28
				KORTRIGHT	
WBDR AZ-29	Latitude	-0.0122	DZ	WBDR AZ-29	WBDR AZ-30
	Longitude	-0.0097	DX	WBDR AZ-29	WBDR AZ-30
	Height	-0.0122	DZ	WBDR AZ-29	WBDR AZ-30
WBDR AZ-3	Latitude	0.0126	DZ	WBDR AZ-4	WBDR AZ-3
	Longitude	0.0098	DX	WBDR AZ-4	WBDR AZ-3
	Height	0.0119	DZ	WALTON	WBDR AZ-3
WBDR AZ-30	Latitude	0.0068	DZ	WBDR AZ-29	WBDR AZ-30
	Longitude	0.0047	DX	WBDR AZ-29	WBDR AZ-30
	Height	0.0070	DZ	NYON	WBDR AZ-30
WBDR AZ-4	Latitude	0.0108	DZ	WALTON	WBDR AZ-4
	Longitude	0.0083	DX	WALTON	WBDR AZ-4
	Height	0.0108	DZ	WALTON	WBDR AZ-4
WBDR AZ-5	Latitude	0.0151	DY	WALTON	WBDR AZ-5
	Longitude	0.0209	DX	WALTON	WBDR AZ-5
	Height	-0.0164	DY	WALTON	WBDR AZ-5
WBDR AZ-6	Latitude	0.0160	DY	WALTON	WBDR AZ-6
	Longitude	0.0213	DX	WALTON	WBDR AZ-6
	Height	-0.0186	DY	WALTON	WBDR AZ-6
WBDR AZ-7	Latitude	0.0125	DZ	WBDR AZ-8	WBDR AZ-7
	Longitude	0.0125	DX	WBDR AZ-8	WBDR AZ-7
	Height	-0.0117	DY	WBDR AZ-8	WBDR AZ-7
WBDR AZ-8	Latitude	0.0104	DZ	WALTON	WBDR AZ-8
	Longitude	0.0103	DX	WALTON	WBDR AZ-8
	Height	-0.0094	DY	WALTON	WBDR AZ-8
WBDR AZ-9	Latitude	0.0213	DY	WALTON	WBDR AZ-9
	Longitude	0.0197	DX	WALTON	WBDR AZ-9
	Height	-0.0264	DY	WALTON	WBDR AZ-9

Absolute Error Ellipses (2D - 39.4% 1D - 68.3%)

Station	A [fts]	B [fts]	A/B	Phi	Sd Hgt [fts]
ANDES	0.0050	0.0039	1.3	-21°	0.0093
ASH AZ 11 NEW	0.0166	0.0128	1.3	-19°	0.0391
ASH AZ 6 NEW	0.0271	0.0208	1.3	46°	0.0509
ASH AZ-1	0.0120	0.0099	1.2	48°	0.0298
ASH AZ-10	0.0220	0.0170	1.3	-23°	0.0490
ASH AZ-11 OLD	0.0108	0.0086	1.3	-4°	0.0280
ASH AZ-12 NEW	0.0192	0.0137	1.4	-19°	0.0424
ASH AZ-12 OLD	0.0097	0.0078	1.2	7°	0.0262

ASH AZ-13	0.0098	0.0071	1.4	-18°	0.0195
ASH AZ-14	0.0115	0.0084	1.4	-17°	0.0240
ASH AZ-15	0.0082	0.0073	1.1	-1°	0.0175
ASH AZ-16	0.0078	0.0069	1.1	-2°	0.0168
ASH AZ-17	0.0128	0.0067	1.9	-27°	0.0257
ASH AZ-18	0.0116	0.0063	1.8	-26°	0.0237
ASH AZ-19	0.0082	0.0052	1.6	19°	0.0165
ASH AZ-2	0.0134	0.0115	1.2	46°	0.0352
ASH AZ-20	0.0084	0.0053	1.6	19°	0.0167
ASH AZ-21 OLD	0.0089	0.0061	1.5	-9°	0.0178
ASH AZ-22 OLD	0.0083	0.0057	1.5	-7°	0.0167
ASH AZ-23	0.0152	0.0093	1.6	-18°	0.0281
ASH AZ-24	0.0159	0.0098	1.6	-19°	0.0298
ASH AZ-25 NEW	0.0088	0.0061	1.4	-18°	0.0167
ASH AZ-25 OLD	0.0074	0.0050	1.5	-14°	0.0140
ASH AZ-26 NEW	0.0091	0.0064	1.4	-18°	0.0175
ASH AZ-26 OLD	0.0075	0.0051	1.5	-14°	0.0141
ASH AZ-27	0.0075	0.0051	1.5	-13°	0.0144
ASH AZ-28	0.0074	0.0050	1.5	-14°	0.0142
ASH AZ-29 NEW	0.0207	0.0156	1.3	-16°	0.0580
ASH AZ-29 OLD	0.0096	0.0064	1.5	12°	0.0194
ASH AZ-3	0.0126	0.0077	1.6	-31°	0.0225
ASH AZ-30 NEW	0.0274	0.0193	1.4	-23°	0.0722
ASH AZ-30 OLD	0.0103	0.0069	1.5	15°	0.0222
ASH AZ-4	0.0152	0.0101	1.5	-29°	0.0280
ASH AZ-5 NEW	0.0154	0.0122	1.3	32°	0.0333
ASH AZ-5 OLD	0.0077	0.0054	1.4	-12°	0.0193
ASH AZ-6 OLD	0.0089	0.0062	1.4	-10°	0.0234
ASH AZ-7	0.0085	0.0054	1.6	27°	0.0189
ASH AZ-8	0.0086	0.0053	1.6	25°	0.0188
ASH AZ-9	0.0283	0.0200	1.4	-33°	0.0612
BOICEVILLE	0.0056	0.0044	1.3	-4°	0.0123
CLARYVILLE	0.0104	0.0073	1.4	-20°	0.0219
D309 RESET 1995	0.0156	0.0097	1.6	-30°	0.0283
DELHI	0.0069	0.0054	1.3	-17°	0.0137
EBDR AZ 7 NEW	0.0202	0.0135	1.5	-28°	0.0366
EBDR AZ-1	0.0056	0.0040	1.4	-27°	0.0099
EBDR AZ-10	0.0050	0.0026	1.9	-20°	0.0077
EBDR AZ-11	0.0077	0.0044	1.8	-21°	0.0172
EBDR AZ-12	0.0097	0.0055	1.8	-22°	0.0220
EBDR AZ-13 NEW	0.0092	0.0075	1.2	11°	0.0209
EBDR AZ-13 OLD	0.0044	0.0041	1.1	-39°	0.0097
EBDR AZ-14 NEW	0.0073	0.0064	1.1	4°	0.0164
EBDR AZ-14 OLD	0.0044	0.0043	1.0	-26°	0.0099
EBDR AZ-15	0.0055	0.0040	1.4	-26°	0.0100
EBDR AZ-16 NEW	0.0079	0.0065	1.2	-5°	0.0171
EBDR AZ-16 OLD	0.0071	0.0048	1.5	-29°	0.0120
EBDR AZ-17	0.0097	0.0055	1.8	-65°	0.0113
EBDR AZ-18	0.0066	0.0047	1.4	-35°	0.0107
EBDR AZ-19	0.0077	0.0049	1.6	9°	0.0143
EBDR AZ-2	0.0060	0.0043	1.4	-27°	0.0104
EBDR AZ-20	0.0085	0.0050	1.7	6°	0.0157
EBDR AZ-21	0.0094	0.0077	1.2	22°	0.0205

EBDR AZ-22	0.0090	0.0072	1.3	22°	0.0198
EBDR AZ-23	0.0065	0.0048	1.3	15°	0.0122
EBDR AZ-24	0.0061	0.0046	1.3	16°	0.0115
EBDR AZ-25 NEW	0.0117	0.0072	1.6	-14°	0.0206
EBDR AZ-25 OLD	0.0100	0.0054	1.9	-18°	0.0155
EBDR AZ-26	0.0070	0.0035	2.0	-20°	0.0109
EBDR AZ-27	0.0072	0.0053	1.3	17°	0.0180
EBDR AZ-28	0.0068	0.0051	1.3	20°	0.0173
EBDR AZ-3	0.0074	0.0055	1.4	-26°	0.0139
EBDR AZ-4	0.0078	0.0058	1.4	-28°	0.0146
EBDR AZ-5	0.0064	0.0039	1.7	15°	0.0114
EBDR AZ-6	0.0065	0.0039	1.7	15°	0.0116
EBDR AZ-7 OLD	0.0083	0.0074	1.1	-25°	0.0167
EBDR AZ-8	0.0065	0.0059	1.1	-4°	0.0132
EBDR AZ-9	0.0049	0.0026	1.9	-20°	0.0077
FLEISCHMANN'S					
2	0.0031	0.0023	1.4	-12°	0.0061
MARGARETVILLE	0.0000	0.0000	1.0	0°	0.0000
NEV AZ-1	0.0153	0.0099	1.5	-12°	0.0293
NEV AZ-2	0.0156	0.0104	1.5	-21°	0.0296
NEV AZ-3	0.0117	0.0079	1.5	-18°	0.0273
NEV AZ-4	0.0116	0.0077	1.5	-19°	0.0261
NYCS	0.0069	0.0055	1.3	-9°	0.0139
NYHC	0.0066	0.0052	1.3	-19°	0.0127
NYHS	0.0093	0.0067	1.4	-2°	0.0184
NYKT	0.0059	0.0046	1.3	-3°	0.0129
NYON	0.0052	0.0041	1.3	-14°	0.0097
NYS DOT 8-U-047	0.0124	0.0079	1.6	-24°	0.0257
PHOENICIA	0.0078	0.0053	1.5	-11°	0.0153
ROND AZ-1	0.0100	0.0073	1.4	-17°	0.0216
ROND AZ-2	0.0101	0.0073	1.4	-17°	0.0216
ROND AZ-3	0.0113	0.0082	1.4	-20°	0.0237
ROND AZ-4	0.0113	0.0082	1.4	-20°	0.0236
ROND AZ-5	0.0105	0.0072	1.4	-17°	0.0230
ROND AZ-6	0.0103	0.0072	1.4	-18°	0.0225
ROND AZ-7	0.0104	0.0072	1.4	-24°	0.0209
ROND AZ-8	0.0106	0.0073	1.5	-24°	0.0211
SHANDAKEN	0.0133	0.0103	1.3	-3°	0.0335
SOUTH					
KORTRIGHT	0.0081	0.0058	1.4	-11°	0.0146
SUNDOWN	0.0094	0.0067	1.4	-19°	0.0196
U279 RESET					
1973	0.0152	0.0091	1.7	-28°	0.0311
WALTON	0.0062	0.0050	1.2	-17°	0.0122
WBDR AZ-1	0.0074	0.0068	1.1	12°	0.0165
WBDR AZ-10	0.0153	0.0091	1.7	-22°	0.0351
WBDR AZ-11	0.0131	0.0095	1.4	24°	0.0294
WBDR AZ-12	0.0099	0.0077	1.3	20°	0.0219
WBDR AZ-13	0.0077	0.0060	1.3	-26°	0.0144
WBDR AZ-14	0.0075	0.0058	1.3	-25°	0.0140
WBDR AZ-15	0.0072	0.0055	1.3	-19°	0.0136
WBDR AZ-16					
NEW	0.0155	0.0109	1.4	-35°	0.0312
WBDR AZ-16 OLD	0.0075	0.0056	1.3	-19°	0.0140

WBDR AZ-17	0.0088	0.0071	1.2	-35°	0.0174
WBDR AZ-18	0.0084	0.0068	1.2	-34°	0.0166
WBDR AZ-19 OLD	0.0098	0.0064	1.5	-22°	0.0200
WBDR AZ-2	0.0071	0.0064	1.1	5°	0.0155
WBDR AZ-20	0.0097	0.0064	1.5	-22°	0.0198
WBDR AZ-21	0.0073	0.0058	1.2	-12°	0.0153
WBDR AZ-22	0.0075	0.0060	1.2	-12°	0.0159
WBDR AZ-23	0.0068	0.0054	1.3	-10°	0.0144
WBDR AZ-24	0.0068	0.0055	1.2	-9°	0.0149
WBDR AZ-25	0.0085	0.0070	1.2	0°	0.0187
WBDR AZ-26	0.0082	0.0071	1.2	17°	0.0190
WBDR AZ-27	0.0098	0.0077	1.3	9°	0.0187
WBDR AZ-28	0.0085	0.0067	1.3	4°	0.0163
WBDR AZ-29	0.0085	0.0057	1.5	-15°	0.0145
WBDR AZ-3	0.0079	0.0065	1.2	-4°	0.0177
WBDR AZ-30	0.0078	0.0053	1.5	-14°	0.0135
WBDR AZ-4	0.0072	0.0059	1.2	-6°	0.0159
WBDR AZ-5	0.0111	0.0082	1.4	-45°	0.0205
WBDR AZ-6	0.0098	0.0078	1.3	-38°	0.0185
WBDR AZ-7	0.0092	0.0066	1.4	-29°	0.0161
WBDR AZ-8	0.0087	0.0063	1.4	-27°	0.0155
WBDR AZ-9	0.0100	0.0065	1.5	-21°	0.0217

Relative Error Ellipses (2D - 39.4%)

Station	Station	A [fts]	B [fts]	A/B	Psi	Sd Hgt [fts]
	U279					
NYS DOT 8-U-047	RESET	0.0149	0.0079	1.9	-59°	0.0313
	1973					
SHANDAKEN	ASH AZ-12 NEW	0.0156	0.0102	1.5	43°	0.0311
SHANDAKEN	ASH AZ-11 OLD	0.0078	0.0057	1.4	67°	0.0183
ASH AZ-7	ASH AZ-8	0.0085	0.0047	1.8	61°	0.0188
ASH AZ-7	ASH AZ-20	0.0093	0.0051	1.8	77°	0.0193
ASH AZ-7	ASH AZ-19	0.0089	0.0049	1.8	79°	0.0188
ASH AZ-7	ASH AZ-16	0.0096	0.0073	1.3	-79°	0.0211
ASH AZ-7	ASH AZ-15	0.0099	0.0076	1.3	-79°	0.0216
ASH AZ-21 OLD	ASH AZ-22 OLD	0.0067	0.0042	1.6	-49°	0.0133
EBDR AZ-25 OLD	EBDR AZ-26	0.0096	0.0055	1.8	50°	0.0158
ASH AZ-28	ASH AZ-21 OLD	0.0083	0.0049	1.7	-41°	0.0145
ASH AZ-29 OLD	ASH AZ-30 OLD	0.0073	0.0051	1.4	16°	0.0184
ASH AZ-29 OLD	ASH AZ-29 NEW	0.0191	0.0140	1.4	-80°	0.0554
ASH AZ-29 OLD	ASH AZ-21 OLD	0.0100	0.0064	1.6	-17°	0.0191

WBDR AZ-19 OLD	WBDR AZ-20	0.0076	0.0041	1.9	-17°	0.0153
EBDR AZ-19	EBDR AZ-6	0.0091	0.0055	1.6	-36°	0.0166
EBDR AZ-7 OLD	EBDR AZ-8	0.0084	0.0075	1.1	-63°	0.0170
EBDR AZ-7 OLD	EBDR AZ-21	0.0117	0.0105	1.1	-22°	0.0253
EBDR AZ-7 OLD	EBDR AZ 7 NEW	0.0200	0.0131	1.5	-69°	0.0362
NEV AZ-2	ROND AZ-8	0.0140	0.0088	1.6	15°	0.0250
EBDR AZ-16 OLD	EBDR AZ-2	0.0087	0.0060	1.5	70°	0.0148
ASH AZ-6 OLD	ASH AZ- 12 OLD	0.0102	0.0079	1.3	82°	0.0287
EBDR AZ-10	EBDR AZ-25 OLD	0.0105	0.0056	1.9	81°	0.0162
ASH AZ-8	ASH AZ- 20	0.0092	0.0050	1.9	77°	0.0187
NEV AZ-4	ROND AZ-5	0.0086	0.0052	1.7	-13°	0.0210
EBDR AZ-4	EBDR AZ-17	0.0115	0.0076	1.5	41°	0.0165
ROND AZ-1	ROND AZ-4	0.0083	0.0061	1.4	88°	0.0179
WBDR AZ-21	WBDR AZ-22	0.0043	0.0035	1.2	-39°	0.0104
ASH AZ-10	ASH AZ- 14	0.0227	0.0173	1.3	56°	0.0505
EBDR AZ-3	EBDR AZ-4	0.0078	0.0056	1.4	-40°	0.0151
EBDR AZ-3	EBDR AZ-17	0.0112	0.0074	1.5	41°	0.0160
ROND AZ-2	ROND AZ-4	0.0084	0.0061	1.4	87°	0.0178
ROND AZ-2	ROND AZ-1	0.0051	0.0038	1.3	48°	0.0113
ASH AZ-30 OLD	ASH AZ- 29 NEW	0.0194	0.0143	1.4	88°	0.0562
ASH AZ-25 OLD	ASH AZ- 28	0.0060	0.0030	2.0	-7°	0.0086
ASH AZ-25 OLD	ASH AZ- 26 OLD	0.0041	0.0023	1.8	0°	0.0063
ASH AZ-26 OLD	ASH AZ- 28	0.0061	0.0030	2.0	-6°	0.0088
WBDR AZ-26	WBDR AZ-25	0.0064	0.0053	1.2	-64°	0.0160
EBDR AZ-8	EBDR AZ 7 NEW	0.0196	0.0127	1.5	-68°	0.0352
WBDR AZ-9	WBDR AZ-10	0.0143	0.0079	1.8	-78°	0.0337
EBDR AZ-5	EBDR AZ-6	0.0058	0.0034	1.7	77°	0.0102

EBDR AZ-23	EBDR AZ-24	0.0065	0.0048	1.4	80°	0.0123
WBDR AZ-14	WBDR AZ-13	0.0040	0.0030	1.4	-3°	0.0073
ASH AZ-22 OLD	ASH AZ- 9	0.0286	0.0201	1.4	29°	0.0612
ASH AZ-22 OLD	ASH AZ- 30 OLD	0.0101	0.0064	1.6	-9°	0.0210
ASH AZ-22 OLD	ASH AZ- 29 OLD	0.0094	0.0059	1.6	-13°	0.0179
ASH AZ-22 OLD	ASH AZ- 28	0.0077	0.0045	1.7	-40°	0.0133
EBDR AZ-9	EBDR AZ-25 OLD	0.0105	0.0056	1.9	80°	0.0162
EBDR AZ-9	EBDR AZ-10	0.0050	0.0025	2.0	-68°	0.0077
WBDR AZ-8	WBDR AZ-7	0.0070	0.0046	1.5	-51°	0.0115
WBDR AZ-18	WBDR AZ-17	0.0070	0.0056	1.2	-86°	0.0139
ASH AZ-19	ASH AZ- 8	0.0089	0.0048	1.8	78°	0.0183
ASH AZ-19	ASH AZ- 20	0.0071	0.0038	1.9	9°	0.0130
ASH AZ-13	ASH AZ- 14	0.0110	0.0079	1.4	-87°	0.0225
ASH AZ-13	ASH AZ- 10	0.0221	0.0169	1.3	56°	0.0492
ASH AZ-18	ASH AZ- 6 OLD	0.0133	0.0078	1.7	44°	0.0308
ASH AZ-18	ASH AZ- 17	0.0124	0.0060	2.1	-65°	0.0243
WBDR AZ-16 OLD	WBDR AZ-15	0.0049	0.0034	1.4	14°	0.0089
EBDR AZ-12	EBDR AZ-11	0.0102	0.0057	1.8	64°	0.0230
ROND AZ-6	ROND AZ-5	0.0060	0.0038	1.6	-26°	0.0143
ROND AZ-6	NEV AZ- 4	0.0086	0.0052	1.7	-14°	0.0207
ANDES	WBDR AZ-8	0.0080	0.0057	1.4	56°	0.0143
ANDES	WBDR AZ-7	0.0085	0.0060	1.4	56°	0.0150
ANDES	WBDR AZ-6	0.0092	0.0073	1.3	47°	0.0175
ANDES	WBDR AZ-5	0.0106	0.0076	1.4	41°	0.0196
ANDES	WBDR AZ-4	0.0063	0.0052	1.2	-88°	0.0147
ANDES	WBDR AZ-3	0.0071	0.0059	1.2	-86°	0.0167
ANDES	WBDR AZ-29	0.0078	0.0051	1.5	-45°	0.0132
ANDES	WBDR AZ-28	0.0078	0.0060	1.3	-19°	0.0150

ANDES	WBDR AZ-27	0.0092	0.0071	1.3	-15°	0.0175
ANDES	WBDR AZ-26	0.0075	0.0064	1.2	3°	0.0180
ANDES	WBDR AZ-24	0.0060	0.0049	1.2	1°	0.0138
ANDES	WBDR AZ-23	0.0060	0.0048	1.3	1°	0.0133
ANDES	WBDR AZ-2	0.0062	0.0057	1.1	-61°	0.0142
ANDES	WBDR AZ-18	0.0076	0.0061	1.2	-43°	0.0153
ANDES	WBDR AZ-17	0.0080	0.0064	1.2	-45°	0.0160
ANDES	WBDR AZ-10	0.0149	0.0087	1.7	70°	0.0346
ANDES	WBDR AZ-1	0.0067	0.0060	1.1	-55°	0.0153
ANDES	EBDR AZ-8	0.0069	0.0062	1.1	60°	0.0139
ANDES	EBDR AZ-7 OLD	0.0086	0.0077	1.1	42°	0.0173
ANDES	EBDR AZ-4	0.0073	0.0054	1.3	80°	0.0143
ANDES	EBDR AZ-3	0.0068	0.0050	1.4	69°	0.0135
ANDES	EBDR AZ-22	0.0092	0.0073	1.2	-38°	0.0202
ANDES	EBDR AZ-21	0.0096	0.0079	1.2	-39°	0.0209
ANDES	EBDR AZ-2	0.0053	0.0037	1.4	-18°	0.0092
ANDES	EBDR AZ-18	0.0076	0.0057	1.3	65°	0.0127
ANDES	EBDR AZ-17	0.0101	0.0062	1.6	35°	0.0128
ANDES	EBDR AZ-15	0.0069	0.0051	1.3	65°	0.0125
ANDES	EBDR AZ-12	0.0108	0.0066	1.6	51°	0.0237
ANDES	EBDR AZ-1	0.0049	0.0034	1.4	-21°	0.0086
EBDR AZ-1	EBDR AZ-2	0.0045	0.0031	1.5	-73°	0.0075
EBDR AZ-1	EBDR AZ-15	0.0072	0.0051	1.4	71°	0.0127
WALTON	WBDR AZ-9	0.0083	0.0047	1.8	-75°	0.0187
WALTON	WBDR AZ-8	0.0072	0.0049	1.5	-46°	0.0122
WALTON	WBDR AZ-7	0.0077	0.0052	1.5	-47°	0.0130
WALTON	WBDR AZ-6	0.0083	0.0064	1.3	-13°	0.0153
WALTON	WBDR AZ-5	0.0098	0.0068	1.5	-18°	0.0177

WALTON	WBDR AZ-4	0.0051	0.0041	1.2	7°	0.0125
WALTON	WBDR AZ-3	0.0060	0.0049	1.2	29°	0.0147
WALTON	WBDR AZ-22	0.0060	0.0049	1.2	-64°	0.0136
WALTON	WBDR AZ-21	0.0058	0.0047	1.2	-65°	0.0129
WALTON	WBDR AZ-2	0.0052	0.0045	1.2	-18°	0.0120
WALTON	WBDR AZ-16 OLD	0.0058	0.0042	1.4	90°	0.0109
WALTON	WBDR AZ-15	0.0055	0.0041	1.4	89°	0.0105
WALTON	WBDR AZ-14	0.0057	0.0044	1.3	71°	0.0107
WALTON	WBDR AZ-13	0.0060	0.0045	1.3	72°	0.0111
WALTON	WBDR AZ-12	0.0089	0.0063	1.4	-6°	0.0199
WALTON	WBDR AZ-11	0.0122	0.0083	1.5	-7°	0.0278
WALTON	WBDR AZ-10	0.0142	0.0079	1.8	-75°	0.0334
WALTON	WBDR AZ-1	0.0058	0.0049	1.2	-19°	0.0131
DELHI	WBDR AZ-22	0.0043	0.0035	1.2	-59°	0.0103
DELHI	WBDR AZ-21	0.0039	0.0032	1.2	-58°	0.0093
DELHI	WBDR AZ-20	0.0074	0.0040	1.8	44°	0.0157
DELHI	WBDR AZ-19 OLD	0.0076	0.0040	1.9	86°	0.0160
DELHI	WBDR AZ-16 OLD	0.0058	0.0042	1.4	-51°	0.0109
DELHI	WBDR AZ-15	0.0057	0.0041	1.4	-49°	0.0108
DELHI	WBDR AZ-14	0.0063	0.0048	1.3	-59°	0.0120
DELHI	WBDR AZ-13	0.0066	0.0050	1.3	-61°	0.0124
DELHI	WBDR AZ-12	0.0091	0.0067	1.4	-59°	0.0205
DELHI	WBDR AZ-11	0.0124	0.0085	1.5	-54°	0.0282
WBDR AZ-6	WBDR AZ-5	0.0102	0.0070	1.4	-16°	0.0183
WBDR AZ-27	WBDR AZ-28	0.0064	0.0048	1.3	-53°	0.0118
EBDR AZ-18	EBDR AZ-17	0.0096	0.0054	1.8	45°	0.0111
NEV AZ-1	ROND AZ-8	0.0136	0.0083	1.6	26°	0.0248

NEV AZ-1	ROND AZ-7	0.0135	0.0083	1.6	24°	0.0247
NEV AZ-1	NEV AZ- 2	0.0137	0.0089	1.6	28°	0.0246
PHOENICIA	ROND AZ-8	0.0102	0.0063	1.6	-59°	0.0191
PHOENICIA	ROND AZ-7	0.0100	0.0063	1.6	-59°	0.0189
PHOENICIA	ROND AZ-6	0.0098	0.0062	1.6	-56°	0.0207
PHOENICIA	ROND AZ-4	0.0109	0.0073	1.5	-64°	0.0219
PHOENICIA	ROND AZ-2	0.0097	0.0065	1.5	-50°	0.0198
PHOENICIA	ROND AZ-1	0.0097	0.0065	1.5	-50°	0.0198
PHOENICIA	NEV AZ- 4	0.0111	0.0069	1.6	-70°	0.0245
PHOENICIA	NEV AZ- 3	0.0113	0.0071	1.6	-68°	0.0257
PHOENICIA	NEV AZ- 2	0.0153	0.0097	1.6	-71°	0.0281
PHOENICIA	NEV AZ- 1	0.0149	0.0093	1.6	-63°	0.0278
PHOENICIA	ASH AZ- 30 OLD	0.0096	0.0059	1.6	29°	0.0199
PHOENICIA	ASH AZ- 29 OLD	0.0089	0.0054	1.6	25°	0.0168
PHOENICIA	ASH AZ- 28	0.0069	0.0036	1.9	9°	0.0107
PHOENICIA	ASH AZ- 27	0.0068	0.0036	1.9	9°	0.0108
PHOENICIA	ASH AZ- 26 OLD	0.0068	0.0035	1.9	15°	0.0101
PHOENICIA	ASH AZ- 25 OLD	0.0068	0.0035	1.9	15°	0.0101
PHOENICIA	ASH AZ- 22 OLD	0.0074	0.0044	1.7	71°	0.0133
PHOENICIA	ASH AZ- 21 OLD	0.0081	0.0048	1.7	71°	0.0146
NEV AZ-3	ROND AZ-6	0.0090	0.0057	1.6	-14°	0.0228
NEV AZ-3	ROND AZ-5	0.0092	0.0057	1.6	-13°	0.0231
NEV AZ-3	NEV AZ- 4	0.0093	0.0056	1.7	86°	0.0235
ASH AZ-3	ASH AZ- 4	0.0135	0.0090	1.5	39°	0.0247
NYHC	WBDR AZ-9	0.0093	0.0058	1.6	-53°	0.0207
NYHC	WBDR AZ-8	0.0079	0.0055	1.4	-57°	0.0139
NYHC	WBDR AZ-7	0.0084	0.0058	1.5	-58°	0.0146
NYHC	WBDR AZ-6	0.0091	0.0072	1.3	-64°	0.0173
	WBDR					

NYHC	AZ-5	0.0105	0.0075	1.4	-71°	0.0194
NYHC	WBDR AZ-4	0.0061	0.0051	1.2	-31°	0.0144
NYHC	WBDR AZ-3	0.0070	0.0058	1.2	-29°	0.0165
NYHC	WBDR AZ-22	0.0061	0.0050	1.2	-51°	0.0138
NYHC	WBDR AZ-21	0.0059	0.0048	1.2	-52°	0.0132
NYHC	WBDR AZ-20	0.0087	0.0053	1.6	-64°	0.0182
NYHC	WBDR AZ-2	0.0061	0.0056	1.1	-3°	0.0140
NYHC	WBDR AZ-19 OLD	0.0088	0.0053	1.7	-64°	0.0184
NYHC	WBDR AZ-16 OLD	0.0062	0.0046	1.4	-63°	0.0119
NYHC	WBDR AZ-15	0.0060	0.0045	1.3	-63°	0.0116
NYHC	WBDR AZ-14	0.0063	0.0048	1.3	-73°	0.0119
NYHC	WBDR AZ-13	0.0066	0.0050	1.3	-72°	0.0124
NYHC	WBDR AZ-12	0.0091	0.0067	1.4	-6°	0.0204
NYHC	WBDR AZ-11	0.0125	0.0087	1.4	-5°	0.0283
NYHC	WBDR AZ-10	0.0148	0.0086	1.7	-53°	0.0344
NYHC	WBDR AZ-1	0.0066	0.0059	1.1	3°	0.0151
NYHC	EBDR AZ-3	0.0082	0.0062	1.3	-83°	0.0161
NYHC	EBDR AZ-2	0.0068	0.0051	1.3	-86°	0.0126
NYHC	EBDR AZ-1	0.0064	0.0048	1.3	-86°	0.0120
SOUTH KORTRIGHT	WBDR AZ-30	0.0072	0.0042	1.7	-64°	0.0111
SOUTH KORTRIGHT	WBDR AZ-28	0.0073	0.0055	1.3	-41°	0.0136
SOUTH KORTRIGHT	WBDR AZ-25	0.0076	0.0053	1.4	51°	0.0153
SOUTH KORTRIGHT	WBDR AZ-23	0.0076	0.0052	1.5	-84°	0.0139
FLEISCHMANN 2	EBDR AZ-9	0.0052	0.0029	1.8	77°	0.0085
FLEISCHMANN 2	EBDR AZ-8	0.0067	0.0061	1.1	89°	0.0136
FLEISCHMANN 2	EBDR AZ-7 OLD	0.0084	0.0075	1.1	71°	0.0170
FLEISCHMANN 2	EBDR AZ-6	0.0067	0.0041	1.6	-61°	0.0120
FLEISCHMANN	EBDR					

2	AZ-5	0.0066	0.0040	1.6	-61°	0.0118
FLEISCHMANNS	EBDR	0.0080	0.0060	1.3	53°	0.0152
2	AZ-4					
FLEISCHMANNS	EBDR	0.0065	0.0048	1.4	-77°	0.0168
2	AZ-28					
FLEISCHMANNS	EBDR	0.0068	0.0050	1.4	-82°	0.0175
2	AZ-27					
FLEISCHMANNS	EBDR	0.0071	0.0036	1.9	52°	0.0111
2	AZ-26					
FLEISCHMANNS	EBDR	0.0101	0.0054	1.8	55°	0.0156
2	AZ-25					
	OLD					
FLEISCHMANNS	EBDR	0.0059	0.0045	1.3	-23°	0.0113
2	AZ-24					
FLEISCHMANNS	EBDR	0.0064	0.0048	1.3	-27°	0.0120
2	AZ-23					
FLEISCHMANNS	EBDR	0.0090	0.0071	1.3	28°	0.0198
2	AZ-22					
FLEISCHMANNS	EBDR	0.0094	0.0076	1.2	29°	0.0203
2	AZ-21					
FLEISCHMANNS	EBDR	0.0085	0.0050	1.7	24°	0.0156
2	AZ-20					
FLEISCHMANNS	EBDR	0.0062	0.0045	1.4	63°	0.0111
2	AZ-2					
FLEISCHMANNS	EBDR	0.0076	0.0048	1.6	26°	0.0141
2	AZ-19					
FLEISCHMANNS	EBDR	0.0067	0.0048	1.4	2°	0.0113
2	AZ-18					
FLEISCHMANNS	EBDR	0.0072	0.0049	1.5	23°	0.0123
2	AZ-16					
	OLD					
FLEISCHMANNS	EBDR	0.0057	0.0041	1.4	30°	0.0104
2	AZ-15					
FLEISCHMANNS	EBDR	0.0047	0.0044	1.1	76°	0.0104
2	AZ-14					
	OLD					
FLEISCHMANNS	EBDR	0.0047	0.0043	1.1	65°	0.0103
2	AZ-13					
	OLD					
FLEISCHMANNS	EBDR	0.0099	0.0056	1.8	78°	0.0222
2	AZ-12					
FLEISCHMANNS	EBDR	0.0080	0.0046	1.7	79°	0.0176
2	AZ-11					
FLEISCHMANNS	EBDR	0.0053	0.0029	1.8	78°	0.0085
2	AZ-10					
FLEISCHMANNS	EBDR	0.0059	0.0043	1.4	64°	0.0106
2	AZ-1					
FLEISCHMANNS	ASH AZ-	0.0084	0.0050	1.7	-82°	0.0184
2	8					
FLEISCHMANNS	ASH AZ-	0.0083	0.0051	1.6	-79°	0.0185
2	7					
FLEISCHMANNS	ASH AZ-	0.0087	0.0060	1.4	55°	0.0230
2	6 OLD					
FLEISCHMANNS	ASH AZ-	0.0074	0.0052	1.4	54°	0.0189
2	5 OLD					
FLEISCHMANNS	ASH AZ-	0.0150	0.0099	1.5	25°	0.0276
2	4					

FLEISCHMANN'S	ASH AZ-2	3	0.0124	0.0075	1.6	23°	0.0221
FLEISCHMANN'S	ASH AZ-2	20	0.0082	0.0050	1.6	83°	0.0163
FLEISCHMANN'S	ASH AZ-2	19	0.0080	0.0050	1.6	84°	0.0160
FLEISCHMANN'S	ASH AZ-2	18	0.0115	0.0062	1.8	40°	0.0235
FLEISCHMANN'S	ASH AZ-2	17	0.0127	0.0066	1.9	39°	0.0256
FLEISCHMANN'S	ASH AZ-2	16	0.0077	0.0068	1.1	75°	0.0165
FLEISCHMANN'S	ASH AZ-2	15	0.0080	0.0072	1.1	76°	0.0172
FLEISCHMANN'S	ASH AZ-2	14	0.0114	0.0083	1.4	66°	0.0238
FLEISCHMANN'S	ASH AZ-2	13	0.0097	0.0070	1.4	65°	0.0193
FLEISCHMANN'S	ASH AZ-2	12 OLD	0.0095	0.0076	1.2	81°	0.0259
EBDR AZ-26	EBDR AZ-9		0.0076	0.0038	2.0	79°	0.0118
EBDR AZ-26	EBDR AZ-10		0.0076	0.0038	2.0	80°	0.0118
ASH AZ-27	ASH AZ-26 OLD		0.0063	0.0032	2.0	-6°	0.0092
ASH AZ-27	ASH AZ-25 OLD		0.0062	0.0031	2.0	-7°	0.0090
ASH AZ-27	ASH AZ-22 OLD		0.0076	0.0044	1.7	-38°	0.0132
ASH AZ-27	ASH AZ-21 OLD		0.0081	0.0048	1.7	-39°	0.0144
ASH AZ-5 OLD	ASH AZ-6 OLD		0.0080	0.0055	1.5	27°	0.0215
ASH AZ-5 OLD	ASH AZ-17		0.0137	0.0075	1.8	41°	0.0298
ASH AZ-5 OLD	ASH AZ-12 OLD		0.0095	0.0075	1.3	83°	0.0265
ASH AZ-5 OLD	ASH AZ-11 OLD		0.0107	0.0084	1.3	73°	0.0283
WBDR AZ-4	WBDR AZ-3		0.0060	0.0049	1.2	-23°	0.0148
ASH AZ-24	ASH AZ-23		0.0159	0.0094	1.7	53°	0.0288
NYON	WBDR AZ-9		0.0089	0.0053	1.7	-22°	0.0199
NYON	WBDR AZ-8		0.0075	0.0052	1.4	-31°	0.0132
NYON	WBDR AZ-7		0.0081	0.0055	1.5	-32°	0.0139
NYON	WBDR AZ-6		0.0088	0.0069	1.3	-50°	0.0167
NYON	WBDR AZ-5		0.0103	0.0073	1.4	-56°	0.0189
NYON	WBDR AZ-4		0.0057	0.0047	1.2	-2°	0.0136
	WBDR						

NYON	AZ-3	0.0066	0.0054	1.2	-1°	0.0158
NYON	WBDR AZ-28	0.0075	0.0057	1.3	88°	0.0142
NYON	WBDR AZ-26	0.0071	0.0059	1.2	-79°	0.0171
NYON	WBDR AZ-25	0.0073	0.0060	1.2	77°	0.0168
NYON	WBDR AZ-24	0.0055	0.0044	1.3	55°	0.0128
NYON	WBDR AZ-22	0.0059	0.0048	1.2	34°	0.0133
NYON	WBDR AZ-21	0.0056	0.0045	1.2	33°	0.0126
NYON	WBDR AZ-20	0.0085	0.0052	1.7	17°	0.0179
NYON	WBDR AZ-2	0.0057	0.0052	1.1	25°	0.0132
NYON	WBDR AZ-19 OLD	0.0086	0.0052	1.7	17°	0.0181
NYON	WBDR AZ-18	0.0080	0.0065	1.2	18°	0.0160
NYON	WBDR AZ-17	0.0084	0.0068	1.2	17°	0.0168
NYON	WBDR AZ-16 OLD	0.0059	0.0043	1.4	3°	0.0112
NYON	WBDR AZ-15	0.0056	0.0041	1.4	4°	0.0106
NYON	WBDR AZ-14	0.0059	0.0045	1.3	-11°	0.0110
NYON	WBDR AZ-13	0.0062	0.0047	1.3	-11°	0.0115
NYON	WBDR AZ-12	0.0090	0.0065	1.4	40°	0.0201
NYON	WBDR AZ-11	0.0124	0.0085	1.4	41°	0.0281
NYON	WBDR AZ-1	0.0063	0.0055	1.1	28°	0.0144
NYON	EBDR AZ-8	0.0072	0.0065	1.1	43°	0.0145
NYON	EBDR AZ-7 OLD	0.0088	0.0079	1.1	26°	0.0178
NYON	EBDR AZ-6	0.0076	0.0052	1.5	56°	0.0139
NYON	EBDR AZ-5	0.0075	0.0052	1.5	55°	0.0136
NYON	EBDR AZ-4	0.0078	0.0059	1.3	18°	0.0151
NYON	EBDR AZ-3	0.0073	0.0055	1.3	19°	0.0142
NYON	EBDR AZ-22	0.0092	0.0073	1.3	-88°	0.0202
NYON	EBDR AZ-21	0.0096	0.0079	1.2	-89°	0.0208
	EBDR					

NYON	AZ-2	0.0058	0.0042	1.4	15°	0.0103
NYON	EBDR AZ-17	0.0102	0.0064	1.6	-5°	0.0130
NYON	EBDR AZ-1	0.0054	0.0039	1.4	14°	0.0096
EBDR AZ-20	EBDR AZ-6	0.0094	0.0055	1.7	-38°	0.0172
EBDR AZ-20	EBDR AZ-5	0.0094	0.0055	1.7	-38°	0.0171
EBDR AZ-20	EBDR AZ-19	0.0097	0.0057	1.7	-76°	0.0180
ROND AZ-3	ROND AZ-4	0.0083	0.0059	1.4	71°	0.0167
ROND AZ-3	ROND AZ-2	0.0082	0.0060	1.4	87°	0.0173
ROND AZ-3	ROND AZ-1	0.0081	0.0059	1.4	88°	0.0173
ASH AZ-11 OLD	ASH AZ- 6 OLD	0.0114	0.0087	1.3	75°	0.0308
ASH AZ-11 OLD	ASH AZ- 12 OLD	0.0108	0.0088	1.2	88°	0.0296
ASH AZ-11 OLD	ASH AZ 11 NEW	0.0128	0.0092	1.4	53°	0.0273
NYHS	ASH AZ- 26 OLD	0.0092	0.0060	1.5	-70°	0.0159
NYHS	ASH AZ- 25 OLD	0.0092	0.0059	1.5	-70°	0.0159
NYHS	ASH AZ- 23	0.0161	0.0099	1.6	-76°	0.0291
NYHS	ASH AZ- 22 OLD	0.0097	0.0064	1.5	-68°	0.0179
NYHS	ASH AZ- 21 OLD	0.0103	0.0068	1.5	-70°	0.0191
NYHS	ASH AZ- 20	0.0098	0.0064	1.5	-53°	0.0184
NYHS	ASH AZ- 19	0.0097	0.0064	1.5	-54°	0.0183
NYHS	ASH AZ- 16	0.0096	0.0077	1.2	-73°	0.0189
NYHS	ASH AZ- 15	0.0099	0.0081	1.2	-73°	0.0195
NYHS	ASH AZ- 14	0.0128	0.0092	1.4	-85°	0.0258
NYHS	ASH AZ- 13	0.0114	0.0081	1.4	-85°	0.0219
NYCS	WBDR AZ-28	0.0076	0.0058	1.3	-15°	0.0146
NYCS	WBDR AZ-27	0.0091	0.0069	1.3	-12°	0.0171
NYCS	WBDR AZ-26	0.0074	0.0062	1.2	-2°	0.0177
NYCS	WBDR AZ-25	0.0075	0.0062	1.2	-23°	0.0173
NYCS	WBDR AZ-24	0.0061	0.0049	1.3	-40°	0.0139
NYCS	WBDR AZ-23	0.0060	0.0047	1.3	-41°	0.0133

NYCS	WBDR AZ-15	0.0071	0.0053	1.3	-53°	0.0138
NYCS	EBDR AZ-22	0.0099	0.0079	1.3	10°	0.0218
NYCS	EBDR AZ-21	0.0103	0.0085	1.2	9°	0.0224
NYKT	ROND AZ-8	0.0092	0.0058	1.6	73°	0.0173
NYKT	ROND AZ-7	0.0090	0.0057	1.6	74°	0.0171
NYKT	ROND AZ-6	0.0088	0.0057	1.5	83°	0.0190
NYKT	ROND AZ-5	0.0090	0.0058	1.5	83°	0.0196
NYKT	ROND AZ-4	0.0099	0.0069	1.4	77°	0.0203
NYKT	ROND AZ-2	0.0085	0.0060	1.4	77°	0.0178
NYKT	ROND AZ-1	0.0085	0.0059	1.4	77°	0.0179
NYKT	NEV AZ- 3	0.0104	0.0067	1.6	71°	0.0245
NYKT	EBDR AZ-28	0.0080	0.0061	1.3	75°	0.0198
NYKT	EBDR AZ-27	0.0083	0.0063	1.3	74°	0.0203
NYKT	EBDR AZ-25 OLD	0.0113	0.0068	1.7	45°	0.0194
NYKT	EBDR AZ-24	0.0078	0.0060	1.3	75°	0.0159
NYKT	ASH AZ- 8	0.0086	0.0052	1.6	80°	0.0185
NYKT	ASH AZ- 7	0.0086	0.0053	1.6	82°	0.0188
NYKT	ASH AZ- 5 OLD	0.0082	0.0058	1.4	49°	0.0201
NYKT	ASH AZ- 4	0.0154	0.0103	1.5	33°	0.0284
NYKT	ASH AZ- 30 OLD	0.0097	0.0061	1.6	-85°	0.0204
NYKT	ASH AZ- 3	0.0127	0.0079	1.6	31°	0.0229
NYKT	ASH AZ- 29 OLD	0.0090	0.0057	1.6	-89°	0.0174
NYKT	ASH AZ- 28	0.0066	0.0038	1.7	52°	0.0111
NYKT	ASH AZ- 27	0.0066	0.0040	1.7	53°	0.0114
NYKT	ASH AZ- 26 OLD	0.0067	0.0039	1.7	45°	0.0110
NYKT	ASH AZ- 25 OLD	0.0066	0.0039	1.7	45°	0.0109
NYKT	ASH AZ- 24	0.0157	0.0094	1.7	23°	0.0287
NYKT	ASH AZ- 23	0.0150	0.0089	1.7	23°	0.0270

NYKT	ASH AZ-22 OLD	0.0075	0.0048	1.6	38°	0.0140
NYKT	ASH AZ-21 OLD	0.0082	0.0052	1.6	35°	0.0154
NYKT	ASH AZ-20	0.0080	0.0048	1.7	77°	0.0151
NYKT	ASH AZ-2	0.0129	0.0108	1.2	-61°	0.0340
NYKT	ASH AZ-19	0.0078	0.0048	1.6	76°	0.0150
NYKT	ASH AZ-18	0.0115	0.0061	1.9	30°	0.0232
NYKT	ASH AZ-17	0.0128	0.0065	2.0	28°	0.0254
NYKT	ASH AZ-16	0.0075	0.0066	1.1	46°	0.0156
NYKT	ASH AZ-15	0.0079	0.0070	1.1	47°	0.0164
NYKT	ASH AZ-14	0.0114	0.0082	1.4	25°	0.0233
NYKT	ASH AZ-13	0.0096	0.0069	1.4	23°	0.0188
NYKT	ASH AZ-12 OLD	0.0097	0.0078	1.3	61°	0.0260
NYKT	ASH AZ-11 OLD	0.0107	0.0085	1.3	51°	0.0276
NYKT	ASH AZ-10	0.0216	0.0166	1.3	29°	0.0480
NYKT	ASH AZ-1	0.0115	0.0092	1.2	-58°	0.0285
WBDR AZ-12	WBDR AZ-11	0.0123	0.0081	1.5	45°	0.0278
EBDR AZ-13 OLD	EBDR AZ-15	0.0061	0.0051	1.2	-51°	0.0124
EBDR AZ-13 OLD	ASH AZ-1	0.0123	0.0103	1.2	-80°	0.0305
EBDR AZ-22	EBDR AZ-8	0.0104	0.0087	1.2	-13°	0.0225
EBDR AZ-22	EBDR AZ-7 OLD	0.0114	0.0100	1.1	-22°	0.0248
EBDR AZ-22	EBDR AZ-21	0.0095	0.0075	1.3	1°	0.0212
BOICEVILLE	EBDR AZ-28	0.0078	0.0060	1.3	69°	0.0196
BOICEVILLE	EBDR AZ-27	0.0081	0.0062	1.3	68°	0.0201
BOICEVILLE	EBDR AZ-14 OLD	0.0065	0.0057	1.1	57°	0.0147
BOICEVILLE	EBDR AZ-13 OLD	0.0064	0.0057	1.1	54°	0.0146
BOICEVILLE	ASH AZ-8	0.0084	0.0050	1.7	66°	0.0180
BOICEVILLE	ASH AZ-7	0.0083	0.0051	1.6	67°	0.0181

BOICEVILLE	ASH AZ-5 OLD	0.0079	0.0057	1.4	40°	0.0198
BOICEVILLE	ASH AZ-4	0.0153	0.0102	1.5	25°	0.0283
BOICEVILLE	ASH AZ-30 OLD	0.0090	0.0054	1.7	6°	0.0189
BOICEVILLE	ASH AZ-3	0.0127	0.0078	1.6	23°	0.0229
BOICEVILLE	ASH AZ-29 OLD	0.0081	0.0048	1.7	2°	0.0154
BOICEVILLE	ASH AZ-28	0.0054	0.0028	1.9	-8°	0.0083
BOICEVILLE	ASH AZ-27	0.0054	0.0029	1.9	-59°	0.0085
BOICEVILLE	ASH AZ-26 OLD	0.0056	0.0029	1.9	-6°	0.0081
BOICEVILLE	ASH AZ-25 OLD	0.0055	0.0028	1.9	-6°	0.0080
BOICEVILLE	ASH AZ-24	0.0151	0.0089	1.7	-62°	0.0275
BOICEVILLE	ASH AZ-23	0.0144	0.0084	1.7	-63°	0.0259
BOICEVILLE	ASH AZ-22 OLD	0.0067	0.0041	1.6	-34°	0.0122
BOICEVILLE	ASH AZ-21 OLD	0.0074	0.0046	1.6	-36°	0.0136
BOICEVILLE	ASH AZ-20	0.0074	0.0042	1.8	48°	0.0138
BOICEVILLE	ASH AZ-19	0.0073	0.0042	1.7	48°	0.0137
BOICEVILLE	ASH AZ-18	0.0113	0.0058	1.9	0°	0.0226
BOICEVILLE	ASH AZ-17	0.0125	0.0062	2.0	-3°	0.0248
BOICEVILLE	ASH AZ-16	0.0068	0.0062	1.1	9°	0.0141
BOICEVILLE	ASH AZ-15	0.0072	0.0066	1.1	12°	0.0150
BOICEVILLE	ASH AZ-14	0.0111	0.0079	1.4	-19°	0.0227
BOICEVILLE	ASH AZ-13	0.0093	0.0066	1.4	-22°	0.0180
BOICEVILLE	ASH AZ-12 OLD	0.0094	0.0075	1.2	42°	0.0255
BOICEVILLE	ASH AZ-11 OLD	0.0103	0.0083	1.2	31°	0.0270
BOICEVILLE	ASH AZ-1	0.0116	0.0095	1.2	-58°	0.0290
EBDR AZ-28	EBDR AZ-27	0.0076	0.0055	1.4	-67°	0.0197
EBDR AZ-15	EBDR AZ-2	0.0074	0.0053	1.4	71°	0.0131
EBDR AZ-15	EBDR AZ-16 OLD	0.0071	0.0048	1.5	-32°	0.0120
EBDR AZ-15	EBDR AZ-14	0.0080	0.0068	1.2	-38°	0.0174

EBDR AZ-15	NEW EBDR AZ-13	0.0097	0.0079	1.2	-32°	0.0217
SUNDOWN	NEW ROND AZ-8	0.0067	0.0038	1.8	-54°	0.0117
SUNDOWN	ROND AZ-7	0.0065	0.0038	1.7	-48°	0.0116
SUNDOWN	ROND AZ-6	0.0062	0.0039	1.6	-88°	0.0143
SUNDOWN	ROND AZ-5	0.0063	0.0040	1.6	89°	0.0148
SUNDOWN	ROND AZ-4	0.0080	0.0058	1.4	59°	0.0165
SUNDOWN	ROND AZ-3	0.0079	0.0056	1.4	60°	0.0160
SUNDOWN	ROND AZ-2	0.0067	0.0048	1.4	-67°	0.0142
SUNDOWN	ROND AZ-1	0.0066	0.0048	1.4	-66°	0.0142
SUNDOWN	NEV AZ- 4	0.0083	0.0050	1.7	3°	0.0196
SUNDOWN	NEV AZ- 3	0.0087	0.0055	1.6	3°	0.0215
SUNDOWN	NEV AZ- 2	0.0134	0.0085	1.6	12°	0.0240
SUNDOWN	NEV AZ- 1	0.0129	0.0079	1.6	24°	0.0236
ASH AZ-1	EBDR AZ-14	0.0123	0.0104	1.2	-80°	0.0305
ASH AZ-16	OLD ASH AZ- 15	0.0071	0.0066	1.1	-88°	0.0146
CLARYVILLE	ROND AZ-8	0.0087	0.0053	1.6	11°	0.0165
CLARYVILLE	ROND AZ-7	0.0085	0.0052	1.6	9°	0.0164
CLARYVILLE	ROND AZ-6	0.0073	0.0046	1.6	-5°	0.0164
CLARYVILLE	ROND AZ-5	0.0074	0.0047	1.6	-3°	0.0170
CLARYVILLE	ROND AZ-4	0.0087	0.0060	1.4	-31°	0.0179
CLARYVILLE	ROND AZ-3	0.0085	0.0058	1.4	-33°	0.0172
CLARYVILLE	ROND AZ-2	0.0080	0.0055	1.5	47°	0.0172
CLARYVILLE	ROND AZ-1	0.0080	0.0055	1.4	47°	0.0172
CLARYVILLE	NEV AZ- 4	0.0079	0.0048	1.7	-74°	0.0190
CLARYVILLE	NEV AZ- 3	0.0085	0.0053	1.6	-75°	0.0211
CLARYVILLE	NEV AZ- 2	0.0135	0.0087	1.6	-35°	0.0245
CLARYVILLE	NEV AZ- 1	0.0129	0.0078	1.6	2°	0.0237

WBDR AZ-24	WBDR AZ-23	0.0034	0.0028	1.2	-75°	0.0084
WBDR AZ-29	WBDR AZ-30	0.0065	0.0034	1.9	7°	0.0093
ROND AZ-7	ROND AZ-8	0.0070	0.0040	1.7	-71°	0.0123
ROND AZ-7	NEV AZ- 2	0.0139	0.0088	1.6	14°	0.0250
MARGARETVILLE	WBDR AZ-24	0.0068	0.0055	1.2	29°	0.0149
MARGARETVILLE	WBDR AZ-18	0.0084	0.0068	1.2	10°	0.0166
MARGARETVILLE	WBDR AZ-17	0.0088	0.0071	1.2	9°	0.0174
MARGARETVILLE	EBDR AZ-9	0.0049	0.0026	1.9	-62°	0.0077
MARGARETVILLE	EBDR AZ-8	0.0065	0.0059	1.1	85°	0.0132
MARGARETVILLE	EBDR AZ-7 OLD	0.0083	0.0074	1.1	66°	0.0167
MARGARETVILLE	EBDR AZ-6	0.0065	0.0039	1.7	-45°	0.0116
MARGARETVILLE	EBDR AZ-5	0.0064	0.0039	1.7	-43°	0.0114
MARGARETVILLE	EBDR AZ-4	0.0078	0.0058	1.4	41°	0.0146
MARGARETVILLE	EBDR AZ-3	0.0074	0.0055	1.4	44°	0.0139
MARGARETVILLE	EBDR AZ-28	0.0068	0.0051	1.3	-66°	0.0173
MARGARETVILLE	EBDR AZ-27	0.0072	0.0053	1.3	-68°	0.0180
MARGARETVILLE	EBDR AZ-26	0.0070	0.0035	2.0	80°	0.0109
MARGARETVILLE	EBDR AZ-25 OLD	0.0100	0.0054	1.9	81°	0.0155
MARGARETVILLE	EBDR AZ-24	0.0061	0.0046	1.3	86°	0.0115
MARGARETVILLE	EBDR AZ-23	0.0065	0.0048	1.3	86°	0.0122
MARGARETVILLE	EBDR AZ-22	0.0090	0.0072	1.3	-1°	0.0198
MARGARETVILLE	EBDR AZ-21	0.0094	0.0077	1.2	-1°	0.0205
MARGARETVILLE	EBDR AZ-20	0.0085	0.0050	1.7	-36°	0.0157
MARGARETVILLE	EBDR AZ-2	0.0060	0.0043	1.4	56°	0.0104
MARGARETVILLE	EBDR AZ-19	0.0077	0.0049	1.6	-33°	0.0143
MARGARETVILLE	EBDR AZ-18	0.0066	0.0047	1.4	-67°	0.0107
MARGARETVILLE	EBDR AZ-17	0.0097	0.0055	1.8	85°	0.0113
	EBDR					

MARGARETVILLE	AZ-16 OLD	0.0071	0.0048	1.5	-71°	0.0120
MARGARETVILLE	EBDR AZ-15	0.0055	0.0040	1.4	-70°	0.0100
MARGARETVILLE	EBDR AZ-14 OLD	0.0044	0.0043	1.0	78°	0.0099
MARGARETVILLE	EBDR AZ-13 OLD	0.0044	0.0041	1.1	72°	0.0097
MARGARETVILLE	EBDR AZ-12	0.0097	0.0055	1.8	60°	0.0220
MARGARETVILLE	EBDR AZ-11	0.0077	0.0044	1.8	62°	0.0172
MARGARETVILLE	EBDR AZ-10	0.0050	0.0026	1.9	-72°	0.0077
MARGARETVILLE	EBDR AZ-1	0.0056	0.0040	1.4	56°	0.0099
MARGARETVILLE	ASH AZ- 8	0.0086	0.0053	1.6	-73°	0.0188
MARGARETVILLE	ASH AZ- 7	0.0085	0.0054	1.6	-71°	0.0189
MARGARETVILLE	ASH AZ- 6 OLD	0.0089	0.0062	1.4	73°	0.0234
MARGARETVILLE	ASH AZ- 5 OLD	0.0077	0.0054	1.4	71°	0.0193
MARGARETVILLE	ASH AZ- 3	0.0126	0.0077	1.6	42°	0.0225
MARGARETVILLE	ASH AZ- 23	0.0152	0.0093	1.6	59°	0.0281
MARGARETVILLE	ASH AZ- 18	0.0116	0.0063	1.8	49°	0.0237
MARGARETVILLE	ASH AZ- 17	0.0128	0.0067	1.9	48°	0.0257
MARGARETVILLE	ASH AZ- 16	0.0078	0.0069	1.1	78°	0.0168
MARGARETVILLE	ASH AZ- 15	0.0082	0.0073	1.1	79°	0.0175
MARGARETVILLE	ASH AZ- 14	0.0115	0.0084	1.4	69°	0.0240
MARGARETVILLE	ASH AZ- 13	0.0098	0.0071	1.4	68°	0.0195
WBDR AZ-2	WBDR AZ-1	0.0061	0.0050	1.2	-24°	0.0138
ASH AZ-29 NEW	ASH AZ- 30 NEW	0.0180	0.0112	1.6	12°	0.0430
ASH AZ-12 NEW	ASH AZ 11 NEW	0.0165	0.0113	1.5	36°	0.0330
ASH AZ-5 NEW	ASH AZ 6 NEW	0.0224	0.0166	1.3	-66°	0.0385
EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0093	0.0078	1.2	-28°	0.0208
ASH AZ-25 NEW	ASH AZ- 26 NEW	0.0063	0.0045	1.4	-4°	0.0121
SHANDAKEN	ASH AZ 11 NEW	0.0113	0.0078	1.4	38°	0.0229









ASH AZ-21 OLD	U279 RESET 1973	0.0135	0.0072	1.9	-59°	0.0275
ASH AZ-21 OLD	NYSDOT 8-U-047	0.0101	0.0055	1.8	-85°	0.0208
EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0111	0.0073	1.5	52°	0.0207
EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0080	0.0067	1.2	-26°	0.0177
WBDR AZ-19 OLD	D309 RESET 1995	0.0130	0.0076	1.7	-32°	0.0219
ASH AZ-10	ASH AZ- 9	0.0191	0.0113	1.7	-31°	0.0395
ASH AZ-25 OLD	ASH AZ- 26 NEW	0.0059	0.0042	1.4	-2°	0.0113
ASH AZ-25 OLD	ASH AZ- 25 NEW	0.0055	0.0038	1.4	-46°	0.0101
ASH AZ-26 OLD	ASH AZ- 26 NEW	0.0058	0.0042	1.4	-2°	0.0112
ASH AZ-26 OLD	ASH AZ- 25 NEW	0.0055	0.0038	1.4	-8°	0.0101
ASH AZ-22 OLD	U279 RESET 1973	0.0135	0.0072	1.9	-49°	0.0275
ASH AZ-22 OLD	NYSDOT 8-U-047	0.0104	0.0057	1.8	-61°	0.0215
WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0140	0.0095	1.5	64°	0.0285
ANDES	WBDR AZ-30	0.0070	0.0046	1.5	-43°	0.0120
SOUTH KORTRIGHT	WBDR AZ-29	0.0073	0.0042	1.7	-66°	0.0112
WBDR AZ-15	WBDR AZ-16 NEW	0.0142	0.0096	1.5	36°	0.0288
EBDR AZ-26	EBDR AZ-25 NEW	0.0102	0.0066	1.6	57°	0.0187
ASH AZ-27	ASH AZ- 28	0.0054	0.0029	1.9	-6°	0.0084
ASH AZ-5 OLD	ASH AZ- 5 NEW	0.0140	0.0101	1.4	70°	0.0271
NYON	WBDR AZ-30	0.0065	0.0041	1.6	71°	0.0108
NYON	WBDR AZ-29	0.0073	0.0045	1.6	69°	0.0120
NYON	WBDR AZ-23	0.0054	0.0043	1.3	53°	0.0121
ASH AZ-11 OLD	ASH AZ- 12 NEW	0.0159	0.0104	1.5	47°	0.0318
NYCS	WBDR AZ-30	0.0068	0.0044	1.6	-35°	0.0116
NYCS	WBDR	0.0075	0.0048	1.6	-36°	0.0128






EBDR AZ-13 OLD	AZ-29 EBDR AZ-16 NEW	0.0080	0.0068	1.2	-29°	0.0177
EBDR AZ-15	EBDR AZ-16 NEW	0.0069	0.0055	1.2	5°	0.0154
ASH AZ-1	ASH AZ-2	0.0070	0.0066	1.1	58°	0.0210
WBDR AZ-20	D309 RESET 1995	0.0136	0.0080	1.7	-23°	0.0236
EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0086	0.0066	1.3	-74°	0.0195
EBDR AZ-14 OLD	EBDR AZ-15	0.0061	0.0051	1.2	-46°	0.0124
EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0069	0.0058	1.2	11°	0.0154
EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0088	0.0069	1.3	25°	0.0199
EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0041	0.0039	1.1	8°	0.0093
EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0068	0.0057	1.2	12°	0.0152
EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0087	0.0069	1.3	29°	0.0199






Testing and Estimated Errors




Observation Tests

	Station	Target	MDB	Red	BNR	W-Test	T-Test
DX	NYS DOT 8-U-047	U279 RESET 1973	0.0600 fts	67	1.9	-0.54	0.24
DY			0.0788 fts	74	1.8	-0.43	
DZ			0.0720 fts	76	1.7	-0.66	
DX	SHANDAKEN	ASH AZ-12 NEW	0.0703 fts	72	2.0	0.90	0.34
DY			0.0928 fts	71	2.2	0.34	
DZ			0.0991 fts	58	2.4	-0.14	
DX	SHANDAKEN	ASH AZ-11 OLD	0.0531 fts	11	8.1	-1.52	1.05
DY			0.0727 fts	10	7.3	-1.42	
DZ			0.0858 fts	15	7.2	-1.19	
DX	ASH AZ-7	ASH AZ-8	0.0257 fts	46	3.0	0.42	0.06
DY			0.0642 fts	48	3.0	-0.07	
DZ			0.0488 fts	49	3.0	-0.12	
DX	ASH AZ-7	ASH AZ-20	0.0355 fts	80	1.4	0.96	0.96
DY			0.0940 fts	83	1.3	-1.06	
DZ			0.0689 fts	82	1.3	-1.67	








DX	ASH AZ-7	ASH AZ-19	0.0308 fts	72	1.7	1.73		1.92	
DY			0.0796 fts	76	1.6	-1.67			
DZ			0.0586 fts	74	1.7	-2.08			
DX	ASH AZ-7	ASH AZ-16	0.0529 fts	82	1.3	-0.63		0.44	
DY			0.1100 fts	88	1.1	-0.82			
DZ			0.0838 fts	86	1.2	-0.74			
DX	ASH AZ-7	ASH AZ-15	0.0582 fts	83	1.2	-0.94		0.39	
DY			0.1201 fts	89	1.1	-0.27			
DZ			0.0890 fts	86	1.1	0.11			
DX	ASH AZ-21 OLD	ASH AZ-22 OLD	0.0352 fts	87	1.4	-1.37		0.92	
DY			0.0459 fts	76	1.7	-1.07			
DZ			0.0405 fts	76	1.7	-1.20			
DX	EBDR AZ-25 OLD	EBDR AZ-26	0.0465 fts	85	1.1	2.71		2.94	
DY			0.0849 fts	90	1.1	2.06			
DZ			0.0729 fts	78	1.4	1.80			
DX	ASH AZ-28	ASH AZ-21 OLD	0.0549 fts	92	0.8	0.84		0.61	
DY			0.0916 fts	91	0.8	0.62			
DZ			0.0927 fts	93	0.8	-0.59			
DX	ASH AZ-29 OLD	ASH AZ-30 OLD	0.0323 fts	72	2.0	0.38		0.59	
DY			0.0588 fts	56	3.2	-1.03			
DZ			0.0430 fts	62	2.9	-0.81			
DX	ASH AZ-29 OLD	ASH AZ-29 NEW	0.0844 fts	33	3.9	0.56		0.21	
DY			0.1279 fts	36	3.8	0.02			
DZ			0.1041 fts	36	3.7	0.13			
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	0.0662 fts	92	0.8	0.01		0.01	
DY			0.1439 fts	93	0.8	-0.01			
DZ			0.1035 fts	91	0.8	-0.16			
DX	WBDR AZ-19 OLD	WBDR AZ-20	0.0401 fts	91	1.1	-3.96		6.13	
DY			0.0536 fts	76	1.3	-2.55			
DZ			0.0471 fts	82	1.2	-1.19			
DX	EBDR AZ-19	EBDR AZ-6	0.0389 fts	78	1.4	-0.66		0.26	
DY			0.0883 fts	80	1.4	-0.18			
DZ			0.0621 fts	79	1.4	0.61			
DX	EBDR AZ-7 OLD	EBDR AZ-8	0.0618 fts	85	1.2	-0.38		0.13	
DY			0.0853 fts	83	1.2	-0.43			
DZ			0.0779 fts	89	1.1	0.05			
DX	EBDR AZ-7 OLD	EBDR AZ-21	0.1699 fts	97	0.5	0.67		0.28	
DY			0.2421 fts	96	0.6	0.71			
DZ			0.2133 fts	96	0.5	0.51			
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW	0.0862 fts	57	2.5	-0.74		0.39	
DY			0.1188 fts	55	2.5	0.08			
DZ			0.1020 fts	61	2.3	-0.16			
DX	NEV AZ-2	ROND AZ-8	0.0758 fts	87	1.2	0.02		0.19	
DY			0.1085 fts	84	1.2	0.37			
DZ			0.0928 fts	85	1.2	0.76			
DX	EBDR AZ-16 OLD	EBDR AZ-2	0.0625 fts	90	0.9	-0.86		0.39	
DY			0.0773 fts	89	0.9	-0.33			
DZ			0.0851 fts	90	0.9	0.63			

DX	ASH AZ-6 OLD	ASH AZ-12 OLD	0.0454 fts	68	1.9	-2.26		2.53	
DY			0.0862 fts	77	1.8	0.64			
DZ			0.0624 fts	66	1.9	1.10			
DX	EBDR AZ-10	EBDR AZ-25 OLD	0.0527 fts	88	1.0	1.07		0.46	
DY			0.0814 fts	86	1.1	0.95			
DZ			0.1071 fts	91	0.9	0.55			
DX	ASH AZ-8	ASH AZ-20	0.0327 fts	76	1.6	0.69		1.17	
DY			0.0832 fts	77	1.5	-1.63			
DZ			0.0648 fts	78	1.5	-1.68			
DX	NEV AZ-4	ROND AZ-5	0.0382 fts	76	1.5	-0.11		0.07	
DY			0.0624 fts	78	1.5	-0.17			
DZ			0.0567 fts	79	1.5	-0.38			
DX	EBDR AZ-4	EBDR AZ-17	0.0790 fts	86	1.4	0.60		0.27	
DY			0.0813 fts	85	1.2	-0.65			
DZ			0.0738 fts	78	1.4	-0.15			
DX	ROND AZ-1	ROND AZ-4	0.0467 fts	78	1.4	0.28		0.07	
DY			0.0654 fts	84	1.3	-0.12			
DZ			0.0732 fts	80	1.4	0.03			
DX	WBDR AZ-21	WBDR AZ-22	0.0198 fts	40	3.4	-0.39		0.05	
DY			0.0313 fts	40	3.4	0.05			
DZ			0.0319 fts	41	3.4	0.13			
DX	ASH AZ-10	ASH AZ-14	0.1209 fts	73	1.6	-0.59		0.17	
DY			0.1720 fts	76	1.5	-0.44			
DZ			0.1871 fts	81	1.4	-0.44			
DX	EBDR AZ-3	EBDR AZ-4	0.0355 fts	48	3.0	0.38		0.12	
DY			0.0440 fts	41	3.2	0.54			
DZ			0.0522 fts	53	2.8	0.17			
DX	EBDR AZ-3	EBDR AZ-17	0.0809 fts	88	1.3	-0.06		0.55	
DY			0.0845 fts	88	1.1	-1.28			
DZ			0.0750 fts	81	1.3	-0.83			
DX	ROND AZ-2	ROND AZ-4	0.0461 fts	78	1.4	0.39		0.07	
DY			0.0635 fts	83	1.3	-0.01			
DZ			0.0728 fts	79	1.4	0.01			
DX	ROND AZ-2	ROND AZ-1	0.0264 fts	23	5.0	-0.21		0.02	
DY			0.0365 fts	25	4.8	0.01			
DZ			0.0414 fts	24	4.9	0.03			
DX	ASH AZ-30 OLD	ASH AZ-29 OLD	0.0308 fts	65	2.0	0.49		0.16	
DY			0.0751 fts	77	1.4	-0.41			
DZ			0.0494 fts	72	1.7	-0.37			
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	0.0844 fts	63	2.2	-0.56		0.21	
DY			0.1279 fts	59	2.3	-0.02			
DZ			0.1041 fts	60	2.3	-0.13			
DX	ASH AZ-25 OLD	ASH AZ-28	0.0203 fts	72	1.8	-0.89		0.77	
DY			0.0309 fts	71	1.8	0.00			
DZ			0.0396 fts	75	1.7	0.69			
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	0.0191 fts	82	1.4	5.44		10.32	
DY			0.0234 fts	74	1.6	2.67			
DZ			0.0286 fts	72	1.8	-0.47			
DX	ASH AZ-26 OLD	ASH AZ-28	0.0226 fts	77	1.5	1.44		0.80	



DY			0.0344 fts	77	1.5	1.18		
DZ			0.0445 fts	80	1.4	0.59		
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	0.0155 fts	64	2.1	4.27		8.16 
DY			0.0224 fts	71	1.8	2.49		
DZ			0.0287 fts	73	1.8	-0.37		
DX	WBDR AZ-26	WBDR AZ-25	0.0344 fts	31	4.3	1.37		4.16 
DY			0.0504 fts	22	5.0	-0.23		
DZ			0.0503 fts	32	4.8	1.51		
DX	EBDR AZ-8	EBDR AZ-7 OLD	0.0475 fts	69	1.9	-0.28		0.12
DY			0.0671 fts	69	1.9	0.44		
DZ			0.0544 fts	67	1.9	0.36		
DX	EBDR AZ-8	EBDR AZ 7 NEW	0.0862 fts	35	3.8	0.74		0.39
DY			0.1188 fts	37	3.7	-0.08		
DZ			0.1020 fts	32	4.0	0.16		
DX	WBDR AZ-9	WBDR AZ-10	0.0506 fts	48	2.9	-0.23		0.05
DY			0.0799 fts	48	2.9	-0.34		
DZ			0.0699 fts	48	2.9	-0.14		
DX	EBDR AZ-5	EBDR AZ-6	0.0216 fts	27	4.5	0.39		0.09
DY			0.0490 fts	28	4.5	-0.06		
DZ			0.0359 fts	28	4.5	-0.41		
DX	EBDR AZ-23	EBDR AZ-24	0.0282 fts	40	3.4	0.00		0.17
DY			0.0493 fts	40	3.4	0.62		
DZ			0.0400 fts	41	3.4	0.59		
DX	WBDR AZ-14	WBDR AZ-13	0.0261 fts	15	6.5	0.67		0.34
DY			0.0344 fts	15	6.4	0.97		
DZ			0.0312 fts	15	6.5	0.47		
DX	ASH AZ-22 OLD	ASH AZ-9	0.1939 fts	87	1.1	-0.57		0.18
DY			0.2865 fts	95	1.0	-0.69		
DZ			0.2080 fts	75	1.4	-0.42		
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	0.0595 fts	89	1.0	-0.19		0.28
DY			0.1430 fts	92	0.8	0.34		
DZ			0.0901 fts	88	1.0	-0.36		
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	0.0487 fts	86	1.1	-1.13		0.75
DY			0.1054 fts	86	1.1	-1.13		
DZ			0.0777 fts	85	1.1	0.34		
DX	ASH AZ-22 OLD	ASH AZ-28	0.0530 fts	93	0.8	-0.75		0.20
DY			0.0874 fts	92	0.8	-0.55		
DZ			0.0920 fts	94	0.7	-0.20		
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	0.0299 fts	71	1.7	-1.45		0.92
DY			0.0529 fts	78	1.3	-1.11		
DZ			0.0456 fts	78	1.4	-0.91		
DX	EBDR AZ-9	EBDR AZ-25 OLD	0.0547 fts	89	1.0	2.05		1.41
DY			0.0852 fts	87	1.0	1.01		
DZ			0.1100 fts	91	0.9	0.81		
DX	EBDR AZ-9	EBDR AZ-10	0.0159 fts	38	3.5	-0.30		0.06
DY			0.0253 fts	37	3.6	0.06		
DZ			0.0298 fts	39	3.5	0.13		




DX	WBDR AZ-8	WBDR AZ-7	0.0317 fts	29	4.4	-0.26	0.24
DY			0.0394 fts	28	4.4	-0.33	
DZ			0.0423 fts	29	4.4	0.55	
DX	WBDR AZ-18	WBDR AZ-17	0.0409 fts	25	4.7	-0.63	0.41
DY			0.0509 fts	25	4.7	-0.94	
DZ			0.0471 fts	25	4.7	-0.89	
DX	ASH AZ-19	ASH AZ-8	0.0295 fts	70	1.8	-1.29	2.39 
DY			0.0742 fts	71	1.8	2.17 	
DZ			0.0567 fts	71	1.8	2.48 	
DX	ASH AZ-19	ASH AZ-20	0.0224 fts	42	3.3	-0.30	0.12
DY			0.0535 fts	38	3.5	-0.53	
DZ			0.0422 fts	39	3.4	-0.06	
DX	ASH AZ-13	ASH AZ-14	0.0483 fts	43	3.2	0.78	0.50
DY			0.0650 fts	45	3.1	-0.54	
DZ			0.0770 fts	43	3.2	-0.60	
DX	ASH AZ-13	ASH AZ-10	0.1132 fts	68	1.8	0.45	0.29
DY			0.1597 fts	72	1.7	0.90	
DZ			0.1732 fts	78	1.6	0.74	
DX	ASH AZ-18	ASH AZ-6 OLD	0.0656 fts	82	1.3	1.25	1.17
DY			0.1038 fts	85	1.2	0.02	
DZ			0.0991 fts	89	1.1	-0.97	
DX	ASH AZ-18	ASH AZ-17	0.0412 fts	39	3.6	-0.39	0.13
DY			0.0580 fts	35	3.7	0.03	
DZ			0.0578 fts	36	3.7	0.26	
DX	WBDR AZ-16 OLD	WBDR AZ-15	0.0220 fts	34	3.9	-0.34	0.14
DY			0.0259 fts	34	3.8	0.19	
DZ			0.0354 fts	35	3.8	-0.11	
DX	EBDR AZ-12	EBDR AZ-11	0.0364 fts	47	2.9	0.26	0.03
DY			0.0566 fts	48	2.9	0.24	
DZ			0.0512 fts	49	2.9	0.13	
DX	ROND AZ-6	ROND AZ-5	0.0235 fts	39	3.5	-0.06	0.03
DY			0.0385 fts	40	3.5	-0.16	
DZ			0.0319 fts	36	3.6	0.05	
DX	ROND AZ-6	NEV AZ-4	0.0397 fts	80	1.4	-0.18	0.10
DY			0.0640 fts	79	1.4	0.12	
DZ			0.0587 fts	81	1.4	0.44	
DX	ANDES	WBDR AZ-8	0.0622 fts	91	0.9	0.24	0.43
DY			0.0784 fts	90	0.9	-0.06	
DZ			0.0837 fts	90	0.9	-1.04	
DX	ANDES	WBDR AZ-7	0.0642 fts	91	0.9	0.90	1.34
DY			0.0796 fts	90	0.9	0.11	
DZ			0.0842 fts	90	0.9	-1.72	
DX	ANDES	WBDR AZ-6	0.0857 fts	91	0.8	0.26	0.97
DY			0.1049 fts	91	0.8	0.91	
DZ			0.0915 fts	90	0.9	-0.57	
DX	ANDES	WBDR AZ-5	0.0993 fts	92	0.8	-0.45	0.67
DY			0.1072 fts	91	0.9	-0.27	
DZ			0.0941 fts	90	0.9	-1.03	
DX	ANDES	WBDR AZ-4	0.0408 fts	84	1.2	0.38	0.85
DY			0.0629 fts	86	1.1	1.38	
DZ			0.0658 fts	87	1.1	0.38	
DX	ANDES	WBDR AZ-3	0.0537 fts	89	1.0	-0.11	0.53
DY			0.0841 fts	90	0.9	1.11	






DZ			0.0890 fts	91	0.9	0.44		
DX	ANDES	WBDR AZ-29	0.0737 fts	95	0.6	1.04	0.98	
DY			0.1521 fts	97	0.4	0.43		
DZ			0.1173 fts	94	0.7	-1.21		
DX	ANDES	WBDR AZ-28	0.0517 fts	87	1.1	0.39	1.22	
DY			0.0889 fts	88	1.0	0.97		
DZ			0.0712 fts	85	1.1	-0.89		
DX	ANDES	WBDR AZ-27	0.0560 fts	84	1.2	0.06	2.34	⚠
DY			0.0954 fts	85	1.2	-0.69		
DZ			0.0814 fts	85	1.2	-2.47	⚠	
DX	ANDES	WBDR AZ-26	0.0504 fts	84	1.2	1.02	0.93	
DY			0.0720 fts	84	1.2	0.17		
DZ			0.0713 fts	85	1.3	-1.11		
DX	ANDES	WBDR AZ-24	0.0387 fts	84	1.2	-1.46	1.16	
DY			0.0609 fts	86	1.1	0.79		
DZ			0.0599 fts	85	1.2	0.72		
DX	ANDES	WBDR AZ-23	0.0391 fts	85	1.1	-1.65	1.15	
DY			0.0618 fts	87	1.1	0.46		
DZ			0.0621 fts	87	1.1	0.37		
DX	ANDES	WBDR AZ-2	0.0468 fts	85	1.2	-0.20	1.28	
DY			0.0645 fts	85	1.2	-0.78		
DZ			0.0601 fts	85	1.2	-1.69		
DX	ANDES	WBDR AZ-18	0.0403 fts	62	2.2	0.73	0.45	
DY			0.0504 fts	62	2.2	0.96		
DZ			0.0466 fts	61	2.2	0.10		
DX	ANDES	WBDR AZ-17	0.0418 fts	59	2.3	0.65	0.32	
DY			0.0521 fts	59	2.3	0.87		
DZ			0.0481 fts	58	2.3	0.25		
DX	ANDES	WBDR AZ-10	0.1057 fts	92	0.8	-0.22	0.17	
DY			0.1672 fts	94	0.8	0.16		
DZ			0.1455 fts	93	0.8	-0.09		
DX	ANDES	WBDR AZ-1	0.0576 fts	89	1.0	-0.01	0.16	
DY			0.0803 fts	90	0.9	-0.20		
DZ			0.0757 fts	90	1.0	-0.58		
DX	ANDES	EBDR AZ-8	0.0394 fts	71	1.7	2.45	⚠	2.52
DY			0.0608 fts	76	1.6	1.53		⚠
DZ			0.0470 fts	70	1.8	1.08		
DX	ANDES	EBDR AZ-7 OLD	0.0544 fts	77	1.5	1.13	0.59	
DY			0.0805 fts	82	1.4	0.55		
DZ			0.0613 fts	75	1.6	0.69		
DX	ANDES	EBDR AZ-4	0.0349 fts	61	2.2	0.80	0.28	
DY			0.0466 fts	70	2.0	-0.11		
DZ			0.0502 fts	63	2.1	-0.19		
DX	ANDES	EBDR AZ-3	0.0311 fts	54	2.5	1.02	0.52	
DY			0.0416 fts	64	2.2	-0.28		
DZ			0.0460 fts	57	2.4	-0.27		
DX	ANDES	EBDR AZ-22	0.0638 fts	88	1.0	1.41	1.20	
DY			0.1273 fts	91	0.9	-1.10		
DZ			0.0926 fts	89	1.0	-0.56		
DX	ANDES	EBDR AZ-21	0.0751 fts	90	0.9	0.90	0.40	
DY			0.1517 fts	94	0.8	-0.46		
DZ			0.1051 fts	89	0.9	-0.09		

DX	ANDES	EBDR AZ-2	0.0246 fts	67	2.0	-1.14	3.04	
DY			0.0308 fts	65	2.0	-1.83		
DZ			0.0338 fts	67	1.9	1.24		
DX	ANDES	EBDR AZ-18	0.0607 fts	90	0.9	0.83	2.15	
DY			0.0844 fts	93	0.8	1.56		
DZ			0.0898 fts	93	0.8	2.45		
DX	ANDES	EBDR AZ-17	0.0859 fts	93	0.9	-1.57	1.47	
DY			0.0809 fts	90	0.9	1.38		
DZ			0.0702 fts	88	1.0	-0.54		
DX	ANDES	EBDR AZ-15	0.0569 fts	92	0.9	0.51	1.41	
DY			0.0720 fts	91	0.9	0.77		
DZ			0.0758 fts	91	0.8	1.92		
DX	ANDES	EBDR AZ-12	0.1902 fts	99	0.3	0.28	0.11	
DY			0.2596 fts	98	0.4	0.54		
DZ			0.2343 fts	98	0.4	0.43		
DX	ANDES	EBDR AZ-1	0.0218 fts	61	2.4	-1.84	5.89	
DY			0.0275 fts	58	2.4	-2.43		
DZ			0.0295 fts	58	2.3	1.86		
DX	EBDR AZ-1	EBDR AZ-2	0.0210 fts	28	4.4	0.30	0.48	
DY			0.0261 fts	27	4.5	-0.36		
DZ			0.0291 fts	29	4.4	-1.15		
DX	EBDR AZ-1	EBDR AZ-15	0.0487 fts	88	1.1	0.22	2.24	
DY			0.0614 fts	87	1.1	0.57		
DZ			0.0651 fts	87	1.1	2.42		
DX	WALTON	WBDR AZ-9	0.0324 fts	31	4.2	0.97	0.34	
DY			0.0510 fts	29	4.3	0.59		
DZ			0.0442 fts	29	4.2	-0.02		
DX	WALTON	WBDR AZ-8	0.0310 fts	59	2.4	0.27	0.16	
DY			0.0388 fts	57	2.4	0.58		
DZ			0.0417 fts	59	2.3	-0.03		
DX	WALTON	WBDR AZ-7	0.0339 fts	65	2.1	0.01	0.17	
DY			0.0419 fts	63	2.1	0.57		
DZ			0.0452 fts	64	2.0	0.29		
DX	WALTON	WBDR AZ-6	0.0429 fts	44	3.1	0.01	0.06	
DY			0.0509 fts	46	2.9	-0.32		
DZ			0.0445 fts	47	2.9	-0.05		
DX	WALTON	WBDR AZ-5	0.0487 fts	53	2.6	0.85	0.48	
DY			0.0538 fts	54	2.7	0.07		
DZ			0.0467 fts	50	2.7	0.32		
DX	WALTON	WBDR AZ-4	0.0230 fts	48	2.9	-0.24	0.21	
DY			0.0356 fts	50	2.8	-0.22		
DZ			0.0374 fts	51	2.8	-0.60		
DX	WALTON	WBDR AZ-3	0.0272 fts	55	2.5	-0.10	0.10	
DY			0.0426 fts	56	2.4	-0.05		
DZ			0.0450 fts	57	2.4	-0.38		
DX	WALTON	WBDR AZ-22	0.0574 fts	93	0.7	0.63	0.58	
DY			0.0903 fts	94	0.7	-0.23		
DZ			0.0926 fts	94	0.7	-1.06		
DX	WALTON	WBDR AZ-21	0.0547 fts	93	0.7	0.00	0.54	
DY			0.0861 fts	94	0.7	-0.22		
DZ			0.0873 fts	94	0.7	-1.05		
DX	WALTON	WBDR AZ-2	0.0269 fts	51	2.8	-0.26	0.31	
DY			0.0368 fts	50	2.8	0.88		











DZ			0.0348 fts	49	2.8	0.48	
DX	WALTON	WBDR AZ-16 OLD	0.0298 fts	76	1.6	-1.52	0.86
DY			0.0358 fts	71	1.7	-0.91	
DZ			0.0474 fts	77	1.6	-0.61	
DX	WALTON	WBDR AZ-15	0.0278 fts	74	1.7	0.12	0.04
DY			0.0336 fts	68	1.8	-0.12	
DZ			0.0448 fts	76	1.6	-0.32	
DX	WALTON	WBDR AZ-14	0.0308 fts	73	1.7	0.32	1.46
DY			0.0406 fts	73	1.7	-0.32	
DZ			0.0375 fts	70	1.8	1.34	
DX	WALTON	WBDR AZ-13	0.0330 fts	75	1.6	0.44	1.50
DY			0.0435 fts	75	1.6	-0.04	
DZ			0.0398 fts	72	1.7	1.56	
DX	WALTON	WBDR AZ-12	0.0371 fts	67	2.0	-0.47	0.44
DY			0.0731 fts	71	1.8	-0.65	
DZ			0.0629 fts	69	1.9	-0.88	
DX	WALTON	WBDR AZ-11	0.0502 fts	70	1.8	-0.17	0.26
DY			0.1020 fts	72	1.7	-0.70	
DZ			0.0880 fts	71	1.8	-0.77	
DX	WALTON	WBDR AZ-10	0.0504 fts	55	2.5	0.29	0.04
DY			0.0797 fts	55	2.5	0.06	
DZ			0.0698 fts	54	2.5	-0.10	
DX	WALTON	WBDR AZ-1	0.0290 fts	53	2.6	-0.31	0.29
DY			0.0399 fts	52	2.6	0.26	
DZ			0.0382 fts	54	2.6	-0.29	
DX	DELHI	WBDR AZ-22	0.0195 fts	47	3.0	0.04	0.15
DY			0.0306 fts	47	2.9	0.27	
DZ			0.0313 fts	48	2.9	0.62	
DX	DELHI	WBDR AZ-21	0.0184 fts	36	3.7	0.68	0.35
DY			0.0287 fts	37	3.6	0.22	
DZ			0.0293 fts	37	3.7	0.56	
DX	DELHI	WBDR AZ-20	0.0261 fts	42	3.1	2.24	2.49
DY			0.0399 fts	48	3.1	1.93	
DZ			0.0351 fts	45	3.1	1.73	
DX	DELHI	WBDR AZ-19 OLD	0.0262 fts	45	3.1	-1.12	0.50
DY			0.0400 fts	50	3.0	-0.44	
DZ			0.0351 fts	46	3.0	0.30	
DX	DELHI	WBDR AZ-16 OLD	0.0264 fts	64	2.1	-0.84	1.11
DY			0.0322 fts	57	2.3	-1.30	
DZ			0.0419 fts	65	2.1	-1.66	
DX	DELHI	WBDR AZ-15	0.0274 fts	71	1.8	-0.13	0.38
DY			0.0333 fts	64	2.0	-0.21	
DZ			0.0442 fts	73	1.7	-0.94	
DX	DELHI	WBDR AZ-14	0.0381 fts	81	1.3	-1.35	1.05
DY			0.0503 fts	81	1.4	-0.72	
DZ			0.0468 fts	77	1.5	-1.19	
DX	DELHI	WBDR AZ-13	0.0405 fts	82	1.3	-1.16	0.86
DY			0.0536 fts	82	1.3	-0.39	
DZ			0.0491 fts	78	1.4	-0.99	
DX	DELHI	WBDR AZ-12	0.0430 fts	76	1.6	0.49	0.20
DY			0.0853 fts	80	1.4	0.51	

DZ			0.0734 fts	78	1.5	0.03	
DX	DELHI	WBDR AZ-11	0.0533 fts	73	1.7	0.37	0.45
DY			0.1083 fts	76	1.6	0.93	
DZ			0.0955 fts	77	1.6	0.89	
DX	WBDR AZ-6	WBDR AZ-5	0.0511 fts	45	3.2	0.29	0.23
DY			0.0568 fts	41	3.4	0.77	
DZ			0.0493 fts	41	3.4	0.25	
DX	WBDR AZ-27	WBDR AZ-28	0.0399 fts	13	7.1	0.02	2.98 
DY			0.0682 fts	13	7.0	-0.84	
DZ			0.0573 fts	12	7.3	-2.80	
DX	EBDR AZ-18	EBDR AZ-17	0.0428 fts	39	4.2	1.72	1.62
DY			0.0422 fts	37	3.7	0.19	
DZ			0.0410 fts	27	4.5	1.66	
DX	NEV AZ-1	ROND AZ-8	0.0726 fts	85	1.1	0.21	0.22
DY			0.1485 fts	93	0.9	0.50	
DZ			0.0813 fts	84	1.2	0.75	
DX	NEV AZ-1	ROND AZ-7	0.0669 fts	83	1.2	0.70	0.82
DY			0.1272 fts	88	1.1	1.35	
DZ			0.0773 fts	83	1.2	1.22	
DX	NEV AZ-1	NEV AZ-2	0.0526 fts	36	3.3	0.11	0.44
DY			0.0915 fts	50	2.9	0.89	
DZ			0.0618 fts	38	3.5	1.02	
DX	PHOENICIA	ROND AZ-8	0.0694 fts	93	0.9	0.59	0.20
DY			0.0922 fts	89	0.9	0.21	
DZ			0.0911 fts	88	1.0	-0.52	
DX	PHOENICIA	ROND AZ-7	0.0632 fts	91	1.0	-0.04	0.96
DY			0.0842 fts	86	1.0	-0.84	
DZ			0.0864 fts	87	1.0	-1.69	
DX	PHOENICIA	ROND AZ-6	0.0675 fts	89	0.9	-0.81	1.30
DY			0.1087 fts	94	0.9	1.03	
DZ			0.0964 fts	91	0.9	1.13	
DX	PHOENICIA	ROND AZ-4	0.1074 fts	96	0.7	0.58	0.23
DY			0.1231 fts	93	0.8	0.82	
DZ			0.1426 fts	94	0.7	0.42	
DX	PHOENICIA	ROND AZ-2	0.0897 fts	96	0.7	0.98	0.93
DY			0.1089 fts	92	0.8	1.66	
DZ			0.1230 fts	93	0.8	1.18	
DX	PHOENICIA	ROND AZ-1	0.0871 fts	95	0.7	1.04	1.05
DY			0.1096 fts	93	0.8	1.77	
DZ			0.1173 fts	93	0.8	1.22	
DX	PHOENICIA	NEV AZ-4	0.0730 fts	89	0.9	-0.45	0.37
DY			0.1210 fts	94	0.9	0.29	
DZ			0.1235 fts	94	0.8	0.06	
DX	PHOENICIA	NEV AZ-3	0.0790 fts	90	0.9	0.14	0.04
DY			0.1325 fts	95	0.8	-0.15	
DZ			0.1161 fts	92	0.9	-0.09	
DX	PHOENICIA	NEV AZ-2	0.1153 fts	94	0.8	-0.15	0.18
DY			0.1693 fts	90	0.8	0.13	
DZ			0.1804 fts	95	0.7	0.72	
DX	PHOENICIA	NEV AZ-1	0.1292 fts	94	0.6	1.60	1.07
DY			0.3002 fts	97	0.5	1.23	
DZ			0.1799 fts	95	0.6	0.47	
DX	PHOENICIA	ASH AZ-30	0.0397 fts	76	1.6	-0.32	0.09


		OLD						
DY			0.1031 fts	84	1.2	0.24		
DZ			0.0673 fts	79	1.5	0.49		
DX	PHOENICIA	ASH AZ-29 OLD	0.0373 fts	77	1.5	0.10	0.01	
DY			0.0901 fts	83	1.2	0.07		
DZ			0.0641 fts	79	1.5	0.10		
DX	PHOENICIA	ASH AZ-28	0.0292 fts	84	1.3	0.21	0.19	
DY			0.0454 fts	82	1.4	-0.40		
DZ			0.0527 fts	84	1.3	-0.25		
DX	PHOENICIA	ASH AZ-27	0.0270 fts	80	1.5	0.48	0.56	
DY			0.0427 fts	78	1.5	-0.25		
DZ			0.0472 fts	78	1.5	-0.90		
DX	PHOENICIA	ASH AZ-26 OLD	0.0243 fts	72	1.7	-0.30	0.28	
DY			0.0382 fts	70	1.7	-0.51		
DZ			0.0458 fts	76	1.6	0.35		
DX	PHOENICIA	ASH AZ-25 OLD	0.0252 fts	76	1.6	2.07	 1.73	
DY			0.0397 fts	74	1.6	1.11		
DZ			0.0480 fts	79	1.5	0.10		
DX	PHOENICIA	ASH AZ-22 OLD	0.0285 fts	71	1.8	-1.70	1.02	
DY			0.0521 fts	76	1.7	-0.91		
DZ			0.0444 fts	66	1.9	0.25		
DX	PHOENICIA	ASH AZ-21 OLD	0.0350 fts	78	1.5	-2.13	 1.80	
DY			0.0641 fts	83	1.4	-2.02		
DZ			0.0536 fts	75	1.5	-0.84		
DX	NEV AZ-3	ROND AZ-6	0.0447 fts	80	1.3	0.67	0.35	
DY			0.0755 fts	85	1.3	-0.19		
DZ			0.0650 fts	83	1.3	-0.12		
DX	NEV AZ-3	ROND AZ-5	0.0488 fts	84	1.2	0.14	0.10	
DY			0.0805 fts	86	1.2	-0.34		
DZ			0.0722 fts	87	1.1	-0.37		
DX	NEV AZ-3	NEV AZ-4	0.0354 fts	62	2.2	-0.29	0.04	
DY			0.0576 fts	62	2.2	-0.26		
DZ			0.0527 fts	63	2.2	-0.23		
DX	ASH AZ-3	ASH AZ-4	0.0551 fts	29	4.3	-0.22	0.05	
DY			0.0733 fts	28	4.4	-0.35		
DZ			0.0815 fts	29	4.4	0.00		
DX	NYHC	WBDR AZ-9	0.0810 fts	94	0.7	-0.91	0.51	
DY			0.1274 fts	95	0.7	-0.52		
DZ			0.1104 fts	94	0.7	0.46		
DX	NYHC	WBDR AZ-8	0.0474 fts	85	1.2	-0.85	1.28	
DY			0.0592 fts	83	1.2	-1.03		
DZ			0.0640 fts	83	1.2	1.02		
DX	NYHC	WBDR AZ-7	0.0518 fts	87	1.2	-0.45	0.17	
DY			0.0636 fts	85	1.2	-0.47		
DZ			0.0686 fts	84	1.2	0.29		
DX	NYHC	WBDR AZ-6	0.0763 fts	89	1.0	-0.05	0.06	
DY			0.0948 fts	90	0.9	0.37		
DZ			0.0833 fts	88	1.0	0.25		
DX	NYHC	WBDR AZ-5	0.0961 fts	92	0.8	-0.96	0.34	


DY			0.1037 fts	91	0.9	-0.75		
DZ			0.0898 fts	89	0.9	-0.26		
DX	NYHC	WBDR AZ-4	0.0355 fts	78	1.4	0.26	0.58	
DY			0.0547 fts	81	1.3	-0.77		
DZ			0.0576 fts	83	1.3	0.08		
DX	NYHC	WBDR AZ-3	0.0528 fts	89	1.0	-0.20	0.31	
DY			0.0829 fts	90	0.9	-0.60		
DZ			0.0877 fts	91	0.9	0.13		
DX	NYHC	WBDR AZ-22	0.0394 fts	83	1.2	0.09	0.23	
DY			0.0616 fts	86	1.1	-0.80		
DZ			0.0631 fts	87	1.1	-0.61		
DX	NYHC	WBDR AZ-21	0.0377 fts	83	1.2	-1.01	0.46	
DY			0.0590 fts	86	1.1	-0.77		
DZ			0.0598 fts	86	1.1	-0.37		
DX	NYHC	WBDR AZ-20	0.0495 fts	87	1.1	-1.63	0.94	
DY			0.0766 fts	90	1.1	-1.38		
DZ			0.0673 fts	85	1.1	-0.58		
DX	NYHC	WBDR AZ-2	0.0440 fts	84	1.2	0.17	0.57	
DY			0.0603 fts	84	1.2	-1.04		
DZ			0.0567 fts	83	1.3	-0.22		
DX	NYHC	WBDR AZ-19 OLD	0.0489 fts	87	1.1	-0.70	0.20	
DY			0.0755 fts	90	1.1	-0.67		
DZ			0.0664 fts	85	1.1	-0.45		
DX	NYHC	WBDR AZ-16 OLD	0.0410 fts	87	1.1	2.43	2.16	 
DY			0.0490 fts	83	1.2	1.50		
DZ			0.0654 fts	88	1.1	0.89		
DX	NYHC	WBDR AZ-15	0.0362 fts	84	1.3	0.24	0.95	
DY			0.0434 fts	79	1.4	-0.61		
DZ			0.0585 fts	86	1.2	0.71		
DX	NYHC	WBDR AZ-14	0.0406 fts	83	1.2	0.44	0.32	
DY			0.0535 fts	83	1.3	0.84		
DZ			0.0494 fts	80	1.3	0.09		
DX	NYHC	WBDR AZ-13	0.0513 fts	89	1.0	-0.35	0.30	
DY			0.0678 fts	90	1.0	-0.73		
DZ			0.0615 fts	87	1.0	-0.91		
DX	NYHC	WBDR AZ-12	0.0446 fts	77	1.5	0.06	0.27	
DY			0.0820 fts	77	1.5	0.86		
DZ			0.0723 fts	78	1.5	0.74		
DX	NYHC	WBDR AZ-11	0.0983 fts	93	0.7	-0.64	0.17	
DY			0.1846 fts	93	0.8	-0.17		
DZ			0.1630 fts	93	0.8	-0.11		
DX	NYHC	WBDR AZ-10	0.0969 fts	91	0.9	0.08	0.10	
DY			0.1518 fts	92	0.9	0.38		
DZ			0.1346 fts	92	0.9	0.55		
DX	NYHC	WBDR AZ-1	0.0512 fts	87	1.1	0.56	0.91	
DY			0.0703 fts	87	1.1	-0.47		
DZ			0.0678 fts	87	1.1	0.51		
DX	NYHC	EBDR AZ-3	0.0571 fts	87	1.1	-0.26	2.88	
DY			0.0693 fts	84	1.2	1.95		
DZ			0.0871 fts	90	1.0	0.00		
DX	NYHC	EBDR AZ-2	0.0529 fts	91	0.9	0.59	1.91	
DY			0.0654 fts	89	1.0	2.02		



DZ			0.0737 fts	90	0.9	0.14		
DX	NYHC	EBDR AZ-1	0.0368 fts	82	1.4	1.09	3.29	
DY			0.0463 fts	78	1.5	1.75		
DZ			0.0503 fts	78	1.4	-1.39		
DX	SOUTH KORTRIGHT	WBDR AZ-30	0.0266 fts	66	2.0	2.80		4.77
DY			0.0407 fts	65	2.0	-0.92		
DZ			0.0506 fts	72	1.8	-0.29		
DX	SOUTH KORTRIGHT	WBDR AZ-28	0.0317 fts	43	3.2	-0.60	1.71	
DY			0.0533 fts	46	3.0	-1.34		
DZ			0.0465 fts	38	3.6	0.95		
DX	SOUTH KORTRIGHT	WBDR AZ-25	0.0336 fts	34	4.1	-0.77	3.31	
DY			0.0545 fts	58	3.2	0.53		
DZ			0.0525 fts	24	4.1	-1.63		
DX	SOUTH KORTRIGHT	WBDR AZ-23	0.0333 fts	70	1.9	-2.84		4.89
DY			0.0522 fts	67	1.9	1.07		
DZ			0.0604 fts	74	1.7	-0.18		
DX	FLEISCHMANN'S 2	EBDR AZ-9	0.0196 fts	73	1.7	-3.35		4.12
DY			0.0310 fts	73	1.7	-0.97		
DZ			0.0361 fts	75	1.6	-0.44		
D0	FLEISCHMANN'S 2	EBDR AZ-8	0.0413 fts	78	1.5	0.08	1.47	
DY			0.0618 fts	78	1.5	-2.05		
DZ			0.0494 fts	77	1.5	-1.35		
DX	FLEISCHMANN'S 2	EBDR AZ-7 OLD	0.0580 fts	82	1.3	-0.38	0.52	
DY			0.0783 fts	80	1.4	-1.25		
DZ			0.0657 fts	81	1.3	-0.79		
DX	FLEISCHMANN'S 2	EBDR AZ-6	0.0311 fts	83	1.3	-1.15	0.62	
DY			0.0700 fts	84	1.2	-0.49		
DZ			0.0516 fts	83	1.2	0.72		
DX	FLEISCHMANN'S 2	EBDR AZ-5	0.0295 fts	81	1.4	-1.26	0.62	
DY			0.0652 fts	82	1.3	-0.36		
DZ			0.0494 fts	82	1.3	0.71		
DX	FLEISCHMANN'S 2	EBDR AZ-4	0.0710 fts	92	0.8	0.09	1.02	
DY			0.0871 fts	91	0.8	0.77		
DZ			0.1038 fts	93	0.8	-0.63		
DX	FLEISCHMANN'S 2	EBDR AZ-28	0.0271 fts	49	2.8	-0.21	0.22	
DY			0.0405 fts	49	2.9	0.79		
DZ			0.0461 fts	48	2.9	0.64		
DX	FLEISCHMANN'S 2	EBDR AZ-27	0.0282 fts	49	2.8	-0.07	0.34	
DY			0.0421 fts	50	2.8	1.00		
DZ			0.0489 fts	49	2.8	0.75		
DX	FLEISCHMANN'S 2	EBDR AZ-26	0.0232 fts	67	1.9	-2.73		3.29
DY			0.0395 fts	68	1.9	-0.25		






DZ			0.0436 fts	69	1.9	-0.94		
DX	FLEISCHMANN'S	EBDR AZ-25	0.0398 fts	78	1.5	-0.27		0.52
	2	OLD						
DY			0.0627 fts	74	1.6	0.68		
DZ			0.0796 fts	83	1.3	0.91		
DX	FLEISCHMANN'S	EBDR AZ-24	0.0260 fts	58	2.4	0.63		0.27
	2							
DY			0.0448 fts	58	2.4	-0.47		
DZ			0.0361 fts	56	2.5	-0.30		
DX	FLEISCHMANN'S	EBDR AZ-23	0.0282 fts	62	2.2	0.40		0.16
	2							
DY			0.0492 fts	63	2.1	-0.25		
DZ			0.0404 fts	62	2.1	-0.65		
DX	FLEISCHMANN'S	EBDR AZ-22	0.0432 fts	73	1.7	-1.51		2.56 
	2							
DY			0.0802 fts	73	1.7	2.08		
DZ			0.0636 fts	75	1.6	1.08		
DX	FLEISCHMANN'S	EBDR AZ-21	0.0450 fts	68	1.9	-1.10		1.89 
	2							
DY			0.0771 fts	65	2.0	2.02		
DZ			0.0638 fts	68	1.9	1.43		
DX	FLEISCHMANN'S	EBDR AZ-20	0.0308 fts	69	1.9	-0.97		0.59
	2							
DY			0.0666 fts	68	1.9	-0.52		
DZ			0.0491 fts	68	1.9	0.83		
DX	FLEISCHMANN'S	EBDR AZ-2	0.0630 fts	95	0.7	1.17		1.07
	2							
DY			0.0780 fts	93	0.7	0.48		
DZ			0.0879 fts	95	0.6	-1.23		
DX	FLEISCHMANN'S	EBDR AZ-19	0.0272 fts	53	2.6	-2.10		1.83
	2							
DY			0.0579 fts	52	2.6	-1.21		
DZ			0.0432 fts	55	2.5	0.67		
DX	FLEISCHMANN'S	EBDR AZ-18	0.0319 fts	60	2.4	1.49		2.86 
	2							
DY			0.0385 fts	59	2.3	-1.33		
DZ			0.0447 fts	71	1.9	0.15		
DX	FLEISCHMANN'S	EBDR AZ-16	0.0341 fts	74	1.7	2.33		1.94 
	2	OLD						
DY			0.0426 fts	71	1.8	1.43		
DZ			0.0464 fts	72	1.7	0.61		
DX	FLEISCHMANN'S	EBDR AZ-15	0.0303 fts	79	1.5	1.77		1.10
	2							
DY			0.0386 fts	74	1.6	1.26		
DZ			0.0406 fts	75	1.6	-0.02		
DX	FLEISCHMANN'S	EBDR AZ-14	0.0338 fts	82	1.3	0.93		1.56
	2	OLD						
DY			0.0434 fts	80	1.4	0.01		
DZ			0.0387 fts	79	1.4	1.17		
DX	FLEISCHMANN'S	EBDR AZ-13	0.0336 fts	83	1.3	1.51		1.83
	2	OLD						
DY			0.0421 fts	80	1.4	1.45		
DZ			0.0377 fts	79	1.4	1.57		
DX	FLEISCHMANN'S	EBDR AZ-12	0.0417 fts	75	1.6	2.90		2.91 
	2							





DY			0.0647 fts	75	1.6	1.50		
DZ			0.0590 fts	75	1.6	0.07		
DX	FLEISCHMANN'S	EBDR AZ-11	0.0330 fts	74	1.7	4.51	⚠	7.92 ⚠
	2							
DY			0.0521 fts	75	1.7	2.00	⚠	
DZ			0.0449 fts	72	1.7	-1.03		
DX	FLEISCHMANN'S	EBDR AZ-10	0.0206 fts	76	1.6	-3.23	⚠	3.85 ⚠
	2							
DY			0.0326 fts	76	1.6	-0.96		
DZ			0.0379 fts	77	1.5	-0.38		
DX	FLEISCHMANN'S	EBDR AZ-1	0.0462 fts	92	0.9	1.70		2.60 ⚠
	2							
DY			0.0580 fts	89	0.9	0.22		
DZ			0.0631 fts	91	0.9	-2.17	⚠	
DX	FLEISCHMANN'S	ASH AZ-8	0.0318 fts	73	1.7	2.25	⚠	5.62 ⚠
	2							
DY			0.0766 fts	77	1.5	-3.53	⚠	
DZ			0.0598 fts	77	1.6	-3.51	⚠	
DX	FLEISCHMANN'S	ASH AZ-7	0.0310 fts	70	1.8	1.94		5.52 ⚠
	2							
DY			0.0742 fts	76	1.6	-3.70	⚠	
DZ			0.0562 fts	74	1.7	-3.40	⚠	
DX	FLEISCHMANN'S	ASH AZ-6 OLD	0.0382 fts	72	1.8	-0.76		1.35
	2							
DY			0.0663 fts	75	1.8	1.02		
DZ			0.0518 fts	69	1.8	1.66		
DX	FLEISCHMANN'S	ASH AZ-5 OLD	0.0326 fts	69	1.9	0.28		1.25
	2							
DY			0.0550 fts	68	2.0	1.05		
DZ			0.0448 fts	65	2.0	1.87		
DX	FLEISCHMANN'S	ASH AZ-4	0.0599 fts	68	2.0	-0.39		0.34
	2							
DY			0.0795 fts	66	2.0	-0.68		
DZ			0.0873 fts	66	2.0	0.32		
DX	FLEISCHMANN'S	ASH AZ-3	0.0491 fts	67	2.0	-0.52		0.44
	2							
DY			0.0646 fts	67	2.0	-0.97		
DZ			0.0649 fts	64	2.1	-0.03		
DX	FLEISCHMANN'S	ASH AZ-20	0.0560 fts	93	0.8	0.88		0.27
	2							
DY			0.1431 fts	95	0.6	-0.02		
DZ			0.1038 fts	93	0.7	-0.24		
DX	FLEISCHMANN'S	ASH AZ-19	0.0535 fts	92	0.8	0.04		0.06
	2							
DY			0.1345 fts	94	0.7	-0.22		
DZ			0.0984 fts	93	0.8	0.15		
DX	FLEISCHMANN'S	ASH AZ-18	0.0627 fts	90	1.0	0.21		0.03
	2							
DY			0.0916 fts	88	1.0	0.05		
DZ			0.0873 fts	88	1.0	0.02		
DX	FLEISCHMANN'S	ASH AZ-17	0.0757 fts	91	0.9	-0.49		0.16
	2							
DY			0.1037 fts	90	0.9	-0.66		
DZ			0.1080 fts	91	0.9	-0.26		
	FLEISCHMANN'S							





DX	2	ASH AZ-16	0.0779 fts	93	0.7	0.31	0.18
DY			0.1207 fts	94	0.7	-0.58	
DZ			0.0954 fts	91	0.8	-0.37	
DX	FLEISCHMANN'S 2	ASH AZ-15	0.0835 fts	93	0.7	0.09	0.22
DY			0.1304 fts	94	0.7	-0.51	
DZ			0.1016 fts	92	0.8	0.12	
DX	FLEISCHMANN'S 2	ASH AZ-14	0.0849 fts	90	0.9	0.54	0.12
DY			0.1180 fts	90	0.9	0.41	
DZ			0.1348 fts	90	0.9	0.28	
DX	FLEISCHMANN'S 2	ASH AZ-13	0.0562 fts	83	1.3	2.08	 1.45
DY			0.0706 fts	80	1.3	0.98	
DZ			0.0912 fts	83	1.3	0.30	
DX	FLEISCHMANN'S 2	ASH AZ-12 OLD	0.0661 fts	88	1.0	0.06	0.37
DY			0.1273 fts	90	0.9	0.44	
DZ			0.0955 fts	89	0.9	-0.24	
DX	EBDR AZ-26	EBDR AZ-9	0.0263 fts	76	1.6	0.13	0.13
DY			0.0451 fts	79	1.5	0.56	
DZ			0.0489 fts	76	1.6	0.24	
DX	EBDR AZ-26	EBDR AZ-25 OLD	0.0429 fts	83	1.3	0.60	0.45
DY			0.0727 fts	83	1.3	0.12	
DZ			0.0823 fts	86	1.2	0.93	
DX	EBDR AZ-26	EBDR AZ-10	0.0268 fts	77	1.5	0.33	0.12
DY			0.0460 fts	80	1.5	0.59	
DZ			0.0498 fts	77	1.6	0.41	
DX	ASH AZ-27	ASH AZ-26 OLD	0.0263 fts	83	1.3	-1.35	0.76
DY			0.0400 fts	82	1.3	-0.67	
DZ			0.0519 fts	86	1.2	-0.06	
DX	ASH AZ-27	ASH AZ-25 OLD	0.0227 fts	77	1.5	0.73	0.22
DY			0.0346 fts	76	1.5	0.54	
DZ			0.0444 fts	80	1.4	0.16	
DX	ASH AZ-27	ASH AZ-22 OLD	0.0431 fts	89	1.0	0.87	0.85
DY			0.0732 fts	88	1.0	0.68	
DZ			0.0718 fts	89	1.0	1.39	
DX	ASH AZ-27	ASH AZ-21 OLD	0.0400 fts	83	1.2	0.27	0.48
DY			0.0683 fts	83	1.2	1.14	
DZ			0.0661 fts	85	1.2	0.54	
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	0.0317 fts	40	3.4	-1.06	0.48
DY			0.0555 fts	41	3.5	-0.33	
DZ			0.0434 fts	37	3.6	-0.33	
DX	ASH AZ-5 OLD	ASH AZ-17	0.0676 fts	82	1.2	1.50	0.83
DY			0.1013 fts	88	1.2	0.71	
DZ			0.1030 fts	90	1.1	0.25	
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	0.0430 fts	67	1.9	0.69	0.75
DY			0.0814 fts	75	1.8	0.91	
DZ			0.0595 fts	66	1.9	1.31	

DX	ASH AZ-5 OLD	ASH AZ-11 OLD	0.0529 fts	75	1.6	-0.27	0.76
DY			0.0926 fts	76	1.6	-0.72	
DZ			0.0753 fts	71	1.7	0.32	
DX	WBDR AZ-4	WBDR AZ-3	0.0271 fts	42	3.2	0.35	0.04
DY			0.0425 fts	42	3.2	-0.06	
DZ			0.0449 fts	42	3.2	-0.06	
DX	ASH AZ-24	ASH AZ-23	0.0555 fts	41	3.3	0.44	0.12
DY			0.0932 fts	40	3.4	-0.11	
DZ			0.0946 fts	40	3.4	-0.13	
DX	NYON	WBDR AZ-9	0.0387 fts	74	1.6	-0.89	0.28
DY			0.0608 fts	79	1.6	-0.71	
DZ			0.0523 fts	74	1.7	-0.29	
DX	NYON	WBDR AZ-8	0.0434 fts	82	1.3	-0.12	0.28
DY			0.0557 fts	83	1.3	-0.29	
DZ			0.0560 fts	80	1.3	0.57	
DX	NYON	WBDR AZ-7	0.0532 fts	88	1.0	0.14	0.03
DY			0.0675 fts	88	1.0	0.05	
DZ			0.0671 fts	86	1.1	-0.21	
DX	NYON	WBDR AZ-6	0.0730 fts	89	1.0	0.22	0.21
DY			0.0912 fts	90	0.9	0.67	
DZ			0.0794 fts	88	1.0	0.74	
DX	NYON	WBDR AZ-5	0.0935 fts	92	0.8	-0.80	0.26
DY			0.1016 fts	91	0.9	-0.51	
DZ			0.0923 fts	91	0.9	0.17	
DX	NYON	WBDR AZ-4	0.0324 fts	78	1.4	0.21	0.25
DY			0.0502 fts	80	1.4	-0.15	
DZ			0.0527 fts	82	1.4	0.40	
DX	NYON	WBDR AZ-3	0.0481 fts	88	1.0	-0.15	0.15
DY			0.0757 fts	89	1.0	-0.26	
DZ			0.0800 fts	90	0.9	0.26	
DX	NYON	WBDR AZ-28	0.0385 fts	76	1.6	0.14	1.63
DY			0.0660 fts	78	1.5	0.22	
DZ			0.0537 fts	73	1.7	1.86	
DX	NYON	WBDR AZ-26	0.0363 fts	66	2.0	0.00	3.05 
DY			0.0512 fts	63	2.1	-0.12	
DZ			0.0523 fts	69	2.1	1.88	
DX	NYON	WBDR AZ-25	0.0597 fts	91	0.9	-0.77	0.21
DY			0.0785 fts	86	1.1	-0.17	
DZ			0.0801 fts	91	1.1	0.33	
DX	NYON	WBDR AZ-24	0.0292 fts	76	1.6	-1.33	1.00
DY			0.0455 fts	77	1.6	-0.93	
DZ			0.0454 fts	75	1.6	0.23	
DX	NYON	WBDR AZ-22	0.0392 fts	85	1.1	0.16	0.11
DY			0.0614 fts	87	1.1	0.31	
DZ			0.0630 fts	88	1.1	-0.15	
DX	NYON	WBDR AZ-21	0.0334 fts	80	1.4	-1.00	0.60
DY			0.0522 fts	83	1.2	0.51	
DZ			0.0529 fts	84	1.3	0.16	
DX	NYON	WBDR AZ-20	0.0489 fts	87	1.1	-0.30	0.77
DY			0.0763 fts	91	1.0	-0.72	
DZ			0.0664 fts	86	1.1	-1.44	
DX	NYON	WBDR AZ-2	0.0407 fts	83	1.2	0.17	0.13
DY			0.0559 fts	83	1.2	-0.06	

DZ			0.0525 fts	83	1.3	0.32		
DX	NYON	WBDR AZ-19 OLD	0.0478 fts	87	1.1	0.50	0.91	
DY			0.0737 fts	90	1.1	-0.09		
DZ			0.0648 fts	85	1.1	-1.34		
DX	NYON	WBDR AZ-18	0.0481 fts	76	1.5	0.03	0.59	
DY			0.0606 fts	76	1.6	-0.64		
DZ			0.0568 fts	76	1.6	0.41		
DX	NYON	WBDR AZ-17	0.0623 fts	86	1.1	0.82	1.08	
DY			0.0776 fts	85	1.1	0.73		
DZ			0.0720 fts	85	1.2	1.47		
DX	NYON	WBDR AZ-16 OLD	0.0378 fts	86	1.1	2.25	2.16	
DY			0.0451 fts	83	1.2	2.04		
DZ			0.0604 fts	87	1.1	0.59		
DX	NYON	WBDR AZ-15	0.0339 fts	84	1.2	-0.30	0.11	
DY			0.0406 fts	80	1.3	-0.25		
DZ			0.0550 fts	86	1.2	0.28		
DX	NYON	WBDR AZ-14	0.0324 fts	75	1.6	1.29	1.16	
DY			0.0428 fts	75	1.6	1.48		
DZ			0.0395 fts	72	1.7	0.12		
DX	NYON	WBDR AZ-13	0.0448 fts	87	1.0	-0.16	0.36	
DY			0.0593 fts	88	1.1	-0.54		
DZ			0.0537 fts	86	1.1	-1.04		
DX	NYON	WBDR AZ-12	0.0426 fts	76	1.5	0.30	0.40	
DY			0.0787 fts	76	1.6	-0.44		
DZ			0.0693 fts	76	1.6	0.34		
DX	NYON	WBDR AZ-11	0.1052 fts	94	0.7	-0.45	0.19	
DY			0.1986 fts	94	0.7	-0.56		
DZ			0.1754 fts	94	0.7	-0.27		
DX	NYON	WBDR AZ-1	0.0475 fts	86	1.1	0.28	0.78	
DY			0.0652 fts	86	1.1	0.60		
DZ			0.0628 fts	87	1.1	1.24		
DX	NYON	EBDR AZ-8	0.0534 fts	86	1.1	-1.91	1.24	
DY			0.0799 fts	86	1.1	-0.09		
DZ			0.0638 fts	85	1.1	0.04		
DX	NYON	EBDR AZ-7 OLD	0.1012 fts	94	0.7	-0.77	0.46	
DY			0.1228 fts	92	0.8	-1.00		
DZ			0.1041 fts	92	0.8	-0.70		
DX	NYON	EBDR AZ-6	0.0389 fts	82	1.3	-0.44	1.17	
DY			0.0855 fts	87	1.1	0.58		
DZ			0.0638 fts	84	1.2	-0.97		
DX	NYON	EBDR AZ-5	0.0365 fts	79	1.4	-0.07	1.40	
DY			0.0786 fts	85	1.2	-0.01		
DZ			0.0604 fts	82	1.3	-1.70		
DX	NYON	EBDR AZ-4	0.0619 fts	90	0.9	-0.88	0.50	
DY			0.0745 fts	88	1.0	-0.67		
DZ			0.0904 fts	91	0.9	-0.89		
DX	NYON	EBDR AZ-3	0.0533 fts	89	1.0	0.20	0.69	
DY			0.0646 fts	86	1.1	0.51		
DZ			0.0813 fts	91	0.9	-0.70		
DX	NYON	EBDR AZ-22	0.0520 fts	82	1.3	0.07	0.55	
DY			0.1032 fts	86	1.2	-1.28		

DZ			0.0769 fts	83	1.2	-0.87		
DX	NYON	EBDR AZ-21	0.0675 fts	88	1.0	-0.48	0.13	
DY			0.1120 fts	86	1.1	0.33		
DZ			0.0952 fts	88	1.0	0.40		
DX	NYON	EBDR AZ-2	0.0425 fts	90	1.0	0.06	0.68	
DY			0.0525 fts	87	1.0	0.90		
DZ			0.0590 fts	89	0.9	-0.27		
DX	NYON	EBDR AZ-17	0.0577 fts	82	1.5	-2.17	 3.51	
DY			0.0602 fts	80	1.4	-1.40		
DZ			0.0529 fts	76	1.6	-3.17		
DX	NYON	EBDR AZ-1	0.0288 fts	79	1.6	0.18	1.27	
DY			0.0364 fts	75	1.6	0.23		
DZ			0.0391 fts	76	1.5	-1.53		
DX	EBDR AZ-20	EBDR AZ-6	0.0392 fts	79	1.4	0.11	0.28	
DY			0.0915 fts	82	1.3	0.45		
DZ			0.0632 fts	80	1.4	0.85		
DX	EBDR AZ-20	EBDR AZ-5	0.0372 fts	77	1.5	0.35	0.42	
DY			0.0846 fts	78	1.5	0.04		
DZ			0.0600 fts	76	1.5	0.76		
DX	EBDR AZ-20	EBDR AZ-19	0.0333 fts	60	2.3	-0.28	0.26	
DY			0.0737 fts	63	2.3	0.45		
DZ			0.0521 fts	57	2.4	-0.09		
DX	ROND AZ-3	ROND AZ-4	0.0367 fts	49	2.8	-0.35	0.09	
DY			0.0439 fts	45	2.9	0.20		
DZ			0.0571 fts	52	2.7	0.29		
DX	ROND AZ-3	ROND AZ-2	0.0442 fts	77	1.5	0.25	0.07	
DY			0.0592 fts	80	1.4	-0.24		
DZ			0.0703 fts	79	1.4	-0.31		
DX	ROND AZ-3	ROND AZ-1	0.0425 fts	74	1.6	0.14	0.11	
DY			0.0586 fts	80	1.4	-0.47		
DZ			0.0668 fts	76	1.5	-0.30		
DX	ASH AZ-11 OLD	ASH AZ-6 OLD	0.0547 fts	74	1.6	2.33	 2.20	
DY			0.1048 fts	83	1.5	1.70		
DZ			0.0837 fts	78	1.5	0.64		
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	0.0475 fts	56	2.4	-0.22	0.40	
DY			0.0863 fts	56	2.4	-1.09		
DZ			0.0696 fts	58	2.4	-0.91		
DX	ASH AZ-11 OLD	ASH AZ 11 NEW	0.0741 fts	82	1.4	-1.21	0.82	
DY			0.0986 fts	81	1.4	-1.02		
DZ			0.1184 fts	88	1.2	-1.29		
DX	NYHS	ASH AZ-26 OLD	0.0483 fts	85	1.2	-0.12	0.07	
DY			0.0745 fts	81	1.3	0.27		
DZ			0.0956 fts	89	1.1	0.28		
DX	NYHS	ASH AZ-25 OLD	0.0452 fts	82	1.4	0.86	1.23	
DY			0.0697 fts	78	1.4	1.89		
DZ			0.0869 fts	86	1.2	1.31		
DX	NYHS	ASH AZ-23	0.0888 fts	88	1.0	-0.15	0.92	
DY			0.1465 fts	87	1.1	1.34		
DZ			0.1505 fts	87	1.0	0.85		
		ASH AZ-22						









DX	NYHS	OLD	0.0477 fts	81	1.3	-0.64	0.34		
DY			0.0877 fts	84	1.2	-0.28			
DZ			0.0770 fts	79	1.4	0.66			
DX	NYHS	ASH AZ-21 OLD	0.0710 fts	91	0.9	0.20	0.07		
DY			0.1323 fts	93	0.8	-0.21			
DZ			0.1135 fts	90	0.9	-0.39			
DX	NYHS	ASH AZ-20	0.0424 fts	76	1.6	0.57	0.39		
DY			0.0936 fts	81	1.3	0.51			
DZ			0.0778 fts	79	1.5	-0.61			
DX	NYHS	ASH AZ-19	0.0432 fts	77	1.6	-0.93	0.44		
DY			0.0955 fts	83	1.2	0.42			
DZ			0.0780 fts	79	1.5	0.25			
DX	NYHS	ASH AZ-16	0.0616 fts	85	1.2	0.28	1.32		
DY			0.0899 fts	82	1.3	-1.64			
DZ			0.0791 fts	80	1.4	-1.79			
DX	NYHS	ASH AZ-15	0.0702 fts	87	1.0	0.24	1.05		
DY			0.1004 fts	85	1.2	-1.65			
DZ			0.0869 fts	83	1.2	-1.20			
DX	NYHS	ASH AZ-14	0.0794 fts	86	1.1	-0.65	0.55		
DY			0.1159 fts	87	1.1	0.19			
DZ			0.1252 fts	86	1.1	1.05			
DX	NYHS	ASH AZ-13	0.0683 fts	85	1.2	0.31	1.45		
DY			0.0898 fts	82	1.3	-1.08			
DZ			0.1099 fts	85	1.2	0.44			
DX	NYCS	WBDR AZ-28	0.0403 fts	78	1.5	0.29	0.94		
DY			0.0691 fts	80	1.4	1.60			
DZ			0.0563 fts	74	1.6	0.35			
DX	NYCS	WBDR AZ-27	0.0482 fts	79	1.4	-0.03	0.63		
DY			0.0824 fts	79	1.4	-0.42			
DZ			0.0693 fts	78	1.5	-1.29			
DX	NYCS	WBDR AZ-26	0.0387 fts	69	1.9	0.75	0.98		
DY			0.0542 fts	65	2.0	-0.25			
DZ			0.0557 fts	71	2.0	0.53			
DX	NYCS	WBDR AZ-25	0.0613 fts	91	0.9	-0.24	0.07		
DY			0.0815 fts	86	1.1	-0.24			
DZ			0.0839 fts	91	1.1	-0.26			
DX	NYCS	WBDR AZ-24	0.0325 fts	76	1.6	-0.17	0.05		
DY			0.0507 fts	78	1.5	-0.26			
DZ			0.0506 fts	76	1.6	-0.34			
DX	NYCS	WBDR AZ-23	0.0295 fts	70	1.8	3.03	3.62		
DY			0.0462 fts	73	1.8	-0.44			
DZ			0.0470 fts	72	1.8	-0.39			
DX	NYCS	WBDR AZ-15	0.0347 fts	72	1.8	-1.16	2.21		
DY			0.0435 fts	59	2.2	0.87			
DZ			0.0558 fts	74	1.7	2.25			
DX	NYCS	EBDR AZ-22	0.0560 fts	81	1.3	0.92	1.44		
DY			0.1106 fts	87	1.2	-1.79			
DZ			0.0830 fts	82	1.3	-1.16			
DX	NYCS	EBDR AZ-21	0.0692 fts	87	1.1	0.00	0.22		
DY			0.1148 fts	85	1.1	-0.63			
DZ			0.0977 fts	86	1.1	-0.03			
DX	NYKT	ROND AZ-8	0.0494 fts	87	1.3	-0.31	0.10		

DY			0.0644 fts	82	1.3	-0.39		
DZ			0.0629 fts	79	1.4	-0.47		
DX	NYKT	ROND AZ-7	0.0440 fts	84	1.6	-1.75	2.67	
DY			0.0574 fts	74	1.6	-2.25		
DZ			0.0588 fts	76	1.5	-2.11		
DX	NYKT	ROND AZ-6	0.0514 fts	85	1.1	-1.30	0.81	
DY			0.0823 fts	90	1.1	-0.17		
DZ			0.0699 fts	84	1.2	0.64		
DX	NYKT	ROND AZ-5	0.0514 fts	84	1.2	-0.38	0.30	
DY			0.0841 fts	91	1.1	0.49		
DZ			0.0691 fts	83	1.2	0.67		
DX	NYKT	ROND AZ-4	0.0731 fts	89	0.9	0.29	0.33	
DY			0.0915 fts	87	1.0	-0.64		
DZ			0.1148 fts	92	0.9	-0.21		
D0	NYKT	ROND AZ-2	0.0467 fts	79	1.4	0.73	0.43	
DY			0.0633 fts	76	1.4	0.36		
DZ			0.0738 fts	85	1.3	0.74		
DX	NYKT	ROND AZ-1	0.0470 fts	78	1.4	1.19	0.87	
DY			0.0660 fts	79	1.3	0.59		
DZ			0.0733 fts	84	1.3	0.95		
DX	NYKT	NEV AZ-3	0.0670 fts	88	1.0	0.19	0.97	
DY			0.1075 fts	91	0.9	-1.29		
DZ			0.0991 fts	90	0.9	-1.21		
DX	NYKT	EBDR AZ-28	0.0536 fts	88	1.0	1.16	1.52	
DY			0.0810 fts	86	1.1	-1.15		
DZ			0.0912 fts	91	1.1	-0.40		
DX	NYKT	EBDR AZ-27	0.0554 fts	88	1.0	-0.23	0.40	
DY			0.0821 fts	86	1.1	-0.93		
DZ			0.0977 fts	91	1.0	-0.26		
DX	NYKT	EBDR AZ-25 OLD	0.0898 fts	94	0.7	-0.30	0.08	
DY			0.1436 fts	94	0.7	0.11		
DZ			0.1828 fts	96	0.6	0.24		
DX	NYKT	EBDR AZ-24	0.0531 fts	88	1.0	0.40	1.60	
DY			0.0914 fts	88	1.0	-1.52		
DZ			0.0737 fts	85	1.1	-2.11		
DX	NYKT	ASH AZ-8	0.0407 fts	84	1.2	-0.63	0.43	
DY			0.0981 fts	87	1.1	0.00		
DZ			0.0761 fts	86	1.1	-0.45		
DX	NYKT	ASH AZ-7	0.0487 fts	89	1.0	0.07	0.53	
DY			0.1190 fts	91	0.9	0.41		
DZ			0.0906 fts	91	0.9	-0.55		
DX	NYKT	ASH AZ-5 OLD	0.0449 fts	83	1.3	0.69	0.18	
DY			0.0758 fts	85	1.3	0.23		
DZ			0.0618 fts	80	1.4	-0.13		
DX	NYKT	ASH AZ-4	0.0921 fts	90	1.0	-0.40	0.31	
DY			0.1306 fts	86	1.0	0.36		
DZ			0.1809 fts	94	0.8	0.76		
DX	NYKT	ASH AZ-30 OLD	0.0618 fts	91	0.9	1.25	0.84	
DY			0.1643 fts	94	0.7	0.85		
DZ			0.1053 fts	92	0.8	0.58		
DX	NYKT	ASH AZ-3	0.0559 fts	75	1.6	-1.78	1.55	

DY			0.0733 fts	74	1.7	-1.06		
DZ			0.0731 fts	71	1.7	1.09		
DX	NYKT	ASH AZ-29 OLD	0.0826 fts	96	0.6	-0.19	0.18	
DY			0.1944 fts	96	0.5	-0.72		
DZ			0.1410 fts	96	0.6	-0.18		
DX	NYKT	ASH AZ-28	0.0311 fts	83	1.3	0.42	1.67	
DY			0.0486 fts	83	1.3	2.03		⚠
DZ			0.0580 fts	85	1.2	1.49		
DX	NYKT	ASH AZ-27	0.0395 fts	90	1.0	1.47	2.09	⚠
DY			0.0628 fts	90	0.9	0.97		
DZ			0.0721 fts	91	0.9	2.24		⚠
DX	NYKT	ASH AZ-26 OLD	0.0385 fts	89	1.0	-0.92	0.64	
DY			0.0586 fts	88	1.0	0.24		
DZ			0.0737 fts	91	0.9	-0.60		
DX	NYKT	ASH AZ-25 OLD	0.0374 fts	89	1.0	0.07	1.76	
DY			0.0569 fts	87	1.0	1.95		
DZ			0.0724 fts	91	0.9	0.42		
DX	NYKT	ASH AZ-24	0.0909 fts	89	0.9	0.28	0.58	
DY			0.1568 fts	90	0.9	1.26		
DZ			0.1571 fts	90	0.9	0.76		
DX	NYKT	ASH AZ-23	0.0881 fts	90	0.9	-0.22	0.29	
DY			0.1436 fts	88	1.0	0.66		
DZ			0.1502 fts	90	0.9	0.41		
DX	NYKT	ASH AZ-22 OLD	0.0413 fts	86	1.1	0.07	0.24	
DY			0.0762 fts	88	1.0	0.43		
DZ			0.0664 fts	86	1.1	-0.36		
DX	NYKT	ASH AZ-21 OLD	0.0711 fts	94	0.6	0.61	0.41	
DY			0.1314 fts	95	0.6	-0.02		
DZ			0.1145 fts	95	0.6	-0.89		
DX	NYKT	ASH AZ-20	0.0380 fts	85	1.2	1.25	1.16	
DY			0.0873 fts	86	1.1	1.40		
DZ			0.0720 fts	86	1.1	-0.26		
DX	NYKT	ASH AZ-2	0.0849 fts	81	1.3	-0.31	0.04	
DY			0.1150 fts	80	1.3	-0.02		
DZ			0.1166 fts	87	1.2	0.22		
DX	NYKT	ASH AZ-19	0.0397 fts	86	1.1	-0.22	0.49	
DY			0.0907 fts	88	1.0	1.12		
DZ			0.0723 fts	87	1.1	0.38		
DX	NYKT	ASH AZ-18	0.0481 fts	81	1.5	-2.03	2.55	⚠
DY			0.0702 fts	78	1.5	-1.04		
DZ			0.0668 fts	77	1.5	1.54		
DX	NYKT	ASH AZ-17	0.0662 fts	89	1.0	-1.24	0.56	
DY			0.0905 fts	87	1.1	-1.17		
DZ			0.0947 fts	88	1.0	-0.47		
DX	NYKT	ASH AZ-16	0.0576 fts	88	1.0	0.57	0.73	
DY			0.0830 fts	86	1.1	-0.26		
DZ			0.0721 fts	86	1.1	-1.25		
DX	NYKT	ASH AZ-15	0.0658 fts	90	0.9	0.48	0.29	
DY			0.0935 fts	88	1.0	-0.39		





DZ			0.0789 fts	87	1.0	-0.79	
DX	NYKT	ASH AZ-14	0.0728 fts	86	1.1	-0.74	0.25
DY			0.1010 fts	86	1.1	-0.03	
DZ			0.1160 fts	87	1.1	0.42	
DX	NYKT	ASH AZ-13	0.0557 fts	83	1.3	0.34	0.30
DY			0.0664 fts	78	1.4	-0.47	
DZ			0.0910 fts	84	1.2	0.02	
DX	NYKT	ASH AZ-12 OLD	0.0690 fts	89	0.9	0.45	0.12
DY			0.1272 fts	89	0.9	-0.01	
DZ			0.1008 fts	90	0.9	-0.33	
DX	NYKT	ASH AZ-11 OLD	0.0751 fts	89	1.0	1.19	0.56
DY			0.1232 fts	85	1.1	0.02	
DZ			0.1158 fts	91	0.9	-0.48	
DX	NYKT	ASH AZ-10	0.1025 fts	57	2.5	-0.61	0.27
DY			0.1386 fts	49	2.8	-0.80	
DZ			0.1413 fts	49	2.8	-0.65	
DX	NYKT	ASH AZ-1	0.0565 fts	50	2.8	-0.28	0.22
DY			0.0754 fts	50	2.7	-0.21	
DZ			0.0728 fts	55	2.7	0.42	
DX	WBDR AZ-12	WBDR AZ-11	0.0451 fts	44	3.1	0.33	0.06
DY			0.0914 fts	46	3.0	0.18	
DZ			0.0789 fts	44	3.1	0.13	
DX	EBDR AZ-13 OLD	EBDR AZ-15	0.0642 fts	93	0.7	-0.15	0.72
DY			0.0910 fts	94	0.7	1.15	
DZ			0.0824 fts	94	0.7	1.40	
DX	EBDR AZ-13 OLD	ASH AZ-1	0.0989 fts	90	1.0	-0.64	0.39
DY			0.1207 fts	87	1.1	-0.18	
DZ			0.1065 fts	81	1.3	-0.32	
DX	EBDR AZ-22	EBDR AZ-8	0.0812 fts	90	0.9	-0.98	0.92
DY			0.1511 fts	92	0.8	1.13	
DZ			0.1085 fts	89	0.9	0.67	
DX	EBDR AZ-22	EBDR AZ-7 OLD	0.1734 fts	97	0.5	-0.25	0.12
DY			0.2957 fts	98	0.5	-0.59	
DZ			0.2064 fts	96	0.5	-0.32	
DX	EBDR AZ-22	EBDR AZ-21	0.0414 fts	38	3.6	0.81	1.53
DY			0.0761 fts	40	3.4	-1.87	
DZ			0.0606 fts	42	3.3	-1.73	
DX	BOICEVILLE	EBDR AZ-28	0.0643 fts	92	0.8	1.72	1.04
DY			0.0953 fts	91	0.8	0.38	
DZ			0.1051 fts	93	0.8	-0.28	
DX	BOICEVILLE	EBDR AZ-27	0.0681 fts	92	0.8	0.88	0.30
DY			0.1006 fts	91	0.8	0.20	
DZ			0.1177 fts	94	0.8	-0.34	
DX	BOICEVILLE	EBDR AZ-14 OLD	0.0687 fts	94	0.7	1.95	1.55
DY			0.0874 fts	91	0.8	-0.43	
DZ			0.0788 fts	91	0.8	-0.64	
DX	BOICEVILLE	EBDR AZ-13 OLD	0.0701 fts	94	0.7	1.70	1.70
DY			0.0847 fts	91	0.8	-0.63	
DZ			0.0751 fts	90	0.9	-0.36	

DX	BOICEVILLE	ASH AZ-8	0.0491 fts	91	0.9	0.07	0.65
DY			0.1200 fts	92	0.8	-1.32	
DZ			0.0948 fts	93	0.8	-1.14	
DX	BOICEVILLE	ASH AZ-7	0.0587 fts	93	0.7	0.34	0.20
DY			0.1438 fts	95	0.7	-0.44	
DZ			0.1086 fts	94	0.7	-0.76	
DX	BOICEVILLE	ASH AZ-5 OLD	0.0539 fts	89	1.0	2.11	1.97
DY			0.0904 fts	90	1.0	0.53	
DZ			0.0742 fts	88	1.0	-0.76	
DX	BOICEVILLE	ASH AZ-4	0.0956 fts	90	1.0	1.42	1.50
DY			0.1268 fts	88	1.0	1.34	
DZ			0.1468 fts	90	0.9	-1.16	
DX	BOICEVILLE	ASH AZ-30 OLD	0.0321 fts	65	2.0	-0.38	0.08
DY			0.0806 fts	72	1.7	0.16	
DZ			0.0535 fts	68	1.9	0.07	
DX	BOICEVILLE	ASH AZ-3	0.0650 fts	84	1.3	0.97	1.23
DY			0.0849 fts	83	1.3	0.31	
DZ			0.0850 fts	81	1.3	-1.57	
DX	BOICEVILLE	ASH AZ-29 OLD	0.0273 fts	52	2.7	0.70	0.31
DY			0.0631 fts	51	2.5	0.10	
DZ			0.0459 fts	55	2.5	-0.74	
DX	BOICEVILLE	ASH AZ-28	0.0181 fts	65	2.1	-1.05	0.40
DY			0.0284 fts	64	2.1	-0.80	
DZ			0.0339 fts	66	2.1	-0.35	
DX	BOICEVILLE	ASH AZ-27	0.0188 fts	66	2.0	-0.01	0.34
DY			0.0300 fts	66	2.0	-0.33	
DZ			0.0345 fts	66	2.0	-0.95	
DX	BOICEVILLE	ASH AZ-26 OLD	0.0198 fts	72	1.7	-1.74	2.03
DY			0.0302 fts	71	1.7	-1.58	
DZ			0.0381 fts	74	1.7	0.28	
DX	BOICEVILLE	ASH AZ-25 OLD	0.0192 fts	71	1.8	1.20	0.67
DY			0.0292 fts	70	1.8	0.13	
DZ			0.0371 fts	74	1.7	-0.16	
DX	BOICEVILLE	ASH AZ-24	0.0526 fts	39	3.4	0.26	0.43
DY			0.0889 fts	40	3.4	-0.82	
DZ			0.0902 fts	41	3.4	-0.56	
DX	BOICEVILLE	ASH AZ-23	0.0497 fts	50	2.7	-0.23	0.50
DY			0.0830 fts	51	2.7	-1.13	
DZ			0.0841 fts	51	2.7	-0.55	
DX	BOICEVILLE	ASH AZ-22 OLD	0.0286 fts	75	1.6	1.24	0.56
DY			0.0525 fts	77	1.5	0.49	
DZ			0.0459 fts	76	1.5	0.25	
DX	BOICEVILLE	ASH AZ-21 OLD	0.0331 fts	76	1.5	-0.28	0.17
DY			0.0603 fts	79	1.4	-0.65	
DZ			0.0527 fts	79	1.4	-0.56	
DX	BOICEVILLE	ASH AZ-20	0.0254 fts	66	2.0	-2.47	3.84
DY			0.0587 fts	67	1.9	1.14	
DZ			0.0473 fts	67	2.0	3.09	




DX	BOICEVILLE	ASH AZ-19	0.0252 fts	67	2.0	-2.20		3.76	
DY			0.0581 fts	68	1.9	1.46			
DZ			0.0464 fts	67	1.9	3.15			
DX	BOICEVILLE	ASH AZ-18	0.0404 fts	69	2.0	0.96		1.61	
DY			0.0586 fts	67	2.0	-0.15			
DZ			0.0549 fts	63	2.1	-1.86			
DX	BOICEVILLE	ASH AZ-17	0.0453 fts	72	1.8	0.14		0.18	
DY			0.0632 fts	68	1.9	0.27			
DZ			0.0635 fts	69	1.8	-0.28			
DX	BOICEVILLE	ASH AZ-16	0.0356 fts	63	2.1	0.02		2.69	
DY			0.0522 fts	59	2.3	2.27			
DZ			0.0450 fts	60	2.3	2.73			
DX	BOICEVILLE	ASH AZ-15	0.0397 fts	68	1.9	0.27		1.82	
DY			0.0574 fts	65	2.0	2.05			
DZ			0.0484 fts	64	2.1	2.13			
DX	BOICEVILLE	ASH AZ-14	0.0559 fts	75	1.6	-0.89		0.42	
DY			0.0769 fts	75	1.6	-0.57			
DZ			0.0892 fts	76	1.6	-0.68			
DX	BOICEVILLE	ASH AZ-13	0.0424 fts	66	2.0	-1.93		1.69	
DY			0.0515 fts	57	2.3	-0.86			
DZ			0.0690 fts	68	2.0	-1.04			
DX	BOICEVILLE	ASH AZ-12 OLD	0.0450 fts	71	1.7	1.38		1.28	
DY			0.0825 fts	70	1.7	-0.77			
DZ			0.0653 fts	74	1.7	-1.36			
DX	BOICEVILLE	ASH AZ-11 OLD	0.0497 fts	70	1.8	1.35		1.28	
DY			0.0833 fts	59	2.0	0.93			
DZ			0.0744 fts	73	1.8	-0.41			
DX	BOICEVILLE	ASH AZ-1	0.0669 fts	74	1.6	1.29		0.88	
DY			0.0904 fts	74	1.6	0.46			
DZ			0.0885 fts	78	1.6	-0.78			
DX	EBDR AZ-28	EBDR AZ-27	0.0312 fts	48	2.8	0.24		0.09	
DY			0.0466 fts	48	2.8	-0.38			
DZ			0.0542 fts	52	2.8	-0.19			
DX	EBDR AZ-15	EBDR AZ-2	0.0606 fts	92	0.8	-0.22		0.93	
DY			0.0755 fts	91	0.9	0.11			
DZ			0.0835 fts	92	0.8	-1.23			
DX	EBDR AZ-15	EBDR AZ-16 OLD	0.0301 fts	44	3.2	0.54		0.54	
DY			0.0377 fts	42	3.3	-0.20			
DZ			0.0407 fts	42	3.2	0.46			
DX	EBDR AZ-15	EBDR AZ-14 NEW	0.0713 fts	91	0.8	0.18		0.22	
DY			0.1016 fts	91	0.9	-0.70			
DZ			0.0919 fts	90	0.9	-0.66			
DX	EBDR AZ-15	EBDR AZ-13 NEW	0.0808 fts	91	0.9	0.16		0.42	
DY			0.1212 fts	91	0.9	0.28			
DZ			0.1162 fts	90	0.9	0.99			
DX	SUNDOWN	ROND AZ-8	0.0244 fts	46	3.2	-0.32		0.25	
DY			0.0321 fts	42	3.3	-0.58			
DZ			0.0312 fts	42	3.2	-0.80			
DX	SUNDOWN	ROND AZ-7	0.0240 fts	46	3.1	0.16		0.20	



DY			0.0315 fts	43	3.2	-0.23		
DZ			0.0309 fts	44	3.1	-0.76		
DX	SUNDOWN	ROND AZ-6	0.0246 fts	57	2.4	0.05	0.72	
DY			0.0394 fts	58	2.4	0.09		
DZ			0.0334 fts	56	2.4	1.05		
DX	SUNDOWN	ROND AZ-5	0.0246 fts	54	2.5	0.20	0.89	
DY			0.0399 fts	60	2.4	0.87		
DZ			0.0331 fts	53	2.6	1.59		
DX	SUNDOWN	ROND AZ-4	0.0421 fts	76	1.6	0.21	0.03	
DY			0.0503 fts	70	1.7	-0.10		
DZ			0.0662 fts	79	1.5	-0.15		
DX	SUNDOWN	ROND AZ-3	0.0398 fts	74	1.7	0.66	0.18	
DY			0.0479 fts	67	1.8	-0.03		
DZ			0.0624 fts	77	1.6	-0.15		
DX	SUNDOWN	ROND AZ-2	0.0318 fts	68	1.9	-0.44	0.27	
DY			0.0431 fts	66	1.9	0.03		
DZ			0.0503 fts	72	1.8	-0.44		
DX	SUNDOWN	ROND AZ-1	0.0311 fts	65	2.0	-0.16	0.21	
DY			0.0433 fts	68	1.9	0.02		
DZ			0.0485 fts	69	1.9	-0.51		
DX	SUNDOWN	NEV AZ-4	0.0387 fts	79	1.4	0.29	0.14	
DY			0.0619 fts	81	1.4	0.34		
DZ			0.0576 fts	80	1.4	0.56		
DX	SUNDOWN	NEV AZ-3	0.0421 fts	79	1.4	-0.02	0.09	
DY			0.0703 fts	84	1.3	0.40		
DZ			0.0612 fts	80	1.4	0.47		
DX	SUNDOWN	NEV AZ-2	0.0670 fts	83	1.3	-0.32	0.30	
DY			0.0975 fts	79	1.4	-0.52		
DZ			0.0843 fts	83	1.3	-0.86		
DX	SUNDOWN	NEV AZ-1	0.0614 fts	80	1.3	-0.53	0.49	
DY			0.1210 fts	85	1.1	-0.39		
DZ			0.0713 fts	81	1.3	-0.88		
DX	ASH AZ-1	EBDR AZ-14 OLD	0.1080 fts	91	0.9	0.44	0.19	
DY			0.1382 fts	90	1.0	0.09		
DZ			0.1229 fts	86	1.0	-0.52		
DX	ASH AZ-16	ASH AZ-15	0.0377 fts	40	3.4	0.08	0.10	
DY			0.0551 fts	36	3.6	0.06		
DZ			0.0467 fts	38	3.5	-0.39		
DX	CLARYVILLE	ROND AZ-8	0.0623 fts	93	0.9	0.86	2.31	⚠
DY			0.0815 fts	90	0.9	2.01		⚠
DZ			0.0785 fts	90	0.9	2.41		⚠
DX	CLARYVILLE	ROND AZ-7	0.0547 fts	91	1.0	0.90	2.90	⚠
DY			0.0719 fts	87	1.0	2.03		⚠
DZ			0.0705 fts	88	1.0	2.79		⚠
DX	CLARYVILLE	ROND AZ-6	0.0338 fts	75	1.6	0.44	1.62	
DY			0.0539 fts	80	1.5	-0.52		
DZ			0.0457 fts	75	1.6	-1.90		
DX	CLARYVILLE	ROND AZ-5	0.0355 fts	77	1.5	0.05	1.99	⚠
DY			0.0579 fts	85	1.4	-0.95		
DZ			0.0475 fts	77	1.5	-2.25		⚠
DX	CLARYVILLE	ROND AZ-4	0.0456 fts	80	1.6	-0.88	0.56	
DY			0.0506 fts	65	1.9	-0.02		

DZ			0.0648 fts	76	1.7	-0.29		
DX	CLARYVILLE	ROND AZ-3	0.0403 fts	73	1.9	-0.68	0.16	
DY			0.0462 fts	56	2.3	-0.31		
DZ			0.0584 fts	68	2.0	-0.09		
DX	CLARYVILLE	ROND AZ-2	0.0607 fts	92	0.9	-1.08	0.66	
DY			0.0749 fts	88	1.0	-1.31		
DZ			0.0861 fts	90	0.9	-0.47		
DX	CLARYVILLE	ROND AZ-1	0.0578 fts	91	0.9	-1.24	0.82	
DY			0.0751 fts	89	1.0	-1.49		
DZ			0.0812 fts	89	1.0	-0.70		
DX	CLARYVILLE	NEV AZ-4	0.0297 fts	52	2.6	0.26	0.34	
DY			0.0472 fts	56	2.6	-0.37		
DZ			0.0435 fts	53	2.6	-0.88		
DX	CLARYVILLE	NEV AZ-3	0.0335 fts	60	2.2	0.18	0.06	
DY			0.0538 fts	60	2.2	-0.20		
DZ			0.0484 fts	61	2.2	-0.29		
DX	CLARYVILLE	NEV AZ-2	0.0606 fts	80	1.6	0.31	0.52	
DY			0.0895 fts	68	1.7	0.57		
DZ			0.0795 fts	79	1.5	1.10		
DX	CLARYVILLE	NEV AZ-1	0.0465 fts	57	2.4	0.54	2.88	⚠
DY			0.0862 fts	64	2.3	1.96	⚠	
DZ			0.0547 fts	52	2.6	2.79	⚠	
DX	WBDR AZ-24	WBDR AZ-23	0.0225 fts	14	6.9	-0.97	0.43	
DY			0.0354 fts	14	6.9	-0.16		
DZ			0.0358 fts	14	7.0	-0.34		
DX	WBDR AZ-29	WBDR AZ-30	0.0223 fts	32	4.2	3.59	⚠	4.45 ⚠
DY			0.0339 fts	31	4.1	1.49		
DZ			0.0415 fts	37	3.8	1.53		
DX	ROND AZ-7	ROND AZ-8	0.0254 fts	44	3.2	-0.15	0.04	
DY			0.0333 fts	41	3.3	-0.32		
DZ			0.0326 fts	44	3.2	-0.29		
DX	ROND AZ-7	NEV AZ-2	0.0747 fts	87	1.2	-0.08	0.78	
DY			0.1071 fts	83	1.2	-0.87		
DZ			0.0945 fts	86	1.1	-1.49		
DX	MARGARETVILLE	WBDR AZ-24	0.0502 fts	88	1.0	2.26	⚠	3.34 ⚠
DY			0.0780 fts	90	1.0	0.64		
DZ			0.0776 fts	90	1.0	-1.57		
DX	MARGARETVILLE	WBDR AZ-18	0.0617 fts	86	1.1	-2.11	⚠	2.77 ⚠
DY			0.0769 fts	85	1.2	-2.06	⚠	
DZ			0.0718 fts	85	1.2	-2.02	⚠	
DX	MARGARETVILLE	WBDR AZ-17	0.0796 fts	91	0.9	-1.05	0.49	
DY			0.0990 fts	91	0.9	-0.76		
DZ			0.0936 fts	91	0.9	-0.64		
DX	MARGARETVILLE	EBDR AZ-9	0.0157 fts	55	2.5	2.90	⚠	3.09 ⚠
DY			0.0249 fts	54	2.5	0.82		
DZ			0.0291 fts	56	2.5	0.55		
DX	MARGARETVILLE	EBDR AZ-8	0.0356 fts	67	1.9	-0.26	0.22	
DY			0.0531 fts	67	1.9	0.66		
DZ			0.0427 fts	67	2.0	0.21		
DX	MARGARETVILLE	EBDR AZ-7 OLD	0.0531 fts	78	1.5	-0.54	0.50	
DY			0.0726 fts	76	1.5	0.82		
DZ			0.0609 fts	78	1.5	0.25		

DX	MARGARETVILLE EBDR AZ-6	0.0250 fts	72	1.7	1.10	0.43	
DY		0.0563 fts	73	1.7	-0.08		
DZ		0.0414 fts	73	1.7	-0.44		
DX	MARGARETVILLE EBDR AZ-5	0.0232 fts	65	2.0	1.23	0.51	
DY		0.0513 fts	66	2.0	0.21		
DZ		0.0387 fts	66	2.0	-0.39		
DX	MARGARETVILLE EBDR AZ-4	0.0461 fts	82	1.4	-0.60	1.69	
DY		0.0552 fts	78	1.5	-0.97		
DZ		0.0664 fts	83	1.3	0.97		
DX	MARGARETVILLE EBDR AZ-3	0.0426 fts	80	1.4	-0.94	2.13	
DY		0.0519 fts	76	1.5	-1.67		
DZ		0.0643 fts	84	1.3	0.44		
DX	MARGARETVILLE EBDR AZ-28	0.0371 fts	81	1.3	-1.22	0.95	
DY		0.0554 fts	80	1.4	-0.96		
DZ		0.0632 fts	82	1.3	-0.66		
DX	MARGARETVILLE EBDR AZ-27	0.0420 fts	84	1.2	-0.58	0.28	
DY		0.0625 fts	84	1.2	-0.40		
DZ		0.0738 fts	86	1.2	-0.46		
DX	MARGARETVILLE EBDR AZ-26	0.0227 fts	68	1.9	1.21	0.99	
DY		0.0387 fts	68	1.9	-0.34		
DZ		0.0427 fts	69	1.9	-0.11		
DX	MARGARETVILLE EBDR AZ-25 OLD	0.0406 fts	80	1.4	1.37	0.85	
DY		0.0639 fts	76	1.5	0.35		
DZ		0.0816 fts	84	1.3	0.98		
DX	MARGARETVILLE EBDR AZ-24	0.0285 fts	69	1.9	-0.91	0.57	
DY		0.0492 fts	70	1.8	0.72		
DZ		0.0396 fts	68	1.9	0.88		
DX	MARGARETVILLE EBDR AZ-23	0.0292 fts	65	2.0	-0.41	0.61	
DY		0.0507 fts	66	2.0	0.90		
DZ		0.0418 fts	65	2.0	1.29		
DX	MARGARETVILLE EBDR AZ-22	0.0605 fts	88	1.0	0.07	0.33	
DY		0.1208 fts	91	0.9	-0.95		
DZ		0.0896 fts	89	1.0	-0.86		
DX	MARGARETVILLE EBDR AZ-21	0.0832 fts	93	0.8	-0.34	0.05	
DY		0.1377 fts	91	0.8	0.14		
DZ		0.1183 fts	93	0.8	0.09		
DX	MARGARETVILLE EBDR AZ-20	0.0343 fts	78	1.5	1.22	0.83	
DY		0.0740 fts	77	1.5	1.43		
DZ		0.0547 fts	77	1.5	0.41		
DX	MARGARETVILLE EBDR AZ-2	0.0376 fts	86	1.2	0.70	0.80	
DY		0.0465 fts	83	1.2	1.00		
DZ		0.0520 fts	86	1.1	1.40		
DX	MARGARETVILLE EBDR AZ-19	0.0310 fts	72	1.7	2.14		1.54
DY		0.0659 fts	72	1.7	0.84		
DZ		0.0493 fts	73	1.7	-0.20		
DX	MARGARETVILLE EBDR AZ-18	0.0317 fts	62	2.3	-0.65	0.54	
DY		0.0376 fts	61	2.2	0.77		
DZ		0.0443 fts	74	1.8	0.44		
DX	MARGARETVILLE EBDR AZ-17	0.0418 fts	65	2.3	0.37	0.86	
DY		0.0427 fts	64	2.1	1.06		
DZ		0.0385 fts	57	2.4	1.54		
DX	MARGARETVILLE EBDR AZ-16 OLD	0.0316 fts	67	2.0	-3.16		4.04 







DY		0.0394 fts	65	2.0	-1.28		
DZ		0.0429 fts	66	2.0	-0.73		
DX	MARGARETVILLE EBDR AZ-15	0.0287 fts	77	1.6	-3.36	⚠	5.12 ⚠
DY		0.0365 fts	73	1.7	-1.19		
DZ		0.0385 fts	74	1.6	-1.11		
DX	MARGARETVILLE EBDR AZ-14 OLD	0.0265 fts	68	1.9	-0.52		0.33
DY		0.0341 fts	64	2.1	-0.60		
DZ		0.0307 fts	64	2.1	-0.76		
DX	MARGARETVILLE EBDR AZ-13 OLD	0.0250 fts	62	2.2	-1.40		2.66 ⚠
DY		0.0318 fts	57	2.4	-0.97		
DZ		0.0286 fts	56	2.4	-1.99	⚠	
DX	MARGARETVILLE EBDR AZ-12	0.0355 fts	58	2.4	-2.27	⚠	1.79
DY		0.0550 fts	57	2.4	-1.16		
DZ		0.0501 fts	58	2.4	-0.02		
DX	MARGARETVILLE EBDR AZ-11	0.0284 fts	39	3.5	-4.08	⚠	6.41 ⚠
DY		0.0447 fts	40	3.5	-1.91		
DZ		0.0390 fts	37	3.6	0.80		
DX	MARGARETVILLE EBDR AZ-10	0.0158 fts	54	2.6	2.90	⚠	3.35 ⚠
DY		0.0251 fts	54	2.6	0.64		
DZ		0.0292 fts	54	2.5	0.07		
DX	MARGARETVILLE EBDR AZ-1	0.0323 fts	83	1.4	0.98		1.15
DY		0.0405 fts	79	1.4	1.46		
DZ		0.0438 fts	81	1.3	1.57		
DX	MARGARETVILLE ASH AZ-8	0.0510 fts	90	0.9	-0.41		0.48
DY		0.1240 fts	92	0.8	1.16		
DZ		0.0958 fts	92	0.8	0.90		
DX	MARGARETVILLE ASH AZ-7	0.0672 fts	94	0.7	0.12		0.41
DY		0.1646 fts	95	0.6	1.05		
DZ		0.1263 fts	96	0.6	0.47		
DX	MARGARETVILLE ASH AZ-6 OLD	0.0572 fts	89	1.0	-3.32	⚠	3.87 ⚠
DY		0.0988 fts	91	1.0	-1.82		
DZ		0.0777 fts	88	1.0	-0.37		
DX	MARGARETVILLE ASH AZ-5 OLD	0.0478 fts	87	1.1	-3.03	⚠	3.16 ⚠
DY		0.0803 fts	88	1.1	-1.89		
DZ		0.0655 fts	86	1.1	-0.54		
DX	MARGARETVILLE ASH AZ-3	0.0704 fts	87	1.1	1.66		1.35
DY		0.0919 fts	86	1.1	1.92		
DZ		0.0914 fts	85	1.1	0.35		
DX	MARGARETVILLE ASH AZ-23	0.1009 fts	93	0.9	0.08		0.04
DY		0.1609 fts	94	0.9	0.16		
DZ		0.1510 fts	90	0.9	-0.08		
DX	MARGARETVILLE ASH AZ-18	0.0617 fts	89	1.1	1.53		0.96
DY		0.0901 fts	87	1.1	1.59		
DZ		0.0856 fts	87	1.0	0.45		
DX	MARGARETVILLE ASH AZ-17	0.0716 fts	90	1.0	0.67		0.19
DY		0.0978 fts	88	1.0	0.72		
DZ		0.1023 fts	90	0.9	0.48		
DX	MARGARETVILLE ASH AZ-16	0.0712 fts	91	0.8	-0.36		0.73
DY		0.1017 fts	90	0.9	-0.89		
DZ		0.0887 fts	90	0.9	-1.45		
DX	MARGARETVILLE ASH AZ-15	0.0809 fts	93	0.8	-0.35		0.71

DY			0.1155 fts	92	0.8	-1.17		
DZ			0.0972 fts	91	0.8	-1.37		
DX	MARGARETVILLE ASH AZ-14		0.0985 fts	94	0.8	1.66		1.20
DY			0.1265 fts	92	0.9	1.71		
DZ			0.1396 fts	90	0.9	0.51		
DX	MARGARETVILLE ASH AZ-13		0.0742 fts	91	0.9	1.35		1.18
DY			0.0876 fts	87	1.0	1.69		
DZ			0.1211 fts	91	0.9	0.48		
DX	WBDR AZ-20	WBDR AZ-19 OLD	0.0268 fts	53	2.5	-2.67		2.44 
DY			0.0403 fts	66	2.3	-1.99		
DZ			0.0353 fts	60	2.3	-0.76		
DX	WBDR AZ-2	WBDR AZ-1	0.0304 fts	45	3.1	-0.18		0.13
DY			0.0419 fts	46	3.0	-0.28		
DZ			0.0397 fts	46	3.0	-0.48		
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0722 fts	43	3.1	-0.16		0.20
DY			0.1023 fts	38	3.1	-0.68		
DZ			0.0914 fts	45	3.0	-0.51		
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0722 fts	56	2.5	0.16		0.20
DY			0.1023 fts	61	2.5	0.68		
DZ			0.0914 fts	54	2.6	0.51		
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0949 fts	82	1.3	0.05		0.13
DY			0.1320 fts	84	1.2	-0.17		
DZ			0.1369 fts	83	1.3	0.29		
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0809 fts	72	1.7	-0.01		0.21
DY			0.1155 fts	76	1.5	-0.48		
DZ			0.1185 fts	73	1.6	-0.78		
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.1182 fts	74	1.7	-1.16		0.59
DY			0.1834 fts	73	1.8	0.46		
DZ			0.1067 fts	64	2.0	0.89		
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.1182 fts	25	4.7	1.16		0.59
DY			0.1834 fts	26	4.5	-0.46		
DZ			0.1067 fts	35	4.0	-0.89		
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0829 fts	92	0.9	-0.06		0.23
DY			0.1168 fts	90	1.0	0.71		
DZ			0.1001 fts	87	1.0	0.50		
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0641 fts	84	1.2	-0.72		0.46
DY			0.1132 fts	88	1.0	0.70		
DZ			0.1047 fts	92	1.0	1.06		
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0296 fts	67	2.0	0.20		0.02
DY			0.0356 fts	67	1.9	0.18		
DZ			0.0446 fts	66	1.9	0.18		
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0405 fts	85	1.1	-0.14		0.04
DY			0.0463 fts	84	1.2	0.15		
DZ			0.0617 fts	88	1.1	-0.02		
DX	SHANDAKEN	ASH AZ 11 NEW	0.0608 fts	77	1.6	-0.39		0.07

DY			0.0772 fts	77	1.6	-0.04		
DZ			0.0709 fts	71	1.7	0.05		
DX	SHANDAKEN	ASH AZ 11 NEW	0.0516 fts	50	2.7	1.15	0.61	
DY			0.0670 fts	51	2.8	1.09		
DZ			0.0636 fts	41	3.1	0.93		
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0561 fts	70	1.7	-0.56	0.62	
DY			0.0750 fts	78	1.6	-0.27		
DZ			0.0690 fts	79	1.6	-0.84		
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0682 fts	86	1.3	-0.07	0.41	
DY			0.0832 fts	76	1.4	0.24		
DZ			0.0748 fts	77	1.4	0.94		
DX	ASH AZ-21 OLD	NYSDOT 8-U- 047	0.0387 fts	57	2.3	-0.24	0.41	
DY			0.0517 fts	68	2.2	-0.06		
DZ			0.0454 fts	67	2.1	-0.65		
DX	ASH AZ-21 OLD	NYSDOT 8-U- 047	0.0495 fts	85	1.3	-1.39	0.68	
DY			0.0601 fts	73	1.5	-0.98		
DZ			0.0516 fts	72	1.6	-0.71		
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0439 fts	62	2.1	-0.22	0.29	
DY			0.0804 fts	71	1.9	0.64		
DZ			0.0674 fts	56	2.4	0.77		
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0594 fts	85	1.2	2.52	2.29	 
DY			0.1052 fts	87	1.2	1.05		
DZ			0.0931 fts	86	1.2	1.16		
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0699 fts	92	0.9	0.69	0.27	
DY			0.0988 fts	90	1.0	-0.16		
DZ			0.0871 fts	88	1.0	-0.40		
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0701 fts	90	0.9	0.95	1.35	
DY			0.1221 fts	92	0.8	-1.65		
DZ			0.1142 fts	95	0.7	-1.77		
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0520 fts	64	2.1	-1.14	0.58	
DY			0.0687 fts	67	2.1	-1.11		
DZ			0.0592 fts	62	2.1	-0.68		
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0528 fts	66	2.0	-1.36	0.88	
DY			0.0693 fts	65	2.0	-0.46		
DZ			0.0606 fts	65	2.0	-0.22		
DX	ASH AZ-10	ASH AZ-9	0.0816 fts	42	3.5	0.14	0.29	
DY			0.1030 fts	26	4.1	-0.37		
DZ			0.0869 fts	45	3.9	0.08		
DX	ASH AZ-10	ASH AZ-9	0.0836 fts	63	2.0	0.11	0.31	
DY			0.1056 fts	75	1.8	0.63		
DZ			0.0894 fts	59	2.0	0.10		
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0309 fts	78	1.5	1.85	1.18	
DY			0.0374 fts	77	1.5	0.78		

DZ			0.0470 fts	75	1.5	0.07		
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0363 fts	84	1.2	1.70	1.00	
DY			0.0417 fts	83	1.3	1.03		
DZ			0.0556 fts	86	1.2	0.20		
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0250 fts	65	2.1	2.40	1.94	
DY			0.0302 fts	64	2.1	1.42		
DZ			0.0356 fts	56	2.3	0.04		
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0445 fts	91	0.8	1.33	0.59	
DY			0.0508 fts	90	0.9	0.67		
DZ			0.0677 fts	94	0.8	0.13		
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0293 fts	75	1.7	-1.55	0.83	
DY			0.0355 fts	74	1.6	-0.90		
DZ			0.0447 fts	72	1.7	0.07		
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0337 fts	81	1.3	-1.93	1.29	
DY			0.0388 fts	80	1.4	-1.10		
DZ			0.0517 fts	84	1.3	-0.54		
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0253 fts	66	2.0	-2.27	1.76	
DY			0.0305 fts	66	2.0	-0.96		
DZ			0.0360 fts	60	2.2	0.25		
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0414 fts	90	0.9	-1.35	0.66	
DY			0.0473 fts	88	1.0	-0.95		
DZ			0.0630 fts	93	0.9	-0.41		
DX	ASH AZ-22 OLD	U279 RESET 1973	0.0580 fts	75	1.6	0.45	0.34	
DY			0.0748 fts	78	1.6	-0.32		
DZ			0.0675 fts	77	1.7	-0.52		
DX	ASH AZ-22 OLD	U279 RESET 1973	0.0659 fts	85	1.3	0.80	0.56	
DY			0.0805 fts	74	1.4	0.85		
DZ			0.0724 fts	75	1.5	1.19		
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0418 fts	68	2.0	1.62	0.95	
DY			0.0547 fts	69	2.1	0.82		
DZ			0.0487 fts	71	2.0	0.52		
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0590 fts	89	1.1	-0.79	0.36	
DY			0.0763 fts	83	1.1	-0.22		
DZ			0.0638 fts	81	1.2	0.51		
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0628 fts	60	2.4	1.49	2.07	
DY			0.0672 fts	57	2.5	0.21		
DZ			0.0870 fts	55	2.5	-1.63		
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0781 fts	77	1.4	2.18	2.16	
DY			0.0872 fts	80	1.3	-0.02		
DZ			0.1122 fts	82	1.3	-0.81		
DX	ANDES	WBDR AZ-30	0.0439 fts	89	1.0	-3.39	5.61	
DY			0.0793 fts	92	0.8	-2.20		

DZ			0.0724 fts	87	1.0	-2.37	⚠		
DX	ANDES	WBDR AZ-30	0.0409 fts	87	1.1	0.63		2.22	⚠
DY			0.0663 fts	88	1.0	1.50			
DZ			0.0785 fts	90	1.0	-0.93			
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0393 fts	88	1.1	-0.92		4.24	⚠
DY			0.0479 fts	79	1.4	2.52	⚠		
DZ			0.0634 fts	84	1.3	2.51	⚠		
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0265 fts	63	2.2	1.20		2.29	⚠
DY			0.0397 fts	66	2.0	-1.40			
DZ			0.0503 fts	70	1.9	-1.02			
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0720 fts	76	1.7	-2.83	⚠	4.19	⚠
DY			0.0759 fts	73	1.7	-0.27			
DZ			0.0984 fts	72	1.7	1.60			
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0878 fts	82	1.2	-1.09		1.05	
DY			0.0996 fts	85	1.1	0.07			
DZ			0.1263 fts	85	1.1	1.23			
DX	EBDR AZ-26	EBDR AZ-25 NEW	0.0388 fts	55	2.5	-1.42		0.87	
DY			0.0675 fts	55	2.5	-1.31			
DZ			0.0610 fts	51	2.7	-0.79			
DX	EBDR AZ-26	EBDR AZ-25 NEW	0.0441 fts	75	1.7	-0.04		0.38	
DY			0.0740 fts	71	1.8	0.11			
DZ			0.0713 fts	77	1.6	-0.78			
DX	ASH AZ-27	ASH AZ-28	0.0183 fts	65	2.1	-1.10		1.09	
DY			0.0288 fts	63	2.2	-0.63			
DZ			0.0343 fts	68	2.0	0.75			
DX	ASH AZ-27	ASH AZ-28	0.0262 fts	83	1.3	2.79	⚠	4.93	⚠
DY			0.0456 fts	87	1.0	-0.19			
DZ			0.0428 fts	77	1.6	-2.88	⚠		
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0624 fts	31	4.1	-0.34		0.20	
DY			0.1169 fts	31	4.4	-0.46			
DZ			0.0687 fts	31	4.4	0.12			
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0624 fts	68	1.9	0.34		0.20	
DY			0.1169 fts	68	1.8	0.46			
DZ			0.0687 fts	68	1.8	-0.12			
DX	NYON	WBDR AZ-30	0.0330 fts	83	1.2	-3.81	⚠	5.13	⚠
DY			0.0590 fts	88	1.0	-1.64			
DZ			0.0549 fts	80	1.3	0.59			
DX	NYON	WBDR AZ-30	0.0313 fts	82	1.4	1.85		1.56	
DY			0.0482 fts	79	1.4	0.49			
DZ			0.0601 fts	86	1.2	1.36			
DX	NYON	WBDR AZ-29	0.0601 fts	94	0.7	0.73		0.25	
DY			0.1215 fts	97	0.5	0.50			
DZ			0.0976 fts	92	0.8	0.35			
DX	NYON	WBDR AZ-29	0.0376 fts	85	1.2	2.57	⚠	2.27	⚠
DY			0.0576 fts	84	1.2	0.88			
DZ			0.0728 fts	88	1.1	0.70			
DX	NYON	WBDR AZ-23	0.0645 fts	96	0.6	1.73		1.40	
DY			0.0982 fts	95	0.6	0.06			

DZ			0.1300 fts	97	0.5	0.94		
DX	NYON	WBDR AZ-23	0.0277 fts	73	1.7	1.12		1.34
DY			0.0436 fts	76	1.6	-0.64		
DZ			0.0443 fts	75	1.6	0.34		
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0772 fts	79	1.6	-0.04		0.33
DY			0.1032 fts	74	1.7	-0.50		
DZ			0.1309 fts	83	1.4	-0.95		
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0745 fts	70	1.8	-0.88		0.59
DY			0.1167 fts	73	1.5	-0.50		
DZ			0.1444 fts	82	1.2	0.61		
DX	NYCS	WBDR AZ-30	0.0347 fts	82	1.3	-4.19		6.08 
DY			0.0619 fts	89	1.1	-1.94		
DZ			0.0577 fts	79	1.4	-0.97		
DX	NYCS	WBDR AZ-30	0.0311 fts	77	1.6	-0.85		2.20 
DY			0.0476 fts	76	1.6	1.55		
DZ			0.0593 fts	82	1.4	-0.18		
DX	NYCS	WBDR AZ-29	0.0480 fts	91	1.0	1.60		2.12 
DY			0.0585 fts	82	1.3	0.23		
DZ			0.0767 fts	89	1.1	1.30		
DX	NYCS	WBDR AZ-29	0.0640 fts	94	0.7	0.75		0.20
DY			0.1283 fts	97	0.5	0.07		
DZ			0.1042 fts	92	0.8	-0.23		
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0860 fts	94	0.7	0.42		0.50
DY			0.1195 fts	93	0.8	0.92		
DZ			0.1011 fts	91	0.8	1.18		
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0761 fts	92	0.8	0.78		1.07
DY			0.1271 fts	93	0.7	-1.38		
DZ			0.1233 fts	96	0.7	-1.66		
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0346 fts	70	2.2	0.46		0.08
DY			0.0534 fts	52	2.9	0.29		
DZ			0.0454 fts	41	3.0	0.05		
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0331 fts	52	2.7	-2.11		2.58 
DY			0.0654 fts	76	1.6	1.65		
DZ			0.0532 fts	81	1.9	1.92		
DX	ASH AZ-1	ASH AZ-2	0.0385 fts	48	3.1	-0.78		0.51
DY			0.0539 fts	30	3.2	-0.94		
DZ			0.0514 fts	59	2.9	-0.12		
DX	ASH AZ-1	ASH AZ-2	0.0391 fts	56	2.5	0.94		0.64
DY			0.0552 fts	76	2.7	0.97		
DZ			0.0519 fts	44	2.8	0.03		
DX	WBDR AZ-20	D309 RESET 1995	0.0646 fts	81	1.4	1.87		1.58
DY			0.0849 fts	78	1.4	1.53		
DZ			0.0749 fts	79	1.4	1.01		
DX	WBDR AZ-20	D309 RESET 1995	0.0663 fts	82	1.4	1.24		0.75
DY			0.0863 fts	75	1.4	0.41		
DZ			0.0800 fts	83	1.3	0.13		

DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0619 fts	90	1.0	-0.50	0.18
DY			0.0899 fts	87	1.2	0.31	
DZ			0.0799 fts	78	1.4	0.30	
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0713 fts	92	0.8	-1.38	1.16
DY			0.1158 fts	91	0.8	1.05	
DZ			0.1173 fts	93	0.8	0.95	
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0376 fts	56	2.5	1.16	0.75
DY			0.0658 fts	61	2.1	-0.81	
DZ			0.0650 fts	74	2.0	-0.68	
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0598 fts	92	0.8	0.56	0.25
DY			0.0859 fts	94	0.7	-0.44	
DZ			0.0792 fts	93	0.7	-0.56	
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0778 fts	95	0.6	1.36	1.58
DY			0.1266 fts	96	0.5	-0.83	
DZ			0.1306 fts	98	0.5	-1.92	
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0805 fts	95	0.6	-0.89	0.52
DY			0.1745 fts	98	0.4	0.19	
DZ			0.1522 fts	98	0.5	1.02	
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0449 fts	84	1.3	0.93	0.33
DY			0.0647 fts	82	1.4	0.11	
DZ			0.0588 fts	76	1.5	0.10	
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0513 fts	88	1.0	0.18	0.54
DY			0.0819 fts	88	1.0	-1.23	
DZ			0.0839 fts	92	0.9	-0.97	
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0616 fts	92	0.8	-0.94	1.03
DY			0.1140 fts	94	0.7	0.68	
DZ			0.1141 fts	96	0.7	1.66	
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0712 fts	92	0.9	0.91	0.35
DY			0.1024 fts	90	1.0	-0.03	
DZ			0.0913 fts	84	1.1	-0.37	
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0822 fts	93	0.7	1.34	1.68
DY			0.1296 fts	93	0.7	-1.51	
DZ			0.1300 fts	94	0.7	-1.27	
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0555 fts	84	1.2	-1.79	1.58
DY			0.1072 fts	89	1.0	0.97	
DZ			0.1024 fts	92	1.0	1.79	
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0239 fts	70	1.9	-0.48	1.06
DY			0.0312 fts	60	2.3	-1.06	
DZ			0.0278 fts	57	2.3	0.47	
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0313 fts	84	1.2	-0.41	1.15
DY			0.0455 fts	87	1.1	0.67	
DZ			0.0422 fts	87	1.0	-0.69	
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0325 fts	85	1.1	1.24	1.23

DY			0.0706 fts	94	0.7	0.34	
DZ			0.0590 fts	95	0.8	-1.21	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0393 fts	78	1.5	0.59	0.28
DY			0.0572 fts	75	1.6	0.43	
DZ			0.0524 fts	70	1.7	-0.30	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0525 fts	89	1.0	-0.18	0.65
DY			0.0830 fts	89	0.9	-1.07	
DZ			0.0852 fts	93	0.9	-1.33	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0583 fts	91	0.9	-0.84	0.43
DY			0.1076 fts	93	0.7	0.77	
DZ			0.1078 fts	96	0.7	0.78	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0763 fts	93	0.8	1.18	0.62
DY			0.1097 fts	91	0.9	0.14	
DZ			0.0965 fts	86	1.0	-0.63	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0907 fts	95	0.6	1.18	1.40
DY			0.1411 fts	94	0.7	-1.33	
DZ			0.1408 fts	95	0.6	-1.48	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0513 fts	82	1.3	-1.23	0.85
DY			0.0969 fts	86	1.1	0.86	
DZ			0.0934 fts	90	1.1	0.61	

Redundancy:

W-Test:

T-Test (3-dimensional):

Estimated Errors (Observations)

Estimated Errors For Observations With Rejected W-Tests (max 10)

	Station	Target	W-Test	Fact	Est err
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	5.44	2.8	0.0371 fts
DX	FLEISCHMANN'S 2	EBDR AZ-11	4.51	2.3	0.0531 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	4.27	2.2	0.0236 fts
DX	NYCS	WBDR AZ-30	-4.19	2.1	-0.0519 fts
DX	MARGARETVILLE	EBDR AZ-11	-4.08	2.1	-0.0413 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	-3.96	2.0	-0.0568 fts
DX	NYON	WBDR AZ-30	-3.81	1.9	-0.0449 fts
DY	FLEISCHMANN'S 2	ASH AZ-7	-3.70	1.9	-0.0980 fts
DX	WBDR AZ-29	WBDR AZ-30	3.59	1.8	0.0286 fts
DY	FLEISCHMANN'S 2	ASH AZ-8	-3.53	1.8	-0.0967 fts

Estimated Errors For Observations With Rejected Antenna Hgt W-Tests (max 10)

Station	Target	W-Test	Fact	MDB [fts]	Est ant err [fts]
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WBDR AZ-26	WBDR AZ-25	2.97	1.5	0.0951	0.1008
ANDES	EBDR AZ-2	2.98	1.5	0.0514	0.0548
NYHC	EBDR AZ-3	-2.85	1.5	0.1354	-0.1380
NYHC	EBDR AZ-1	-3.13	1.6	0.0780	-0.0870
SOUTH KORTRIGHT	WBDR AZ-25	-2.95	1.5	0.0916	-0.0967
FLEISCHMANN'S 2	EBDR AZ-18	2.53	1.3	0.0699	0.0631
NYON	WBDR AZ-26	2.64	1.3	0.1013	0.0954
NYKT	ASH AZ-18	2.30	1.2	0.1324	0.1089
MARGARETVILLE	EBDR AZ-3	2.33	1.2	0.1006	0.0838
NYCS	WBDR AZ-30	-2.33	1.2	0.0762	-0.0636

Estimated Errors For Observations With Rejected T-Tests (max 10)

	Station	Target	T-Test	Fact	Est err
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	10.32	2.3	0.0358 fts
DY					0.0055 fts
DZ					-0.0145 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	8.16	2.1	0.0242 fts
DY					0.0149 fts
DZ					-0.0304 fts
DX	FLEISCHMANN'S 2	EBDR AZ-11	7.92	2.0	0.0539 fts
DY					0.0088 fts
DZ					-0.0341 fts
DX	MARGARETVILLE	EBDR AZ-11	6.41	1.8	-0.0411 fts
DY					-0.0094 fts
DZ					0.0270 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	6.13	1.8	-0.0758 fts
DY					0.0385 fts
DZ					-0.0361 fts
DX	NYCS	WBDR AZ-30	6.08	1.8	-0.0529 fts
DY					0.0063 fts
DZ					-0.0196 fts
DX	ANDES	EBDR AZ-1	5.89	1.8	0.0056 fts
DY					-0.0464 fts
DZ					0.0426 fts
DX	FLEISCHMANN'S 2	ASH AZ-8	5.62	1.7	0.0175 fts
DY					-0.0704 fts
DZ					-0.0261 fts
DX	ANDES	WBDR AZ-30	5.61	1.7	-0.0551 fts
DY					0.0126 fts
DZ					-0.0644 fts
DX	FLEISCHMANN'S 2	ASH AZ-7	5.52	1.7	0.0145 fts
DY					-0.0766 fts
DZ					-0.0197 fts

**GPS NETWORK ADJUSTMENT REPORT AZIMUTH PAIR
(FULLY CONSTRAINED)**

Network Adjustment

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Created: 10/02/2013 18:29:06


Project Information

Project name: Azimuth Pairs GPS Control
 Date created: 09/17/2013 09:04:14
 Time zone: -5h 00'
 Coordinate system name: NJNYEast (GRS80) Geoid09
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

General Information

Adjustment

Type: Constrained
 Dimension: 3D
 Coordinate system: WGS 1984
 Height mode: Ellipsoidal

Number of iterations: 1
 Maximum coord correction in last iteration: 0.0000 fts  (tolerance is met)

Stations

Number of (partly) known stations: 16
 Number of unknown stations: 117
 Total: 133

Observations

GPS coordinate differences: 1599 (533 baselines)
 Known coordinates: 43
 Total: 1642


Unknowns

Coordinates: 399
 Total: 399

Degrees of freedom: 1243

Testing

Alfa (multi dimensional): 0.7538
 Alfa 0 (one dimensional): 5.0 %
 Beta: 80.0 %
 Sigma a-priori (GPS): 10.0

Critical value W-test:	1.96	
Critical value T-test (2-dimensional):	2.42	
Critical value T-test (3-dimensional):	1.89	
Critical value F-test:	0.97	
F-test:	2.01	 (rejected)

Results based on a-posteriori variance factor

Input data

Approximate Coordinates

Station	Latitude	Longitude	Height [fts]	
ANDES	42° 11' 06.75397" N	74° 48' 02.96043" W	1718.0196	Known in Position and Height
ASH AZ 11 NEW	42° 06' 53.22695" N	74° 21' 49.77685" W	881.2663	
ASH AZ 6 NEW	42° 07' 48.54837" N	74° 28' 33.44018" W	1348.9799	
ASH AZ-1	42° 02' 42.93017" N	74° 26' 46.66194" W	1474.5968	
ASH AZ-10	42° 09' 08.37261" N	74° 24' 48.00756" W	1325.6954	
ASH AZ-11 OLD	42° 06' 54.35875" N	74° 21' 58.11306" W	882.3799	
ASH AZ-12 NEW	42° 06' 48.75606" N	74° 21' 37.52786" W	873.1629	
ASH AZ-12 OLD	42° 06' 53.27011" N	74° 21' 49.12300" W	878.2151	
ASH AZ-13	42° 07' 48.46585" N	74° 15' 36.86865" W	1243.3730	
ASH AZ-14	42° 07' 45.42029" N	74° 15' 47.54513" W	1219.1493	
ASH AZ-15	42° 06' 03.83022" N	74° 18' 04.46183" W	933.9434	
ASH AZ-16	42° 06' 05.29377" N	74° 17' 56.85952" W	952.1730	
ASH AZ-17	42° 04' 58.27750" N	74° 18' 56.95928" W	721.5359	
ASH AZ-18	42° 04' 52.88686" N	74° 19' 02.27568" W	728.0988	
ASH AZ-19	42° 04' 03.86847" N	74° 18' 27.66971" W	662.1961	
ASH AZ-2	42° 02' 48.29653" N	74° 26' 51.19293" W	1456.9395	
ASH AZ-20	42° 03' 58.58414" N	74° 18' 29.33185" W	659.8435	
ASH AZ-21 OLD	42° 04' 26.83923" N	74° 13' 23.59344" W	956.2327	
ASH AZ-22 OLD	42° 04' 19.43071" N	74° 13' 29.22553" W	941.4821	
ASH AZ-23	42° 04' 01.80367" N	74° 11' 07.04367" W	1011.8250	
ASH AZ-24	42° 04' 04.69566" N	74° 11' 19.50931" W	1024.3415	
ASH AZ-25 NEW	42° 01' 59.09582" N	74° 16' 30.82907" W	583.6335	
ASH AZ-25 OLD	42° 01' 59.25933" N	74° 16' 30.75769" W	584.2766	
ASH AZ-26 NEW	42° 02' 21.24705" N	74° 16' 42.99645" W	588.1176	
ASH AZ-26 OLD	42° 02' 04.07669" N	74° 16' 33.26676" W	586.0914	
ASH AZ-27	42° 00' 19.63105" N	74° 15' 59.12982" W	522.7312	
ASH AZ-28	42° 00' 27.99228" N	74° 16' 01.36252" W	540.5412	
ASH AZ-29 NEW	41° 58' 00.64806" N	74° 17' 12.08019" W	572.8065	
ASH AZ-29 OLD	41° 58' 17.31017" N	74° 16' 38.04472" W	519.2722	
ASH AZ-3	42° 06' 12.18345" N	74° 26' 42.14436" W	1117.0298	
ASH AZ-30 NEW	41° 58' 02.08852" N	74° 17' 13.79689" W	573.2135	
ASH AZ-30 OLD	41° 58' 09.94745" N	74° 16' 37.59758" W	516.7749	
ASH AZ-4	42° 06' 10.30187" N	74° 26' 35.49350" W	1113.5157	
ASH AZ-5 NEW	42° 07' 46.11073" N	74° 28' 27.10327" W	1384.6168	
ASH AZ-5 OLD	42° 08' 02.95335" N	74° 28' 39.52530" W	1394.7248	
ASH AZ-6 OLD	42° 07' 58.73597" N	74° 28' 35.32800" W	1387.6150	
ASH AZ-7	42° 07' 23.23673" N	74° 24' 00.31487" W	989.4379	
ASH AZ-8	42° 07' 16.18279" N	74° 23' 54.50074" W	969.1264	

ASH AZ-9	42° 09' 01.60366" N	74° 24' 46.24292" W	1297.7881	
BOICEVILLE	42° 00' 19.49179" N	74° 15' 59.29628" W	523.3431	Known in Position and Height
CLARYVILLE	41° 54' 58.11796" N	74° 34' 22.10447" W	1518.2482	Known in Position and Height
D309 RESET 1995	42° 16' 23.48353" N	74° 55' 19.12174" W	1280.9862	
DELHI	42° 16' 19.29117" N	74° 55' 36.38546" W	1456.7647	Known in Position
EBDR AZ 7 NEW	42° 08' 54.22974" N	74° 41' 41.86218" W	1280.0102	
EBDR AZ-1	42° 09' 45.13843" N	74° 47' 49.36549" W	1421.2668	
EBDR AZ-10	42° 08' 53.71124" N	74° 38' 45.80496" W	1218.8500	
EBDR AZ-11	42° 08' 48.46451" N	74° 37' 24.72448" W	1255.6816	
EBDR AZ-12	42° 08' 48.91474" N	74° 37' 34.16992" W	1272.1568	
EBDR AZ-13 NEW	42° 09' 41.08652" N	74° 37' 20.11440" W	1247.8111	
EBDR AZ-13 OLD	42° 09' 20.08572" N	74° 37' 12.14315" W	1268.5958	
EBDR AZ-14 NEW	42° 09' 41.11050" N	74° 37' 13.33067" W	1246.5751	
EBDR AZ-14 OLD	42° 09' 12.09154" N	74° 37' 11.94670" W	1262.8110	
EBDR AZ-15	42° 11' 05.73239" N	74° 35' 54.92852" W	1285.9837	
EBDR AZ-16 NEW	42° 11' 14.74983" N	74° 35' 54.58446" W	1289.7220	
EBDR AZ-16 OLD	42° 11' 14.65737" N	74° 35' 54.55695" W	1289.4507	
EBDR AZ-17	42° 12' 32.32830" N	74° 35' 53.23798" W	1409.7293	
EBDR AZ-18	42° 12' 34.54670" N	74° 35' 45.11235" W	1425.1323	
EBDR AZ-19	42° 12' 42.60158" N	74° 34' 00.64007" W	1588.4889	
EBDR AZ-2	42° 09' 48.88054" N	74° 47' 44.55514" W	1465.0955	
EBDR AZ-20	42° 12' 41.58793" N	74° 34' 11.08563" W	1528.8280	
EBDR AZ-21	42° 17' 19.61795" N	74° 33' 53.01720" W	1376.7103	
EBDR AZ-22	42° 17' 25.81004" N	74° 33' 49.12749" W	1379.3250	
EBDR AZ-23	42° 07' 51.52719" N	74° 34' 43.54567" W	1403.2870	
EBDR AZ-24	42° 07' 47.82705" N	74° 34' 34.36433" W	1420.0983	
EBDR AZ-25 NEW	42° 09' 33.90497" N	74° 33' 19.80873" W	1358.5718	
EBDR AZ-25 OLD	42° 09' 33.43196" N	74° 33' 18.53065" W	1357.6978	
EBDR AZ-26	42° 09' 35.60268" N	74° 33' 25.50410" W	1355.8037	
EBDR AZ-27	42° 09' 19.89722" N	74° 32' 07.92730" W	1391.2423	
EBDR AZ-28	42° 09' 20.02651" N	74° 32' 00.79075" W	1398.6672	
EBDR AZ-3	42° 11' 08.82864" N	74° 47' 16.15062" W	1488.5373	
EBDR AZ-4	42° 11' 17.57946" N	74° 47' 13.39457" W	1495.6591	
EBDR AZ-5	42° 07' 38.27410" N	74° 41' 26.70229" W	1223.5469	
EBDR AZ-6	42° 07' 41.33595" N	74° 41' 33.98311" W	1227.1394	
EBDR AZ-7 OLD	42° 08' 53.54146" N	74° 41' 42.63295" W	1278.2225	
EBDR AZ-8	42° 08' 58.13196" N	74° 41' 37.59439" W	1293.3221	
EBDR AZ-9	42° 08' 57.37484" N	74° 38' 40.40473" W	1228.9577	
FLEISCHMANN'S 2	42° 09' 25.63489" N	74° 32' 44.49258" W	1412.8142	Known in Position and Height
MARGARETVILLE	42° 08' 55.47282" N	74° 38' 42.75589" W	1220.2711	Known in Position and Height
NEV AZ-1	41° 55' 12.86251" N	74° 34' 26.56373" W	1540.0565	
NEV AZ-2	41° 55' 06.42641" N	74° 34' 19.61519" W	1527.0706	
NEV AZ-3	41° 55' 34.07977" N	74° 33' 12.17560" W	1596.4562	
NEV AZ-4	41° 55' 32.20705" N	74° 33' 21.29616" W	1588.7073	
NYCS	42° 40' 02.83667" N	74° 29' 10.94851" W	888.0527	Known in Position
NYHC	41° 57' 29.98185" N	75° 17' 33.87629" W	855.3675	Known in Position
NYHS	42° 15' 08.35963" N	73° 45' 27.16055" W	72.4080	Known in Position
NYKT	41° 56' 12.97178" N	74° 01' 52.21841" W	99.5897	Known in Position and Height

NYON	42° 26' 24.81517" N	75° 06' 42.50851" W	1007.4455	Known in Position
NYSDOT 8-U-047	42° 04' 26.89237" N	74° 13' 23.49802" W	956.8757	
PHOENICIA	42° 04' 52.66987" N	74° 19' 03.41509" W	737.0649	Known in Position and Height
ROND AZ-1	41° 53' 19.47285" N	74° 27' 51.35462" W	891.9241	
ROND AZ-2	41° 53' 17.00075" N	74° 27' 44.26722" W	912.9100	
ROND AZ-3	41° 51' 32.44370" N	74° 34' 46.77245" W	1055.2150	
ROND AZ-4	41° 51' 33.08910" N	74° 34' 36.96792" W	1040.2045	
ROND AZ-5	41° 50' 45.78857" N	74° 32' 39.46350" W	811.5215	
ROND AZ-6	41° 50' 38.91133" N	74° 32' 40.77152" W	821.5569	
ROND AZ-7	41° 51' 31.69251" N	74° 30' 41.58097" W	763.8009	
ROND AZ-8	41° 51' 38.14095" N	74° 30' 35.04349" W	755.8987	
SHANDAKEN	42° 06' 58.89216" N	74° 22' 14.64413" W	895.4744	Known in Position and Height
SOUTH KORTRIGHT	42° 20' 32.04395" N	74° 43' 05.30688" W	1421.3608	Known in Position and Height
SUNDOWN	41° 51' 11.56247" N	74° 30' 48.43620" W	757.4956	Known in Position and Height
U279 RESET 1973	42° 04' 16.10977" N	74° 13' 30.47581" W	947.4874	
WALTON	42° 10' 02.90523" N	75° 07' 59.75080" W	1108.4625	Known in Position and Height
WBDR AZ-1	42° 09' 19.07342" N	75° 09' 49.29915" W	1111.2118	
WBDR AZ-10	42° 10' 47.31727" N	75° 06' 39.78750" W	1176.5384	
WBDR AZ-11	42° 15' 25.48819" N	75° 03' 01.60080" W	1530.8995	
WBDR AZ-12	42° 15' 38.81567" N	75° 03' 07.01640" W	1553.5161	
WBDR AZ-13	42° 11' 21.43873" N	74° 59' 50.63822" W	1185.4553	
WBDR AZ-14	42° 11' 14.40066" N	74° 59' 45.30032" W	1167.0446	
WBDR AZ-15	42° 12' 29.05461" N	74° 58' 33.06012" W	1192.1149	
WBDR AZ-16 NEW	42° 12' 32.73610" N	74° 58' 50.01460" W	1208.6500	
WBDR AZ-16 OLD	42° 12' 34.53427" N	74° 58' 38.33685" W	1185.8010	
WBDR AZ-17	42° 15' 38.98849" N	74° 47' 22.24795" W	1557.9261	
WBDR AZ-18	42° 15' 34.37142" N	74° 47' 28.96614" W	1538.8436	
WBDR AZ-19 OLD	42° 16' 24.02302" N	74° 55' 19.13742" W	1278.7948	
WBDR AZ-2	42° 09' 22.82295" N	75° 09' 36.42191" W	1095.5919	
WBDR AZ-20	42° 16' 13.33419" N	74° 55' 16.79152" W	1260.5983	
WBDR AZ-21	42° 16' 46.10842" N	74° 54' 38.92609" W	1264.6524	
WBDR AZ-22	42° 16' 41.83283" N	74° 54' 43.99886" W	1266.7376	
WBDR AZ-23	42° 19' 02.50294" N	74° 49' 34.96295" W	1311.3709	
WBDR AZ-24	42° 19' 05.48076" N	74° 49' 22.25446" W	1330.3646	
WBDR AZ-25	42° 20' 39.72593" N	74° 43' 20.56306" W	1414.8263	
WBDR AZ-26	42° 20' 38.10173" N	74° 43' 11.28769" W	1414.4796	
WBDR AZ-27	42° 22' 14.76490" N	74° 40' 19.57706" W	1522.5807	
WBDR AZ-28	42° 22' 16.89511" N	74° 40' 11.55290" W	1532.5706	
WBDR AZ-29	42° 24' 08.04984" N	74° 37' 38.76803" W	1641.4713	
WBDR AZ-3	42° 10' 10.13320" N	75° 08' 03.72122" W	1112.2934	
WBDR AZ-30	42° 24' 13.72408" N	74° 37' 42.38249" W	1672.9570	
WBDR AZ-4	42° 10' 14.90333" N	75° 07' 59.96095" W	1109.6640	
WBDR AZ-5	42° 11' 37.14798" N	75° 09' 18.23294" W	1433.1326	
WBDR AZ-6	42° 11' 45.13322" N	75° 09' 25.65767" W	1407.3254	
WBDR AZ-7	42° 12' 12.51592" N	75° 07' 10.84221" W	1219.5057	
WBDR AZ-8	42° 12' 22.12969" N	75° 07' 06.34928" W	1243.7190	
WBDR AZ-9	42° 10' 44.48471" N	75° 06' 45.44642" W	1177.9583	

Observations

	Station	Target	St. ih	Tg. ih	Reading
DX	NYSDOT 8-U-047	U279 RESET 1973			-309.5311 fts
DY					-840.1896 fts
DZ					-816.5859 fts
DX	SHANDAKEN	ASH AZ-12 NEW			2875.0320 fts
DY					107.2332 fts
DZ					-776.0932 fts
DX	SHANDAKEN	ASH AZ-11 OLD			1280.2015 fts
DY					48.6974 fts
DZ					-349.1992 fts
DX	ASH AZ-21 OLD	ASH AZ-22 OLD			-275.1526 fts
DY					-588.5524 fts
DZ					-566.6078 fts
DX	EBDR AZ-25 OLD	EBDR AZ-26			-545.8953 fts
DY					3.6613 fts
DZ					161.6627 fts
DX	ASH AZ-28	ASH AZ-21 OLD			7145.4629 fts
DY					18518.5809 fts
DZ					18234.9156 fts
DX	ASH AZ-29 OLD	ASH AZ-30 OLD			167.0831 fts
DY					-468.8595 fts
DZ					-555.7937 fts
DX	ASH AZ-29 OLD	ASH AZ-29 NEW			-2158.6329 fts
DY					-1820.8078 fts
DZ					-1217.9487 fts
DX	ASH AZ-29 OLD	ASH AZ-21 OLD			7417.2968 fts
DY					27772.8751 fts
DZ					28081.6274 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20			356.0874 fts
DY					-643.8989 fts
DZ					-812.9845 fts
DX	EBDR AZ-19	EBDR AZ-6			-27563.8237 fts
DY					-28533.5011 fts
DZ					-22846.9545 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8			286.7350 fts
DY					390.1823 fts
DZ					354.6820 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21			24969.7710 fts
DY					42491.7525 fts
DZ					38008.9114 fts
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW			43.9910 fts
DY					59.1722 fts
DZ					52.8538 fts
DX	NEV AZ-2	ROND AZ-8			19971.5510 fts
DY					-8487.6983 fts
DZ					-16210.9451 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2			-49995.9222 fts

DY			-19859.6361 fts
DZ			-6317.3954 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	30580.3523 fts
DY			4304.1104 fts
DZ			-5257.1035 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	23078.5574 fts
DY			9049.0351 fts
DZ			3074.2104 fts
DX	ASH AZ-7	ASH AZ-8	546.7967 fts
DY			-328.9669 fts
DZ			-543.2905 fts
DX	ASH AZ-7	ASH AZ-20	27709.7776 fts
DY			-6407.8157 fts
DZ			-15594.0199 fts
DX	ASH AZ-7	ASH AZ-19	27734.0207 fts
DY			-6030.5600 fts
DZ			-15195.3072 fts
DX	ASH AZ-7	ASH AZ-16	27800.0401 fts
DY			2322.0777 fts
DZ			-5878.3176 fts
DX	ASH AZ-7	ASH AZ-15	27271.5246 fts
DY			2084.3466 fts
DZ			-6000.4757 fts
DX	ASH AZ-8	ASH AZ-20	27162.9811 fts
DY			-6078.8706 fts
DZ			-15050.7174 fts
DX	NEV AZ-4	ROND AZ-5	8052.7685 fts
DY			-17257.6368 fts
DZ			-22104.2564 fts
DX	EBDR AZ-4	EBDR AZ-17	48024.0014 fts
DY			18480.4428 fts
DZ			5548.3371 fts
DX	ROND AZ-1	ROND AZ-4	-27626.6539 fts
DY			-15224.2526 fts
DZ			-7919.8185 fts
DX	WBDR AZ-21	WBDR AZ-22	-292.0188 fts
DY			-381.9176 fts
DZ			-318.8523 fts
DX	ASH AZ-10	ASH AZ-14	40708.0829 fts
DY			5643.5678 fts
DZ			-6298.3494 fts
DX	EBDR AZ-3	EBDR AZ-4	45.4773 fts
DY			623.5469 fts
DZ			661.0844 fts
DX	EBDR AZ-3	EBDR AZ-17	48069.4606 fts
DY			19103.9654 fts
DZ			6209.4273 fts
DX	ROND AZ-2	ROND AZ-4	-28192.0984 fts
DY			-15191.8081 fts
DZ			-7747.5436 fts
DX	ROND AZ-2	ROND AZ-1	-565.4456 fts
DY			32.4408 fts
DZ			172.2783 fts

DX	ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0695 fts
DY			468.8247 fts
DZ			555.8019 fts
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	-2325.7343 fts
DY			-1351.9199 fts
DZ			-662.1780 fts
DX	ASH AZ-25 OLD	ASH AZ-28	3803.4682 fts
DY			-5320.1049 fts
DZ			-6892.8798 fts
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622 fts
DY			261.6971 fts
DZ			363.4070 fts
DX	ASH AZ-26 OLD	ASH AZ-28	4073.8753 fts
DY			-5581.7934 fts
DZ			-7256.3134 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	270.4079 fts
DY			-261.6840 fts
DZ			-363.4378 fts
DX	WBDR AZ-26	WBDR AZ-25	-701.0999 fts
DY			-76.9885 fts
DZ			121.7912 fts
DX	EBDR AZ-8	EBDR AZ-7 OLD	-286.7438 fts
DY			-390.1907 fts
DZ			-354.6702 fts
DX	EBDR AZ-8	EBDR AZ 7 NEW	-242.7098 fts
DY			-331.0757 fts
DZ			-301.7950 fts
DX	WBDR AZ-9	WBDR AZ-10	362.0647 fts
DY			296.5531 fts
DZ			211.5534 fts
DX	EBDR AZ-5	EBDR AZ-6	-583.3859 fts
DY			53.0973 fts
DZ			232.3152 fts
DX	EBDR AZ-23	EBDR AZ-24	737.0970 fts
DY			-70.2536 fts
DZ			-266.5149 fts
DX	WBDR AZ-14	WBDR AZ-13	-508.5204 fts
DY			345.0062 fts
DZ			540.2611 fts
DX	ASH AZ-22 OLD	ASH AZ-9	-54238.6068 fts
DY			4394.5381 fts
DZ			21429.8620 fts
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	-6975.1002 fts
DY			-27653.0886 fts
DZ			-28070.8727 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	-7142.1714 fts
DY			-27184.3416 fts
DZ			-27515.0255 fts
DX	ASH AZ-22 OLD	ASH AZ-28	-6870.3284 fts
DY			-17929.9911 fts
DZ			-17668.3576 fts

DX	ASH AZ-22 OLD	ASH AZ-21 OLD	275.1242 fts
DY			588.5674 fts
DZ			566.5810 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	22750.1999 fts
DY			8708.5235 fts
DZ			2792.4544 fts
DX	EBDR AZ-9	EBDR AZ-10	-328.3816 fts
DY			-340.4945 fts
DZ			-281.7569 fts
DX	WBDR AZ-8	WBDR AZ-7	-163.5264 fts
DY			-701.4030 fts
DZ			-737.1971 fts
DX	WBDR AZ-18	WBDR AZ-17	408.7636 fts
DY			422.2606 fts
DZ			358.7611 fts
DX	ASH AZ-19	ASH AZ-8	-27187.2204 fts
DY			5701.5977 fts
DZ			14652.0221 fts
DX	ASH AZ-19	ASH AZ-20	-24.2373 fts
DY			-377.2762 fts
DZ			-398.6979 fts
DX	ASH AZ-13	ASH AZ-14	-723.1497 fts
DY			-399.9929 fts
DZ			-244.9148 fts
DX	ASH AZ-13	ASH AZ-10	-41431.2549 fts
DY			-6043.5205 fts
DZ			6053.4252 fts
DX	ASH AZ-18	ASH AZ-6 OLD	-44867.5972 fts
DY			59.9626 fts
DZ			14400.1446 fts
DX	ASH AZ-18	ASH AZ-17	285.8063 fts
DY			465.1768 fts
DZ			400.6132 fts
DX	WBDR AZ-16 OLD	WBDR AZ-15	481.3888 fts
DY			-261.5195 fts
DZ			-406.6574 fts
DX	EBDR AZ-12	EBDR AZ-11	690.9871 fts
DY			170.9574 fts
DZ			-44.8508 fts
DX	ROND AZ-6	ROND AZ-5	-30.3282 fts
DY			481.2100 fts
DZ			511.9155 fts
DX	ROND AZ-6	NEV AZ-4	-8083.1018 fts
DY			17738.8536 fts
DZ			22616.1706 fts
DX	FLEISCHMANNNS 2	EBDR AZ-9	-25373.4254 fts
DY			-8841.4678 fts
DZ			-2244.3451 fts
DX	FLEISCHMANNNS 2	EBDR AZ-8	-38247.6271 fts
DY			-12367.1266 fts
DZ			-2144.3148 fts
DX	FLEISCHMANNNS 2	EBDR AZ-7 OLD	-38534.3723 fts

DY			-12757.3166 fts
DZ			-2498.9864 fts
DX	FLEISCHMANNNS 2	EBDR AZ-6	-36621.1859 fts
DY			-17278.9639 fts
DZ			-7953.5898 fts
DX	FLEISCHMANNNS 2	EBDR AZ-5	-36037.8006 fts
DY			-17332.0539 fts
DZ			-8185.9102 fts
DX	FLEISCHMANNNS 2	EBDR AZ-4	-65100.0942 fts
DY			-10024.8190 fts
DZ			8454.6191 fts
DX	FLEISCHMANNNS 2	EBDR AZ-28	3271.5207 fts
DY			520.3601 fts
DZ			-430.3998 fts
DX	FLEISCHMANNNS 2	EBDR AZ-27	2754.2921 fts
DY			373.8504 fts
DZ			-445.0833 fts
DX	FLEISCHMANNNS 2	EBDR AZ-26	-3169.1899 fts
DY			-129.2832 fts
DZ			709.7446 fts
DX	FLEISCHMANNNS 2	EBDR AZ-25 OLD	-2623.2524 fts
DY			-132.9405 fts
DZ			548.1292 fts
DX	FLEISCHMANNNS 2	EBDR AZ-24	-6208.9715 fts
DY			-8612.9945 fts
DZ			-7336.8247 fts
DX	FLEISCHMANNNS 2	EBDR AZ-23	-6946.0712 fts
DY			-8542.7313 fts
DZ			-7070.3147 fts
DX	FLEISCHMANNNS 2	EBDR AZ-22	-13394.5664 fts
DY			30217.0130 fts
DZ			35975.4040 fts
DX	FLEISCHMANNNS 2	EBDR AZ-21	-13564.6481 fts
DY			29734.4660 fts
DZ			35509.9072 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	-9808.5719 fts
DY			11021.4792 fts
DZ			14777.2813 fts
DX	FLEISCHMANNNS 2	EBDR AZ-2	-65788.6917 fts
DY			-16436.3476 fts
DZ			1779.5027 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	-9057.3679 fts
DY			11254.5272 fts
DZ			14893.3734 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	-16523.5773 fts
DY			8752.5451 fts
DZ			14179.6364 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	-15792.7783 fts
DY			3423.2590 fts
DZ			8096.9743 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	-15659.2971 fts
DY			2833.3424 fts

DZ			7425.1592 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	-19206.3499 fts
DY			-6135.6889 fts
DZ			-1117.0721 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	-19363.5279 fts
DY			-5620.0428 fts
DZ			-513.2391 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	-20401.1718 fts
DY			-8104.4474 fts
DZ			-2850.3555 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	-19710.1809 fts
DY			-7933.4825 fts
DZ			-2895.2229 fts
DX	FLEISCHMANNNS 2	EBDR AZ-10	-25701.8072 fts
DY			-9181.9626 fts
DZ			-2526.1021 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	-66080.1508 fts
DY			-16745.3822 fts
DZ			1469.2367 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	40740.4717 fts
DY			2535.4819 fts
DZ			-10015.2602 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	19661.4136 fts
DY			-657.6005 fts
DZ			-6539.5940 fts
DX	FLEISCHMANNNS 2	ASH AZ-5 OLD	19281.4397 fts
DY			-471.3563 fts
DZ			-6218.2089 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	30281.1158 fts
DY			-5134.7915 fts
DZ			-14865.9433 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	29764.5354 fts
DY			-5148.7270 fts
DZ			-14722.2783 fts
DX	FLEISCHMANNNS 2	ASH AZ-20	67903.4582 fts
DY			-3543.3212 fts
DZ			-25065.9300 fts
DX	FLEISCHMANNNS 2	ASH AZ-19	67927.6807 fts
DY			-3166.0611 fts
DZ			-24667.2244 fts
DX	FLEISCHMANNNS 2	ASH AZ-18	64529.0675 fts
DY			-717.5855 fts
DZ			-20939.7979 fts
DX	FLEISCHMANNNS 2	ASH AZ-17	64814.8737 fts
DY			-252.4356 fts
DZ			-20539.1790 fts
DX	FLEISCHMANNNS 2	ASH AZ-16	67993.7295 fts
DY			5186.5717 fts
DZ			-15350.2539 fts
DX	FLEISCHMANNNS 2	ASH AZ-15	67465.2143 fts
DY			4948.8331 fts
DZ			-15472.4135 fts

DX	FLEISCHMANNNS 2	ASH AZ-14	75588.1089 fts
DY			14179.8528 fts
DZ			-7652.3051 fts
DX	FLEISCHMANNNS 2	ASH AZ-13	76311.2887 fts
DY			14579.8316 fts
DZ			-7407.3952 fts
DX	FLEISCHMANNNS 2	ASH AZ-12 OLD	50241.8057 fts
DY			3646.5378 fts
DZ			-11796.7684 fts
DX	EBDR AZ-1	EBDR AZ-2	291.4659 fts
DY			309.0221 fts
DZ			310.2609 fts
DX	EBDR AZ-1	EBDR AZ-15	50420.8786 fts
DY			19578.7002 fts
DZ			5955.9386 fts
DX	WBDR AZ-6	WBDR AZ-5	684.2432 fts
DY			-400.0415 fts
DZ			-581.6136 fts
DX	WBDR AZ-27	WBDR AZ-28	544.4147 fts
DY			292.3744 fts
DZ			165.9475 fts
DX	EBDR AZ-18	EBDR AZ-17	-552.4916 fts
DY			-297.0136 fts
DZ			-176.5723 fts
DX	NEV AZ-1	ROND AZ-8	20591.2149 fts
DY			-8758.2538 fts
DZ			-16704.3736 fts
DX	NEV AZ-1	ROND AZ-7	20232.3710 fts
DY			-9315.7883 fts
DZ			-17185.2467 fts
DX	NEV AZ-1	NEV AZ-2	619.6542 fts
DY			-270.5403 fts
DZ			-493.4223 fts
DX	NEV AZ-3	ROND AZ-6	7450.7167 fts
DY			-18039.0633 fts
DZ			-22762.3711 fts
DX	NEV AZ-3	ROND AZ-5	7420.3785 fts
DY			-17557.8325 fts
DZ			-22250.4717 fts
DX	NEV AZ-3	NEV AZ-4	-632.4020 fts
DY			-300.1717 fts
DZ			-146.2278 fts
DX	ASH AZ-3	ASH AZ-4	516.5790 fts
DY			13.9328 fts
DZ			-143.6715 fts
DX	EBDR AZ-26	EBDR AZ-9	-22204.2372 fts
DY			-8712.1615 fts
DZ			-2954.1030 fts
DX	EBDR AZ-26	EBDR AZ-25 OLD	545.9349 fts
DY			-3.6669 fts
DZ			-161.6135 fts
DX	EBDR AZ-26	EBDR AZ-10	-22532.6160 fts
DY			-9052.6597 fts

DZ			-3235.8578 fts
DX	ASH AZ-27	ASH AZ-26 OLD	-4386.1325 fts
DY			6068.5532 fts
DZ			7897.1625 fts
DX	ASH AZ-27	ASH AZ-25 OLD	-4115.7243 fts
DY			5806.8648 fts
DZ			7533.7304 fts
DX	ASH AZ-27	ASH AZ-22 OLD	6558.0777 fts
DY			18416.7240 fts
DZ			18309.2384 fts
DX	ASH AZ-27	ASH AZ-21 OLD	6833.1948 fts
DY			19005.3371 fts
DZ			18875.7915 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	379.9835 fts
DY			-186.2575 fts
DZ			-321.3833 fts
DX	ASH AZ-5 OLD	ASH AZ-17	45533.4724 fts
DY			218.9202 fts
DZ			-14320.9542 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823 fts
DY			4117.7948 fts
DZ			-5578.4573 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7708 fts
DY			4003.2835 fts
DZ			-5493.9494 fts
DX	WBDR AZ-4	WBDR AZ-3	-190.0251 fts
DY			-387.8707 fts
DZ			-356.1398 fts
DX	ASH AZ-24	ASH AZ-23	955.6092 fts
DY			76.4356 fts
DZ			-225.7253 fts
DX	EBDR AZ-20	EBDR AZ-6	-26812.6063 fts
DY			-28300.4420 fts
DZ			-22730.8533 fts
DX	EBDR AZ-20	EBDR AZ-5	-26229.2142 fts
DY			-28353.5565 fts
DZ			-22963.1660 fts
DX	EBDR AZ-20	EBDR AZ-19	751.2026 fts
DY			233.0684 fts
DZ			116.0884 fts
DX	ROND AZ-3	ROND AZ-4	700.6821 fts
DY			250.1056 fts
DZ			38.6496 fts
DX	ROND AZ-3	ROND AZ-2	28892.7948 fts
DY			15441.9007 fts
DZ			7786.1928 fts
DX	ROND AZ-3	ROND AZ-1	28327.3496 fts
DY			15474.3344 fts
DZ			7958.4768 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	671.6086 fts
DY			114.4527 fts
DZ			-84.4974 fts
DX	ASH AZ-11 OLD	ASH AZ 11 NEW	625.5282 fts

DY			96.1564 fts
DZ			-85.8025 fts
DX	WBDR AZ-12	WBDR AZ-11	623.2217 fts
DY			-755.3892 fts
DZ			-1013.8073 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	3704.2311 fts
DY			8453.3946 fts
DZ			7938.4515 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	52677.3520 fts
DY			-13550.7426 fts
DZ			-29693.4045 fts
DX	EBDR AZ-22	EBDR AZ-8	-24853.1191 fts
DY			-42583.9672 fts
DZ			-38119.7431 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224 fts
DY			-42974.3115 fts
DZ			-38474.3979 fts
DX	EBDR AZ-22	EBDR AZ-21	-170.0837 fts
DY			-482.5427 fts
DZ			-465.5169 fts
DX	EBDR AZ-28	EBDR AZ-27	-517.2272 fts
DY			-146.5174 fts
DZ			-14.6792 fts
DX	EBDR AZ-15	EBDR AZ-2	-50129.4203 fts
DY			-19269.6650 fts
DZ			-5645.6656 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	-133.4851 fts
DY			589.9180 fts
DZ			671.8096 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	-4173.6790 fts
DY			-7083.9568 fts
DZ			-6375.4269 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	-4665.6604 fts
DY			-7221.9167 fts
DZ			-6376.3334 fts
DX	ASH AZ-1	EBDR AZ-14 OLD	-52520.2139 fts
DY			13035.1832 fts
DZ			29089.4784 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	19430.4147 fts
DY			20815.8065 fts
DZ			16749.7441 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	10717.7675 fts
DY			10262.9217 fts
DZ			7919.0576 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	-1244.6042 fts
DY			208.0573 fts
DZ			570.4135 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	-26660.9441 fts
DY			-13499.6441 fts

DZ			-6775.6046 fts
DX	ASH AZ-16	ASH AZ-15	-528.5111 fts
DY			-237.7181 fts
DZ			-122.1878 fts
DX	WALTON	WBDR AZ-9	4695.5417 fts
DY			4118.0975 fts
DZ			3166.2274 fts
DX	WALTON	WBDR AZ-8	1481.8807 fts
DY			10083.0833 fts
DZ			10534.1871 fts
DX	WALTON	WBDR AZ-7	1318.3506 fts
DY			9381.6858 fts
DZ			9796.9885 fts
DX	WALTON	WBDR AZ-6	-7976.9188 fts
DY			4844.5153 fts
DZ			7869.5802 fts
DX	WALTON	WBDR AZ-5	-7292.6619 fts
DY			4444.4564 fts
DZ			7287.9764 fts
DX	WALTON	WBDR AZ-4	-224.2643 fts
DY			783.1559 fts
DZ			901.0464 fts
DX	WALTON	WBDR AZ-3	-414.2905 fts
DY			395.2869 fts
DZ			544.9061 fts
DX	WALTON	WBDR AZ-22	50859.1180 fts
DY			41578.7966 fts
DZ			30013.3757 fts
DX	WALTON	WBDR AZ-21	51151.1229 fts
DY			41960.7209 fts
DZ			30332.2249 fts
DX	WALTON	WBDR AZ-2	-6341.9929 fts
DY			-4489.8864 fts
DZ			-3016.3944 fts
DX	WALTON	WBDR AZ-16 OLD	38193.3694 fts
DY			20804.6281 fts
DZ			11425.4695 fts
DX	WALTON	WBDR AZ-15	38674.7732 fts
DY			20543.1051 fts
DZ			11018.8179 fts
DX	WALTON	WBDR AZ-14	34732.7689 fts
DY			14249.1781 fts
DZ			5403.1277 fts
DX	WALTON	WBDR AZ-13	34224.2488 fts
DY			14594.1829 fts
DZ			5943.3919 fts
DX	WALTON	WBDR AZ-12	15495.4526 fts
DY			27428.7143 fts
DZ			25485.3923 fts
DX	WALTON	WBDR AZ-11	16118.6733 fts
DY			26673.3165 fts
DZ			24471.5840 fts
DX	WALTON	WBDR AZ-10	5057.6065 fts

DY			4414.6554 fts
DZ			3377.7778 fts
DX	WALTON	WBDR AZ-1	-7211.4227 fts
DY			-4995.7365 fts
DZ			-3287.3104 fts
DX	WBDR AZ-24	WBDR AZ-23	-872.0955 fts
DY			-432.2710 fts
DZ			-235.7064 fts
DX	CLARYVILLE	ROND AZ-8	20005.2598 fts
DY			-7902.3186 fts
DZ			-15579.1451 fts
DX	CLARYVILLE	ROND AZ-7	19646.4242 fts
DY			-8459.8998 fts
DZ			-16060.0123 fts
DX	CLARYVILLE	ROND AZ-6	11914.9736 fts
DY			-14343.3644 fts
DZ			-20001.3889 fts
DX	CLARYVILLE	ROND AZ-5	11884.6414 fts
DY			-13862.1465 fts
DZ			-19489.4832 fts
DX	CLARYVILLE	ROND AZ-4	2507.3466 fts
DY			-13314.4099 fts
DZ			-15770.3846 fts
DX	CLARYVILLE	ROND AZ-3	1806.6738 fts
DY			-13564.5315 fts
DZ			-15809.0157 fts
DX	CLARYVILLE	ROND AZ-2	30699.4663 fts
DY			1877.3370 fts
DZ			-8022.8047 fts
DX	CLARYVILLE	ROND AZ-1	30134.0183 fts
DY			1909.7783 fts
DZ			-7850.5324 fts
DX	CLARYVILLE	NEV AZ-4	3831.8750 fts
DY			3395.4742 fts
DZ			2614.7973 fts
DX	CLARYVILLE	NEV AZ-3	4464.2752 fts
DY			3695.6411 fts
DZ			2761.0306 fts
DX	CLARYVILLE	NEV AZ-2	33.7249 fts
DY			585.3380 fts
DZ			631.8048 fts
DX	CLARYVILLE	NEV AZ-1	-585.9434 fts
DY			855.9150 fts
DZ			1125.2264 fts
DX	WBDR AZ-29	WBDR AZ-30	-358.0073 fts
DY			279.2376 fts
DZ			445.4182 fts
DX	PHOENICIA	ROND AZ-8	-35870.0323 fts
DY			-65861.1270 fts
DZ			-59785.2730 fts
DX	PHOENICIA	ROND AZ-7	-36228.8918 fts
DY			-66418.6933 fts
DZ			-60266.1794 fts
DX	PHOENICIA	ROND AZ-6	-43960.3769 fts
DY			

DZ			-72302.0853 fts
DX	PHOENICIA	ROND AZ-4	-64207.4177 fts
DY			-53367.9397 fts
DZ			-71273.1665 fts
DX	PHOENICIA	ROND AZ-2	-59976.4417 fts
DY			-25175.8353 fts
DZ			-56081.3480 fts
DX	PHOENICIA	ROND AZ-1	-52228.8758 fts
DY			-25741.2836 fts
DZ			-56048.8956 fts
DX	PHOENICIA	NEV AZ-4	-52056.6055 fts
DY			-52043.4625 fts
DZ			-54563.2244 fts
DX	PHOENICIA	NEV AZ-3	-41591.3035 fts
DY			-51411.0218 fts
DZ			-54263.1588 fts
DX	PHOENICIA	NEV AZ-2	-41445.0214 fts
DY			-55841.5831 fts
DZ			-57373.4415 fts
DX	PHOENICIA	NEV AZ-1	-43574.2389 fts
DY			-56461.1765 fts
DZ			-57102.8666 fts
DX	PHOENICIA	ASH AZ-30 OLD	-43080.8158 fts
DY			17937.3653 fts
DZ			-23137.2605 fts
DX	PHOENICIA	ASH AZ-29 OLD	-30431.3991 fts
DY			17770.2955 fts
DZ			-22668.4268 fts
DX	PHOENICIA	ASH AZ-28	-29875.6031 fts
DY			18042.1472 fts
DZ			-13414.1190 fts
DX	PHOENICIA	ASH AZ-27	-20028.9272 fts
DY			18354.4014 fts
DZ			-13900.8678 fts
DX	PHOENICIA	ASH AZ-26 OLD	-20669.7816 fts
DY			13968.2705 fts
DZ			-7832.3146 fts
DX	PHOENICIA	ASH AZ-25 OLD	-12772.6064 fts
DY			14238.6801 fts
DZ			-8093.9979 fts
DX	PHOENICIA	ASH AZ-22 OLD	-13136.0475 fts
DY			24912.4452 fts
DZ			4515.8748 fts
DX	PHOENICIA	ASH AZ-21 OLD	-2360.5594 fts
DY			25187.5777 fts
DZ			5104.4255 fts
DX	ROND AZ-7	ROND AZ-8	-1793.9749 fts
DY			358.8457 fts
DZ			557.5605 fts
DX	ROND AZ-7	NEV AZ-2	480.8754 fts
DY			-19612.7039 fts
DZ			9045.2489 fts
DX	BOICEVILLE	EBDR AZ-28	16691.8036 fts
DY			-79525.5595 fts

			15195.5446 fts
DZ			41199.5491 fts
DX	BOICEVILLE	EBDR AZ-27	-80042.8130 fts
DY			15049.0514 fts
DZ			41184.8302 fts
DX	BOICEVILLE	EBDR AZ-14 OLD	-102003.4364 fts
DY			8539.4912 fts
DZ			40512.8437 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	-102160.6085 fts
DY			9055.0896 fts
DZ			41116.7061 fts
DX	BOICEVILLE	ASH AZ-8	-42056.6663 fts
DY			17210.6880 fts
DZ			31614.6732 fts
DX	BOICEVILLE	ASH AZ-7	-42603.4553 fts
DY			17539.6985 fts
DZ			32157.9533 fts
DX	BOICEVILLE	ASH AZ-5 OLD	-63515.6487 fts
DY			14203.8647 fts
DZ			35411.6597 fts
DX	BOICEVILLE	ASH AZ-4	-52516.0307 fts
DY			9540.5161 fts
DZ			26763.8817 fts
DX	BOICEVILLE	ASH AZ-30 OLD	-407.6205 fts
DY			-9223.4543 fts
DZ			-9751.5740 fts
DX	BOICEVILLE	ASH AZ-3	-53032.5891 fts
DY			9526.5144 fts
DZ			26907.5941 fts
DX	BOICEVILLE	ASH AZ-29 OLD	-574.6885 fts
DY			-8754.6221 fts
DZ			-9195.7763 fts
DX	BOICEVILLE	ASH AZ-28	-302.8485 fts
DY			499.6903 fts
DZ			650.9132 fts
DX	BOICEVILLE	ASH AZ-27	9.4089 fts
DY			12.9382 fts
DZ			10.0609 fts
DX	BOICEVILLE	ASH AZ-26 OLD	-4376.7208 fts
DY			6081.4802 fts
DZ			7907.2378 fts
DX	BOICEVILLE	ASH AZ-25 OLD	-4106.3131 fts
DY			5819.7957 fts
DZ			7543.7991 fts
DX	BOICEVILLE	ASH AZ-24	16270.8841 fts
DY			20071.6072 fts
DZ			17267.4965 fts
DX	BOICEVILLE	ASH AZ-23	17226.4856 fts
DY			20148.0391 fts
DZ			17041.7787 fts
DX	BOICEVILLE	ASH AZ-22 OLD	6567.4835 fts
DY			18429.6710 fts

DZ			18319.2777 fts
DX	BOICEVILLE	ASH AZ-21 OLD	6842.6071 fts
DY			19018.2364 fts
DZ			18885.8598 fts
DX	BOICEVILLE	ASH AZ-20	-14893.6907 fts
DY			11131.8816 fts
DZ			16564.0213 fts
DX	BOICEVILLE	ASH AZ-19	-14869.4528 fts
DY			11509.1565 fts
DZ			16962.7204 fts
DX	BOICEVILLE	ASH AZ-18	-18268.0550 fts
DY			13957.6208 fts
DZ			20690.1029 fts
DX	BOICEVILLE	ASH AZ-17	-17982.2601 fts
DY			14422.8093 fts
DZ			21090.7275 fts
DX	BOICEVILLE	ASH AZ-16	-14803.4055 fts
DY			19861.8020 fts
DZ			26279.6975 fts
DX	BOICEVILLE	ASH AZ-15	-15331.9143 fts
DY			19624.0849 fts
DZ			26157.5093 fts
DX	BOICEVILLE	ASH AZ-14	-7209.0410 fts
DY			28855.0471 fts
DZ			33977.5984 fts
DX	BOICEVILLE	ASH AZ-13	-6485.8904 fts
DY			29255.0358 fts
DZ			34222.5079 fts
DX	BOICEVILLE	ASH AZ-12 OLD	-32555.2939 fts
DY			18321.6558 fts
DZ			29833.1909 fts
DX	BOICEVILLE	ASH AZ-11 OLD	-33226.9083 fts
DY			18207.2268 fts
DZ			29917.6745 fts
DX	BOICEVILLE	ASH AZ-1	-49483.2613 fts
DY			-4495.5930 fts
DZ			11423.2816 fts
DX	ANDES	WBDR AZ-8	-84545.6682 fts
DY			-17046.8194 fts
DZ			5334.7182 fts
DX	ANDES	WBDR AZ-7	-84709.1822 fts
DY			-17748.2174 fts
DZ			4597.4977 fts
DX	ANDES	WBDR AZ-6	-94004.4834 fts
DY			-22285.3136 fts
DZ			2670.0854 fts
DX	ANDES	WBDR AZ-4	-86251.8128 fts
DY			-26346.7137 fts
DZ			-4298.4085 fts
DX	ANDES	WBDR AZ-30	30850.8264 fts
DY			64046.8369 fts
DZ			58902.8166 fts
DX	ANDES	WBDR AZ-3	-86441.8450 fts
DY			-26734.5802 fts
DZ			

			-4654.5477 fts
DX	ANDES	WBDR AZ-28	22138.2459 fts
DY			53493.9948 fts
DZ			50072.1208 fts
DX	ANDES	WBDR AZ-27	21593.8220 fts
DY			53201.5940 fts
DZ			49906.1310 fts
DX	ANDES	WBDR AZ-26	10877.0127 fts
DY			43516.0260 fts
DZ			42601.7490 fts
DX	ANDES	WBDR AZ-24	-14368.3496 fts
DY			30163.6106 fts
DZ			35613.2214 fts
DX	ANDES	WBDR AZ-23	-15240.4453 fts
DY			29731.3339 fts
DZ			35377.5130 fts
DX	ANDES	WBDR AZ-2	-92369.5552 fts
DY			-31619.7841 fts
DZ			-8215.8775 fts
DX	ANDES	WBDR AZ-18	-2341.1423 fts
DY			18368.3646 fts
DZ			19943.0847 fts
DX	ANDES	WBDR AZ-17	-1932.3767 fts
DY			18790.6232 fts
DZ			20301.8523 fts
DX	ANDES	WBDR AZ-10	-80969.9780 fts
DY			-22715.1721 fts
DZ			-1821.7036 fts
DX	ANDES	WBDR AZ-1	-93238.9745 fts
DY			-32125.6421 fts
DZ			-8486.7634 fts
DX	ANDES	EBDR AZ-8	30217.3621 fts
DY			-494.1587 fts
DZ			-9936.2680 fts
DX	ANDES	EBDR AZ-7 OLD	29930.6172 fts
DY			-884.3760 fts
DZ			-10290.9321 fts
DX	ANDES	EBDR AZ-4	3364.9011 fts
DY			1848.0238 fts
DZ			662.7312 fts
DX	ANDES	EBDR AZ-22	55070.4557 fts
DY			42089.8033 fts
DZ			28183.4777 fts
DX	ANDES	EBDR AZ-21	54900.3597 fts
DY			41607.3004 fts
DZ			27717.9698 fts
DX	ANDES	EBDR AZ-2	2676.2667 fts
DY			-4563.4747 fts
DZ			-6012.3889 fts
DX	ANDES	EBDR AZ-18	51941.3889 fts
DY			20625.4820 fts
DZ			6387.7320 fts
DX	ANDES	EBDR AZ-17	51388.8559 fts

DY			20328.5318 fts
DZ			6211.0498 fts
DX	ANDES	EBDR AZ-15	52805.6788 fts
DY			14706.2354 fts
DZ			-366.7420 fts
DX	ANDES	EBDR AZ-12	48063.7586 fts
DY			3768.5204 fts
DZ			-10642.2975 fts
DX	ANDES	EBDR AZ-1	2384.8010 fts
DY			-4872.4985 fts
DZ			-6322.6511 fts
DX	MARGARETVILLE	WBDR AZ-18	-45294.4533 fts
DY			15502.1901 fts
DZ			30127.9603 fts
DX	MARGARETVILLE	WBDR AZ-17	-44885.6768 fts
DY			15924.4561 fts
DZ			30486.7464 fts
DX	MARGARETVILLE	EBDR AZ-9	138.3062 fts
DY			165.2808 fts
DZ			148.5965 fts
DX	MARGARETVILLE	EBDR AZ-8	-12735.9357 fts
DY			-3360.3176 fts
DZ			248.6307 fts
DX	MARGARETVILLE	EBDR AZ-7 OLD	-13022.6844 fts
DY			-3750.5010 fts
DZ			-106.0460 fts
DX	MARGARETVILLE	EBDR AZ-6	-11109.4711 fts
DY			-8272.1924 fts
DZ			-5560.6544 fts
DX	MARGARETVILLE	EBDR AZ-5	-10526.0854 fts
DY			-8325.2854 fts
DZ			-5792.9713 fts
DX	MARGARETVILLE	EBDR AZ-28	28783.2043 fts
DY			9527.1117 fts
DZ			1962.5288 fts
DX	MARGARETVILLE	EBDR AZ-27	28265.9809 fts
DY			9380.6091 fts
DZ			1947.8432 fts
DX	MARGARETVILLE	EBDR AZ-26	22342.5419 fts
DY			8877.4454 fts
DZ			3102.6950 fts
DX	MARGARETVILLE	EBDR AZ-25 OLD	22888.4748 fts
DY			8873.7956 fts
DZ			2941.0755 fts
DX	MARGARETVILLE	EBDR AZ-24	19302.7167 fts
DY			393.7836 fts
DZ			-4943.8766 fts
DX	MARGARETVILLE	EBDR AZ-23	18565.6253 fts
DY			464.0362 fts
DZ			-4677.3516 fts
DX	MARGARETVILLE	EBDR AZ-22	12117.1556 fts
DY			39223.6869 fts

DZ			38368.3573 fts
DX	MARGARETVILLE	EBDR AZ-21	11947.0555 fts
DY			38741.1974 fts
DZ			37902.8533 fts
DX	MARGARETVILLE	EBDR AZ-20	15703.1392 fts
DY			20028.2734 fts
DZ			17170.2180 fts
DX	MARGARETVILLE	EBDR AZ-2	-40277.0006 fts
DY			-7429.6059 fts
DZ			4172.5198 fts
DX	MARGARETVILLE	EBDR AZ-19	16454.3572 fts
DY			20261.3065 fts
DZ			17286.3127 fts
DX	MARGARETVILLE	EBDR AZ-18	8988.0947 fts
DY			17759.3515 fts
DZ			16572.5575 fts
DX	MARGARETVILLE	EBDR AZ-17	8435.6019 fts
DY			17462.3299 fts
DZ			16395.9967 fts
DX	MARGARETVILLE	EBDR AZ-16 OLD	9718.8661 fts
DY			12430.0439 fts
DZ			10489.8975 fts
DX	MARGARETVILLE	EBDR AZ-15	9852.3526 fts
DY			11840.1248 fts
DZ			9818.0873 fts
DX	MARGARETVILLE	EBDR AZ-14 OLD	6305.3280 fts
DY			2871.0972 fts
DZ			1275.8403 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	6148.1417 fts
DY			3386.7313 fts
DZ			1879.6690 fts
DX	MARGARETVILLE	EBDR AZ-12	5110.4750 fts
DY			902.3184 fts
DZ			-457.3950 fts
DX	MARGARETVILLE	EBDR AZ-11	5801.4628 fts
DY			1073.2699 fts
DZ			-502.2403 fts
DX	MARGARETVILLE	EBDR AZ-10	-190.0738 fts
DY			-175.2144 fts
DZ			-133.1642 fts
DX	MARGARETVILLE	EBDR AZ-1	-40568.4668 fts
DY			-7738.6234 fts
DZ			3862.2510 fts
DX	MARGARETVILLE	ASH AZ-8	66252.1557 fts
DY			11542.3391 fts
DZ			-7622.2885 fts
DX	MARGARETVILLE	ASH AZ-7	65705.3684 fts
DY			11871.3388 fts
DZ			-7079.0188 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	45173.0741 fts
DY			8349.1072 fts

DZ			-4146.6313 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	44793.0977 fts
DY			8535.3923 fts
DZ			-3825.2751 fts
DX	MARGARETVILLE	ASH AZ-3	55276.2352 fts
DY			3858.1135 fts
DZ			-12329.3539 fts
DX	MARGARETVILLE	ASH AZ-23	125535.2986 fts
DY			14479.6643 fts
DZ			-22195.2326 fts
DX	MARGARETVILLE	ASH AZ-18	90040.7688 fts
DY			8289.2248 fts
DZ			-18546.8629 fts
DX	MARGARETVILLE	ASH AZ-17	90326.5774 fts
DY			8754.3693 fts
DZ			-18146.2371 fts
DX	MARGARETVILLE	ASH AZ-16	93505.4098 fts
DY			14193.3653 fts
DZ			-12957.3513 fts
DX	MARGARETVILLE	ASH AZ-15	92976.8995 fts
DY			13955.6220 fts
DZ			-13079.5257 fts
DX	MARGARETVILLE	ASH AZ-14	101099.8177 fts
DY			23186.6758 fts
DZ			-5259.3897 fts
DX	MARGARETVILLE	ASH AZ-13	101822.9684 fts
DY			23586.6431 fts
DZ			-5014.4759 fts
DX	DELHI	WBDR AZ-22	3367.0227 fts
DY			2642.7564 fts
DZ			1560.7225 fts
DX	DELHI	WBDR AZ-21	3659.0419 fts
DY			3024.6737 fts
DZ			1879.5744 fts
DX	DELHI	WBDR AZ-20	1490.3165 fts
DY			131.6495 fts
DZ			-578.1797 fts
DX	DELHI	WBDR AZ-19 OLD	1134.1440 fts
DY			775.5942 fts
DZ			234.7620 fts
DX	DELHI	WBDR AZ-16 OLD	-9298.7111 fts
DY			-18131.3877 fts
DZ			-17027.2453 fts
DX	DELHI	WBDR AZ-15	-8817.3187 fts
DY			-18392.9036 fts
DZ			-17433.9000 fts
DX	DELHI	WBDR AZ-14	-12759.3425 fts
DY			-24686.8031 fts
DZ			-23049.6217 fts
DX	DELHI	WBDR AZ-13	-13267.8638 fts
DY			-24341.7932 fts
DZ			-22509.3613 fts

DX	DELHI	WBDR AZ-12	-31996.6236 fts
DY			-11507.2821 fts
DZ			-2967.3042 fts
DX	DELHI	WBDR AZ-11	-31373.4006 fts
DY			-12262.6784 fts
DZ			-3981.0860 fts
DX	WBDR AZ-20	WBDR AZ-19 OLD	-356.1695 fts
DY			643.9353 fts
DZ			812.9485 fts
DX	SUNDOWN	ROND AZ-8	496.9790 fts
DY			2001.8776 fts
DZ			2002.8153 fts
DX	SUNDOWN	ROND AZ-7	138.1352 fts
DY			1444.3159 fts
DZ			1521.9391 fts
DX	SUNDOWN	ROND AZ-6	-7593.3040 fts
DY			-4439.1723 fts
DZ			-2419.3247 fts
DX	SUNDOWN	ROND AZ-5	-7623.6353 fts
DY			-3957.9499 fts
DZ			-1907.4128 fts
DX	SUNDOWN	ROND AZ-4	-17000.9092 fts
DY			-3410.2055 fts
DZ			1811.6465 fts
DX	SUNDOWN	ROND AZ-3	-17701.5893 fts
DY			-3660.3112 fts
DZ			1773.0000 fts
DX	SUNDOWN	ROND AZ-2	11191.1862 fts
DY			11781.6097 fts
DZ			9559.1822 fts
DX	SUNDOWN	ROND AZ-1	10625.7439 fts
DY			11814.0491 fts
DZ			9731.4608 fts
DX	SUNDOWN	NEV AZ-4	-15676.4028 fts
DY			13299.6917 fts
DZ			20196.8333 fts
DX	SUNDOWN	NEV AZ-3	-15044.0108 fts
DY			13599.8805 fts
DZ			20343.0496 fts
DX	SUNDOWN	NEV AZ-2	-19474.5806 fts
DY			10489.5834 fts
DZ			18213.7610 fts
DX	SUNDOWN	NEV AZ-1	-20094.2461 fts
DY			10760.1546 fts
DZ			18707.1852 fts
DX	WBDR AZ-2	WBDR AZ-1	-869.4301 fts
DY			-505.8489 fts
DZ			-270.9147 fts
DX	NYON	WBDR AZ-9	16282.8104 fts
DY			-62107.1714 fts
DZ			-70284.2594 fts
DX	NYON	WBDR AZ-8	13069.1663 fts
DY			-56142.2025 fts

DZ			-62916.2820 fts
DX	NYON	WBDR AZ-7	12905.6353 fts
DY			-56843.5826 fts
DZ			-63653.5059 fts
DX	NYON	WBDR AZ-6	3610.3601 fts
DY			-61380.7327 fts
DZ			-65580.8978 fts
DX	NYON	WBDR AZ-5	4294.5871 fts
DY			-61780.8103 fts
DZ			-66162.5078 fts
DX	NYON	WBDR AZ-4	11363.0212 fts
DY			-65442.1254 fts
DZ			-72549.4174 fts
DX	NYON	WBDR AZ-3	11172.9905 fts
DY			-65830.0005 fts
DZ			-72905.5545 fts
DX	NYON	WBDR AZ-28	119753.0932 fts
DY			14398.5606 fts
DZ			-18178.8474 fts
DX	NYON	WBDR AZ-26	108491.8553 fts
DY			4420.5966 fts
DZ			-25649.1973 fts
DX	NYON	WBDR AZ-25	107790.7108 fts
DY			4343.6638 fts
DZ			-25527.4902 fts
DX	NYON	WBDR AZ-24	83246.4928 fts
DY			-8931.7898 fts
DZ			-32637.8072 fts
DX	NYON	WBDR AZ-22	62446.3894 fts
DY			-24646.4744 fts
DZ			-43437.0787 fts
DX	NYON	WBDR AZ-21	62738.3951 fts
DY			-24264.5521 fts
DZ			-43118.2250 fts
DX	NYON	WBDR AZ-20	60569.6629 fts
DY			-27157.5683 fts
DZ			-45576.0141 fts
DX	NYON	WBDR AZ-2	5245.2940 fts
DY			-70715.1670 fts
DZ			-76466.8679 fts
DX	NYON	WBDR AZ-19 OLD	60213.5160 fts
DY			-26513.6255 fts
DZ			-44763.0657 fts
DX	NYON	WBDR AZ-18	95273.6926 fts
DY			-20727.0330 fts
DZ			-48307.9368 fts
DX	NYON	WBDR AZ-17	95682.4711 fts
DY			-20304.7634 fts
DZ			-47949.1511 fts
DX	NYON	WBDR AZ-16 OLD	49780.6792 fts
DY			-45420.6151 fts
DZ			-62025.0187 fts

DX	NYON	WBDR AZ-15	50262.0501 fts
DY			-45682.1635 fts
DZ			-62431.6580 fts
DX	NYON	WBDR AZ-14	46320.0470 fts
DY			-51976.0402 fts
DZ			-68047.3975 fts
DX	NYON	WBDR AZ-13	45811.5193 fts
DY			-51631.0543 fts
DZ			-67507.1433 fts
DX	NYON	WBDR AZ-12	27082.7450 fts
DY			-38796.5769 fts
DZ			-47965.0542 fts
DX	NYON	WBDR AZ-11	27705.9401 fts
DY			-39551.9805 fts
DZ			-48978.8878 fts
DX	NYON	WBDR AZ-1	4375.8747 fts
DY			-71221.0213 fts
DZ			-76737.7519 fts
DX	NYON	EBDR AZ-8	127832.1343 fts
DY			-39589.5182 fts
DZ			-78187.3299 fts
DX	NYON	EBDR AZ-7 OLD	127545.4058 fts
DY			-39979.7508 fts
DZ			-78542.0104 fts
DX	NYON	EBDR AZ-6	129458.6056 fts
DY			-44501.3397 fts
DZ			-83996.6547 fts
DX	NYON	EBDR AZ-5	130041.9966 fts
DY			-44554.4535 fts
DZ			-84228.9754 fts
DX	NYON	EBDR AZ-3	100934.2396 fts
DY			-37870.8300 fts
DZ			-68249.4548 fts
DX	NYON	EBDR AZ-22	152685.2549 fts
DY			2994.4754 fts
DZ			-40067.5916 fts
DX	NYON	EBDR AZ-21	152515.1544 fts
DY			2511.9989 fts
DZ			-40533.0979 fts
DX	NYON	EBDR AZ-2	100291.0763 fts
DY			-43658.7692 fts
DZ			-74263.4847 fts
DX	NYON	EBDR AZ-17	149003.6956 fts
DY			-18766.8672 fts
DZ			-62040.0196 fts
DX	NYON	EBDR AZ-1	99999.6190 fts
DY			-43967.8077 fts
DZ			-74573.7524 fts
DX	NYKT	ROND AZ-8	-120242.7288 fts
DY			-53674.4684 fts
DZ			-20268.8949 fts
DX	NYKT	ROND AZ-7	-120601.5939 fts
DY			-54232.0303 fts

DZ			-20749.8003 fts
DX	NYKT	ROND AZ-6	-128333.0353 fts
DY			-60115.5013 fts
DZ			-24691.0279 fts
DX	NYKT	ROND AZ-5	-128363.3547 fts
DY			-59634.2697 fts
DZ			-24179.1260 fts
DX	NYKT	ROND AZ-4	-137740.5983 fts
DY			-59086.5894 fts
DZ			-20460.0355 fts
DX	NYKT	ROND AZ-2	-109548.4989 fts
DY			-43894.7618 fts
DZ			-12712.4846 fts
DX	NYKT	ROND AZ-1	-110113.9370 fts
DY			-43862.3253 fts
DZ			-12540.1992 fts
DX	NYKT	NEV AZ-3	-135783.6823 fts
DY			-42076.5451 fts
DZ			-1928.6600 fts
DX	NYKT	EBDR AZ-28	-145553.2615 fts
DY			13468.3308 fts
DZ			60036.1391 fts
DX	NYKT	EBDR AZ-27	-146070.5227 fts
DY			13321.8506 fts
DZ			60021.4135 fts
DX	NYKT	EBDR AZ-25 OLD	-151448.0731 fts
DY			12815.1043 fts
DZ			61014.5977 fts
DX	NYKT	EBDR AZ-24	-155033.7910 fts
DY			4335.0392 fts
DZ			53129.6027 fts
DX	NYKT	ASH AZ-8	-108084.3696 fts
DY			15483.6069 fts
DZ			50451.1972 fts
DX	NYKT	ASH AZ-7	-108631.1570 fts
DY			15812.6111 fts
DZ			50994.4679 fts
DX	NYKT	ASH AZ-5 OLD	-129543.3701 fts
DY			12476.7061 fts
DZ			54248.2282 fts
DX	NYKT	ASH AZ-4	-118543.7372 fts
DY			7813.3245 fts
DZ			45600.5262 fts
DX	NYKT	ASH AZ-30 OLD	-66435.2817 fts
DY			-10950.5920 fts
DZ			9084.9966 fts
DX	NYKT	ASH AZ-3	-119060.3075 fts
DY			7799.3320 fts
DZ			45744.2075 fts
DX	NYKT	ASH AZ-29 OLD	-66602.3849 fts
DY			-10481.8206 fts
DZ			9640.7730 fts
DX	NYKT	ASH AZ-28	-66330.5499 fts

DY			-1227.4157 fts
DZ			19487.4576 fts
DX	NYKT	ASH AZ-27	-66018.2719 fts
DY			-1714.2272 fts
DZ			18846.6636 fts
DX	NYKT	ASH AZ-26 OLD	-70404.4222 fts
DY			4354.3754 fts
DZ			26743.7365 fts
DX	NYKT	ASH AZ-25 OLD	-70134.0289 fts
DY			4092.7077 fts
DZ			26380.3264 fts
DX	NYKT	ASH AZ-24	-49756.8295 fts
DY			18344.5599 fts
DZ			36104.0263 fts
DX	NYKT	ASH AZ-23	-48801.2356 fts
DY			18420.9693 fts
DZ			35878.3115 fts
DX	NYKT	ASH AZ-22 OLD	-59460.2275 fts
DY			16702.5586 fts
DZ			37155.7917 fts
DX	NYKT	ASH AZ-21 OLD	-59185.0744 fts
DY			17291.1130 fts
DZ			37722.3613 fts
DX	NYKT	ASH AZ-20	-80921.3665 fts
DY			9404.7796 fts
DZ			35400.5173 fts
DX	NYKT	ASH AZ-2	-115941.4221 fts
DY			-5951.2728 fts
DZ			30651.4392 fts
DX	NYKT	ASH AZ-19	-80897.1458 fts
DY			9782.0475 fts
DZ			35799.2192 fts
DX	NYKT	ASH AZ-18	-84295.7735 fts
DY			12230.4459 fts
DZ			39526.7098 fts
DX	NYKT	ASH AZ-17	-84009.9630 fts
DY			12695.6262 fts
DZ			39927.2845 fts
DX	NYKT	ASH AZ-16	-80831.0898 fts
DY			18134.6652 fts
DZ			45116.1762 fts
DX	NYKT	ASH AZ-15	-81359.5994 fts
DY			17896.9267 fts
DZ			44994.0101 fts
DX	NYKT	ASH AZ-14	-73236.7381 fts
DY			27127.8982 fts
DZ			52814.1711 fts
DX	NYKT	ASH AZ-13	-72513.5483 fts
DY			27527.8567 fts
DZ			53059.0877 fts
DX	NYKT	ASH AZ-12 OLD	-98582.9966 fts
DY			16594.5305 fts
DZ			48669.7295 fts
DX	NYKT	ASH AZ-11 OLD	-99254.5862 fts
DY			

			16480.0522 fts
DZ			48754.2216 fts
DX	NYKT	ASH AZ-10	-113944.8326 fts
DY			21484.3271 fts
DZ			59112.4682 fts
DX	NYKT	ASH AZ-1	-115510.9644 fts
DY			-6222.7853 fts
DZ			30259.8710 fts
DX	NYHS	ASH AZ-26 OLD	-120377.6079 fts
DY			-90289.3461 fts
DZ			-58522.5131 fts
DX	NYHS	ASH AZ-25 OLD	-120107.2137 fts
DY			-90551.0152 fts
DZ			-58885.9216 fts
DX	NYHS	ASH AZ-23	-98774.4405 fts
DY			-76222.6966 fts
DZ			-49387.9639 fts
DX	NYHS	ASH AZ-22 OLD	-109433.4230 fts
DY			-77941.1834 fts
DZ			-48110.4477 fts
DX	NYHS	ASH AZ-21 OLD	-109158.2751 fts
DY			-77352.6117 fts
DZ			-47543.8863 fts
DX	NYHS	ASH AZ-20	-130894.5704 fts
DY			-85238.9429 fts
DZ			-49865.7673 fts
DX	NYHS	ASH AZ-19	-130870.3491 fts
DY			-84861.6750 fts
DZ			-49467.0595 fts
DX	NYHS	ASH AZ-16	-130804.2835 fts
DY			-76509.0842 fts
DZ			-40150.0895 fts
DX	NYHS	ASH AZ-15	-131332.7909 fts
DY			-76746.8295 fts
DZ			-40272.2512 fts
DX	NYHS	ASH AZ-14	-123209.9287 fts
DY			-67515.8229 fts
DZ			-32452.0700 fts
DX	NYHS	ASH AZ-13	-122486.7299 fts
DY			-67115.9003 fts
DZ			-32207.1378 fts
DX	NYHC	WBDR AZ-9	33585.3150 fts
DY			64361.8685 fts
DZ			59922.0179 fts
DX	NYHC	WBDR AZ-8	30371.6761 fts
DY			70326.8569 fts
DZ			67289.9704 fts
DX	NYHC	WBDR AZ-7	30208.1439 fts
DY			69625.4800 fts
DZ			66552.7448 fts
DX	NYHC	WBDR AZ-6	20912.8628 fts
DY			65088.3519 fts
DZ			64625.3205 fts
DX	NYHC	WBDR AZ-5	21597.0880 fts
DY			

			64688.2765 fts
DZ			64043.7081 fts
DX	NYHC	WBDR AZ-4	28665.5334 fts
DY			61026.9391 fts
DZ			57656.8219 fts
DX	NYHC	WBDR AZ-3	28475.5011 fts
DY			60639.0636 fts
DZ			57300.6864 fts
DX	NYHC	WBDR AZ-22	79748.9021 fts
DY			101822.5746 fts
DZ			86769.1666 fts
DX	NYHC	WBDR AZ-21	80040.9070 fts
DY			102204.4967 fts
DZ			87088.0197 fts
DX	NYHC	WBDR AZ-20	77872.1621 fts
DY			99311.4792 fts
DZ			84630.2558 fts
DX	NYHC	WBDR AZ-2	22547.8062 fts
DY			55753.8910 fts
DZ			53739.3695 fts
DX	NYHC	WBDR AZ-19 OLD	77516.0177 fts
DY			99955.4232 fts
DZ			85443.2030 fts
DX	NYHC	WBDR AZ-16 OLD	67083.2010 fts
DY			81048.4437 fts
DZ			68181.2353 fts
DX	NYHC	WBDR AZ-15	67564.5727 fts
DY			80786.8953 fts
DZ			67774.5970 fts
DX	NYHC	WBDR AZ-14	63622.5515 fts
DY			74493.0371 fts
DZ			62158.8372 fts
DX	NYHC	WBDR AZ-13	63114.0278 fts
DY			74838.0176 fts
DZ			62699.0932 fts
DX	NYHC	WBDR AZ-12	44385.2509 fts
DY			87672.5453 fts
DZ			82241.1598 fts
DX	NYHC	WBDR AZ-11	45008.4441 fts
DY			86917.1364 fts
DZ			81227.3296 fts
DX	NYHC	WBDR AZ-10	33947.3889 fts
DY			64658.4729 fts
DZ			60133.5485 fts
DX	NYHC	WBDR AZ-1	21678.3918 fts
DY			55248.0309 fts
DZ			53468.4872 fts
DX	NYHC	EBDR AZ-3	118236.7241 fts
DY			88598.3037 fts
DZ			61956.7566 fts
DX	NYHC	EBDR AZ-2	117593.5793 fts
DY			82810.3457 fts

DZ			55942.7386 fts
DX	NYHC	EBDR AZ-1	117302.1245 fts
DY			82501.3028 fts
DZ			55632.4620 fts
DX	NYCS	WBDR AZ-28	-28171.5632 fts
DY			-83922.4867 fts
DZ			-79104.3756 fts
DX	NYCS	WBDR AZ-27	-28715.9839 fts
DY			-84214.8876 fts
DZ			-79270.3535 fts
DX	NYCS	WBDR AZ-26	-39432.7873 fts
DY			-93900.4959 fts
DZ			-86574.7042 fts
DX	NYCS	WBDR AZ-25	-40133.9285 fts
DY			-93977.4330 fts
DZ			-86452.9915 fts
DX	NYCS	WBDR AZ-24	-64678.1439 fts
DY			-107252.8774 fts
DZ			-93563.3082 fts
DX	NYCS	WBDR AZ-23	-65550.2110 fts
DY			-107685.1706 fts
DZ			-93798.9958 fts
DX	NYCS	WBDR AZ-15	-97662.6026 fts
DY			-144003.2645 fts
DZ			-123357.1148 fts
DX	NYCS	EBDR AZ-22	4760.6282 fts
DY			-95326.6619 fts
DZ			-100993.0635 fts
DX	NYCS	EBDR AZ-21	4590.5265 fts
DY			-95809.1559 fts
DZ			-101458.5637 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1643 fts
DY			58.4324 fts
DZ			108.6925 fts
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	-151.1764 fts
DY			58.4749 fts
DZ			108.6844 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2568 fts
DY			37.5781 fts
DZ			341.1637 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2564 fts
DY			37.6106 fts
DZ			341.1034 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.5161 fts
DY			57.1648 fts
DZ			159.1205 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4729 fts
DY			57.1628 fts
DZ			159.0953 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14	-4036.5960 fts

		NEW	
DY			-7679.1367 fts
DZ			-7054.3430 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5920 fts
DY			-7679.1709 fts
DZ			-7054.3120 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8308 fts
DY			1193.2680 fts
DZ			1668.4494 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8365 fts
DY			1193.2756 fts
DZ			1668.4410 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7463 fts
DY			144.8437 fts
DZ			-434.9484 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7636 fts
DY			144.8436 fts
DZ			-434.9443 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4666 fts
DY			-835.1921 fts
DZ			-812.1862 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4520 fts
DY			-835.2554 fts
DZ			-812.1130 fts
DX	ASH AZ-21 OLD	NYS DOT 8-U- 047	6.0639 fts
DY			4.9947 fts
DZ			4.3998 fts
DX	ASH AZ-21 OLD	NYS DOT 8-U- 047	6.0481 fts
DY			4.9793 fts
DZ			4.4127 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1733 fts
DY			4.7243 fts
DZ			36.1061 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1210 fts
DY			4.6863 fts
DZ			36.1256 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9761 fts
DY			9564.2216 fts
DZ			9221.1816 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9712 fts
DY			9564.1965 fts
DZ			9221.1524 fts

DX	WBDR AZ-19 OLD	D309 RESET 1995	11.0995 fts
DY			-36.7335 fts
DZ			-38.9480 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.0833 fts
DY			-36.7083 fts
DZ			-38.9517 fts
DX	ASH AZ-10	ASH AZ-9	246.0272 fts
DY			-387.2502 fts
DZ			-526.7841 fts
DX	ASH AZ-10	ASH AZ-9	245.9935 fts
DY			-387.1805 fts
DZ			-526.8155 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1190 fts
DY			1181.6059 fts
DZ			1655.7129 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1207 fts
DY			1181.6178 fts
DZ			1655.7042 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	-2.2920 fts
DY			-11.6554 fts
DZ			-12.7395 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	-2.2862 fts
DY			-11.6549 fts
DZ			-12.7398 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	-1021.7568 fts
DY			919.9126 fts
DZ			1292.2986 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	-1021.7650 fts
DY			919.9158 fts
DZ			1292.2897 fts
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	268.0720 fts
DY			-273.3510 fts
DZ			-376.1498 fts
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	268.0705 fts
DY			-273.3583 fts
DZ			-376.1529 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.2947 fts
DY			-246.6919 fts
DZ			-245.5561 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.2997 fts
DY			-246.6863 fts
DZ			-245.5238 fts

NYS DOT 8-U-

DX	ASH AZ-22 OLD	047	281.2282 fts
DY			593.5244 fts
DZ			571.0175 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	281.1901 fts
DY			593.5390 fts
DZ			571.0242 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.7874 fts
DY			-362.2369 fts
DZ			-119.4970 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.7427 fts
DY			-362.2778 fts
DZ			-119.4665 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.2667 fts
DY			-100.7052 fts
DZ			287.2388 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.2203 fts
DY			-100.7474 fts
DZ			287.2689 fts
DX	EBDR AZ-26	EBDR AZ-25 NEW	444.7506 fts
DY			1.0570 fts
DZ			-125.5477 fts
DX	EBDR AZ-26	EBDR AZ-25 NEW	444.7569 fts
DY			1.0854 fts
DZ			-125.5694 fts
DX	ASH AZ-27	ASH AZ-28	-312.2579 fts
DY			486.7494 fts
DZ			640.8562 fts
DX	ASH AZ-27	ASH AZ-28	-312.2342 fts
DY			486.7548 fts
DZ			640.8131 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0326 fts
DY			-844.3649 fts
DZ			-1271.2470 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0392 fts
DY			-844.3258 fts
DZ			-1271.2643 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8135 fts
DY			58.5408 fts
DZ			-426.9309 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.7968 fts
DY			58.5016 fts
DZ			-426.8390 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1389 fts
DY			9048.6218 fts
DZ			8617.3806 fts

DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1473 fts
DY			9048.5869 fts
DZ			8617.2989 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1004 fts
DY			595.2361 fts
DZ			678.9237 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1141 fts
DY			595.2551 fts
DZ			678.9306 fts
DX	ASH AZ-1	ASH AZ-2	-430.4536 fts
DY			271.4946 fts
DZ			391.5790 fts
DX	ASH AZ-1	ASH AZ-2	-430.4499 fts
DY			271.5290 fts
DZ			391.5580 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.3746 fts
DY			20536.6366 fts
DZ			16304.3529 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4203 fts
DY			20536.5723 fts
DZ			16304.3237 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0009 fts
DY			607.1893 fts
DZ			774.0399 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0025 fts
DY			607.1722 fts
DZ			774.0313 fts
DX	NYON	WBDR AZ-30	128465.6693 fts
DY			24951.4608 fts
DZ			-9348.1620 fts
DX	NYON	WBDR AZ-30	128465.7213 fts
DY			24951.4581 fts
DZ			-9348.1561 fts
DX	NYON	WBDR AZ-29	128823.7360 fts
DY			24672.2376 fts
DZ			-9793.5801 fts
DX	NYON	WBDR AZ-29	128823.7534 fts
DY			24672.2268 fts
DZ			-9793.6009 fts
DX	NYON	WBDR AZ-23	82374.4511 fts
DY			-9364.0889 fts
DZ			-32873.4931 fts
DX	NYON	WBDR AZ-23	82374.4178 fts
DY			-9364.0686 fts
DZ			-32873.5044 fts
DX	NYCS	WBDR AZ-29	-19100.8832 fts
DY			-73648.9154 fts
DZ			-70719.0163 fts
DX	NYCS	WBDR AZ-29	-19100.9044 fts

DY			-73648.8809 fts
DZ			-70719.0751 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9701 fts
DY			137.9686 fts
DZ			0.9670 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9473 fts
DY			138.0040 fts
DZ			0.9596 fts
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	491.9950 fts
DY			137.9338 fts
DZ			0.9758 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0721 fts
DY			8968.9881 fts
DZ			8542.2564 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0812 fts
DY			8969.0257 fts
DZ			8542.1688 fts
DX	EBDR AZ-14 OLD	EBDR AZ-15	3547.0483 fts
DY			8968.9566 fts
DZ			8542.3354 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6134 fts
DY			1885.0554 fts
DZ			2166.8511 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6244 fts
DY			1885.0353 fts
DZ			2166.8401 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6318 fts
DY			1885.0396 fts
DZ			2166.9229 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.5881 fts
DY			1747.1024 fts
DZ			2165.8706 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.5651 fts
DY			1747.0297 fts
DZ			2165.8841 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6347 fts
DY			1747.1171 fts
DZ			2165.9173 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1805 fts
DY			-515.6398 fts
DZ			-603.8299 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1686 fts
DY			-515.5926 fts
DZ			-603.8691 fts

DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1827 fts
DY			-515.5834 fts
DZ			-603.8830 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4451 fts
DY			1369.4530 fts
DZ			1562.9929 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4560 fts
DY			1369.4355 fts
DZ			1562.9682 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4650 fts
DY			1369.4678 fts
DZ			1563.0033 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4047 fts
DY			1231.4925 fts
DZ			1562.0134 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.3903 fts
DY			1231.4276 fts
DZ			1562.0100 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4568 fts
DY			1231.5306 fts
DZ			1562.0116 fts

Standard deviations

	Station	Target	Sd. abs / Cor	Sd. rel / Cor	Sd. tot / Cor
DX	NYS DOT 8-U-047	U279 RESET 1973	0.0184 fts	-	-
DY			-0.6118	0.0396 fts	-
DZ			0.2758	-0.8026	0.0299 fts
DX	SHANDAKEN	ASH AZ- 12 NEW	0.0190 fts	-	-
DY			-0.5246	0.0332 fts	-
DZ			0.1299	-0.6922	0.0295 fts
DX	SHANDAKEN	ASH AZ- 11 OLD	0.0051 fts	-	-
DY			-0.4474	0.0100 fts	-
DZ			0.4068	-0.7142	0.0117 fts
DX	ASH AZ-21 OLD	ASH AZ- 22 OLD	0.0122 fts	-	-
DY			-0.6844	0.0209 fts	-
DZ			0.3036	-0.7246	0.0141 fts
DX	EBDR AZ-25 OLD	EBDR AZ- 26	0.0124 fts	-	-
DY			-0.3765	0.0297 fts	-
DZ			0.0856	-0.6454	0.0228 fts
DX	ASH AZ-28	ASH AZ- 21 OLD	0.0164 fts	-	-

DY			-0.5152	0.0317 fts	-
DZ			0.1076	-0.5180	0.0278 fts
DX	ASH AZ-29 OLD	ASH AZ-30 OLD	0.0086 fts	-	-
DY			-0.5865	0.0226 fts	-
DZ			0.4207	-0.8585	0.0155 fts
DX	ASH AZ-29 OLD	ASH AZ-29 NEW	0.0158 fts	-	-
DY			-0.5190	0.0420 fts	-
DZ			0.2867	-0.8317	0.0306 fts
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	0.0201 fts	-	-
DY			-0.5549	0.0470 fts	-
DZ			0.4051	-0.5210	0.0306 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	0.0149 fts	-	-
DY			-0.7605	0.0218 fts	-
DZ			0.4906	-0.6300	0.0144 fts
DX	EBDR AZ-19	EBDR AZ-6	0.0099 fts	-	-
DY			-0.3563	0.0250 fts	-
DZ			0.3553	-0.5386	0.0174 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8	0.0158 fts	-	-
DY			-0.3415	0.0277 fts	-
DZ			0.2147	-0.6467	0.0248 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21	0.0452 fts	-	-
DY			-0.2753	0.0809 fts	-
DZ			0.1758	-0.6240	0.0698 fts
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW	0.0214 fts	-	-
DY			-0.5939	0.0355 fts	-
DZ			0.2291	-0.5979	0.0261 fts
DX	NEV AZ-2	ROND AZ-8	0.0288 fts	-	-
DY			-0.7748	0.0449 fts	-
DZ			0.4707	-0.5965	0.0277 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2	0.0204 fts	-	-
DY			-0.6549	0.0280 fts	-
DZ			0.3331	-0.5290	0.0248 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	0.0111 fts	-	-
DY			-0.4503	0.0359 fts	-
DZ			0.3087	-0.8264	0.0239 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	0.0150 fts	-	-
DY			-0.3651	0.0261 fts	-
DZ			-0.1355	-0.4891	0.0329 fts
DX	ASH AZ-7	ASH AZ-8	0.0051 fts	-	-
DY			-0.1888	0.0163 fts	-
DZ			0.4010	-0.7057	0.0134 fts
DX	ASH AZ-7	ASH AZ-20	0.0095 fts	-	-

DY			-0.2517	0.0296 fts	-
DZ			0.4849	-0.6553	0.0238 fts
DX	ASH AZ-7	ASH AZ-19	0.0077 fts	-	-
DY			-0.2341	0.0243 fts	-
DZ			0.4595	-0.6662	0.0193 fts
DX	ASH AZ-7	ASH AZ-16	0.0127 fts	-	-
DY			0.0305	0.0404 fts	-
DZ			0.0976	-0.7484	0.0307 fts
DX	ASH AZ-7	ASH AZ-15	0.0141 fts	-	-
DY			0.0375	0.0435 fts	-
DZ			0.0904	-0.7338	0.0320 fts
DX	ASH AZ-8	ASH AZ-20	0.0087 fts	-	-
DY			-0.2781	0.0241 fts	-
DZ			0.5248	-0.6073	0.0211 fts
DX	NEV AZ-4	ROND AZ-5	0.0117 fts	-	-
DY			-0.6296	0.0280 fts	-
DZ			0.3476	-0.7676	0.0212 fts
DX	EBDR AZ-4	EBDR AZ-17	0.0244 fts	-	-
DY			0.4226	0.0254 fts	-
DZ			-0.6614	-0.6380	0.0268 fts
DX	ROND AZ-1	ROND AZ-4	0.0121 fts	-	-
DY			-0.4366	0.0232 fts	-
DZ			0.2782	-0.6980	0.0239 fts
DX	WBDR AZ-21	WBDR AZ-22	0.0034 fts	-	-
DY			-0.2864	0.0075 fts	-
DZ			0.2587	-0.7090	0.0076 fts
DX	ASH AZ-10	ASH AZ-14	0.0303 fts	-	-
DY			-0.4427	0.0601 fts	-
DZ			0.2864	-0.7165	0.0621 fts
DX	EBDR AZ-3	EBDR AZ-4	0.0071 fts	-	-
DY			-0.4666	0.0110 fts	-
DZ			0.2433	-0.6591	0.0128 fts
DX	EBDR AZ-3	EBDR AZ-17	0.0250 fts	-	-
DY			0.4223	0.0273 fts	-
DZ			-0.6426	-0.6588	0.0278 fts
DX	ROND AZ-2	ROND AZ-4	0.0119 fts	-	-
DY			-0.4424	0.0222 fts	-
DZ			0.2761	-0.6910	0.0235 fts
DX	ROND AZ-2	ROND AZ-1	0.0037 fts	-	-
DY			-0.4329	0.0070 fts	-
DZ			0.2715	-0.6864	0.0073 fts
DX	ASH AZ-30 OLD	ASH AZ-	0.0072 fts	-	-

		29 OLD			
DY			-0.3165	0.0223 fts	-
DZ			0.4197	-0.6114	0.0147 fts
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	0.0219 fts	-	-
DY			-0.5650	0.0562 fts	-
DZ			0.3437	-0.8412	0.0403 fts
DX	ASH AZ-25 OLD	ASH AZ-28	0.0055 fts	-	-
DY			-0.3764	0.0091 fts	-
DZ			-0.2243	-0.4556	0.0113 fts
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	0.0055 fts	-	-
DY			-0.5996	0.0078 fts	-
DZ			0.3375	-0.6098	0.0079 fts
DX	ASH AZ-26 OLD	ASH AZ-28	0.0063 fts	-	-
DY			-0.3611	0.0105 fts	-
DZ			-0.2339	-0.4535	0.0132 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	0.0038 fts	-	-
DY			-0.3513	0.0062 fts	-
DZ			-0.2103	-0.4179	0.0077 fts
DX	WBDR AZ-26	WBDR AZ-25	0.0061 fts	-	-
DY			-0.4884	0.0098 fts	-
DZ			0.6030	-0.7571	0.0110 fts
DX	EBDR AZ-8	EBDR AZ-7 OLD	0.0108 fts	-	-
DY			-0.3028	0.0192 fts	-
DZ			0.1803	-0.6252	0.0149 fts
DX	EBDR AZ-8	EBDR AZ-7 NEW	0.0169 fts	-	-
DY			-0.6070	0.0285 fts	-
DZ			0.2909	-0.6119	0.0194 fts
DX	WBDR AZ-9	WBDR AZ-10	0.0134 fts	-	-
DY			-0.7123	0.0294 fts	-
DZ			0.4355	-0.7607	0.0200 fts
DX	EBDR AZ-5	EBDR AZ-6	0.0033 fts	-	-
DY			-0.3380	0.0080 fts	-
DZ			0.3854	-0.5108	0.0060 fts
DX	EBDR AZ-23	EBDR AZ-24	0.0053 fts	-	-
DY			-0.3794	0.0099 fts	-
DZ			0.4359	-0.5451	0.0083 fts
DX	WBDR AZ-14	WBDR AZ-13	0.0030 fts	-	-
DY			-0.4151	0.0049 fts	-
DZ			0.1343	-0.5921	0.0040 fts
DX	ASH AZ-22 OLD	ASH AZ-9	0.0702 fts	-	-
DY			-0.7418	0.1299 fts	-
DZ			0.5229	-0.7283	0.0705 fts

ASH AZ-

DX	ASH AZ-22 OLD	30 OLD	0.0159 fts	-	-
DY			-0.3703	0.0465 fts	-
DZ			0.3263	-0.6188	0.0283 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	0.0137 fts	-	-
DY			-0.4825	0.0316 fts	-
DZ			0.3884	-0.4984	0.0220 fts
DX	ASH AZ-22 OLD	ASH AZ-28	0.0159 fts	-	-
DY			-0.4971	0.0307 fts	-
DZ			0.0595	-0.5240	0.0282 fts
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	0.0079 fts	-	-
DY			-0.5411	0.0168 fts	-
DZ			0.2656	-0.5290	0.0126 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	0.0159 fts	-	-
DY			-0.3585	0.0277 fts	-
DZ			-0.1766	-0.4819	0.0344 fts
DX	EBDR AZ-9	EBDR AZ-10	0.0031 fts	-	-
DY			-0.4226	0.0056 fts	-
DZ			-0.1072	-0.5016	0.0061 fts
DX	WBDR AZ-8	WBDR AZ-7	0.0060 fts	-	-
DY			-0.6670	0.0081 fts	-
DZ			0.3395	-0.5282	0.0070 fts
DX	WBDR AZ-18	WBDR AZ-17	0.0061 fts	-	-
DY			-0.4623	0.0096 fts	-
DZ			0.2859	-0.6499	0.0082 fts
DX	ASH AZ-19	ASH AZ-8	0.0073 fts	-	-
DY			-0.2496	0.0210 fts	-
DZ			0.4798	-0.6285	0.0177 fts
DX	ASH AZ-19	ASH AZ-20	0.0043 fts	-	-
DY			-0.3126	0.0102 fts	-
DZ			0.4814	-0.5179	0.0089 fts
DX	ASH AZ-13	ASH AZ-14	0.0095 fts	-	-
DY			-0.4759	0.0162 fts	-
DZ			0.2755	-0.6450	0.0174 fts
DX	ASH AZ-13	ASH AZ-10	0.0275 fts	-	-
DY			-0.4427	0.0545 fts	-
DZ			0.2865	-0.7167	0.0563 fts
DX	ASH AZ-18	ASH AZ-6 OLD	0.0235 fts	-	-
DY			-0.7196	0.0545 fts	-
DZ			0.4305	-0.7852	0.0408 fts
DX	ASH AZ-18	ASH AZ-17	0.0113 fts	-	-
DY			-0.8035	0.0191 fts	-
DZ			0.4625	-0.6868	0.0128 fts

WBDR

DX	WBDR AZ-16 OLD	AZ-15	0.0039 fts	-	-
DY			-0.4998	0.0055 fts	-
DZ			0.2526	-0.5986	0.0069 fts
DX	EBDR AZ-12	EBDR AZ-11	0.0094 fts	-	-
DY			-0.7008	0.0200 fts	-
DZ			0.4046	-0.7405	0.0142 fts
DX	ROND AZ-6	ROND AZ-5	0.0051 fts	-	-
DY			-0.6511	0.0116 fts	-
DZ			0.3964	-0.7471	0.0078 fts
DX	ROND AZ-6	NEV AZ-4	0.0125 fts	-	-
DY			-0.6423	0.0283 fts	-
DZ			0.3489	-0.7485	0.0214 fts
DX	FLEISCHMANN'S 2	EBDR AZ-9	0.0052 fts	-	-
DY			-0.4287	0.0095 fts	-
DZ			-0.0868	-0.5005	0.0101 fts
DX	FLEISCHMANN'S 2	EBDR AZ-8	0.0097 fts	-	-
DY			-0.2149	0.0183 fts	-
DZ			0.1363	-0.6171	0.0143 fts
DX	FLEISCHMANN'S 2	EBDR AZ-7 OLD	0.0145 fts	-	-
DY			-0.3174	0.0241 fts	-
DZ			0.1860	-0.6158	0.0195 fts
DX	FLEISCHMANN'S 2	EBDR AZ-6	0.0081 fts	-	-
DY			-0.3418	0.0198 fts	-
DZ			0.3869	-0.5119	0.0148 fts
DX	FLEISCHMANN'S 2	EBDR AZ-5	0.0077 fts	-	-
DY			-0.3599	0.0182 fts	-
DZ			0.3970	-0.4974	0.0139 fts
DX	FLEISCHMANN'S 2	EBDR AZ-4	0.0202 fts	-	-
DY			-0.4682	0.0317 fts	-
DZ			0.2519	-0.6580	0.0347 fts
DX	FLEISCHMANN'S 2	EBDR AZ-28	0.0057 fts	-	-
DY			-0.3816	0.0116 fts	-
DZ			0.5071	-0.7704	0.0140 fts
DX	FLEISCHMANN'S 2	EBDR AZ-27	0.0059 fts	-	-
DY			-0.3684	0.0120 fts	-
DZ			0.4863	-0.7683	0.0149 fts
DX	FLEISCHMANN'S 2	EBDR AZ-26	0.0061 fts	-	-
DY			-0.3811	0.0116 fts	-
DZ			-0.2056	-0.4717	0.0121 fts
DX	FLEISCHMANN'S 2	EBDR AZ-25 OLD	0.0107 fts	-	-
DY			-0.3358	0.0182 fts	-
DZ			-0.2017	-0.4425	0.0230 fts

EBDR AZ-

DX	FLEISCHMANNNS 2	24	0.0058 fts	-	-
DY			-0.3759	0.0108 fts	-
DZ			0.4142	-0.5491	0.0088 fts
DX	FLEISCHMANNNS 2	EBDR AZ-23	0.0065 fts	-	-
DY			-0.3685	0.0123 fts	-
DZ			0.3952	-0.5322	0.0102 fts
DX	FLEISCHMANNNS 2	EBDR AZ-22	0.0098 fts	-	-
DY			-0.1648	0.0244 fts	-
DZ			0.1558	-0.6766	0.0194 fts
DX	FLEISCHMANNNS 2	EBDR AZ-21	0.0099 fts	-	-
DY			-0.1869	0.0217 fts	-
DZ			0.2084	-0.6549	0.0182 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	0.0081 fts	-	-
DY			-0.5607	0.0190 fts	-
DZ			0.4061	-0.5403	0.0128 fts
DX	FLEISCHMANNNS 2	EBDR AZ-2	0.0205 fts	-	-
DY			-0.6262	0.0281 fts	-
DZ			0.3183	-0.5244	0.0262 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	0.0057 fts	-	-
DY			-0.3979	0.0136 fts	-
DZ			0.3262	-0.5344	0.0099 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	0.0071 fts	-	-
DY			-0.4540	0.0112 fts	-
DZ			0.2128	-0.6442	0.0126 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	0.0101 fts	-	-
DY			-0.6622	0.0139 fts	-
DZ			0.3412	-0.5304	0.0122 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	0.0091 fts	-	-
DY			-0.6510	0.0128 fts	-
DZ			0.3423	-0.5446	0.0110 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	0.0088 fts	-	-
DY			-0.3931	0.0138 fts	-
DZ			0.3785	-0.6611	0.0121 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	0.0089 fts	-	-
DY			-0.4389	0.0137 fts	-
DZ			0.3869	-0.6740	0.0119 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	0.0135 fts	-	-
DY			-0.7015	0.0282 fts	-
DZ			0.4064	-0.7325	0.0201 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	0.0107 fts	-	-
DY			-0.7188	0.0222 fts	-
DZ			0.4406	-0.7284	0.0147 fts

DX	FLEISCHMANNNS 2	EBDR AZ-10	0.0056 fts	-	-
DY			-0.4435	0.0102 fts	-
DZ			-0.0738	-0.4954	0.0108 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	0.0151 fts	-	-
DY			-0.6562	0.0211 fts	-
DZ			0.3446	-0.5403	0.0186 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	0.0079 fts	-	-
DY			-0.2042	0.0241 fts	-
DZ			0.4188	-0.6841	0.0202 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	0.0107 fts	-	-
DY			-0.5948	0.0286 fts	-
DZ			0.3801	-0.8018	0.0193 fts
DX	FLEISCHMANNNS 2	ASH AZ-5 OLD	0.0087 fts	-	-
DY			-0.5765	0.0207 fts	-
DZ			0.3471	-0.7541	0.0147 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	0.0208 fts	-	-
DY			-0.7852	0.0288 fts	-
DZ			0.5344	-0.5918	0.0233 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	0.0167 fts	-	-
DY			-0.7845	0.0241 fts	-
DZ			0.4846	-0.6078	0.0171 fts
DX	FLEISCHMANNNS 2	ASH AZ-20	0.0161 fts	-	-
DY			-0.3175	0.0441 fts	-
DZ			0.4897	-0.5665	0.0345 fts
DX	FLEISCHMANNNS 2	ASH AZ-19	0.0153 fts	-	-
DY			-0.3185	0.0416 fts	-
DZ			0.4811	-0.5732	0.0326 fts
DX	FLEISCHMANNNS 2	ASH AZ-18	0.0267 fts	-	-
DY			-0.8172	0.0459 fts	-
DZ			0.5402	-0.6999	0.0300 fts
DX	FLEISCHMANNNS 2	ASH AZ-17	0.0317 fts	-	-
DY			-0.7892	0.0540 fts	-
DZ			0.4206	-0.6865	0.0383 fts
DX	FLEISCHMANNNS 2	ASH AZ-16	0.0202 fts	-	-
DY			-0.2428	0.0404 fts	-
DZ			0.1379	-0.6398	0.0310 fts
DX	FLEISCHMANNNS 2	ASH AZ-15	0.0216 fts	-	-
DY			-0.2294	0.0434 fts	-
DZ			0.1302	-0.6363	0.0330 fts
DX	FLEISCHMANNNS 2	ASH AZ-14	0.0241 fts	-	-
DY			-0.4888	0.0420 fts	-
DZ			0.2807	-0.6437	0.0436 fts
DX	FLEISCHMANNNS 2	ASH AZ-13	0.0153 fts	-	-

DY			-0.4971	0.0236 fts	-
DZ			0.2655	-0.6268	0.0278 fts
DX	FLEISCHMANN'S 2	ASH AZ-12 OLD	0.0170 fts	-	-
DY			-0.2968	0.0527 fts	-
DZ			0.2397	-0.7947	0.0387 fts
DX	EBDR AZ-1	EBDR AZ-2	0.0037 fts	-	-
DY			-0.6228	0.0051 fts	-
DZ			0.3154	-0.5235	0.0048 fts
DX	EBDR AZ-1	EBDR AZ-15	0.0156 fts	-	-
DY			-0.6501	0.0220 fts	-
DZ			0.3419	-0.5462	0.0189 fts
DX	WBDR AZ-6	WBDR AZ-5	0.0110 fts	-	-
DY			-0.6016	0.0147 fts	-
DZ			0.4004	-0.6749	0.0111 fts
DX	WBDR AZ-27	WBDR AZ-28	0.0043 fts	-	-
DY			-0.3773	0.0079 fts	-
DZ			0.4149	-0.5343	0.0066 fts
DX	EBDR AZ-18	EBDR AZ-17	0.0081 fts	-	-
DY			0.4208	0.0087 fts	-
DZ			-0.6426	-0.6534	0.0088 fts
DX	NEV AZ-1	ROND AZ-8	0.0253 fts	-	-
DY			-0.7102	0.0573 fts	-
DZ			0.5278	-0.6249	0.0253 fts
DX	NEV AZ-1	ROND AZ-7	0.0235 fts	-	-
DY			-0.7239	0.0492 fts	-
DZ			0.5512	-0.6422	0.0243 fts
DX	NEV AZ-1	NEV AZ-2	0.0112 fts	-	-
DY			-0.5986	0.0228 fts	-
DZ			0.4167	-0.5524	0.0122 fts
DX	NEV AZ-3	ROND AZ-6	0.0135 fts	-	-
DY			-0.5960	0.0364 fts	-
DZ			0.3614	-0.8076	0.0269 fts
DX	NEV AZ-3	ROND AZ-5	0.0154 fts	-	-
DY			-0.6086	0.0387 fts	-
DZ			0.3417	-0.7870	0.0294 fts
DX	NEV AZ-3	NEV AZ-4	0.0099 fts	-	-
DY			-0.6448	0.0236 fts	-
DZ			0.3623	-0.7736	0.0178 fts
DX	ASH AZ-3	ASH AZ-4	0.0124 fts	-	-
DY			-0.7708	0.0171 fts	-
DZ			0.5173	-0.5813	0.0142 fts
DX	EBDR AZ-26	EBDR AZ-9	0.0075 fts	-	-
DY			-0.4068	0.0152 fts	-
DZ			-0.1643	-0.5373	0.0151 fts

DX	EBDR AZ-26	EBDR AZ-25 OLD	0.0123 fts	-	-
DY			-0.3915	0.0230 fts	-
DZ			-0.1860	-0.4536	0.0247 fts
DX	EBDR AZ-26	EBDR AZ-10	0.0077 fts	-	-
DY			-0.4006	0.0156 fts	-
DZ			-0.1594	-0.5472	0.0155 fts
DX	ASH AZ-27	ASH AZ-26 OLD	0.0076 fts	-	-
DY			-0.3607	0.0126 fts	-
DZ			-0.2359	-0.4485	0.0158 fts
DX	ASH AZ-27	ASH AZ-25 OLD	0.0064 fts	-	-
DY			-0.3744	0.0106 fts	-
DZ			-0.2272	-0.4510	0.0131 fts
DX	ASH AZ-27	ASH AZ-22 OLD	0.0126 fts	-	-
DY			-0.5232	0.0249 fts	-
DZ			0.1410	-0.5231	0.0211 fts
DX	ASH AZ-27	ASH AZ-21 OLD	0.0112 fts	-	-
DY			-0.5037	0.0222 fts	-
DZ			0.1502	-0.5244	0.0189 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	0.0066 fts	-	-
DY			-0.5949	0.0177 fts	-
DZ			0.3802	-0.8017	0.0119 fts
DX	ASH AZ-5 OLD	ASH AZ-17	0.0248 fts	-	-
DY			-0.7063	0.0585 fts	-
DZ			0.4048	-0.8108	0.0466 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	0.0101 fts	-	-
DY			-0.4021	0.0323 fts	-
DZ			0.2803	-0.8154	0.0221 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	0.0133 fts	-	-
DY			-0.4337	0.0345 fts	-
DZ			0.2614	-0.7603	0.0259 fts
DX	WBDR AZ-4	WBDR AZ-3	0.0048 fts	-	-
DY			-0.2818	0.0105 fts	-
DZ			0.2933	-0.7210	0.0111 fts
DX	ASH AZ-24	ASH AZ-23	0.0107 fts	-	-
DY			-0.3835	0.0223 fts	-
DZ			-0.0324	-0.5984	0.0209 fts
DX	EBDR AZ-20	EBDR AZ-6	0.0107 fts	-	-
DY			-0.4867	0.0271 fts	-
DZ			0.4326	-0.5388	0.0180 fts
DX	EBDR AZ-20	EBDR AZ-5	0.0101 fts	-	-
DY			-0.5094	0.0245 fts	-

DZ			0.4312	-0.5236	0.0165 fts
DX	EBDR AZ-20	EBDR AZ-19	0.0081 fts	-	-
DY			-0.5568	0.0204 fts	-
DZ			0.3995	-0.5880	0.0128 fts
DX	ROND AZ-3	ROND AZ-4	0.0077 fts	-	-
DY			-0.4754	0.0116 fts	-
DZ			0.2522	-0.6609	0.0143 fts
DX	ROND AZ-3	ROND AZ-2	0.0114 fts	-	-
DY			-0.4544	0.0201 fts	-
DZ			0.2713	-0.6723	0.0220 fts
DX	ROND AZ-3	ROND AZ-1	0.0107 fts	-	-
DY			-0.4384	0.0200 fts	-
DZ			0.2731	-0.6863	0.0209 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	0.0098 fts	-	-
DY			-0.3109	0.0273 fts	-
DZ			0.2419	-0.7712	0.0215 fts
DX	ASH AZ-11 OLD	ASH AZ-11 NEW	0.0208 fts	-	-
DY			-0.4535	0.0383 fts	-
DZ			0.0904	-0.6971	0.0422 fts
DX	WBDR AZ-12	WBDR AZ-11	0.0084 fts	-	-
DY			-0.1733	0.0223 fts	-
DZ			0.3411	-0.6873	0.0200 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	0.0169 fts	-	-
DY			-0.2921	0.0306 fts	-
DZ			0.1993	-0.6374	0.0270 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	0.0318 fts	-	-
DY			-0.5464	0.0460 fts	-
DZ			0.6473	-0.7719	0.0438 fts
DX	EBDR AZ-22	EBDR AZ-8	0.0206 fts	-	-
DY			-0.1971	0.0511 fts	-
DZ			0.0848	-0.6604	0.0358 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	0.0516 fts	-	-
DY			-0.4977	0.1111 fts	-
DZ			0.2395	-0.6388	0.0691 fts
DX	EBDR AZ-22	EBDR AZ-21	0.0067 fts	-	-
DY			-0.1326	0.0174 fts	-
DZ			0.1595	-0.6888	0.0140 fts
DX	EBDR AZ-28	EBDR AZ-27	0.0066 fts	-	-
DY			-0.3622	0.0134 fts	-
DZ			0.4994	-0.7721	0.0169 fts
DX	EBDR AZ-15	EBDR AZ-2	0.0193 fts	-	-
DY			-0.6220	0.0268 fts	-

DZ			0.3177	-0.5294	0.0246 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	0.0068 fts	-	-
DY			-0.6580	0.0094 fts	-
DZ			0.3395	-0.5333	0.0082 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	0.0186 fts	-	-
DY			-0.2939	0.0335 fts	-
DZ			0.2147	-0.6392	0.0295 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	0.0229 fts	-	-
DY			-0.4795	0.0428 fts	-
DZ			0.2854	-0.6449	0.0376 fts
DX	ASH AZ-1	EBDR AZ-14 OLD	0.0316 fts	-	-
DY			-0.4274	0.0489 fts	-
DZ			0.5276	-0.7156	0.0458 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	0.0065 fts	-	-
DY			-0.3441	0.0108 fts	-
DZ			-0.2012	-0.4259	0.0133 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	0.0060 fts	-	-
DY			-0.3784	0.0115 fts	-
DZ			0.4057	-0.5487	0.0092 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	0.0064 fts	-	-
DY			-0.6297	0.0136 fts	-
DZ			0.3302	-0.5440	0.0091 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	0.0081 fts	-	-
DY			-0.3342	0.0136 fts	-
DZ			-0.1387	-0.4051	0.0156 fts
DX	ASH AZ-16	ASH AZ-15	0.0064 fts	-	-
DY			-0.2482	0.0114 fts	-
DZ			0.1384	-0.6186	0.0096 fts
DX	WALTON	WBDR AZ-9	0.0068 fts	-	-
DY			-0.7186	0.0141 fts	-
DZ			0.4390	-0.7328	0.0095 fts
DX	WALTON	WBDR AZ-8	0.0081 fts	-	-
DY			-0.6492	0.0112 fts	-
DZ			0.3343	-0.5289	0.0099 fts
DX	WALTON	WBDR AZ-7	0.0095 fts	-	-
DY			-0.6714	0.0130 fts	-
DZ			0.3426	-0.5289	0.0112 fts
DX	WALTON	WBDR AZ-6	0.0084 fts	-	-
DY			-0.4360	0.0126 fts	-
DZ			0.2433	-0.6207	0.0102 fts
DX	WALTON	WBDR AZ-5	0.0115 fts	-	-

DY			-0.5985	0.0158 fts	-
DZ			0.3832	-0.6690	0.0117 fts
DX	WALTON	WBDR AZ-4	0.0044 fts	-	-
DY			-0.2910	0.0096 fts	-
DZ			0.3128	-0.7281	0.0102 fts
DX	WALTON	WBDR AZ-3	0.0055 fts	-	-
DY			-0.2594	0.0120 fts	-
DZ			0.2778	-0.7155	0.0128 fts
DX	WALTON	WBDR AZ-22	0.0151 fts	-	-
DY			-0.2869	0.0327 fts	-
DZ			0.2593	-0.7092	0.0333 fts
DX	WALTON	WBDR AZ-21	0.0144 fts	-	-
DY			-0.2937	0.0312 fts	-
DZ			0.2541	-0.7082	0.0312 fts
DX	WALTON	WBDR AZ-2	0.0056 fts	-	-
DY			-0.3478	0.0094 fts	-
DZ			0.4462	-0.6900	0.0092 fts
DX	WALTON	WBDR AZ-16 OLD	0.0078 fts	-	-
DY			-0.5056	0.0110 fts	-
DZ			0.2542	-0.5899	0.0134 fts
DX	WALTON	WBDR AZ-15	0.0072 fts	-	-
DY			-0.4998	0.0102 fts	-
DZ			0.2526	-0.5986	0.0127 fts
DX	WALTON	WBDR AZ-14	0.0076 fts	-	-
DY			-0.4122	0.0123 fts	-
DZ			0.1400	-0.5955	0.0104 fts
DX	WALTON	WBDR AZ-13	0.0083 fts	-	-
DY			-0.4210	0.0134 fts	-
DZ			0.1385	-0.5931	0.0111 fts
DX	WALTON	WBDR AZ-12	0.0084 fts	-	-
DY			-0.1749	0.0218 fts	-
DZ			0.3315	-0.6791	0.0194 fts
DX	WALTON	WBDR AZ-11	0.0118 fts	-	-
DY			-0.1729	0.0312 fts	-
DZ			0.3444	-0.6877	0.0281 fts
DX	WALTON	WBDR AZ-10	0.0143 fts	-	-
DY			-0.7147	0.0311 fts	-
DZ			0.4359	-0.7562	0.0212 fts
DX	WALTON	WBDR AZ-1	0.0062 fts	-	-
DY			-0.3385	0.0104 fts	-
DZ			0.4618	-0.6913	0.0106 fts

DX	WBDR AZ-24	WBDR AZ-23	0.0024 fts	-	-
DY			-0.3482	0.0051 fts	-
DZ			0.2914	-0.7206	0.0050 fts
DX	CLARYVILLE	ROND AZ- 8	0.0251 fts	-	-
DY			-0.7867	0.0362 fts	-
DZ			0.4703	-0.6027	0.0244 fts
DX	CLARYVILLE	ROND AZ- 7	0.0220 fts	-	-
DY			-0.7933	0.0318 fts	-
DZ			0.5017	-0.6193	0.0220 fts
DX	CLARYVILLE	ROND AZ- 6	0.0099 fts	-	-
DY			-0.6187	0.0220 fts	-
DZ			0.3605	-0.7370	0.0156 fts
DX	CLARYVILLE	ROND AZ- 5	0.0109 fts	-	-
DY			-0.6392	0.0256 fts	-
DZ			0.3917	-0.7662	0.0173 fts
DX	CLARYVILLE	ROND AZ- 4	0.0134 fts	-	-
DY			-0.6301	0.0182 fts	-
DZ			0.3592	-0.6906	0.0201 fts
DX	CLARYVILLE	ROND AZ- 3	0.0112 fts	-	-
DY			-0.6312	0.0154 fts	-
DZ			0.3552	-0.6787	0.0169 fts
DX	CLARYVILLE	ROND AZ- 2	0.0207 fts	-	-
DY			-0.6859	0.0327 fts	-
DZ			0.4380	-0.7167	0.0306 fts
DX	CLARYVILLE	ROND AZ- 1	0.0197 fts	-	-
DY			-0.6860	0.0336 fts	-
DZ			0.4648	-0.7434	0.0299 fts
DX	CLARYVILLE	NEV AZ-4	0.0076 fts	-	-
DY			-0.6496	0.0174 fts	-
DZ			0.3599	-0.7536	0.0131 fts
DX	CLARYVILLE	NEV AZ-3	0.0088 fts	-	-
DY			-0.6038	0.0203 fts	-
DZ			0.3348	-0.7538	0.0154 fts
DX	CLARYVILLE	NEV AZ-2	0.0220 fts	-	-
DY			-0.7713	0.0324 fts	-
DZ			0.5837	-0.5983	0.0235 fts
DX	CLARYVILLE	NEV AZ-1	0.0130 fts	-	-
DY			-0.7029	0.0272 fts	-
DZ			0.4967	-0.6224	0.0134 fts
DX	WBDR AZ-29	WBDR AZ-30	0.0038 fts	-	-
DY			-0.3367	0.0063 fts	-
DZ			-0.2126	-0.4311	0.0078 fts
DX	PHOENICIA	ROND AZ- 8	0.0280 fts	-	-
DY			-0.7901	0.0405 fts	-

DZ			0.5138	-0.6171	0.0285 fts
DX	PHOENICIA	ROND AZ-7	0.0255 fts	-	-
DY			-0.7939	0.0367 fts	-
DZ			0.5414	-0.6300	0.0273 fts
DX	PHOENICIA	ROND AZ-6	0.0214 fts	-	-
DY			-0.5960	0.0501 fts	-
DZ			0.3284	-0.7584	0.0377 fts
DX	PHOENICIA	ROND AZ-4	0.0434 fts	-	-
DY			-0.7769	0.0650 fts	-
DZ			0.5531	-0.7741	0.0570 fts
DX	PHOENICIA	ROND AZ-2	0.0350 fts	-	-
DY			-0.7599	0.0545 fts	-
DZ			0.5176	-0.7486	0.0469 fts
DX	PHOENICIA	ROND AZ-1	0.0352 fts	-	-
DY			-0.7795	0.0583 fts	-
DZ			0.5693	-0.7842	0.0476 fts
DX	PHOENICIA	NEV AZ-4	0.0243 fts	-	-
DY			-0.5992	0.0665 fts	-
DZ			0.3088	-0.8136	0.0574 fts
DX	PHOENICIA	NEV AZ-3	0.0252 fts	-	-
DY			-0.5900	0.0678 fts	-
DZ			0.3534	-0.8106	0.0511 fts
DX	PHOENICIA	NEV AZ-2	0.0490 fts	-	-
DY			-0.7794	0.0685 fts	-
DZ			0.6386	-0.5912	0.0603 fts
DX	PHOENICIA	NEV AZ-1	0.0438 fts	-	-
DY			-0.6474	0.1039 fts	-
DZ			0.4186	-0.4356	0.0518 fts
DX	PHOENICIA	ASH AZ-30 OLD	0.0100 fts	-	-
DY			-0.3491	0.0319 fts	-
DZ			0.4357	-0.6334	0.0210 fts
DX	PHOENICIA	ASH AZ-29 OLD	0.0098 fts	-	-
DY			-0.4044	0.0260 fts	-
DZ			0.4645	-0.5417	0.0186 fts
DX	PHOENICIA	ASH AZ-28	0.0093 fts	-	-
DY			-0.5445	0.0160 fts	-
DZ			-0.1164	-0.4446	0.0158 fts
DX	PHOENICIA	ASH AZ-27	0.0084 fts	-	-
DY			-0.5898	0.0148 fts	-
DZ			-0.0351	-0.4505	0.0133 fts
DX	PHOENICIA	ASH AZ-26 OLD	0.0066 fts	-	-
DY			-0.4160	0.0110 fts	-
DZ			-0.2319	-0.3776	0.0125 fts
DX	PHOENICIA	ASH AZ-25 OLD	0.0072 fts	-	-

DY			-0.4315	0.0119 fts	-
DZ			-0.2332	-0.3786	0.0136 fts
DX	PHOENICIA	ASH AZ-22 OLD	0.0083 fts	-	-
DY			-0.6672	0.0177 fts	-
DZ			0.3393	-0.5634	0.0115 fts
DX	PHOENICIA	ASH AZ-21 OLD	0.0109 fts	-	-
DY			-0.6716	0.0232 fts	-
DZ			0.3348	-0.5666	0.0149 fts
DX	ROND AZ-7	ROND AZ-8	0.0071 fts	-	-
DY			-0.7911	0.0101 fts	-
DZ			0.4994	-0.6106	0.0071 fts
DX	ROND AZ-7	NEV AZ-2	0.0285 fts	-	-
DY			-0.7754	0.0434 fts	-
DZ			0.5129	-0.5992	0.0286 fts
DX	BOICEVILLE	EBDR AZ-28	0.0201 fts	-	-
DY			-0.4965	0.0407 fts	-
DZ			0.6003	-0.8128	0.0487 fts
DX	BOICEVILLE	EBDR AZ-27	0.0196 fts	-	-
DY			-0.3844	0.0391 fts	-
DZ			0.4955	-0.7667	0.0488 fts
DX	BOICEVILLE	EBDR AZ-14 OLD	0.0191 fts	-	-
DY			-0.3959	0.0296 fts	-
DZ			0.3772	-0.6586	0.0264 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	0.0203 fts	-	-
DY			-0.4772	0.0303 fts	-
DZ			0.4230	-0.6885	0.0260 fts
DX	BOICEVILLE	ASH AZ-8	0.0136 fts	-	-
DY			-0.2180	0.0409 fts	-
DZ			0.4385	-0.6747	0.0350 fts
DX	BOICEVILLE	ASH AZ-7	0.0161 fts	-	-
DY			-0.1707	0.0511 fts	-
DZ			0.3780	-0.6958	0.0411 fts
DX	BOICEVILLE	ASH AZ-5 OLD	0.0164 fts	-	-
DY			-0.5680	0.0399 fts	-
DZ			0.3370	-0.7624	0.0286 fts
DX	BOICEVILLE	ASH AZ-4	0.0394 fts	-	-
DY			-0.7944	0.0535 fts	-
DZ			0.5602	-0.5887	0.0458 fts
DX	BOICEVILLE	ASH AZ-30 OLD	0.0074 fts	-	-
DY			-0.2996	0.0227 fts	-
DZ			0.4044	-0.6136	0.0153 fts
DX	BOICEVILLE	ASH AZ-3	0.0240 fts	-	-
DY			-0.7668	0.0346 fts	-
DZ			0.4597	-0.5966	0.0250 fts
DX	BOICEVILLE	ASH AZ-29 OLD	0.0058 fts	-	-

DY			-0.3811	0.0144 fts	-
DZ			0.4467	-0.5032	0.0108 fts
DX	BOICEVILLE	ASH AZ-28	0.0046 fts	-	-
DY			-0.4355	0.0081 fts	-
DZ			-0.1175	-0.4805	0.0089 fts
DX	BOICEVILLE	ASH AZ-27	0.0047 fts	-	-
DY			-0.4506	0.0086 fts	-
DZ			-0.0510	-0.4893	0.0089 fts
DX	BOICEVILLE	ASH AZ-26 OLD	0.0051 fts	-	-
DY			-0.3539	0.0084 fts	-
DZ			-0.2024	-0.4153	0.0103 fts
DX	BOICEVILLE	ASH AZ-25 OLD	0.0050 fts	-	-
DY			-0.3594	0.0082 fts	-
DZ			-0.2118	-0.4201	0.0101 fts
DX	BOICEVILLE	ASH AZ-24	0.0099 fts	-	-
DY			-0.3472	0.0211 fts	-
DZ			-0.0713	-0.5991	0.0202 fts
DX	BOICEVILLE	ASH AZ-23	0.0107 fts	-	-
DY			-0.4145	0.0222 fts	-
DZ			-0.0055	-0.5798	0.0205 fts
DX	BOICEVILLE	ASH AZ-22 OLD	0.0076 fts	-	-
DY			-0.5302	0.0161 fts	-
DZ			0.2703	-0.5225	0.0123 fts
DX	BOICEVILLE	ASH AZ-21 OLD	0.0088 fts	-	-
DY			-0.5042	0.0186 fts	-
DZ			0.2521	-0.5250	0.0144 fts
DX	BOICEVILLE	ASH AZ-20	0.0062 fts	-	-
DY			-0.3179	0.0148 fts	-
DZ			0.4906	-0.5219	0.0129 fts
DX	BOICEVILLE	ASH AZ-19	0.0061 fts	-	-
DY			-0.3070	0.0149 fts	-
DZ			0.4725	-0.5337	0.0127 fts
DX	BOICEVILLE	ASH AZ-18	0.0149 fts	-	-
DY			-0.8162	0.0256 fts	-
DZ			0.5418	-0.7023	0.0162 fts
DX	BOICEVILLE	ASH AZ-17	0.0169 fts	-	-
DY			-0.8036	0.0286 fts	-
DZ			0.4638	-0.6887	0.0194 fts
DX	BOICEVILLE	ASH AZ-16	0.0076 fts	-	-
DY			-0.2415	0.0136 fts	-
DZ			0.1321	-0.6156	0.0115 fts
DX	BOICEVILLE	ASH AZ-	0.0088 fts	-	-

		15			
DY			-0.2492	0.0156 fts	-
DZ			0.1566	-0.6175	0.0129 fts
DX	BOICEVILLE	ASH AZ-14	0.0143 fts	-	-
DY			-0.4712	0.0249 fts	-
DZ			0.2748	-0.6456	0.0265 fts
DX	BOICEVILLE	ASH AZ-13	0.0103 fts	-	-
DY			-0.5006	0.0149 fts	-
DZ			0.2592	-0.6241	0.0188 fts
DX	BOICEVILLE	ASH AZ-12 OLD	0.0104 fts	-	-
DY			-0.3051	0.0291 fts	-
DZ			0.2328	-0.7697	0.0227 fts
DX	BOICEVILLE	ASH AZ-11 OLD	0.0116 fts	-	-
DY			-0.3549	0.0265 fts	-
DZ			0.2588	-0.7314	0.0238 fts
DX	BOICEVILLE	ASH AZ-1	0.0183 fts	-	-
DY			-0.4444	0.0307 fts	-
DZ			0.5706	-0.7467	0.0329 fts
DX	ANDES	WBDR AZ-8	0.0202 fts	-	-
DY			-0.6478	0.0283 fts	-
DZ			0.3360	-0.5327	0.0245 fts
DX	ANDES	WBDR AZ-7	0.0225 fts	-	-
DY			-0.7080	0.0308 fts	-
DZ			0.3653	-0.5418	0.0248 fts
DX	ANDES	WBDR AZ-6	0.0238 fts	-	-
DY			-0.4391	0.0361 fts	-
DZ			0.2475	-0.6235	0.0290 fts
DX	ANDES	WBDR AZ-4	0.0104 fts	-	-
DY			-0.3290	0.0226 fts	-
DZ			0.3403	-0.7376	0.0238 fts
DX	ANDES	WBDR AZ-30	0.0122 fts	-	-
DY			-0.4630	0.0254 fts	-
DZ			0.2311	-0.5186	0.0207 fts
DX	ANDES	WBDR AZ-3	0.0138 fts	-	-
DY			-0.2656	0.0299 fts	-
DZ			0.2832	-0.7173	0.0319 fts
DX	ANDES	WBDR AZ-28	0.0138 fts	-	-
DY			-0.3550	0.0268 fts	-
DZ			0.3829	-0.5686	0.0215 fts
DX	ANDES	WBDR AZ-27	0.0147 fts	-	-
DY			-0.3397	0.0278 fts	-
DZ			0.3746	-0.5494	0.0240 fts

WBDR

DX	ANDES	AZ-26	0.0141 fts	-	-
DY			-0.3871	0.0253 fts	-
DZ			0.5244	-0.7355	0.0270 fts
DX	ANDES	WBDR AZ-24	0.0099 fts	-	-
DY			-0.3510	0.0218 fts	-
DZ			0.2889	-0.7269	0.0209 fts
DX	ANDES	WBDR AZ-23	0.0099 fts	-	-
DY			-0.2977	0.0216 fts	-
DZ			0.2549	-0.7112	0.0214 fts
DX	ANDES	WBDR AZ-2	0.0126 fts	-	-
DY			-0.3394	0.0215 fts	-
DZ			0.4439	-0.6912	0.0209 fts
DX	ANDES	WBDR AZ-18	0.0093 fts	-	-
DY			-0.4540	0.0148 fts	-
DZ			0.2754	-0.6544	0.0126 fts
DX	ANDES	WBDR AZ-17	0.0095 fts	-	-
DY			-0.4586	0.0149 fts	-
DZ			0.2859	-0.6542	0.0127 fts
DX	ANDES	WBDR AZ-10	0.0382 fts	-	-
DY			-0.6966	0.0885 fts	-
DZ			0.4327	-0.7881	0.0613 fts
DX	ANDES	WBDR AZ-1	0.0159 fts	-	-
DY			-0.3285	0.0276 fts	-
DZ			0.4579	-0.6959	0.0275 fts
DX	ANDES	EBDR AZ- 8	0.0089 fts	-	-
DY			-0.1836	0.0176 fts	-
DZ			0.1272	-0.6217	0.0132 fts
DX	ANDES	EBDR AZ- 7 OLD	0.0130 fts	-	-
DY			-0.2601	0.0248 fts	-
DZ			0.1742	-0.6333	0.0180 fts
DX	ANDES	EBDR AZ- 4	0.0080 fts	-	-
DY			-0.4497	0.0147 fts	-
DZ			0.2630	-0.6829	0.0142 fts
DX	ANDES	EBDR AZ- 22	0.0158 fts	-	-
DY			-0.1265	0.0440 fts	-
DZ			0.1209	-0.6946	0.0317 fts
DX	ANDES	EBDR AZ- 21	0.0188 fts	-	-
DY			-0.0853	0.0522 fts	-
DZ			0.1636	-0.6847	0.0360 fts
DX	ANDES	EBDR AZ- 2	0.0066 fts	-	-
DY			-0.6209	0.0092 fts	-
DZ			0.3182	-0.5278	0.0085 fts

DX	ANDES	EBDR AZ-18	0.0166 fts	-	-
DY			-0.4280	0.0307 fts	-
DZ			0.2267	-0.6697	0.0304 fts
DX	ANDES	EBDR AZ-17	0.0288 fts	-	-
DY			0.5302	0.0272 fts	-
DZ			-0.6705	-0.6715	0.0269 fts
DX	ANDES	EBDR AZ-15	0.0186 fts	-	-
DY			-0.6493	0.0263 fts	-
DZ			0.3426	-0.5470	0.0225 fts
DX	ANDES	EBDR AZ-12	0.0884 fts	-	-
DY			-0.8317	0.1492 fts	-
DZ			0.6452	-0.7864	0.0978 fts
DX	ANDES	EBDR AZ-1	0.0057 fts	-	-
DY			-0.6530	0.0080 fts	-
DZ			0.3459	-0.5434	0.0070 fts
DX	MARGARETVILLE	WBDR AZ-18	0.0169 fts	-	-
DY			-0.4673	0.0265 fts	-
DZ			0.2835	-0.6513	0.0227 fts
DX	MARGARETVILLE	WBDR AZ-17	0.0224 fts	-	-
DY			-0.4649	0.0350 fts	-
DZ			0.2808	-0.6491	0.0306 fts
DX	MARGARETVILLE	EBDR AZ-9	0.0036 fts	-	-
DY			-0.4294	0.0066 fts	-
DZ			-0.0865	-0.5004	0.0071 fts
DX	MARGARETVILLE	EBDR AZ-8	0.0078 fts	-	-
DY			-0.2129	0.0147 fts	-
DZ			0.1318	-0.6188	0.0116 fts
DX	MARGARETVILLE	EBDR AZ-7 OLD	0.0129 fts	-	-
DY			-0.3131	0.0218 fts	-
DZ			0.1776	-0.6153	0.0178 fts
DX	MARGARETVILLE	EBDR AZ-6	0.0061 fts	-	-
DY			-0.3446	0.0149 fts	-
DZ			0.3880	-0.5127	0.0111 fts
DX	MARGARETVILLE	EBDR AZ-5	0.0054 fts	-	-
DY			-0.3623	0.0128 fts	-
DZ			0.3982	-0.4981	0.0098 fts
DX	MARGARETVILLE	EBDR AZ-28	0.0100 fts	-	-
DY			-0.3548	0.0200 fts	-
DZ			0.4895	-0.7617	0.0245 fts
DX	MARGARETVILLE	EBDR AZ-27	0.0114 fts	-	-
DY			-0.3394	0.0227 fts	-

DZ			0.4645	-0.7536	0.0286 fts
DX	MARGARETVILLE	EBDR AZ-26	0.0060 fts	-	-
DY			-0.3811	0.0114 fts	-
DZ			-0.2056	-0.4717	0.0119 fts
DX	MARGARETVILLE	EBDR AZ-25 OLD	0.0109 fts	-	-
DY			-0.3329	0.0186 fts	-
DZ			-0.1845	-0.4456	0.0235 fts
DX	MARGARETVILLE	EBDR AZ-24	0.0069 fts	-	-
DY			-0.3765	0.0131 fts	-
DZ			0.4180	-0.5489	0.0106 fts
DX	MARGARETVILLE	EBDR AZ-23	0.0068 fts	-	-
DY			-0.3696	0.0130 fts	-
DZ			0.3953	-0.5317	0.0108 fts
DX	MARGARETVILLE	EBDR AZ-22	0.0150 fts	-	-
DY			-0.1308	0.0415 fts	-
DZ			0.1394	-0.6950	0.0307 fts
DX	MARGARETVILLE	EBDR AZ-21	0.0214 fts	-	-
DY			-0.1975	0.0455 fts	-
DZ			0.2091	-0.6519	0.0394 fts
DX	MARGARETVILLE	EBDR AZ-20	0.0096 fts	-	-
DY			-0.5607	0.0224 fts	-
DZ			0.4061	-0.5403	0.0151 fts
DX	MARGARETVILLE	EBDR AZ-2	0.0116 fts	-	-
DY			-0.6268	0.0158 fts	-
DZ			0.3171	-0.5240	0.0147 fts
DX	MARGARETVILLE	EBDR AZ-19	0.0076 fts	-	-
DY			-0.4022	0.0181 fts	-
DZ			0.3280	-0.5396	0.0131 fts
DX	MARGARETVILLE	EBDR AZ-18	0.0072 fts	-	-
DY			-0.4549	0.0110 fts	-
DZ			0.2086	-0.6400	0.0126 fts
DX	MARGARETVILLE	EBDR AZ-17	0.0109 fts	-	-
DY			0.4164	0.0115 fts	-
DZ			-0.6431	-0.6356	0.0117 fts
DX	MARGARETVILLE	EBDR AZ-16 OLD	0.0089 fts	-	-
DY			-0.6621	0.0122 fts	-
DZ			0.3408	-0.5307	0.0107 fts
DX	MARGARETVILLE	EBDR AZ-15	0.0085 fts	-	-
DY			-0.6513	0.0120 fts	-
DZ			0.3422	-0.5449	0.0103 fts
DX	MARGARETVILLE	EBDR AZ-14 OLD	0.0063 fts	-	-

DY			-0.3918	0.0097 fts	-
DZ			0.3700	-0.6573	0.0086 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	0.0057 fts	-	-
DY			-0.4374	0.0087 fts	-
DZ			0.3805	-0.6712	0.0076 fts
DX	MARGARETVILLE	EBDR AZ-12	0.0101 fts	-	-
DY			-0.7010	0.0211 fts	-
DZ			0.4062	-0.7334	0.0150 fts
DX	MARGARETVILLE	EBDR AZ-11	0.0067 fts	-	-
DY			-0.7176	0.0140 fts	-
DZ			0.4393	-0.7297	0.0093 fts
DX	MARGARETVILLE	EBDR AZ-10	0.0036 fts	-	-
DY			-0.4443	0.0066 fts	-
DZ			-0.0735	-0.4953	0.0070 fts
DX	MARGARETVILLE	EBDR AZ-1	0.0100 fts	-	-
DY			-0.6566	0.0139 fts	-
DZ			0.3439	-0.5400	0.0122 fts
DX	MARGARETVILLE	ASH AZ-8	0.0139 fts	-	-
DY			-0.2009	0.0423 fts	-
DZ			0.4122	-0.6764	0.0350 fts
DX	MARGARETVILLE	ASH AZ-7	0.0186 fts	-	-
DY			-0.1766	0.0593 fts	-
DZ			0.3822	-0.7015	0.0484 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	0.0177 fts	-	-
DY			-0.5840	0.0486 fts	-
DZ			0.3679	-0.8109	0.0334 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	0.0144 fts	-	-
DY			-0.5784	0.0344 fts	-
DZ			0.3485	-0.7521	0.0244 fts
DX	MARGARETVILLE	ASH AZ-3	0.0263 fts	-	-
DY			-0.7625	0.0381 fts	-
DZ			0.4490	-0.5925	0.0273 fts
DX	MARGARETVILLE	ASH AZ-23	0.0363 fts	-	-
DY			-0.6169	0.0747 fts	-
DZ			0.1068	-0.6421	0.0553 fts
DX	MARGARETVILLE	ASH AZ-18	0.0262 fts	-	-
DY			-0.8186	0.0449 fts	-
DZ			0.5433	-0.6986	0.0292 fts
DX	MARGARETVILLE	ASH AZ-17	0.0297 fts	-	-
DY			-0.7867	0.0505 fts	-
DZ			0.4083	-0.6825	0.0360 fts
DX	MARGARETVILLE	ASH AZ-16	0.0184 fts	-	-
DY			-0.2602	0.0331 fts	-
DZ			0.1381	-0.6257	0.0282 fts

DX	MARGARETVILLE	ASH AZ-15	0.0209 fts	-	-
DY			-0.2430	0.0373 fts	-
DZ			0.1508	-0.6172	0.0308 fts
DX	MARGARETVILLE	ASH AZ-14	0.0366 fts	-	-
DY			-0.7378	0.0585 fts	-
DZ			0.4714	-0.7085	0.0494 fts
DX	MARGARETVILLE	ASH AZ-13	0.0213 fts	-	-
DY			-0.5002	0.0307 fts	-
DZ			0.2593	-0.6246	0.0386 fts
DX	DELHI	WBDR AZ-22	0.0037 fts	-	-
DY			-0.2863	0.0079 fts	-
DZ			0.2590	-0.7091	0.0080 fts
DX	DELHI	WBDR AZ-21	0.0030 fts	-	-
DY			-0.2937	0.0066 fts	-
DZ			0.2541	-0.7082	0.0066 fts
DX	DELHI	WBDR AZ-20	0.0069 fts	-	-
DY			-0.7527	0.0137 fts	-
DZ			0.4749	-0.7241	0.0090 fts
DX	DELHI	WBDR AZ-19 OLD	0.0073 fts	-	-
DY			-0.7733	0.0144 fts	-
DZ			0.4983	-0.7311	0.0092 fts
DX	DELHI	WBDR AZ-16 OLD	0.0063 fts	-	-
DY			-0.5052	0.0089 fts	-
DZ			0.2541	-0.5900	0.0108 fts
DX	DELHI	WBDR AZ-15	0.0069 fts	-	-
DY			-0.4994	0.0099 fts	-
DZ			0.2525	-0.5987	0.0122 fts
DX	DELHI	WBDR AZ-14	0.0099 fts	-	-
DY			-0.4142	0.0160 fts	-
DZ			0.1404	-0.5951	0.0135 fts
DX	DELHI	WBDR AZ-13	0.0107 fts	-	-
DY			-0.4209	0.0173 fts	-
DZ			0.1377	-0.5924	0.0143 fts
DX	DELHI	WBDR AZ-12	0.0103 fts	-	-
DY			-0.1746	0.0270 fts	-
DZ			0.3306	-0.6772	0.0240 fts
DX	DELHI	WBDR AZ-11	0.0128 fts	-	-
DY			-0.1841	0.0345 fts	-
DZ			0.3480	-0.6987	0.0319 fts

WBDR

DX	WBDR AZ-20	AZ-19 OLD	0.0083 fts	-	-
DY			-0.7743	0.0163 fts	-
DZ			0.4993	-0.7295	0.0104 fts
DX	SUNDOWN	ROND AZ- 8	0.0068 fts	-	-
DY			-0.7888	0.0098 fts	-
DZ			0.4789	-0.6057	0.0067 fts
DX	SUNDOWN	ROND AZ- 7	0.0068 fts	-	-
DY			-0.7937	0.0098 fts	-
DZ			0.5001	-0.6183	0.0068 fts
DX	SUNDOWN	ROND AZ- 6	0.0063 fts	-	-
DY			-0.6259	0.0138 fts	-
DZ			0.3636	-0.7266	0.0097 fts
DX	SUNDOWN	ROND AZ- 5	0.0063 fts	-	-
DY			-0.6475	0.0145 fts	-
DZ			0.3935	-0.7516	0.0098 fts
DX	SUNDOWN	ROND AZ- 4	0.0109 fts	-	-
DY			-0.4805	0.0165 fts	-
DZ			0.2617	-0.6646	0.0204 fts
DX	SUNDOWN	ROND AZ- 3	0.0102 fts	-	-
DY			-0.4845	0.0153 fts	-
DZ			0.2624	-0.6567	0.0187 fts
DX	SUNDOWN	ROND AZ- 2	0.0078 fts	-	-
DY			-0.4570	0.0135 fts	-
DZ			0.2704	-0.6677	0.0149 fts
DX	SUNDOWN	ROND AZ- 1	0.0074 fts	-	-
DY			-0.4384	0.0138 fts	-
DZ			0.2731	-0.6863	0.0144 fts
DX	SUNDOWN	NEV AZ-4	0.0123 fts	-	-
DY			-0.6536	0.0275 fts	-
DZ			0.3569	-0.7437	0.0208 fts
DX	SUNDOWN	NEV AZ-3	0.0127 fts	-	-
DY			-0.6135	0.0322 fts	-
DZ			0.3694	-0.7841	0.0236 fts
DX	SUNDOWN	NEV AZ-2	0.0228 fts	-	-
DY			-0.7184	0.0356 fts	-
DZ			0.4285	-0.5594	0.0241 fts
DX	SUNDOWN	NEV AZ-1	0.0185 fts	-	-
DY			-0.6087	0.0404 fts	-
DZ			0.4496	-0.5678	0.0207 fts
DX	WBDR AZ-2	WBDR AZ-1	0.0060 fts	-	-
DY			-0.3484	0.0104 fts	-
DZ			0.4679	-0.6988	0.0104 fts
DX	NYON	WBDR AZ-9	0.0125 fts	-	-
DY			-0.7019	0.0273 fts	-

DZ			0.4365	-0.7621	0.0185 fts
DX	NYON	WBDR AZ-8	0.0127 fts	-	-
DY			-0.5916	0.0186 fts	-
DZ			0.3141	-0.5501	0.0157 fts
DX	NYON	WBDR AZ-7	0.0170 fts	-	-
DY			-0.6443	0.0243 fts	-
DZ			0.3392	-0.5551	0.0195 fts
DX	NYON	WBDR AZ-6	0.0201 fts	-	-
DY			-0.4498	0.0314 fts	-
DZ			0.2368	-0.6248	0.0250 fts
DX	NYON	WBDR AZ-5	0.0295 fts	-	-
DY			-0.6143	0.0396 fts	-
DZ			0.4164	-0.6787	0.0313 fts
DX	NYON	WBDR AZ-4	0.0079 fts	-	-
DY			-0.3005	0.0172 fts	-
DZ			0.3193	-0.7306	0.0182 fts
DX	NYON	WBDR AZ-3	0.0123 fts	-	-
DY			-0.2579	0.0267 fts	-
DZ			0.2755	-0.7149	0.0284 fts
DX	NYON	WBDR AZ-28	0.0097 fts	-	-
DY			-0.3793	0.0185 fts	-
DZ			0.4058	-0.5476	0.0148 fts
DX	NYON	WBDR AZ-26	0.0091 fts	-	-
DY			-0.4116	0.0157 fts	-
DZ			0.5431	-0.7329	0.0174 fts
DX	NYON	WBDR AZ-25	0.0192 fts	-	-
DY			-0.5298	0.0302 fts	-
DZ			0.6380	-0.7756	0.0340 fts
DX	NYON	WBDR AZ-24	0.0071 fts	-	-
DY			-0.3687	0.0154 fts	-
DZ			0.3003	-0.7253	0.0149 fts
DX	NYON	WBDR AZ-22	0.0099 fts	-	-
DY			-0.2869	0.0214 fts	-
DZ			0.2593	-0.7092	0.0218 fts
DX	NYON	WBDR AZ-21	0.0082 fts	-	-
DY			-0.2937	0.0178 fts	-
DZ			0.2541	-0.7082	0.0178 fts
DX	NYON	WBDR AZ-20	0.0184 fts	-	-
DY			-0.7557	0.0368 fts	-
DZ			0.4836	-0.7297	0.0238 fts
DX	NYON	WBDR AZ-2	0.0108 fts	-	-

DY			-0.3444	0.0184 fts	-
DZ			0.4450	-0.6898	0.0180 fts
DX	NYON	WBDR AZ-19 OLD	0.0185 fts	-	-
DY			-0.7743	0.0362 fts	-
DZ			0.4993	-0.7295	0.0231 fts
DX	NYON	WBDR AZ-18	0.0124 fts	-	-
DY			-0.4614	0.0195 fts	-
DZ			0.2823	-0.6490	0.0170 fts
DX	NYON	WBDR AZ-17	0.0170 fts	-	-
DY			-0.4687	0.0266 fts	-
DZ			0.2964	-0.6520	0.0228 fts
DX	NYON	WBDR AZ-16 OLD	0.0106 fts	-	-
DY			-0.5056	0.0150 fts	-
DZ			0.2542	-0.5899	0.0182 fts
DX	NYON	WBDR AZ-15	0.0094 fts	-	-
DY			-0.4998	0.0133 fts	-
DZ			0.2526	-0.5986	0.0165 fts
DX	NYON	WBDR AZ-14	0.0081 fts	-	-
DY			-0.4070	0.0131 fts	-
DZ			0.1363	-0.5946	0.0110 fts
DX	NYON	WBDR AZ-13	0.0121 fts	-	-
DY			-0.4151	0.0197 fts	-
DZ			0.1343	-0.5921	0.0163 fts
DX	NYON	WBDR AZ-12	0.0101 fts	-	-
DY			-0.1428	0.0244 fts	-
DZ			0.2619	-0.6803	0.0220 fts
DX	NYON	WBDR AZ-11	0.0278 fts	-	-
DY			-0.1402	0.0693 fts	-
DZ			0.2763	-0.6884	0.0631 fts
DX	NYON	WBDR AZ-1	0.0129 fts	-	-
DY			-0.3338	0.0218 fts	-
DZ			0.4583	-0.6899	0.0222 fts
DX	NYON	EBDR AZ- 8	0.0132 fts	-	-
DY			-0.2092	0.0249 fts	-
DZ			0.1342	-0.6173	0.0195 fts
DX	NYON	EBDR AZ- 7 OLD	0.0274 fts	-	-
DY			-0.3536	0.0407 fts	-
DZ			0.2737	-0.6290	0.0336 fts
DX	NYON	EBDR AZ- 6	0.0101 fts	-	-
DY			-0.3380	0.0246 fts	-

DZ			0.3854	-0.5108	0.0184 fts
DX	NYON	EBDR AZ- 5	0.0094 fts	-	-
DY			-0.3573	0.0222 fts	-
DZ			0.3950	-0.4951	0.0171 fts
DX	NYON	EBDR AZ- 3	0.0147 fts	-	-
DY			-0.4526	0.0226 fts	-
DZ			0.2154	-0.6475	0.0264 fts
DX	NYON	EBDR AZ- 22	0.0124 fts	-	-
DY			-0.1308	0.0345 fts	-
DZ			0.1394	-0.6950	0.0255 fts
DX	NYON	EBDR AZ- 21	0.0170 fts	-	-
DY			-0.2098	0.0359 fts	-
DZ			0.2143	-0.6493	0.0307 fts
DX	NYON	EBDR AZ- 2	0.0133 fts	-	-
DY			-0.6228	0.0183 fts	-
DZ			0.3154	-0.5235	0.0171 fts
DX	NYON	EBDR AZ- 17	0.0172 fts	-	-
DY			0.4156	0.0181 fts	-
DZ			-0.6425	-0.6350	0.0185 fts
DX	NYON	EBDR AZ- 1	0.0087 fts	-	-
DY			-0.6533	0.0121 fts	-
DZ			0.3410	-0.5391	0.0106 fts
DX	NYKT	ROND AZ- 8	0.0189 fts	-	-
DY			-0.7866	0.0271 fts	-
DZ			0.4671	-0.6010	0.0184 fts
DX	NYKT	ROND AZ- 7	0.0167 fts	-	-
DY			-0.7999	0.0234 fts	-
DZ			0.5525	-0.6311	0.0174 fts
DX	NYKT	ROND AZ- 6	0.0162 fts	-	-
DY			-0.6290	0.0350 fts	-
DZ			0.3666	-0.7231	0.0246 fts
DX	NYKT	ROND AZ- 5	0.0165 fts	-	-
DY			-0.6511	0.0376 fts	-
DZ			0.3964	-0.7471	0.0252 fts
DX	NYKT	ROND AZ- 4	0.0204 fts	-	-
DY			-0.4630	0.0331 fts	-
DZ			0.2655	-0.6726	0.0386 fts
DX	NYKT	ROND AZ- 2	0.0122 fts	-	-
DY			-0.4570	0.0213 fts	-
DZ			0.2704	-0.6677	0.0234 fts
DX	NYKT	ROND AZ- 1	0.0122 fts	-	-

DY			-0.4384	0.0228 fts	-
DZ			0.2731	-0.6863	0.0238 fts
DX	NYKT	NEV AZ-3	0.0209 fts	-	-
DY			-0.5806	0.0506 fts	-
DZ			0.3118	-0.7742	0.0400 fts
DX	NYKT	EBDR AZ-28	0.0153 fts	-	-
DY			-0.3743	0.0311 fts	-
DZ			0.5165	-0.7753	0.0381 fts
DX	NYKT	EBDR AZ-27	0.0157 fts	-	-
DY			-0.3757	0.0310 fts	-
DZ			0.5068	-0.7662	0.0400 fts
DX	NYKT	EBDR AZ-25 OLD	0.0260 fts	-	-
DY			-0.3172	0.0460 fts	-
DZ			-0.1827	-0.4598	0.0569 fts
DX	NYKT	EBDR AZ-24	0.0145 fts	-	-
DY			-0.3763	0.0273 fts	-
DZ			0.4165	-0.5490	0.0221 fts
DX	NYKT	ASH AZ-8	0.0107 fts	-	-
DY			-0.2026	0.0322 fts	-
DZ			0.4135	-0.6701	0.0267 fts
DX	NYKT	ASH AZ-7	0.0131 fts	-	-
DY			-0.1740	0.0415 fts	-
DZ			0.3845	-0.6950	0.0336 fts
DX	NYKT	ASH AZ-5 OLD	0.0132 fts	-	-
DY			-0.5787	0.0317 fts	-
DZ			0.3509	-0.7546	0.0223 fts
DX	NYKT	ASH AZ-4	0.0404 fts	-	-
DY			-0.7799	0.0510 fts	-
DZ			0.6590	-0.5308	0.0601 fts
DX	NYKT	ASH AZ-30 OLD	0.0170 fts	-	-
DY			-0.3345	0.0536 fts	-
DZ			0.4238	-0.6294	0.0354 fts
DX	NYKT	ASH AZ-3	0.0194 fts	-	-
DY			-0.7625	0.0280 fts	-
DZ			0.4490	-0.5925	0.0201 fts
DX	NYKT	ASH AZ-29 OLD	0.0239 fts	-	-
DY			-0.3821	0.0587 fts	-
DZ			0.4405	-0.5007	0.0437 fts
DX	NYKT	ASH AZ-28	0.0090 fts	-	-
DY			-0.4354	0.0158 fts	-
DZ			-0.1147	-0.4802	0.0173 fts
DX	NYKT	ASH AZ-27	0.0116 fts	-	-
DY			-0.4503	0.0212 fts	-
DZ			-0.0511	-0.4894	0.0218 fts
DX	NYKT	ASH AZ-26 OLD	0.0110 fts	-	-

DY			-0.3542	0.0181 fts	-
DZ			-0.1931	-0.4160	0.0219 fts
DX	NYKT	ASH AZ-25 OLD	0.0108 fts	-	-
DY			-0.3588	0.0178 fts	-
DZ			-0.2083	-0.4214	0.0218 fts
DX	NYKT	ASH AZ-24	0.0256 fts	-	-
DY			-0.3301	0.0561 fts	-
DZ			-0.0763	-0.6155	0.0531 fts
DX	NYKT	ASH AZ-23	0.0256 fts	-	-
DY			-0.4596	0.0491 fts	-
DZ			0.0296	-0.5344	0.0459 fts
DX	NYKT	ASH AZ-22 OLD	0.0118 fts	-	-
DY			-0.5378	0.0249 fts	-
DZ			0.2728	-0.5234	0.0189 fts
DX	NYKT	ASH AZ-21 OLD	0.0207 fts	-	-
DY			-0.4933	0.0438 fts	-
DZ			0.2465	-0.5256	0.0342 fts
DX	NYKT	ASH AZ-20	0.0105 fts	-	-
DY			-0.3160	0.0247 fts	-
DZ			0.4987	-0.5132	0.0222 fts
DX	NYKT	ASH AZ-2	0.0252 fts	-	-
DY			-0.4898	0.0427 fts	-
DZ			0.6103	-0.7734	0.0482 fts
DX	NYKT	ASH AZ-19	0.0108 fts	-	-
DY			-0.3004	0.0262 fts	-
DZ			0.4592	-0.5304	0.0223 fts
DX	NYKT	ASH AZ-18	0.0193 fts	-	-
DY			-0.8196	0.0331 fts	-
DZ			0.5448	-0.6967	0.0214 fts
DX	NYKT	ASH AZ-17	0.0272 fts	-	-
DY			-0.7866	0.0463 fts	-
DZ			0.4079	-0.6824	0.0330 fts
DX	NYKT	ASH AZ-16	0.0145 fts	-	-
DY			-0.2442	0.0261 fts	-
DZ			0.1316	-0.6157	0.0221 fts
DX	NYKT	ASH AZ-15	0.0168 fts	-	-
DY			-0.2499	0.0297 fts	-
DZ			0.1567	-0.6176	0.0245 fts
DX	NYKT	ASH AZ-14	0.0201 fts	-	-
DY			-0.4771	0.0351 fts	-
DZ			0.2789	-0.6458	0.0369 fts
DX	NYKT	ASH AZ-13	0.0153 fts	-	-

DY			-0.5002	0.0220 fts	-
DZ			0.2593	-0.6246	0.0277 fts
DX	NYKT	ASH AZ-12 OLD	0.0178 fts	-	-
DY			-0.2993	0.0503 fts	-
DZ			0.2297	-0.7712	0.0390 fts
DX	NYKT	ASH AZ-11 OLD	0.0197 fts	-	-
DY			-0.3513	0.0454 fts	-
DZ			0.2554	-0.7318	0.0418 fts
DX	NYKT	ASH AZ-10	0.0232 fts	-	-
DY			-0.5165	0.0387 fts	-
DZ			0.3280	-0.6863	0.0358 fts
DX	NYKT	ASH AZ-1	0.0130 fts	-	-
DY			-0.4737	0.0216 fts	-
DZ			0.5983	-0.7599	0.0231 fts
DX	NYHS	ASH AZ-26 OLD	0.0136 fts	-	-
DY			-0.3436	0.0221 fts	-
DZ			-0.2282	-0.4077	0.0281 fts
DX	NYHS	ASH AZ-25 OLD	0.0125 fts	-	-
DY			-0.3588	0.0206 fts	-
DZ			-0.2083	-0.4214	0.0252 fts
DX	NYHS	ASH AZ-23	0.0252 fts	-	-
DY			-0.4456	0.0496 fts	-
DZ			0.0266	-0.5468	0.0458 fts
DX	NYHS	ASH AZ-22 OLD	0.0133 fts	-	-
DY			-0.5460	0.0281 fts	-
DZ			0.2761	-0.5242	0.0211 fts
DX	NYHS	ASH AZ-21 OLD	0.0205 fts	-	-
DY			-0.5093	0.0441 fts	-
DZ			0.2536	-0.5350	0.0334 fts
DX	NYHS	ASH AZ-20	0.0109 fts	-	-
DY			-0.3126	0.0259 fts	-
DZ			0.4812	-0.5180	0.0226 fts
DX	NYHS	ASH AZ-19	0.0111 fts	-	-
DY			-0.3004	0.0268 fts	-
DZ			0.4592	-0.5304	0.0228 fts
DX	NYHS	ASH AZ-16	0.0153 fts	-	-
DY			-0.2428	0.0274 fts	-
DZ			0.1276	-0.6157	0.0234 fts
DX	NYHS	ASH AZ-15	0.0177 fts	-	-
DY			-0.2645	0.0315 fts	-
DZ			0.1487	-0.6207	0.0263 fts
DX	NYHS	ASH AZ-14	0.0216 fts	-	-

DY			-0.4597	0.0403 fts	-
DZ			0.2814	-0.6600	0.0401 fts
DX	NYHS	ASH AZ-13	0.0184 fts	-	-
DY			-0.4533	0.0298 fts	-
DZ			0.2563	-0.6365	0.0341 fts
DX	NYHC	WBDR AZ-9	0.0300 fts	-	-
DY			-0.7202	0.0622 fts	-
DZ			0.4416	-0.7316	0.0416 fts
DX	NYHC	WBDR AZ-8	0.0148 fts	-	-
DY			-0.6464	0.0205 fts	-
DZ			0.3323	-0.5287	0.0180 fts
DX	NYHC	WBDR AZ-7	0.0173 fts	-	-
DY			-0.6937	0.0234 fts	-
DZ			0.3530	-0.5336	0.0195 fts
DX	NYHC	WBDR AZ-6	0.0210 fts	-	-
DY			-0.4458	0.0325 fts	-
DZ			0.2319	-0.6218	0.0262 fts
DX	NYHC	WBDR AZ-5	0.0302 fts	-	-
DY			-0.6097	0.0403 fts	-
DZ			0.4110	-0.6786	0.0302 fts
DX	NYHC	WBDR AZ-4	0.0087 fts	-	-
DY			-0.2958	0.0189 fts	-
DZ			0.3157	-0.7293	0.0200 fts
DX	NYHC	WBDR AZ-3	0.0136 fts	-	-
DY			-0.2579	0.0294 fts	-
DZ			0.2755	-0.7149	0.0313 fts
DX	NYHC	WBDR AZ-22	0.0099 fts	-	-
DY			-0.2869	0.0213 fts	-
DZ			0.2593	-0.7092	0.0217 fts
DX	NYHC	WBDR AZ-21	0.0094 fts	-	-
DY			-0.2937	0.0204 fts	-
DZ			0.2541	-0.7082	0.0205 fts
DX	NYHC	WBDR AZ-20	0.0185 fts	-	-
DY			-0.7536	0.0364 fts	-
DZ			0.4759	-0.7228	0.0238 fts
DX	NYHC	WBDR AZ-2	0.0117 fts	-	-
DY			-0.3442	0.0199 fts	-
DZ			0.4450	-0.6897	0.0194 fts
DX	NYHC	WBDR AZ-19 OLD	0.0189 fts	-	-
DY			-0.7743	0.0370 fts	-
DZ			0.4993	-0.7296	0.0236 fts

DX	NYHC	WBDR AZ-16 OLD	0.0115 fts	-	-
DY			-0.5056	0.0163 fts	-
DZ			0.2542	-0.5899	0.0197 fts
DX	NYHC	WBDR AZ-15	0.0099 fts	-	-
DY			-0.4998	0.0141 fts	-
DZ			0.2526	-0.5986	0.0175 fts
DX	NYHC	WBDR AZ-14	0.0107 fts	-	-
DY			-0.4070	0.0173 fts	-
DZ			0.1363	-0.5946	0.0146 fts
DX	NYHC	WBDR AZ-13	0.0140 fts	-	-
DY			-0.4151	0.0228 fts	-
DZ			0.1343	-0.5921	0.0188 fts
DX	NYHC	WBDR AZ-12	0.0106 fts	-	-
DY			-0.1428	0.0257 fts	-
DZ			0.2619	-0.6803	0.0232 fts
DX	NYHC	WBDR AZ-11	0.0258 fts	-	-
DY			-0.1372	0.0639 fts	-
DZ			0.2800	-0.6869	0.0583 fts
DX	NYHC	WBDR AZ-10	0.0344 fts	-	-
DY			-0.6790	0.0813 fts	-
DZ			0.4058	-0.7956	0.0579 fts
DX	NYHC	WBDR AZ-1	0.0140 fts	-	-
DY			-0.3338	0.0236 fts	-
DZ			0.4583	-0.6899	0.0241 fts
DX	NYHC	EBDR AZ- 3	0.0157 fts	-	-
DY			-0.4526	0.0241 fts	-
DZ			0.2154	-0.6475	0.0281 fts
DX	NYHC	EBDR AZ- 2	0.0167 fts	-	-
DY			-0.6228	0.0229 fts	-
DZ			0.3154	-0.5235	0.0214 fts
DX	NYHC	EBDR AZ- 1	0.0112 fts	-	-
DY			-0.6533	0.0157 fts	-
DZ			0.3410	-0.5391	0.0138 fts
DX	NYCS	WBDR AZ-28	0.0103 fts	-	-
DY			-0.3794	0.0196 fts	-
DZ			0.4059	-0.5475	0.0157 fts
DX	NYCS	WBDR AZ-27	0.0124 fts	-	-
DY			-0.3727	0.0229 fts	-
DZ			0.4002	-0.5213	0.0194 fts
DX	NYCS	WBDR AZ-26	0.0099 fts	-	-

DY			-0.4099	0.0167 fts	-
DZ			0.5338	-0.7269	0.0186 fts
DX	NYCS	WBDR AZ-25	0.0191 fts	-	-
DY			-0.4961	0.0305 fts	-
DZ			0.6089	-0.7598	0.0344 fts
DX	NYCS	WBDR AZ-24	0.0079 fts	-	-
DY			-0.3632	0.0172 fts	-
DZ			0.2957	-0.7237	0.0166 fts
DX	NYCS	WBDR AZ-23	0.0068 fts	-	-
DY			-0.2993	0.0147 fts	-
DZ			0.2549	-0.7086	0.0146 fts
DX	NYCS	WBDR AZ-15	0.0087 fts	-	-
DY			-0.4998	0.0124 fts	-
DZ			0.2526	-0.5986	0.0154 fts
DX	NYCS	EBDR AZ- 22	0.0133 fts	-	-
DY			-0.1308	0.0370 fts	-
DZ			0.1394	-0.6950	0.0273 fts
DX	NYCS	EBDR AZ- 21	0.0173 fts	-	-
DY			-0.2102	0.0365 fts	-
DZ			0.2155	-0.6483	0.0311 fts
DX	ASH AZ-29 NEW	ASH AZ- 30 NEW	0.0157 fts	-	-
DY			-0.5319	0.0329 fts	-
DZ			0.2259	-0.7560	0.0260 fts
DX	ASH AZ-29 NEW	ASH AZ- 30 NEW	0.0192 fts	-	-
DY			-0.6207	0.0426 fts	-
DZ			0.3139	-0.7960	0.0312 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0240 fts	-	-
DY			-0.2190	0.0459 fts	-
DZ			-0.0423	-0.6851	0.0463 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0189 fts	-	-
DY			-0.2133	0.0367 fts	-
DZ			-0.0048	-0.6615	0.0363 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.0273 fts	-	-
DY			-0.1703	0.0512 fts	-
DZ			0.2771	-0.6139	0.0294 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.0160 fts	-	-
DY			0.0134	0.0320 fts	-
DZ			0.1266	-0.6128	0.0205 fts
DX	EBDR AZ-16 NEW	EBDR AZ- 14 NEW	0.0241 fts	-	-
DY			-0.5151	0.0412 fts	-
DZ			0.2577	-0.6142	0.0311 fts
DX	EBDR AZ-16 NEW	EBDR AZ-	0.0162 fts	-	-

		14 NEW			
DY			-0.2033	0.0395 fts	-
DZ			0.3037	-0.7130	0.0377 fts
DY	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0079 fts	-	-
DZ			-0.6120	0.0113 fts	-
DY			0.3643	-0.6052	0.0120 fts
DZ	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0115 fts	-	-
DY			-0.5256	0.0172 fts	-
DZ			0.3076	-0.6884	0.0206 fts
DY	SHANDAKEN	ASH AZ-11 NEW	0.0168 fts	-	-
DZ			-0.5143	0.0288 fts	-
DY			0.1811	-0.6952	0.0228 fts
DZ	SHANDAKEN	ASH AZ-11 NEW	0.0108 fts	-	-
DY			-0.4346	0.0191 fts	-
DZ			0.1870	-0.6979	0.0156 fts
DY	ASH AZ-21 OLD	U279 RESET 1973	0.0175 fts	-	-
DZ			-0.6114	0.0376 fts	-
DY			0.2705	-0.7933	0.0286 fts
DZ	ASH AZ-21 OLD	U279 RESET 1973	0.0240 fts	-	-
DY			-0.6932	0.0365 fts	-
DZ			0.2537	-0.6462	0.0244 fts
DY	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0110 fts	-	-
DZ			-0.6296	0.0230 fts	-
DY			0.2967	-0.7838	0.0165 fts
DZ	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0173 fts	-	-
DY			-0.7049	0.0264 fts	-
DZ			0.3014	-0.6706	0.0167 fts
DY	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0098 fts	-	-
DZ			-0.3595	0.0234 fts	-
DY			0.1727	-0.6191	0.0170 fts
DZ	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0163 fts	-	-
DY			-0.3931	0.0375 fts	-
DZ			0.0285	-0.6369	0.0305 fts
DY	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0204 fts	-	-
DZ			-0.5212	0.0351 fts	-
DY			0.2446	-0.6136	0.0273 fts
DZ	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0182 fts	-	-
DY			-0.2038	0.0435 fts	-
DZ			0.2923	-0.7101	0.0418 fts
DY	WBDR AZ-19 OLD	D309 RESET	0.0163 fts	-	-

		1995			
DY			-0.7448	0.0245 fts	-
DZ			0.4179	-0.5963	0.0152 fts
		D309			
DX	WBDR AZ-19 OLD	RESET	0.0162 fts	-	-
		1995			
DY			-0.7209	0.0237 fts	-
DZ			0.3894	-0.5648	0.0156 fts
DX	ASH AZ-10	ASH AZ-9	0.0209 fts	-	-
DY			-0.7737	0.0315 fts	-
DZ			0.6294	-0.8108	0.0223 fts
DX	ASH AZ-10	ASH AZ-9	0.0263 fts	-	-
DY			-0.7427	0.0410 fts	-
DZ			0.4358	-0.6530	0.0252 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0090 fts	-	-
DY			-0.6168	0.0128 fts	-
DZ			0.3660	-0.6060	0.0134 fts
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0103 fts	-	-
DY			-0.5256	0.0153 fts	-
DZ			0.3072	-0.6878	0.0184 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0066 fts	-	-
DY			-0.6269	0.0093 fts	-
DZ			0.3453	-0.5846	0.0087 fts
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0131 fts	-	-
DY			-0.5257	0.0195 fts	-
DZ			0.3077	-0.6884	0.0234 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0083 fts	-	-
DY			-0.6158	0.0119 fts	-
DZ			0.3670	-0.6060	0.0126 fts
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0094 fts	-	-
DY			-0.5256	0.0140 fts	-
DZ			0.3072	-0.6878	0.0168 fts
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0068 fts	-	-
DY			-0.6208	0.0095 fts	-
DZ			0.3426	-0.5880	0.0091 fts
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0121 fts	-	-
DY			-0.5257	0.0180 fts	-
DZ			0.3077	-0.6884	0.0216 fts
		U279			
DX	ASH AZ-22 OLD	RESET	0.0193 fts	-	-
		1973			
DY			-0.6502	0.0383 fts	-
DZ			0.3030	-0.7892	0.0276 fts
		U279			
DX	ASH AZ-22 OLD	RESET	0.0230 fts	-	-
		1973			
DY			-0.6932	0.0350 fts	-

DZ			0.2535	-0.6459	0.0234 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0132 fts	-	-
DY			-0.6600	0.0260 fts	-
DZ			0.3129	-0.7843	0.0185 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	0.0221 fts	-	-
DY			-0.7615	0.0355 fts	-
DZ			0.4762	-0.7051	0.0216 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0172 fts	-	-
DY			-0.6835	0.0234 fts	-
DZ			0.4020	-0.7091	0.0243 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0217 fts	-	-
DY			-0.5442	0.0323 fts	-
DZ			0.3147	-0.6914	0.0367 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0228 fts	-	-
DY			-0.6974	0.0308 fts	-
DZ			0.4139	-0.7125	0.0315 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0249 fts	-	-
DY			-0.5318	0.0376 fts	-
DZ			0.2932	-0.6846	0.0420 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	0.0085 fts	-	-
DY			-0.4606	0.0176 fts	-
DZ			0.1932	-0.5528	0.0139 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	0.0116 fts	-	-
DY			-0.4674	0.0228 fts	-
DZ			0.0509	-0.5492	0.0201 fts
DX	ASH AZ-27	ASH AZ- 28	0.0046 fts	-	-
DY			-0.4277	0.0082 fts	-
DZ			-0.1297	-0.4829	0.0091 fts
DX	ASH AZ-27	ASH AZ- 28	0.0070 fts	-	-
DY			-0.4334	0.0134 fts	-
DZ			0.3622	-0.4726	0.0113 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0092 fts	-	-
DY			-0.0631	0.0234 fts	-
DZ			0.0877	-0.7101	0.0137 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0135 fts	-	-
DY			-0.0339	0.0330 fts	-
DZ			0.0993	-0.6327	0.0195 fts
DX	ASH AZ-11 OLD	ASH AZ- 12 NEW	0.0217 fts	-	-
DY			-0.5168	0.0397 fts	-

DZ			0.1624	-0.7053	0.0452 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0170 fts	-	-
DY			-0.2550	0.0321 fts	-
DZ			0.1325	-0.5161	0.0401 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0255 fts	-	-
DY			-0.5194	0.0433 fts	-
DZ			0.2516	-0.6152	0.0322 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0199 fts	-	-
DY			-0.2213	0.0450 fts	-
DZ			0.2890	-0.7034	0.0447 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0085 fts	-	-
DY			-0.5481	0.0141 fts	-
DZ			0.2642	-0.6164	0.0102 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0069 fts	-	-
DY			-0.2391	0.0212 fts	-
DZ			0.4441	-0.7171	0.0180 fts
DX	ASH AZ-1	ASH AZ-2	0.0083 fts	-	-
DY			-0.4619	0.0142 fts	-
DZ			0.5889	-0.7611	0.0156 fts
DX	ASH AZ-1	ASH AZ-2	0.0096 fts	-	-
DY			-0.6211	0.0208 fts	-
DZ			0.5067	-0.8351	0.0175 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0112 fts	-	-
DY			-0.5219	0.0157 fts	-
DZ			0.2644	-0.5886	0.0186 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0064 fts	-	-
DY			-0.3467	0.0107 fts	-
DZ			-0.2098	-0.4371	0.0132 fts
DX	WBDR AZ-20	D309 RESET 1995	0.0229 fts	-	-
DY			-0.7560	0.0335 fts	-
DZ			0.4889	-0.6229	0.0222 fts
DX	WBDR AZ-20	D309 RESET 1995	0.0230 fts	-	-
DY			-0.7367	0.0320 fts	-
DZ			0.4978	-0.5912	0.0235 fts
DX	NYON	WBDR AZ-30	0.0088 fts	-	-
DY			-0.4630	0.0185 fts	-
DZ			0.2311	-0.5186	0.0151 fts
DX	NYON	WBDR AZ-30	0.0085 fts	-	-
DY			-0.3445	0.0142 fts	-
DZ			-0.1974	-0.4269	0.0174 fts
DX	NYON	WBDR AZ-29	0.0168 fts	-	-

DY			-0.4093	0.0375 fts	-
DZ			0.3265	-0.4947	0.0285 fts
DX	NYON	WBDR AZ-29	0.0106 fts	-	-
DY			-0.3431	0.0176 fts	-
DZ			-0.2105	-0.4399	0.0217 fts
DX	NYON	WBDR AZ-23	0.0196 fts	-	-
DY			-0.3195	0.0321 fts	-
DZ			-0.2556	-0.4407	0.0419 fts
DX	NYON	WBDR AZ-23	0.0065 fts	-	-
DY			-0.2993	0.0141 fts	-
DZ			0.2549	-0.7086	0.0141 fts
DX	NYCS	WBDR AZ-29	0.0138 fts	-	-
DY			-0.5156	0.0194 fts	-
DZ			0.2625	-0.5887	0.0231 fts
DX	NYCS	WBDR AZ-29	0.0177 fts	-	-
DY			-0.3872	0.0393 fts	-
DZ			0.3181	-0.4900	0.0304 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0172 fts	-	-
DY			-0.4698	0.0300 fts	-
DZ			0.2588	-0.6195	0.0239 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0191 fts	-	-
DY			-0.3185	0.0403 fts	-
DZ			0.3322	-0.6916	0.0413 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	0.0082 fts	-	-
DY			-0.3120	0.0189 fts	-
DZ			0.4691	-0.6945	0.0204 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	0.0161 fts	-	-
DY			-0.3684	0.0295 fts	-
DZ			0.2297	-0.6408	0.0259 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	0.0210 fts	-	-
DY			-0.2670	0.0454 fts	-
DZ			0.3399	-0.6999	0.0481 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	0.0239 fts	-	-
DY			-0.2915	0.0629 fts	-
DZ			0.5074	-0.6957	0.0607 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 14 NEW	0.0117 fts	-	-
DY			-0.4047	0.0207 fts	-
DZ			0.2284	-0.6301	0.0174 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 14 NEW	0.0132 fts	-	-
DY			-0.2605	0.0281 fts	-
DZ			0.3142	-0.6977	0.0296 fts
DX	EBDR AZ-14 OLD	EBDR AZ-	0.0174 fts	-	-

		14 NEW			
DY			-0.3120	0.0401 fts	-
DZ			0.4691	-0.6945	0.0432 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0201 fts	-	-
DY			-0.4776	0.0352 fts	-
DZ			0.2531	-0.6199	0.0281 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0222 fts	-	-
DY			-0.3427	0.0453 fts	-
DZ			0.3054	-0.6817	0.0451 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0151 fts	-	-
DY			-0.3036	0.0369 fts	-
DZ			0.4745	-0.7003	0.0381 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0058 fts	-	-
DY			-0.4289	0.0087 fts	-
DZ			0.3969	-0.6703	0.0076 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0080 fts	-	-
DY			-0.3453	0.0150 fts	-
DZ			0.2423	-0.6493	0.0135 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0090 fts	-	-
DY			-0.2900	0.0242 fts	-
DZ			0.4937	-0.6731	0.0220 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0095 fts	-	-
DY			-0.2932	0.0170 fts	-
DZ			0.2139	-0.6408	0.0151 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0136 fts	-	-
DY			-0.2574	0.0286 fts	-
DZ			0.3017	-0.6967	0.0300 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0164 fts	-	-
DY			-0.3120	0.0377 fts	-
DZ			0.4691	-0.6945	0.0407 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0216 fts	-	-
DY			-0.4697	0.0378 fts	-
DZ			0.2587	-0.6195	0.0300 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0247 fts	-	-
DY			-0.3567	0.0497 fts	-
DZ			0.2946	-0.6762	0.0486 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0136 fts	-	-
DY			-0.3008	0.0329 fts	-
DZ			0.4630	-0.7006	0.0341 fts

Adjustment Results

Coordinates

Station		Coordinate	Corr	Sd	
ANDES	Latitude	42° 11' 06.75397" N	0.0000 fts	-	fixed
	Longitude	74° 48' 02.96043" W	0.0000 fts	-	fixed
	Height	1718.0196 fts	0.0000 fts	-	fixed
ASH AZ 11 NEW	Latitude	42° 06' 53.22694" N	-0.0012 fts	0.0105 fts	
	Longitude	74° 21' 49.77691" W	-0.0047 fts	0.0094 fts	
	Height	881.2634 fts	-0.0029 fts	0.0236 fts	
ASH AZ 6 NEW	Latitude	42° 07' 48.54851" N	0.0138 fts	0.0245 fts	
	Longitude	74° 28' 33.44014" W	0.0033 fts	0.0249 fts	
	Height	1348.9490 fts	-0.0309 fts	0.0519 fts	
ASH AZ-1	Latitude	42° 02' 42.93017" N	-0.0001 fts	0.0103 fts	
	Longitude	74° 26' 46.66195" W	-0.0011 fts	0.0108 fts	
	Height	1474.6090 fts	0.0122 fts	0.0291 fts	
ASH AZ-10	Latitude	42° 09' 08.37263" N	0.0023 fts	0.0214 fts	
	Longitude	74° 24' 48.00759" W	-0.0023 fts	0.0180 fts	
	Height	1325.6904 fts	-0.0050 fts	0.0493 fts	
ASH AZ-11 OLD	Latitude	42° 06' 54.35864" N	-0.0118 fts	0.0063 fts	
	Longitude	74° 21' 58.11304" W	0.0021 fts	0.0049 fts	
	Height	882.3764 fts	-0.0034 fts	0.0153 fts	
ASH AZ-12 NEW	Latitude	42° 06' 48.75645" N	0.0395 fts	0.0150 fts	
	Longitude	74° 21' 37.52798" W	-0.0089 fts	0.0117 fts	
	Height	873.1761 fts	0.0132 fts	0.0317 fts	
ASH AZ-12 OLD	Latitude	42° 06' 53.27026" N	0.0146 fts	0.0089 fts	
	Longitude	74° 21' 49.12304" W	-0.0033 fts	0.0073 fts	
	Height	878.2394 fts	0.0243 fts	0.0246 fts	
ASH AZ-13	Latitude	42° 07' 48.46582" N	-0.0023 fts	0.0090 fts	
	Longitude	74° 15' 36.86868" W	-0.0021 fts	0.0069 fts	
	Height	1243.3804 fts	0.0073 fts	0.0179 fts	
ASH AZ-14	Latitude	42° 07' 45.42032" N	0.0035 fts	0.0108 fts	
	Longitude	74° 15' 47.54516" W	-0.0028 fts	0.0083 fts	
	Height	1219.1342 fts	-0.0151 fts	0.0230 fts	
ASH AZ-15	Latitude	42° 06' 03.83021" N	-0.0014 fts	0.0072 fts	
	Longitude	74° 18' 04.46185" W	-0.0015 fts	0.0067 fts	
	Height	933.9347 fts	-0.0086 fts	0.0150 fts	
ASH AZ-16	Latitude	42° 06' 05.29423" N	0.0468 fts	0.0067 fts	
	Longitude	74° 17' 56.85967" W	-0.0119 fts	0.0062 fts	
	Height	952.1621 fts	-0.0109 fts	0.0141 fts	
ASH AZ-17	Latitude	42° 04' 58.27751" N	0.0011 fts	0.0115 fts	
	Longitude	74° 18' 56.95929" W	-0.0012 fts	0.0081 fts	
	Height	721.5392 fts	0.0033 fts	0.0251 fts	
ASH AZ-18	Latitude	42° 04' 52.88688" N	0.0021 fts	0.0104 fts	
	Longitude	74° 19' 02.27572" W	-0.0025 fts	0.0073 fts	
	Height	728.0978 fts	-0.0010 fts	0.0228 fts	
ASH AZ-19	Latitude	42° 04' 03.86845" N	-0.0011 fts	0.0069 fts	
	Longitude	74° 18' 27.66968" W	0.0023 fts	0.0046 fts	
	Height	662.1913 fts	-0.0049 fts	0.0137 fts	
ASH AZ-2	Latitude	42° 02' 48.29656" N	0.0026 fts	0.0120 fts	
	Longitude	74° 26' 51.19290" W	0.0018 fts	0.0123 fts	
	Height	1456.9090 fts	-0.0305 fts	0.0348 fts	
ASH AZ-20	Latitude	42° 03' 58.58409" N	-0.0056 fts	0.0070 fts	
	Longitude	74° 18' 29.33183" W	0.0018 fts	0.0047 fts	
	Height	659.8309 fts	-0.0126 fts	0.0139 fts	
ASH AZ-21 OLD					

	Latitude	42° 04' 26.83926" N	0.0027 fts	0.0071 fts
	Longitude	74° 13' 23.59337" W	0.0059 fts	0.0046 fts
	Height	956.2357 fts	0.0030 fts	0.0134 fts
ASH AZ-22 OLD	Latitude	42° 04' 19.43066" N	-0.0048 fts	0.0063 fts
	Longitude	74° 13' 29.22550" W	0.0028 fts	0.0040 fts
	Height	941.4819 fts	-0.0002 fts	0.0118 fts
ASH AZ-23	Latitude	42° 04' 01.80367" N	-0.0007 fts	0.0143 fts
	Longitude	74° 11' 07.04371" W	-0.0027 fts	0.0094 fts
	Height	1011.8185 fts	-0.0064 fts	0.0266 fts
ASH AZ-24	Latitude	42° 04' 04.69567" N	0.0013 fts	0.0150 fts
	Longitude	74° 11' 19.50934" W	-0.0019 fts	0.0101 fts
	Height	1024.3414 fts	-0.0001 fts	0.0283 fts
ASH AZ-25 NEW	Latitude	42° 01' 59.09582" N	-0.0003 fts	0.0068 fts
	Longitude	74° 16' 30.82908" W	-0.0007 fts	0.0050 fts
	Height	583.6228 fts	-0.0107 fts	0.0119 fts
ASH AZ-25 OLD	Latitude	42° 01' 59.25937" N	0.0049 fts	0.0050 fts
	Longitude	74° 16' 30.75782" W	-0.0095 fts	0.0030 fts
	Height	584.2816 fts	0.0050 fts	0.0074 fts
ASH AZ-26 NEW	Latitude	42° 02' 21.24704" N	-0.0001 fts	0.0072 fts
	Longitude	74° 16' 42.99646" W	-0.0005 fts	0.0052 fts
	Height	588.1055 fts	-0.0120 fts	0.0130 fts
ASH AZ-26 OLD	Latitude	42° 02' 04.07672" N	0.0029 fts	0.0051 fts
	Longitude	74° 16' 33.26684" W	-0.0059 fts	0.0031 fts
	Height	586.0832 fts	-0.0082 fts	0.0075 fts
ASH AZ-27	Latitude	42° 00' 19.63107" N	0.0024 fts	0.0051 fts
	Longitude	74° 15' 59.12987" W	-0.0034 fts	0.0031 fts
	Height	522.7318 fts	0.0007 fts	0.0081 fts
ASH AZ-28	Latitude	42° 00' 27.99227" N	-0.0008 fts	0.0051 fts
	Longitude	74° 16' 01.36252" W	-0.0006 fts	0.0031 fts
	Height	540.5357 fts	-0.0055 fts	0.0079 fts
ASH AZ-29 NEW	Latitude	41° 58' 00.64896" N	0.0916 fts	0.0202 fts
	Longitude	74° 17' 12.08034" W	-0.0113 fts	0.0159 fts
	Height	573.1342 fts	0.3277 fts	0.0584 fts
ASH AZ-29 OLD	Latitude	41° 58' 17.31020" N	0.0027 fts	0.0080 fts
	Longitude	74° 16' 38.04472" W	0.0000 fts	0.0051 fts
	Height	519.2658 fts	-0.0064 fts	0.0155 fts
ASH AZ-3	Latitude	42° 06' 12.18349" N	0.0036 fts	0.0114 fts
	Longitude	74° 26' 42.14439" W	-0.0020 fts	0.0092 fts
	Height	1117.0062 fts	-0.0236 fts	0.0222 fts
ASH AZ-30 NEW	Latitude	41° 58' 02.08942" N	0.0915 fts	0.0265 fts
	Longitude	74° 17' 13.79704" W	-0.0109 fts	0.0209 fts
	Height	573.5425 fts	0.3290 fts	0.0734 fts
ASH AZ-30 OLD	Latitude	41° 58' 09.94749" N	0.0041 fts	0.0087 fts
	Longitude	74° 16' 37.59761" W	-0.0023 fts	0.0058 fts
	Height	516.7691 fts	-0.0058 fts	0.0191 fts
ASH AZ-4	Latitude	42° 06' 10.30190" N	0.0032 fts	0.0142 fts
	Longitude	74° 26' 35.49352" W	-0.0013 fts	0.0116 fts
	Height	1113.4994 fts	-0.0163 fts	0.0281 fts
ASH AZ-5 NEW	Latitude	42° 07' 46.11083" N	0.0108 fts	0.0146 fts
	Longitude	74° 28' 27.10330" W	-0.0020 fts	0.0133 fts
	Height	1384.5927 fts	-0.0241 fts	0.0335 fts
ASH AZ-5 OLD	Latitude	42° 08' 02.95348" N	0.0126 fts	0.0071 fts
	Longitude	74° 28' 39.52528" W	0.0013 fts	0.0052 fts
	Height	1394.6880 fts	-0.0367 fts	0.0185 fts
ASH AZ-6 OLD				

	Latitude	42° 07' 58.73601" N	0.0042 fts	0.0088 fts	
	Longitude	74° 28' 35.32797" W	0.0026 fts	0.0062 fts	
	Height	1387.6024 fts	-0.0126 fts	0.0239 fts	
ASH AZ-7	Latitude	42° 07' 23.23727" N	0.0545 fts	0.0083 fts	
	Longitude	74° 24' 00.31491" W	-0.0032 fts	0.0063 fts	
	Height	989.4181 fts	-0.0199 fts	0.0199 fts	
ASH AZ-8	Latitude	42° 07' 16.18302" N	0.0234 fts	0.0077 fts	
	Longitude	74° 23' 54.50075" W	-0.0011 fts	0.0056 fts	
	Height	969.1144 fts	-0.0120 fts	0.0179 fts	
ASH AZ-9	Latitude	42° 09' 01.60398" N	0.0330 fts	0.0266 fts	
	Longitude	74° 24' 46.24315" W	-0.0172 fts	0.0232 fts	
	Height	1297.6867 fts	-0.1014 fts	0.0621 fts	
BOICEVILLE	Latitude	42° 00' 19.49179" N	0.0000 fts	-	fixed
	Longitude	74° 15' 59.29628" W	0.0000 fts	-	fixed
	Height	523.3431 fts	0.0000 fts	-	fixed
CLARYVILLE	Latitude	41° 54' 58.11796" N	0.0000 fts	-	fixed
	Longitude	74° 34' 22.10447" W	0.0000 fts	-	fixed
	Height	1518.2482 fts	0.0000 fts	-	fixed
D309 RESET 1995	Latitude	42° 16' 23.48354" N	0.0014 fts	0.0133 fts	
	Longitude	74° 55' 19.12172" W	0.0016 fts	0.0106 fts	
	Height	1281.0751 fts	0.0889 fts	0.0277 fts	
DELHI	Latitude	42° 16' 19.29117" N	0.0000 fts	-	fixed
	Longitude	74° 55' 36.38546" W	0.0000 fts	-	fixed
	Height	1456.8482 fts	0.0835 fts	0.0105 fts	
EBDR AZ 7 NEW	Latitude	42° 08' 54.22973" N	-0.0005 fts	0.0194 fts	
	Longitude	74° 41' 41.86221" W	-0.0023 fts	0.0156 fts	
	Height	1280.0237 fts	0.0135 fts	0.0376 fts	
EBDR AZ-1	Latitude	42° 09' 45.13839" N	-0.0047 fts	0.0043 fts	
	Longitude	74° 47' 49.36549" W	-0.0003 fts	0.0035 fts	
	Height	1421.2461 fts	-0.0207 fts	0.0080 fts	
EBDR AZ-10	Latitude	42° 08' 53.71124" N	-0.0001 fts	0.0048 fts	
	Longitude	74° 38' 45.80496" W	-0.0003 fts	0.0029 fts	
	Height	1218.8498 fts	-0.0002 fts	0.0077 fts	
EBDR AZ-11	Latitude	42° 08' 48.46451" N	0.0002 fts	0.0076 fts	
	Longitude	74° 37' 24.72448" W	-0.0001 fts	0.0051 fts	
	Height	1255.6814 fts	-0.0002 fts	0.0176 fts	
EBDR AZ-12	Latitude	42° 08' 48.91474" N	0.0007 fts	0.0095 fts	
	Longitude	74° 37' 34.16993" W	-0.0005 fts	0.0064 fts	
	Height	1272.1566 fts	-0.0002 fts	0.0226 fts	
EBDR AZ-13 NEW	Latitude	42° 09' 41.08660" N	0.0081 fts	0.0093 fts	
	Longitude	74° 37' 20.11449" W	-0.0065 fts	0.0078 fts	
	Height	1247.7950 fts	-0.0160 fts	0.0214 fts	
EBDR AZ-13 OLD	Latitude	42° 09' 20.08574" N	0.0023 fts	0.0043 fts	
	Longitude	74° 37' 12.14317" W	-0.0020 fts	0.0043 fts	
	Height	1268.5974 fts	0.0017 fts	0.0097 fts	
EBDR AZ-14 NEW	Latitude	42° 09' 41.11052" N	0.0019 fts	0.0074 fts	
	Longitude	74° 37' 13.33061" W	0.0041 fts	0.0066 fts	
	Height	1246.5636 fts	-0.0115 fts	0.0168 fts	
EBDR AZ-14 OLD	Latitude	42° 09' 12.09157" N	0.0035 fts	0.0044 fts	
	Longitude	74° 37' 11.94675" W	-0.0035 fts	0.0043 fts	
	Height	1262.8065 fts	-0.0045 fts	0.0099 fts	
EBDR AZ-15	Latitude	42° 11' 05.73234" N	-0.0054 fts	0.0052 fts	
	Longitude	74° 35' 54.92847" W	0.0034 fts	0.0043 fts	

	Height	1285.9947 fts	0.0110 fts	0.0099 fts
EBDR AZ-16 NEW	Latitude	42° 11' 14.74977" N	-0.0053 fts	0.0080 fts
	Longitude	74° 35' 54.58442" W	0.0029 fts	0.0066 fts
	Height	1289.7329 fts	0.0109 fts	0.0174 fts
EBDR AZ-16 OLD	Latitude	42° 11' 14.65733" N	-0.0041 fts	0.0066 fts
	Longitude	74° 35' 54.55690" W	0.0037 fts	0.0055 fts
	Height	1289.4542 fts	0.0034 fts	0.0121 fts
EBDR AZ-17	Latitude	42° 12' 32.32838" N	0.0080 fts	0.0065 fts
	Longitude	74° 35' 53.23780" W	0.0135 fts	0.0093 fts
	Height	1409.8599 fts	0.1306 fts	0.0113 fts
EBDR AZ-18	Latitude	42° 12' 34.54669" N	-0.0012 fts	0.0060 fts
	Longitude	74° 35' 45.11241" W	-0.0051 fts	0.0055 fts
	Height	1425.1026 fts	-0.0297 fts	0.0107 fts
EBDR AZ-19	Latitude	42° 12' 42.60156" N	-0.0021 fts	0.0077 fts
	Longitude	74° 34' 00.64005" W	0.0010 fts	0.0049 fts
	Height	1588.4851 fts	-0.0038 fts	0.0143 fts
EBDR AZ-2	Latitude	42° 09' 48.88056" N	0.0013 fts	0.0048 fts
	Longitude	74° 47' 44.55512" W	0.0012 fts	0.0039 fts
	Height	1465.1257 fts	0.0302 fts	0.0087 fts
EBDR AZ-20	Latitude	42° 12' 41.58787" N	-0.0059 fts	0.0086 fts
	Longitude	74° 34' 11.08565" W	-0.0012 fts	0.0051 fts
	Height	1528.8214 fts	-0.0065 fts	0.0158 fts
EBDR AZ-21	Latitude	42° 17' 19.61802" N	0.0065 fts	0.0091 fts
	Longitude	74° 33' 53.01719" W	0.0012 fts	0.0079 fts
	Height	1376.7311 fts	0.0208 fts	0.0205 fts
EBDR AZ-22	Latitude	42° 17' 25.81011" N	0.0070 fts	0.0086 fts
	Longitude	74° 33' 49.12742" W	0.0050 fts	0.0073 fts
	Height	1379.3760 fts	0.0509 fts	0.0198 fts
EBDR AZ-23	Latitude	42° 07' 51.52716" N	-0.0031 fts	0.0063 fts
	Longitude	74° 34' 43.54569" W	-0.0010 fts	0.0050 fts
	Height	1403.2857 fts	-0.0012 fts	0.0121 fts
EBDR AZ-24	Latitude	42° 07' 47.82704" N	-0.0012 fts	0.0058 fts
	Longitude	74° 34' 34.36433" W	-0.0004 fts	0.0047 fts
	Height	1420.0977 fts	-0.0007 fts	0.0113 fts
EBDR AZ-25 NEW	Latitude	42° 09' 33.90496" N	-0.0017 fts	0.0117 fts
	Longitude	74° 33' 19.80872" W	0.0004 fts	0.0077 fts
	Height	1358.5753 fts	0.0035 fts	0.0211 fts
EBDR AZ-25 OLD	Latitude	42° 09' 33.43187" N	-0.0095 fts	0.0099 fts
	Longitude	74° 33' 18.53074" W	-0.0064 fts	0.0061 fts
	Height	1357.6843 fts	-0.0135 fts	0.0157 fts
EBDR AZ-26	Latitude	42° 09' 35.60266" N	-0.0028 fts	0.0068 fts
	Longitude	74° 33' 25.50411" W	-0.0005 fts	0.0041 fts
	Height	1355.8090 fts	0.0053 fts	0.0109 fts
EBDR AZ-27	Latitude	42° 09' 19.89722" N	0.0000 fts	0.0068 fts
	Longitude	74° 32' 07.92730" W	0.0000 fts	0.0054 fts
	Height	1391.2412 fts	-0.0011 fts	0.0178 fts
EBDR AZ-28	Latitude	42° 09' 20.02651" N	0.0003 fts	0.0064 fts
	Longitude	74° 32' 00.79075" W	-0.0002 fts	0.0052 fts
	Height	1398.6632 fts	-0.0040 fts	0.0171 fts
EBDR AZ-3	Latitude	42° 11' 08.82876" N	0.0122 fts	0.0100 fts
	Longitude	74° 47' 16.15059" W	0.0024 fts	0.0086 fts
	Height	1488.7100 fts	0.1727 fts	0.0191 fts
EBDR AZ-4	Latitude	42° 11' 17.57950" N	0.0037 fts	0.0087 fts
	Longitude	74° 47' 13.39455" W	0.0018 fts	0.0075 fts

EBDR AZ-5	Height	1495.6803 fts	0.0212 fts	0.0172 fts	
	Latitude	42° 07' 38.27410" N	0.0000 fts	0.0063 fts	
	Longitude	74° 41' 26.70234" W	-0.0038 fts	0.0040 fts	
EBDR AZ-6	Height	1223.5252 fts	-0.0217 fts	0.0115 fts	
	Latitude	42° 07' 41.33597" N	0.0023 fts	0.0064 fts	
	Longitude	74° 41' 33.98311" W	-0.0007 fts	0.0041 fts	
EBDR AZ-7 OLD	Height	1227.1475 fts	0.0081 fts	0.0117 fts	
	Latitude	42° 08' 53.54143" N	-0.0030 fts	0.0081 fts	
	Longitude	74° 41' 42.63297" W	-0.0017 fts	0.0076 fts	
EBDR AZ-8	Height	1278.2269 fts	0.0044 fts	0.0167 fts	
	Latitude	42° 08' 58.13197" N	0.0007 fts	0.0063 fts	
	Longitude	74° 41' 37.59448" W	-0.0069 fts	0.0059 fts	
EBDR AZ-9	Height	1293.3144 fts	-0.0076 fts	0.0130 fts	
	Latitude	42° 08' 57.37483" N	-0.0006 fts	0.0048 fts	
	Longitude	74° 38' 40.40473" W	0.0002 fts	0.0029 fts	
FLEISCHMANN'S 2	Height	1228.9587 fts	0.0010 fts	0.0077 fts	
	Latitude	42° 09' 25.63489" N	0.0000 fts	-	fixed
	Longitude	74° 32' 44.49258" W	0.0000 fts	-	fixed
MARGARETVILLE	Height	1412.8142 fts	0.0000 fts	-	fixed
	Latitude	42° 08' 55.47282" N	0.0000 fts	-	fixed
	Longitude	74° 38' 42.75589" W	0.0000 fts	-	fixed
NEV AZ-1	Height	1220.2711 fts	0.0000 fts	-	fixed
	Latitude	41° 55' 12.86217" N	-0.0340 fts	0.0128 fts	
	Longitude	74° 34' 26.56389" W	-0.0125 fts	0.0079 fts	
NEV AZ-2	Height	1540.0083 fts	-0.0482 fts	0.0233 fts	
	Latitude	41° 55' 06.42629" N	-0.0127 fts	0.0128 fts	
	Longitude	74° 34' 19.61526" W	-0.0059 fts	0.0094 fts	
NEV AZ-3	Height	1527.0638 fts	-0.0068 fts	0.0239 fts	
	Latitude	41° 55' 34.07981" N	0.0043 fts	0.0078 fts	
	Longitude	74° 33' 12.17562" W	-0.0021 fts	0.0054 fts	
NEV AZ-4	Height	1596.4411 fts	-0.0151 fts	0.0207 fts	
	Latitude	41° 55' 32.20708" N	0.0022 fts	0.0073 fts	
	Longitude	74° 33' 21.29618" W	-0.0016 fts	0.0050 fts	
NYCS	Height	1588.6977 fts	-0.0096 fts	0.0186 fts	
	Latitude	42° 40' 02.83667" N	0.0000 fts	-	fixed
	Longitude	74° 29' 10.94851" W	0.0000 fts	-	fixed
NYHC	Height	888.1315 fts	0.0788 fts	0.0123 fts	
	Latitude	41° 57' 29.98185" N	0.0000 fts	-	fixed
	Longitude	75° 17' 33.87629" W	0.0000 fts	-	fixed
NYHS	Height	855.4529 fts	0.0854 fts	0.0094 fts	
	Latitude	42° 15' 08.35963" N	0.0000 fts	-	fixed
	Longitude	73° 45' 27.16055" W	0.0000 fts	-	fixed
NYKT	Height	72.2509 fts	-0.1571 fts	0.0153 fts	
	Latitude	41° 56' 12.97178" N	0.0000 fts	-	fixed
	Longitude	74° 01' 52.21841" W	0.0000 fts	-	fixed
NYON	Height	99.5897 fts	0.0000 fts	-	fixed
	Latitude	42° 26' 24.81517" N	0.0000 fts	-	fixed
	Longitude	75° 06' 42.50851" W	0.0000 fts	-	fixed
NYS DOT 8-U-047	Height	1007.5610 fts	0.1156 fts	0.0064 fts	
	Latitude	42° 04' 26.89240" N	0.0025 fts	0.0107 fts	
	Longitude	74° 13' 23.49798" W	0.0032 fts	0.0079 fts	
PHOENICIA	Height	956.8726 fts	-0.0031 fts	0.0234 fts	
	Latitude	42° 04' 52.66987" N	0.0000 fts	-	fixed

	Longitude	74° 19' 03.41509" W	0.0000 fts	-	fixed
	Height	737.0649 fts	0.0000 fts	-	fixed
ROND AZ-1	Latitude	41° 53' 19.47285" N	0.0003 fts	0.0061 fts	
	Longitude	74° 27' 51.35464" W	-0.0013 fts	0.0049 fts	
	Height	891.9284 fts	0.0044 fts	0.0138 fts	
ROND AZ-2	Latitude	41° 53' 17.00075" N	0.0004 fts	0.0062 fts	
	Longitude	74° 27' 44.26725" W	-0.0020 fts	0.0049 fts	
	Height	912.9211 fts	0.0111 fts	0.0138 fts	
ROND AZ-3	Latitude	41° 51' 32.44369" N	-0.0006 fts	0.0073 fts	
	Longitude	74° 34' 46.77247" W	-0.0011 fts	0.0059 fts	
	Height	1055.2077 fts	-0.0073 fts	0.0155 fts	
ROND AZ-4	Latitude	41° 51' 33.08909" N	-0.0014 fts	0.0074 fts	
	Longitude	74° 34' 36.96791" W	0.0003 fts	0.0061 fts	
	Height	1040.2035 fts	-0.0011 fts	0.0160 fts	
ROND AZ-5	Latitude	41° 50' 45.78857" N	0.0005 fts	0.0059 fts	
	Longitude	74° 32' 39.46349" W	0.0004 fts	0.0040 fts	
	Height	811.5189 fts	-0.0026 fts	0.0146 fts	
ROND AZ-6	Latitude	41° 50' 38.91136" N	0.0037 fts	0.0057 fts	
	Longitude	74° 32' 40.77153" W	-0.0010 fts	0.0040 fts	
	Height	821.5497 fts	-0.0072 fts	0.0139 fts	
ROND AZ-7	Latitude	41° 51' 31.69259" N	0.0073 fts	0.0058 fts	
	Longitude	74° 30' 41.58096" W	0.0012 fts	0.0048 fts	
	Height	763.8137 fts	0.0128 fts	0.0116 fts	
ROND AZ-8	Latitude	41° 51' 38.14096" N	0.0008 fts	0.0060 fts	
	Longitude	74° 30' 35.04350" W	-0.0002 fts	0.0049 fts	
	Height	755.9018 fts	0.0031 fts	0.0117 fts	
SHANDAKEN	Latitude	42° 06' 58.89216" N	0.0000 fts	-	fixed
	Longitude	74° 22' 14.64413" W	0.0000 fts	-	fixed
	Height	895.4744 fts	0.0000 fts	-	fixed
SOUTH KORTRIGHT	Latitude	42° 20' 32.04395" N	0.0000 fts	-	fixed
	Longitude	74° 43' 05.30688" W	0.0000 fts	-	fixed
	Height	1421.3608 fts	0.0000 fts	-	fixed
SUNDOWN	Latitude	41° 51' 11.56247" N	0.0000 fts	-	fixed
	Longitude	74° 30' 48.43620" W	0.0000 fts	-	fixed
	Height	757.4956 fts	0.0000 fts	-	fixed
U279 RESET 1973	Latitude	42° 04' 16.10981" N	0.0038 fts	0.0133 fts	
	Longitude	74° 13' 30.47588" W	-0.0054 fts	0.0102 fts	
	Height	947.4447 fts	-0.0427 fts	0.0295 fts	
WALTON	Latitude	42° 10' 02.90523" N	0.0000 fts	-	fixed
	Longitude	75° 07' 59.75080" W	0.0000 fts	-	fixed
	Height	1108.4625 fts	0.0000 fts	-	fixed
WBDR AZ-1	Latitude	42° 09' 19.07343" N	0.0003 fts	0.0053 fts	
	Longitude	75° 09' 49.29915" W	0.0003 fts	0.0053 fts	
	Height	1111.2410 fts	0.0292 fts	0.0133 fts	
WBDR AZ-10	Latitude	42° 10' 47.31729" N	0.0020 fts	0.0139 fts	
	Longitude	75° 06' 39.78750" W	-0.0001 fts	0.0093 fts	
	Height	1176.5546 fts	0.0162 fts	0.0344 fts	
WBDR AZ-11	Latitude	42° 15' 25.48824" N	0.0043 fts	0.0116 fts	
	Longitude	75° 03' 01.60084" W	-0.0028 fts	0.0094 fts	
	Height	1530.9478 fts	0.0483 fts	0.0285 fts	
WBDR AZ-12	Latitude	42° 15' 38.81566" N	-0.0014 fts	0.0083 fts	
	Longitude	75° 03' 07.01640" W	0.0003 fts	0.0068 fts	

	Height	1553.5805 fts	0.0644 fts	0.0202 fts
WBDR AZ-13	Latitude	42° 11' 21.43870" N	-0.0034 fts	0.0053 fts
	Longitude	74° 59' 50.63823" W	-0.0008 fts	0.0047 fts
	Height	1185.5309 fts	0.0756 fts	0.0110 fts
WBDR AZ-14	Latitude	42° 11' 14.40055" N	-0.0112 fts	0.0051 fts
	Longitude	74° 59' 45.30033" W	-0.0009 fts	0.0045 fts
	Height	1167.1621 fts	0.1175 fts	0.0105 fts
WBDR AZ-15	Latitude	42° 12' 29.05461" N	-0.0002 fts	0.0047 fts
	Longitude	74° 58' 33.06012" W	0.0001 fts	0.0037 fts
	Height	1192.1800 fts	0.0651 fts	0.0101 fts
WBDR AZ-16 NEW	Latitude	42° 12' 32.73642" N	0.0325 fts	0.0135 fts
	Longitude	74° 58' 50.01506" W	-0.0346 fts	0.0121 fts
	Height	1208.7337 fts	0.0837 fts	0.0307 fts
WBDR AZ-16 OLD	Latitude	42° 12' 34.53430" N	0.0031 fts	0.0050 fts
	Longitude	74° 58' 38.33692" W	-0.0053 fts	0.0039 fts
	Height	1185.8713 fts	0.0702 fts	0.0107 fts
WBDR AZ-17	Latitude	42° 15' 38.98850" N	0.0016 fts	0.0075 fts
	Longitude	74° 47' 22.24794" W	0.0008 fts	0.0072 fts
	Height	1557.9614 fts	0.0354 fts	0.0163 fts
WBDR AZ-18	Latitude	42° 15' 34.37139" N	-0.0028 fts	0.0072 fts
	Longitude	74° 47' 28.96616" W	-0.0011 fts	0.0068 fts
	Height	1538.8968 fts	0.0531 fts	0.0155 fts
WBDR AZ-19 OLD	Latitude	42° 16' 24.02302" N	0.0000 fts	0.0073 fts
	Longitude	74° 55' 19.13733" W	0.0063 fts	0.0049 fts
	Height	1278.8876 fts	0.0929 fts	0.0185 fts
WBDR AZ-2	Latitude	42° 09' 22.82296" N	0.0008 fts	0.0049 fts
	Longitude	75° 09' 36.42190" W	0.0009 fts	0.0049 fts
	Height	1095.6239 fts	0.0319 fts	0.0120 fts
WBDR AZ-20	Latitude	42° 16' 13.33418" N	-0.0013 fts	0.0072 fts
	Longitude	74° 55' 16.79147" W	0.0041 fts	0.0049 fts
	Height	1260.6962 fts	0.0979 fts	0.0183 fts
WBDR AZ-21	Latitude	42° 16' 46.10842" N	-0.0005 fts	0.0039 fts
	Longitude	74° 54' 38.92609" W	0.0004 fts	0.0032 fts
	Height	1264.7368 fts	0.0844 fts	0.0127 fts
WBDR AZ-22	Latitude	42° 16' 41.83283" N	-0.0002 fts	0.0043 fts
	Longitude	74° 54' 43.99886" W	0.0001 fts	0.0035 fts
	Height	1266.8214 fts	0.0838 fts	0.0134 fts
WBDR AZ-23	Latitude	42° 19' 02.50297" N	0.0032 fts	0.0051 fts
	Longitude	74° 49' 34.96291" W	0.0024 fts	0.0040 fts
	Height	1311.4350 fts	0.0641 fts	0.0122 fts
WBDR AZ-24	Latitude	42° 19' 05.48077" N	0.0005 fts	0.0052 fts
	Longitude	74° 49' 22.25431" W	0.0109 fts	0.0042 fts
	Height	1330.4420 fts	0.0774 fts	0.0132 fts
WBDR AZ-25	Latitude	42° 20' 39.72591" N	-0.0017 fts	0.0066 fts
	Longitude	74° 43' 20.56306" W	0.0000 fts	0.0052 fts
	Height	1414.8524 fts	0.0261 fts	0.0151 fts
WBDR AZ-26	Latitude	42° 20' 38.10169" N	-0.0043 fts	0.0064 fts
	Longitude	74° 43' 11.28764" W	0.0036 fts	0.0059 fts
	Height	1414.5164 fts	0.0368 fts	0.0170 fts
WBDR AZ-27	Latitude	42° 22' 14.76515" N	0.0255 fts	0.0084 fts
	Longitude	74° 40' 19.57675" W	0.0233 fts	0.0066 fts
	Height	1522.6780 fts	0.0973 fts	0.0164 fts
WBDR AZ-28	Latitude	42° 22' 16.89517" N	0.0055 fts	0.0065 fts

	Longitude	74° 40' 11.55306" W	-0.0115 fts	0.0052 fts
	Height	1532.5335 fts	-0.0370 fts	0.0130 fts
WBDR AZ-29	Latitude	42° 24' 08.04986" N	0.0019 fts	0.0066 fts
	Longitude	74° 37' 38.76816" W	-0.0100 fts	0.0042 fts
	Height	1641.5155 fts	0.0442 fts	0.0107 fts
WBDR AZ-3	Latitude	42° 10' 10.13320" N	-0.0001 fts	0.0060 fts
	Longitude	75° 08' 03.72122" W	-0.0001 fts	0.0049 fts
	Height	1112.3217 fts	0.0283 fts	0.0149 fts
WBDR AZ-30	Latitude	42° 24' 13.72413" N	0.0046 fts	0.0067 fts
	Longitude	74° 37' 42.38237" W	0.0091 fts	0.0042 fts
	Height	1672.9877 fts	0.0306 fts	0.0108 fts
WBDR AZ-4	Latitude	42° 10' 14.90333" N	-0.0002 fts	0.0050 fts
	Longitude	75° 07' 59.96095" W	-0.0003 fts	0.0041 fts
	Height	1109.6966 fts	0.0326 fts	0.0126 fts
WBDR AZ-5	Latitude	42° 11' 37.14797" N	-0.0015 fts	0.0086 fts
	Longitude	75° 09' 18.23295" W	-0.0002 fts	0.0092 fts
	Height	1433.1586 fts	0.0260 fts	0.0187 fts
WBDR AZ-6	Latitude	42° 11' 45.13288" N	-0.0340 fts	0.0076 fts
	Longitude	75° 09' 25.65756" W	0.0077 fts	0.0076 fts
	Height	1407.4318 fts	0.1064 fts	0.0157 fts
WBDR AZ-7	Latitude	42° 12' 12.51592" N	-0.0003 fts	0.0071 fts
	Longitude	75° 07' 10.84220" W	0.0003 fts	0.0060 fts
	Height	1219.5385 fts	0.0328 fts	0.0131 fts
WBDR AZ-8	Latitude	42° 12' 22.12968" N	-0.0004 fts	0.0066 fts
	Longitude	75° 07' 06.34928" W	0.0004 fts	0.0055 fts
	Height	1243.7507 fts	0.0317 fts	0.0122 fts
WBDR AZ-9	Latitude	42° 10' 44.48477" N	0.0063 fts	0.0081 fts
	Longitude	75° 06' 45.44648" W	-0.0045 fts	0.0054 fts
	Height	1177.9615 fts	0.0032 fts	0.0192 fts

Observations and Residuals

	Station	Target	Adj obs	Resid	Resid (ENH)	Sd
		U279				
DX	NYSDOT 8-U-047	RESET	-309.5205 fts	-0.0107 fts	-0.0044 fts	0.0146 fts
		1973				
DY			-840.2114 fts	0.0218 fts	-0.0010 fts	0.0273 fts
DZ			-816.5630 fts	-0.0229 fts	-0.0330 fts	0.0196 fts
DX	SHANDAKEN	ASH AZ-12 NEW	2875.0171 fts	0.0150 fts	0.0173 fts	0.0133 fts
DY			107.2227 fts	0.0105 fts	-0.0015 fts	0.0243 fts
DZ			-776.0857 fts	-0.0075 fts	-0.0095 fts	0.0247 fts
DX	SHANDAKEN	ASH AZ-11 OLD	1280.2086 fts	-0.0071 fts	-0.0044 fts	0.0063 fts
DY			48.6884 fts	0.0090 fts	0.0235 fts	0.0120 fts
DZ			-349.2212 fts	0.0220 fts	0.0069 fts	0.0128 fts
DX	ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1350 fts	-0.0176 fts	-0.0125 fts	0.0061 fts
DY			-588.5685 fts	0.0160 fts	0.0020 fts	0.0119 fts
DZ			-566.5923 fts	-0.0155 fts	-0.0254 fts	0.0086 fts
DX	EBDR AZ-25 OLD	EBDR AZ-26	-545.9280 fts	0.0327 fts	0.0352 fts	0.0068 fts
DY			3.6473 fts	0.0140 fts	0.0171 fts	0.0133 fts
DZ			161.6439 fts	0.0188 fts	0.0091 fts	0.0131 fts

DX	ASH AZ-28	ASH AZ-21 OLD	7145.4522 fts	0.0106 fts	0.0186 fts	0.0065 fts
DY			18518.5500 fts	0.0309 fts	-0.0098 fts	0.0129 fts
DZ			18234.9530 fts	-0.0374 fts	-0.0450 fts	0.0106 fts
DX	ASH AZ-29 OLD	ASH AZ-30 OLD	167.0736 fts	0.0094 fts	0.0025 fts	0.0059 fts
DY			-468.8352 fts	-0.0244 fts	-0.0119 fts	0.0167 fts
DZ			-555.8011 fts	0.0074 fts	0.0243 fts	0.0115 fts
DX	ASH AZ-29 OLD	ASH AZ-29 NEW	-2158.6424 fts	0.0095 fts	0.0043 fts	0.0183 fts
DY			-1820.7898 fts	-0.0180 fts	-0.0056 fts	0.0480 fts
DZ			-1217.9590 fts	0.0103 fts	0.0217 fts	0.0348 fts
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	7417.2986 fts	-0.0017 fts	0.0000 fts	0.0077 fts
DY			27772.8689 fts	0.0063 fts	0.0002 fts	0.0177 fts
DZ			28081.6330 fts	-0.0056 fts	-0.0086 fts	0.0128 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	356.1553 fts	-0.0679 fts	-0.0562 fts	0.0076 fts
DY			-643.9349 fts	0.0360 fts	0.0109 fts	0.0138 fts
DZ			-812.9515 fts	-0.0330 fts	-0.0610 fts	0.0089 fts
DX	EBDR AZ-19	EBDR AZ-6	-27563.8201 fts	-0.0036 fts	-0.0069 fts	0.0064 fts
DY			-28533.4883 fts	-0.0128 fts	0.0025 fts	0.0156 fts
DZ			-22846.9681 fts	0.0136 fts	0.0176 fts	0.0112 fts
DX	EBDR AZ-7 OLD	EBDR AZ-8	286.7391 fts	-0.0041 fts	-0.0084 fts	0.0085 fts
DY			390.1992 fts	-0.0169 fts	-0.0021 fts	0.0151 fts
DZ			354.6710 fts	0.0110 fts	0.0187 fts	0.0120 fts
DX	EBDR AZ-7 OLD	EBDR AZ-21	24969.7332 fts	0.0378 fts	0.0462 fts	0.0110 fts
DY			42491.7156 fts	0.0369 fts	0.0329 fts	0.0223 fts
DZ			38008.8902 fts	0.0212 fts	-0.0048 fts	0.0180 fts
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW	44.0144 fts	-0.0234 fts	-0.0148 fts	0.0195 fts
DY			59.1426 fts	0.0296 fts	0.0133 fts	0.0328 fts
DZ			52.8672 fts	-0.0135 fts	-0.0348 fts	0.0234 fts
DX	NEV AZ-2	ROND AZ-8	19971.5519 fts	-0.0010 fts	-0.0003 fts	0.0142 fts
DY			-8487.7005 fts	0.0022 fts	0.0176 fts	0.0231 fts
DZ			-16210.9666 fts	0.0215 fts	0.0126 fts	0.0148 fts
DX	EBDR AZ-16 OLD	EBDR AZ-2	-49995.9159 fts	-0.0063 fts	-0.0114 fts	0.0085 fts
DY			-19859.6163 fts	-0.0198 fts	0.0110 fts	0.0121 fts
DZ			-6317.4260 fts	0.0307 fts	0.0336 fts	0.0108 fts
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	30580.3839 fts	-0.0316 fts	-0.0272 fts	0.0090 fts
DY			4304.0983 fts	0.0120 fts	0.0180 fts	0.0260 fts
DZ			-5257.1096 fts	0.0061 fts	-0.0108 fts	0.0182 fts
DX	EBDR AZ-10	EBDR AZ-25 OLD	23078.5433 fts	0.0140 fts	0.0174 fts	0.0072 fts
DY			9049.0206 fts	0.0145 fts	0.0045 fts	0.0133 fts
DZ			3074.2136 fts	-0.0032 fts	-0.0097 fts	0.0143 fts
DX	ASH AZ-7	ASH AZ-8	546.7963 fts	0.0004 fts	0.0027 fts	0.0054 fts
DY			-328.9755 fts	0.0086 fts	0.0073 fts	0.0171 fts
DZ			-543.2929 fts	0.0024 fts	-0.0045 fts	0.0139 fts

DX	ASH AZ-7	ASH AZ-20	27709.7759 fts	0.0017 fts	0.0041 fts	0.0061 fts
DY			-6407.8248 fts	0.0091 fts	-0.0130 fts	0.0179 fts
DZ			-15593.9948 fts	-0.0251 fts	-0.0230 fts	0.0147 fts
DX	ASH AZ-7	ASH AZ-19	27734.0124 fts	0.0084 fts	0.0060 fts	0.0058 fts
DY			-6030.5524 fts	-0.0076 fts	-0.0147 fts	0.0176 fts
DZ			-15195.2961 fts	-0.0112 fts	-0.0003 fts	0.0142 fts
DX	ASH AZ-7	ASH AZ-16	27800.0540 fts	-0.0139 fts	-0.0153 fts	0.0078 fts
DY			2322.0847 fts	-0.0070 fts	-0.0064 fts	0.0198 fts
DZ			-5878.3117 fts	-0.0059 fts	-0.0017 fts	0.0160 fts
DX	ASH AZ-7	ASH AZ-15	27271.5429 fts	-0.0183 fts	-0.0220 fts	0.0082 fts
DY			2084.3630 fts	-0.0163 fts	0.0071 fts	0.0202 fts
DZ			-6000.4951 fts	0.0194 fts	0.0210 fts	0.0163 fts
DX	ASH AZ-8	ASH AZ-20	27162.9795 fts	0.0016 fts	-0.0042 fts	0.0058 fts
DY			-6078.8493 fts	-0.0212 fts	-0.0255 fts	0.0163 fts
DZ			-15050.7019 fts	-0.0155 fts	0.0051 fts	0.0138 fts
DX	NEV AZ-4	ROND AZ-5	8052.7710 fts	-0.0025 fts	-0.0003 fts	0.0079 fts
DY			-17257.6447 fts	0.0079 fts	-0.0020 fts	0.0182 fts
DZ			-22104.2462 fts	-0.0102 fts	-0.0130 fts	0.0135 fts
DX	EBDR AZ-4	EBDR AZ-17	48023.9905 fts	0.0110 fts	0.0147 fts	0.0113 fts
DY			18480.4270 fts	0.0158 fts	-0.0105 fts	0.0152 fts
DZ			5548.3625 fts	-0.0253 fts	-0.0262 fts	0.0156 fts
DX	ROND AZ-1	ROND AZ-4	-27626.6601 fts	0.0062 fts	0.0033 fts	0.0078 fts
DY			-15224.2429 fts	-0.0097 fts	-0.0021 fts	0.0134 fts
DZ			-7919.8257 fts	0.0071 fts	0.0130 fts	0.0146 fts
DX	WBDR AZ-21	WBDR AZ-22	-292.0177 fts	-0.0011 fts	-0.0010 fts	0.0037 fts
DY			-381.9180 fts	0.0004 fts	0.0006 fts	0.0081 fts
DZ			-318.8525 fts	0.0002 fts	-0.0004 fts	0.0082 fts
DX	ASH AZ-10	ASH AZ-14	40708.1011 fts	-0.0181 fts	-0.0153 fts	0.0222 fts
DY			5643.5595 fts	0.0082 fts	-0.0100 fts	0.0401 fts
DZ			-6298.3243 fts	-0.0251 fts	-0.0263 fts	0.0382 fts
DX	EBDR AZ-3	EBDR AZ-4	45.4798 fts	-0.0026 fts	-0.0001 fts	0.0085 fts
DY			623.5378 fts	0.0091 fts	0.0024 fts	0.0130 fts
DZ			661.0898 fts	-0.0053 fts	-0.0106 fts	0.0147 fts
DX	EBDR AZ-3	EBDR AZ-17	48069.4703 fts	-0.0097 fts	-0.0092 fts	0.0121 fts
DY			19103.9647 fts	0.0007 fts	-0.0163 fts	0.0160 fts
DZ			6209.4522 fts	-0.0250 fts	-0.0192 fts	0.0171 fts
DX	ROND AZ-2	ROND AZ-4	-28192.1051 fts	0.0066 fts	0.0049 fts	0.0079 fts
DY			-15191.8025 fts	-0.0056 fts	-0.0022 fts	0.0133 fts
DZ			-7747.5472 fts	0.0035 fts	0.0077 fts	0.0146 fts
DX	ROND AZ-2	ROND AZ-1	-565.4450 fts	-0.0006 fts	-0.0004 fts	0.0046 fts
DY			32.4404 fts	0.0004 fts	0.0003 fts	0.0086 fts

DZ			172.2785 fts	-0.0002 fts	-0.0005 fts	0.0090 fts
DX	ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0736 fts	0.0041 fts	0.0011 fts	0.0059 fts
DY			468.8352 fts	-0.0105 fts	-0.0069 fts	0.0167 fts
DZ			555.8011 fts	0.0009 fts	0.0089 fts	0.0115 fts
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	-2325.7160 fts	-0.0183 fts	-0.0082 fts	0.0186 fts
DY			-1351.9547 fts	0.0348 fts	0.0108 fts	0.0488 fts
DZ			-662.1580 fts	-0.0200 fts	-0.0420 fts	0.0353 fts
DX	ASH AZ-25 OLD	ASH AZ-28	3803.4765 fts	-0.0084 fts	-0.0082 fts	0.0040 fts
DY			-5320.1042 fts	-0.0007 fts	0.0118 fts	0.0069 fts
DZ			-6892.8942 fts	0.0144 fts	0.0084 fts	0.0079 fts
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3913 fts	0.0291 fts	0.0283 fts	0.0031 fts
DY			261.6960 fts	0.0011 fts	-0.0090 fts	0.0050 fts
DZ			363.4130 fts	-0.0060 fts	0.0010 fts	0.0055 fts
DX	ASH AZ-26 OLD	ASH AZ-28	4073.8678 fts	0.0076 fts	0.0091 fts	0.0042 fts
DY			-5581.8002 fts	0.0068 fts	-0.0016 fts	0.0070 fts
DZ			-7256.3072 fts	-0.0062 fts	-0.0075 fts	0.0081 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	270.3913 fts	0.0166 fts	0.0193 fts	0.0031 fts
DY			-261.6960 fts	0.0120 fts	-0.0136 fts	0.0050 fts
DZ			-363.4130 fts	-0.0247 fts	-0.0218 fts	0.0055 fts
DX	WBDR AZ-26	WBDR AZ-25	-701.1120 fts	0.0120 fts	0.0063 fts	0.0070 fts
DY			-76.9682 fts	-0.0203 fts	0.0049 fts	0.0117 fts
DZ			121.7638 fts	0.0274 fts	0.0352 fts	0.0127 fts
DX	EBDR AZ-8	EBDR AZ-7 OLD	-286.7391 fts	-0.0047 fts	-0.0023 fts	0.0085 fts
DY			-390.1992 fts	0.0085 fts	0.0069 fts	0.0151 fts
DZ			-354.6710 fts	0.0008 fts	-0.0065 fts	0.0120 fts
DX	EBDR AZ-8	EBDR AZ-7 NEW	-242.7246 fts	0.0149 fts	0.0093 fts	0.0191 fts
DY			-331.0566 fts	-0.0191 fts	-0.0085 fts	0.0320 fts
DZ			-301.8037 fts	0.0087 fts	0.0224 fts	0.0224 fts
DX	WBDR AZ-9	WBDR AZ-10	362.0639 fts	0.0008 fts	-0.0014 fts	0.0136 fts
DY			296.5616 fts	-0.0084 fts	-0.0028 fts	0.0298 fts
DZ			211.5496 fts	0.0038 fts	0.0087 fts	0.0204 fts
DX	EBDR AZ-5	EBDR AZ-6	-583.3865 fts	0.0006 fts	0.0007 fts	0.0039 fts
DY			53.0970 fts	0.0003 fts	-0.0009 fts	0.0096 fts
DZ			232.3165 fts	-0.0013 fts	-0.0009 fts	0.0072 fts
DX	EBDR AZ-23	EBDR AZ-24	737.0968 fts	0.0002 fts	0.0009 fts	0.0057 fts
DY			-70.2561 fts	0.0025 fts	0.0036 fts	0.0108 fts
DZ			-266.5176 fts	0.0028 fts	0.0001 fts	0.0090 fts
DX	WBDR AZ-14	WBDR AZ-13	-508.5209 fts	0.0004 fts	0.0009 fts	0.0039 fts
DY			345.0044 fts	0.0017 fts	0.0010 fts	0.0063 fts
DZ			540.2612 fts	-0.0001 fts	-0.0012 fts	0.0052 fts
DX	ASH AZ-22 OLD	ASH AZ-9	-54238.5856 fts	-0.0213 fts	-0.0310 fts	0.0304 fts
DY			4394.5766 fts	-0.0385 fts	-0.0264 fts	0.0513 fts

DZ			21429.8694 fts	-0.0074 fts	0.0183 fts	0.0414 fts
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	-6975.0899 fts	-0.0102 fts	0.0029 fts	0.0074 fts
DY			-27653.1355 fts	0.0469 fts	0.0092 fts	0.0196 fts
DZ			-28070.8418 fts	-0.0309 fts	-0.0563 fts	0.0135 fts
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	-7142.1636 fts	-0.0079 fts	-0.0188 fts	0.0071 fts
DY			-27184.3004 fts	-0.0412 fts	-0.0138 fts	0.0167 fts
DZ			-27515.0407 fts	0.0152 fts	0.0381 fts	0.0120 fts
DX	ASH AZ-22 OLD	ASH AZ-28	-6870.3173 fts	-0.0112 fts	-0.0133 fts	0.0059 fts
DY			-17929.9815 fts	-0.0095 fts	-0.0018 fts	0.0118 fts
DZ			-17668.3607 fts	0.0031 fts	0.0066 fts	0.0098 fts
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	275.1350 fts	-0.0108 fts	-0.0107 fts	0.0061 fts
DY			588.5685 fts	-0.0011 fts	-0.0071 fts	0.0119 fts
DZ			566.5923 fts	-0.0113 fts	-0.0090 fts	0.0086 fts
DX	EBDR AZ-9	EBDR AZ-25 OLD	22750.1629 fts	0.0370 fts	0.0352 fts	0.0072 fts
DY			8708.5253 fts	-0.0018 fts	-0.0089 fts	0.0133 fts
DZ			2792.4559 fts	-0.0016 fts	0.0075 fts	0.0143 fts
DX	EBDR AZ-9	EBDR AZ-10	-328.3804 fts	-0.0011 fts	-0.0009 fts	0.0034 fts
DY			-340.4953 fts	0.0008 fts	0.0013 fts	0.0063 fts
DZ			-281.7577 fts	0.0008 fts	-0.0003 fts	0.0068 fts
DX	WBDR AZ-8	WBDR AZ-7	-163.5272 fts	0.0009 fts	-0.0001 fts	0.0071 fts
DY			-701.3994 fts	-0.0036 fts	0.0006 fts	0.0097 fts
DZ			-737.2012 fts	0.0041 fts	0.0055 fts	0.0084 fts
DX	WBDR AZ-18	WBDR AZ-17	408.7652 fts	-0.0016 fts	-0.0021 fts	0.0074 fts
DY			422.2629 fts	-0.0022 fts	-0.0030 fts	0.0117 fts
DZ			358.7636 fts	-0.0025 fts	-0.0004 fts	0.0100 fts
DX	ASH AZ-19	ASH AZ-8	-27187.2160 fts	-0.0044 fts	0.0014 fts	0.0056 fts
DY			5701.5769 fts	0.0208 fts	0.0283 fts	0.0159 fts
DZ			14652.0031 fts	0.0190 fts	-0.0030 fts	0.0134 fts
DX	ASH AZ-19	ASH AZ-20	-24.2365 fts	-0.0008 fts	-0.0018 fts	0.0047 fts
DY			-377.2725 fts	-0.0037 fts	-0.0016 fts	0.0114 fts
DZ			-398.6988 fts	0.0009 fts	0.0031 fts	0.0098 fts
DX	ASH AZ-13	ASH AZ-14	-723.1587 fts	0.0090 fts	0.0059 fts	0.0101 fts
DY			-399.9830 fts	-0.0099 fts	-0.0083 fts	0.0171 fts
DZ			-244.9145 fts	-0.0004 fts	0.0086 fts	0.0184 fts
DX	ASH AZ-13	ASH AZ-10	-41431.2597 fts	0.0048 fts	0.0106 fts	0.0218 fts
DY			-6043.5426 fts	0.0221 fts	0.0247 fts	0.0391 fts
DZ			6053.4098 fts	0.0153 fts	-0.0045 fts	0.0372 fts
DX	ASH AZ-18	ASH AZ-6 OLD	-44867.6350 fts	0.0378 fts	0.0364 fts	0.0131 fts
DY			59.9627 fts	-0.0001 fts	-0.0442 fts	0.0276 fts
DZ			14400.1949 fts	-0.0503 fts	-0.0261 fts	0.0189 fts
DX	ASH AZ-18	ASH AZ-17	285.8115 fts	-0.0052 fts	-0.0035 fts	0.0125 fts
DY			465.1711 fts	0.0056 fts	0.0045 fts	0.0215 fts

DZ			400.6134 fts	-0.0002 fts	-0.0052 fts	0.0145 fts
DX	WBDR AZ-16 OLD	WBDR AZ-15	481.3893 fts	-0.0005 fts	0.0001 fts	0.0045 fts
DY			-261.5220 fts	0.0025 fts	0.0008 fts	0.0064 fts
DZ			-406.6561 fts	-0.0013 fts	-0.0028 fts	0.0078 fts
DX	EBDR AZ-12	EBDR AZ-11	690.9862 fts	0.0009 fts	0.0012 fts	0.0097 fts
DY			170.9559 fts	0.0015 fts	0.0006 fts	0.0203 fts
DZ			-44.8505 fts	-0.0003 fts	-0.0011 fts	0.0143 fts
DX	ROND AZ-6	ROND AZ-5	-30.3288 fts	0.0006 fts	-0.0003 fts	0.0056 fts
DY			481.2131 fts	-0.0031 fts	-0.0007 fts	0.0128 fts
DZ			511.9137 fts	0.0018 fts	0.0035 fts	0.0087 fts
DX	ROND AZ-6	NEV AZ-4	-8083.0998 fts	-0.0021 fts	-0.0031 fts	0.0078 fts
DY			17738.8579 fts	-0.0043 fts	0.0056 fts	0.0179 fts
DZ			22616.1599 fts	0.0107 fts	0.0098 fts	0.0134 fts
DX	FLEISCHMANNNS 2	EBDR AZ-9	-25373.4023 fts	-0.0231 fts	-0.0197 fts	0.0037 fts
DY			-8841.4775 fts	0.0097 fts	0.0126 fts	0.0069 fts
DZ			-2244.3479 fts	0.0029 fts	-0.0095 fts	0.0071 fts
DX	FLEISCHMANNNS 2	EBDR AZ-8	-38247.6363 fts	0.0092 fts	-0.0028 fts	0.0063 fts
DY			-12367.0829 fts	-0.0437 fts	-0.0272 fts	0.0120 fts
DZ			-2144.3185 fts	0.0037 fts	0.0355 fts	0.0095 fts
DX	FLEISCHMANNNS 2	EBDR AZ-7 OLD	-38534.3754 fts	0.0031 fts	-0.0062 fts	0.0084 fts
DY			-12757.2821 fts	-0.0345 fts	-0.0206 fts	0.0149 fts
DZ			-2498.9895 fts	0.0031 fts	0.0273 fts	0.0119 fts
DX	FLEISCHMANNNS 2	EBDR AZ-6	-36621.1783 fts	-0.0075 fts	-0.0115 fts	0.0046 fts
DY			-17278.9483 fts	-0.0156 fts	0.0002 fts	0.0111 fts
DZ			-7953.6020 fts	0.0121 fts	0.0178 fts	0.0083 fts
DX	FLEISCHMANNNS 2	EBDR AZ-5	-36037.7918 fts	-0.0088 fts	-0.0108 fts	0.0046 fts
DY			-17332.0453 fts	-0.0086 fts	0.0021 fts	0.0108 fts
DZ			-8185.9185 fts	0.0083 fts	0.0100 fts	0.0083 fts
DX	FLEISCHMANNNS 2	EBDR AZ-4	-65100.0863 fts	-0.0079 fts	0.0009 fts	0.0086 fts
DY			-10024.8510 fts	0.0320 fts	-0.0132 fts	0.0142 fts
DZ			8454.6667 fts	-0.0476 fts	-0.0564 fts	0.0143 fts
DX	FLEISCHMANNNS 2	EBDR AZ-28	3271.5226 fts	-0.0019 fts	-0.0006 fts	0.0057 fts
DY			520.3553 fts	0.0049 fts	0.0033 fts	0.0116 fts
DZ			-430.3995 fts	-0.0003 fts	-0.0040 fts	0.0141 fts
DX	FLEISCHMANNNS 2	EBDR AZ-27	2754.2933 fts	-0.0012 fts	0.0006 fts	0.0059 fts
DY			373.8438 fts	0.0066 fts	0.0044 fts	0.0119 fts
DZ			-445.0833 fts	-0.0001 fts	-0.0050 fts	0.0148 fts
DX	FLEISCHMANNNS 2	EBDR AZ-26	-3169.1674 fts	-0.0224 fts	-0.0158 fts	0.0048 fts
DY			-129.3049 fts	0.0216 fts	0.0126 fts	0.0093 fts
DZ			709.7519 fts	-0.0073 fts	-0.0248 fts	0.0094 fts
DX	FLEISCHMANNNS 2	EBDR AZ-25 OLD	-2623.2394 fts	-0.0130 fts	-0.0094 fts	0.0069 fts
DY			-132.9522 fts	0.0117 fts	0.0257 fts	0.0128 fts

DZ			548.1080 fts	0.0213 fts	0.0033 fts	0.0137 fts
DX	FLEISCHMANNNS 2	EBDR AZ-24	-6208.9744 fts	0.0030 fts	0.0011 fts	0.0052 fts
DY			-8612.9880 fts	-0.0065 fts	-0.0040 fts	0.0099 fts
DZ			-7336.8257 fts	0.0010 fts	0.0059 fts	0.0081 fts
DX	FLEISCHMANNNS 2	EBDR AZ-23	-6946.0712 fts	0.0000 fts	0.0002 fts	0.0056 fts
DY			-8542.7320 fts	0.0006 fts	-0.0045 fts	0.0106 fts
DZ			-7070.3081 fts	-0.0066 fts	-0.0049 fts	0.0088 fts
DX	FLEISCHMANNNS 2	EBDR AZ-22	-13394.5543 fts	-0.0121 fts	0.0021 fts	0.0069 fts
DY			30216.9614 fts	0.0516 fts	0.0303 fts	0.0176 fts
DZ			35975.4110 fts	-0.0070 fts	-0.0440 fts	0.0137 fts
DX	FLEISCHMANNNS 2	EBDR AZ-21	-13564.6422 fts	-0.0059 fts	0.0030 fts	0.0076 fts
DY			29734.4335 fts	0.0325 fts	0.0269 fts	0.0177 fts
DZ			35509.9008 fts	0.0065 fts	-0.0200 fts	0.0146 fts
DX	FLEISCHMANNNS 2	EBDR AZ-20	-9808.5672 fts	-0.0047 fts	-0.0076 fts	0.0062 fts
DY			11021.4907 fts	-0.0115 fts	0.0021 fts	0.0149 fts
DZ			14777.2695 fts	0.0118 fts	0.0152 fts	0.0101 fts
DX	FLEISCHMANNNS 2	EBDR AZ-2	-65788.7166 fts	0.0248 fts	0.0249 fts	0.0055 fts
DY			-16436.3513 fts	0.0037 fts	-0.0290 fts	0.0087 fts
DZ			1779.5391 fts	-0.0364 fts	-0.0221 fts	0.0079 fts
DX	FLEISCHMANNNS 2	EBDR AZ-19	-9057.3583 fts	-0.0096 fts	-0.0127 fts	0.0055 fts
DY			11254.5400 fts	-0.0128 fts	-0.0012 fts	0.0133 fts
DZ			14893.3661 fts	0.0072 fts	0.0121 fts	0.0095 fts
DX	FLEISCHMANNNS 2	EBDR AZ-18	-16523.5986 fts	0.0213 fts	0.0104 fts	0.0060 fts
DY			8752.5833 fts	-0.0382 fts	-0.0082 fts	0.0089 fts
DZ			14179.6090 fts	0.0274 fts	0.0499 fts	0.0094 fts
DX	FLEISCHMANNNS 2	EBDR AZ-16 OLD	-15792.8007 fts	0.0225 fts	0.0200 fts	0.0072 fts
DY			3423.2650 fts	-0.0060 fts	-0.0011 fts	0.0102 fts
DZ			8096.9652 fts	0.0091 fts	0.0149 fts	0.0090 fts
DX	FLEISCHMANNNS 2	EBDR AZ-15	-15659.3093 fts	0.0121 fts	0.0126 fts	0.0056 fts
DY			2833.3390 fts	0.0034 fts	-0.0019 fts	0.0086 fts
DZ			7425.1618 fts	-0.0026 fts	-0.0018 fts	0.0076 fts
DX	FLEISCHMANNNS 2	EBDR AZ-14 OLD	-19206.3658 fts	0.0159 fts	0.0091 fts	0.0052 fts
DY			-6135.6654 fts	-0.0235 fts	0.0023 fts	0.0086 fts
DZ			-1117.0996 fts	0.0275 fts	0.0384 fts	0.0076 fts
DX	FLEISCHMANNNS 2	EBDR AZ-13 OLD	-19363.5442 fts	0.0163 fts	0.0153 fts	0.0052 fts
DY			-5620.0410 fts	-0.0018 fts	0.0102 fts	0.0085 fts
DZ			-513.2583 fts	0.0192 fts	0.0174 fts	0.0074 fts
DX	FLEISCHMANNNS 2	EBDR AZ-12	-20401.2045 fts	0.0328 fts	0.0313 fts	0.0094 fts
DY			-8104.4462 fts	-0.0012 fts	-0.0143 fts	0.0195 fts
DZ			-2850.3452 fts	-0.0103 fts	0.0004 fts	0.0139 fts
DX	FLEISCHMANNNS 2	EBDR AZ-11	-19710.2184 fts	0.0375 fts	0.0382 fts	0.0075 fts

DY			-7933.4903 fts	0.0078 fts	-0.0218 fts	0.0156 fts
DZ			-2895.1957 fts	-0.0272 fts	-0.0164 fts	0.0107 fts
DX	FLEISCHMANNNS 2	EBDR AZ-10	-25701.7827 fts	-0.0244 fts	-0.0209 fts	0.0037 fts
DY			-9181.9728 fts	0.0101 fts	0.0135 fts	0.0070 fts
DZ			-2526.1056 fts	0.0035 fts	-0.0097 fts	0.0072 fts
DX	FLEISCHMANNNS 2	EBDR AZ-1	-66080.1819 fts	0.0310 fts	0.0276 fts	0.0052 fts
DY			-16745.3734 fts	-0.0088 fts	-0.0394 fts	0.0083 fts
DZ			1469.2747 fts	-0.0380 fts	-0.0131 fts	0.0074 fts
DX	FLEISCHMANNNS 2	ASH AZ-8	40740.4588 fts	0.0129 fts	-0.0046 fts	0.0055 fts
DY			2535.5461 fts	-0.0642 fts	-0.0577 fts	0.0157 fts
DZ			-10015.2415 fts	-0.0187 fts	0.0359 fts	0.0133 fts
DX	FLEISCHMANNNS 2	ASH AZ-6 OLD	19661.4218 fts	-0.0082 fts	-0.0073 fts	0.0079 fts
DY			-657.6027 fts	0.0021 fts	0.0154 fts	0.0208 fts
DZ			-6539.6110 fts	0.0169 fts	0.0082 fts	0.0145 fts
DX	FLEISCHMANNNS 2	ASH AZ-5 OLD	19281.4333 fts	0.0065 fts	-0.0006 fts	0.0066 fts
DY			-471.3308 fts	-0.0255 fts	0.0014 fts	0.0162 fts
DZ			-6218.2346 fts	0.0258 fts	0.0368 fts	0.0117 fts
DX	FLEISCHMANNNS 2	ASH AZ-4	30281.1051 fts	0.0107 fts	0.0015 fts	0.0164 fts
DY			-5134.7585 fts	-0.0331 fts	-0.0076 fts	0.0229 fts
DZ			-14865.9644 fts	0.0212 fts	0.0400 fts	0.0187 fts
DX	FLEISCHMANNNS 2	ASH AZ-3	29764.5272 fts	0.0081 fts	-0.0006 fts	0.0131 fts
DY			-5148.6953 fts	-0.0317 fts	-0.0125 fts	0.0189 fts
DZ			-14722.2911 fts	0.0128 fts	0.0328 fts	0.0140 fts
DX	FLEISCHMANNNS 2	ASH AZ-20	67903.4383 fts	0.0198 fts	0.0144 fts	0.0053 fts
DY			-3543.3032 fts	-0.0179 fts	-0.0053 fts	0.0132 fts
DZ			-25065.9433 fts	0.0133 fts	0.0257 fts	0.0115 fts
DX	FLEISCHMANNNS 2	ASH AZ-19	67927.6748 fts	0.0060 fts	-0.0023 fts	0.0052 fts
DY			-3166.0308 fts	-0.0303 fts	-0.0057 fts	0.0131 fts
DZ			-24667.2445 fts	0.0201 fts	0.0364 fts	0.0113 fts
DX	FLEISCHMANNNS 2	ASH AZ-18	64529.0568 fts	0.0107 fts	0.0049 fts	0.0115 fts
DY			-717.5653 fts	-0.0201 fts	-0.0091 fts	0.0202 fts
DZ			-20939.8059 fts	0.0079 fts	0.0218 fts	0.0137 fts
DX	FLEISCHMANNNS 2	ASH AZ-17	64814.8684 fts	0.0053 fts	-0.0059 fts	0.0125 fts
DY			-252.3942 fts	-0.0414 fts	-0.0177 fts	0.0219 fts
DZ			-20539.1925 fts	0.0135 fts	0.0397 fts	0.0155 fts
DX	FLEISCHMANNNS 2	ASH AZ-16	67993.7164 fts	0.0132 fts	0.0035 fts	0.0068 fts
DY			5186.6063 fts	-0.0346 fts	-0.0200 fts	0.0134 fts
DZ			-15350.2602 fts	0.0063 fts	0.0315 fts	0.0114 fts
DX	FLEISCHMANNNS 2	ASH AZ-15	67465.2053 fts	0.0090 fts	-0.0050 fts	0.0073 fts
DY			4948.8846 fts	-0.0515 fts	-0.0126 fts	0.0141 fts
DZ			-15472.4436 fts	0.0301 fts	0.0588 fts	0.0119 fts
DX	FLEISCHMANNNS 2	ASH AZ-14	75588.0952 fts	0.0136 fts	0.0127 fts	0.0102 fts
DY			14179.8544 fts	-0.0015 fts	0.0077 fts	0.0178 fts
DZ			-7652.3202 fts	0.0151 fts	0.0139 fts	0.0186 fts

DX	FLEISCHMANN'S 2	ASH AZ-13	76311.2539 fts	0.0348 fts	0.0320 fts	0.0085 fts
DY			14579.8374 fts	-0.0058 fts	-0.0022 fts	0.0136 fts
DZ			-7407.4057 fts	0.0105 fts	0.0181 fts	0.0156 fts
DX	FLEISCHMANN'S 2	ASH AZ-12 OLD	50241.8056 fts	0.0000 fts	0.0112 fts	0.0077 fts
DY			3646.4957 fts	0.0421 fts	-0.0083 fts	0.0217 fts
DZ			-11796.7205 fts	-0.0478 fts	-0.0621 fts	0.0162 fts
DX	EBDR AZ-1	EBDR AZ-2	291.4653 fts	0.0006 fts	0.0006 fts	0.0045 fts
DY			309.0221 fts	0.0000 fts	-0.0028 fts	0.0062 fts
DZ			310.2645 fts	-0.0036 fts	-0.0023 fts	0.0057 fts
DX	EBDR AZ-1	EBDR AZ-15	50420.8726 fts	0.0060 fts	0.0026 fts	0.0070 fts
DY			19578.7124 fts	-0.0122 fts	0.0291 fts	0.0104 fts
DZ			5955.8872 fts	0.0514 fts	0.0444 fts	0.0093 fts
DX	WBDR AZ-6	WBDR AZ-5	684.2470 fts	-0.0038 fts	-0.0006 fts	0.0116 fts
DY			-400.0535 fts	0.0120 fts	0.0044 fts	0.0158 fts
DZ			-581.6081 fts	-0.0055 fts	-0.0130 fts	0.0121 fts
DX	WBDR AZ-27	WBDR AZ-28	544.4183 fts	-0.0035 fts	-0.0024 fts	0.0056 fts
DY			292.3707 fts	0.0036 fts	-0.0049 fts	0.0104 fts
DZ			165.9582 fts	-0.0107 fts	-0.0105 fts	0.0087 fts
DX	EBDR AZ-18	EBDR AZ-17	-552.4973 fts	0.0056 fts	0.0038 fts	0.0085 fts
DY			-297.0073 fts	-0.0063 fts	0.0005 fts	0.0096 fts
DZ			-176.5799 fts	0.0075 fts	0.0107 fts	0.0098 fts
DX	NEV AZ-1	ROND AZ-8	20591.2075 fts	0.0074 fts	0.0068 fts	0.0125 fts
DY			-8758.2523 fts	-0.0016 fts	0.0134 fts	0.0242 fts
DZ			-16704.3947 fts	0.0212 fts	0.0167 fts	0.0132 fts
DX	NEV AZ-1	ROND AZ-7	20232.3618 fts	0.0091 fts	0.0156 fts	0.0125 fts
DY			-9315.8139 fts	0.0257 fts	0.0331 fts	0.0241 fts
DZ			-17185.2711 fts	0.0244 fts	-0.0003 fts	0.0132 fts
DX	NEV AZ-1	NEV AZ-2	619.6556 fts	-0.0014 fts	0.0017 fts	0.0127 fts
DY			-270.5518 fts	0.0114 fts	0.0120 fts	0.0241 fts
DZ			-493.4282 fts	0.0059 fts	-0.0045 fts	0.0136 fts
DX	NEV AZ-3	ROND AZ-6	7450.6998 fts	0.0169 fts	0.0075 fts	0.0082 fts
DY			-18039.0302 fts	-0.0331 fts	-0.0138 fts	0.0198 fts
DZ			-22762.3853 fts	0.0142 fts	0.0365 fts	0.0147 fts
DX	NEV AZ-3	ROND AZ-5	7420.3710 fts	0.0075 fts	0.0031 fts	0.0084 fts
DY			-17557.8170 fts	-0.0155 fts	-0.0115 fts	0.0201 fts
DZ			-22250.4715 fts	-0.0002 fts	0.0125 fts	0.0148 fts
DX	NEV AZ-3	NEV AZ-4	-632.4000 fts	-0.0020 fts	-0.0017 fts	0.0085 fts
DY			-300.1723 fts	0.0006 fts	-0.0010 fts	0.0202 fts
DZ			-146.2254 fts	-0.0024 fts	-0.0024 fts	0.0153 fts
DX	ASH AZ-3	ASH AZ-4	516.5778 fts	0.0012 fts	0.0001 fts	0.0148 fts
DY			13.9368 fts	-0.0040 fts	-0.0014 fts	0.0205 fts
DZ			-143.6733 fts	0.0018 fts	0.0043 fts	0.0169 fts
DX	EBDR AZ-26	EBDR AZ-9	-22204.2349 fts	-0.0024 fts	0.0007 fts	0.0051 fts

DY			-8712.1727 fts	0.0112 fts	0.0053 fts	0.0098 fts
DZ			-2954.0998 fts	-0.0031 fts	-0.0105 fts	0.0101 fts
DX	EBDR AZ-26	EBDR AZ-25 OLD	545.9280 fts	0.0069 fts	0.0015 fts	0.0068 fts
DY			-3.6473 fts	-0.0195 fts	0.0087 fts	0.0133 fts
DZ			-161.6439 fts	0.0304 fts	0.0357 fts	0.0131 fts
DX	EBDR AZ-26	EBDR AZ-10	-22532.6153 fts	-0.0007 fts	0.0015 fts	0.0051 fts
DY			-9052.6679 fts	0.0082 fts	0.0052 fts	0.0098 fts
DZ			-3235.8575 fts	-0.0003 fts	-0.0062 fts	0.0101 fts
DX	ASH AZ-27	ASH AZ-26 OLD	-4386.1200 fts	-0.0125 fts	-0.0129 fts	0.0043 fts
DY			6068.5564 fts	-0.0033 fts	0.0110 fts	0.0074 fts
DZ			7897.1479 fts	0.0146 fts	0.0096 fts	0.0083 fts
DX	ASH AZ-27	ASH AZ-25 OLD	-4115.7288 fts	0.0045 fts	0.0055 fts	0.0042 fts
DY			5806.8605 fts	0.0044 fts	-0.0013 fts	0.0072 fts
DZ			7533.7349 fts	-0.0045 fts	-0.0052 fts	0.0081 fts
DX	ASH AZ-27	ASH AZ-22 OLD	6558.0650 fts	0.0127 fts	0.0085 fts	0.0059 fts
DY			18416.7377 fts	-0.0138 fts	0.0164 fts	0.0118 fts
DZ			18309.2014 fts	0.0371 fts	0.0372 fts	0.0097 fts
DX	ASH AZ-27	ASH AZ-21 OLD	6833.2000 fts	-0.0052 fts	0.0034 fts	0.0065 fts
DY			19005.3062 fts	0.0308 fts	0.0192 fts	0.0128 fts
DZ			18875.7937 fts	-0.0021 fts	-0.0245 fts	0.0104 fts
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	379.9885 fts	-0.0051 fts	-0.0010 fts	0.0073 fts
DY			-186.2718 fts	0.0143 fts	0.0050 fts	0.0197 fts
DZ			-321.3763 fts	-0.0070 fts	-0.0159 fts	0.0134 fts
DX	ASH AZ-5 OLD	ASH AZ-17	45533.4351 fts	0.0373 fts	0.0316 fts	0.0134 fts
DY			218.9366 fts	-0.0164 fts	-0.0146 fts	0.0260 fts
DZ			-14320.9578 fts	0.0037 fts	0.0216 fts	0.0183 fts
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3724 fts	0.0099 fts	0.0011 fts	0.0081 fts
DY			4117.8265 fts	-0.0317 fts	-0.0010 fts	0.0234 fts
DZ			-5578.4859 fts	0.0286 fts	0.0438 fts	0.0168 fts
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7580 fts	0.0128 fts	-0.0202 fts	0.0091 fts
DY			4003.4052 fts	-0.1217 fts	-0.0576 fts	0.0206 fts
DZ			-5493.9809 fts	0.0315 fts	0.1106 fts	0.0168 fts
DX	WBDR AZ-4	WBDR AZ-3	-190.0267 fts	0.0016 fts	0.0012 fts	0.0052 fts
DY			-387.8694 fts	-0.0013 fts	-0.0004 fts	0.0113 fts
DZ			-356.1408 fts	0.0010 fts	0.0019 fts	0.0119 fts
DX	ASH AZ-24	ASH AZ-23	955.6040 fts	0.0052 fts	0.0041 fts	0.0117 fts
DY			76.4389 fts	-0.0034 fts	-0.0038 fts	0.0243 fts
DZ			-225.7244 fts	-0.0010 fts	0.0028 fts	0.0228 fts
DX	EBDR AZ-20	EBDR AZ-6	-26812.6111 fts	0.0048 fts	0.0038 fts	0.0067 fts
DY			-28300.4389 fts	-0.0030 fts	0.0106 fts	0.0164 fts
DZ			-22730.8715 fts	0.0181 fts	0.0153 fts	0.0112 fts
DX	EBDR AZ-20	EBDR AZ-	-26229.2246 fts	0.0104 fts	0.0046 fts	0.0068 fts

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DY			-28353.5360 fts	-0.0205 fts	0.0011 fts	0.0163 fts
DZ			-22963.1879 fts	0.0220 fts	0.0315 fts	0.0112 fts
DX	EBDR AZ-20	EBDR AZ-19	751.2089 fts	-0.0063 fts	-0.0010 fts	0.0071 fts
DY			233.0493 fts	0.0191 fts	0.0073 fts	0.0172 fts
DZ			116.0967 fts	-0.0083 fts	-0.0204 fts	0.0115 fts
DX	ROND AZ-3	ROND AZ-4	700.6854 fts	-0.0034 fts	-0.0026 fts	0.0078 fts
DY			250.1031 fts	0.0025 fts	0.0034 fts	0.0120 fts
DZ			38.6480 fts	0.0016 fts	-0.0014 fts	0.0142 fts
DX	ROND AZ-3	ROND AZ-2	28892.7905 fts	0.0042 fts	0.0028 fts	0.0077 fts
DY			15441.9056 fts	-0.0049 fts	-0.0056 fts	0.0129 fts
DZ			7786.1952 fts	-0.0024 fts	0.0028 fts	0.0142 fts
DX	ROND AZ-3	ROND AZ-1	28327.3455 fts	0.0041 fts	0.0009 fts	0.0076 fts
DY			15474.3460 fts	-0.0116 fts	-0.0058 fts	0.0130 fts
DZ			7958.4736 fts	0.0032 fts	0.0113 fts	0.0141 fts
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	671.6144 fts	-0.0058 fts	0.0029 fts	0.0091 fts
DY			114.4213 fts	0.0314 fts	0.0269 fts	0.0233 fts
DZ			-84.5049 fts	0.0075 fts	-0.0185 fts	0.0185 fts
DX	ASH AZ-11 OLD	ASH AZ-11 NEW	625.5473 fts	-0.0191 fts	-0.0158 fts	0.0117 fts
DY			96.1466 fts	0.0098 fts	-0.0442 fts	0.0212 fts
DZ			-85.7297 fts	-0.0728 fts	-0.0596 fts	0.0198 fts
DX	WBDR AZ-12	WBDR AZ-11	623.2190 fts	0.0027 fts	0.0030 fts	0.0088 fts
DY			-755.3905 fts	0.0013 fts	0.0023 fts	0.0232 fts
DZ			-1013.8098 fts	0.0026 fts	0.0013 fts	0.0209 fts
DX	EBDR AZ-13 OLD	EBDR AZ-15	3704.2350 fts	-0.0039 fts	0.0001 fts	0.0064 fts
DY			8453.3800 fts	0.0147 fts	0.0334 fts	0.0103 fts
DZ			7938.4201 fts	0.0314 fts	0.0098 fts	0.0091 fts
DX	EBDR AZ-13 OLD	ASH AZ-1	52677.3948 fts	-0.0428 fts	-0.0342 fts	0.0135 fts
DY			-13550.7694 fts	0.0268 fts	-0.0079 fts	0.0221 fts
DZ			-29693.3602 fts	-0.0443 fts	-0.0573 fts	0.0227 fts
DX	EBDR AZ-22	EBDR AZ-8	-24853.0821 fts	-0.0371 fts	-0.0152 fts	0.0088 fts
DY			-42584.0443 fts	0.0770 fts	0.0466 fts	0.0203 fts
DZ			-38119.7295 fts	-0.0136 fts	-0.0714 fts	0.0156 fts
DX	EBDR AZ-22	EBDR AZ-7 OLD	-25139.8211 fts	-0.0013 fts	-0.0194 fts	0.0104 fts
DY			-42974.2434 fts	-0.0680 fts	-0.0419 fts	0.0222 fts
DZ			-38474.4005 fts	0.0027 fts	0.0500 fts	0.0172 fts
DX	EBDR AZ-22	EBDR AZ-21	-170.0879 fts	0.0041 fts	0.0000 fts	0.0075 fts
DY			-482.5278 fts	-0.0149 fts	-0.0153 fts	0.0188 fts
DZ			-465.5103 fts	-0.0067 fts	0.0069 fts	0.0150 fts
DX	EBDR AZ-28	EBDR AZ-27	-517.2293 fts	0.0021 fts	0.0005 fts	0.0066 fts
DY			-146.5115 fts	-0.0059 fts	-0.0008 fts	0.0135 fts
DZ			-14.6838 fts	0.0046 fts	0.0077 fts	0.0168 fts
		EBDR AZ-				

DX	EBDR AZ-15	2	-50129.4073 fts	-0.0130 fts	-0.0058 fts	0.0073 fts
DY			-19269.6903 fts	0.0253 fts	-0.0131 fts	0.0107 fts
DZ			-5645.6227 fts	-0.0429 fts	-0.0494 fts	0.0096 fts
DX	EBDR AZ-15	EBDR AZ-16 OLD	-133.4915 fts	0.0063 fts	0.0040 fts	0.0072 fts
DY			589.9260 fts	-0.0080 fts	-0.0016 fts	0.0100 fts
DZ			671.8033 fts	0.0063 fts	0.0112 fts	0.0088 fts
DX	EBDR AZ-15	EBDR AZ-14 NEW	-4173.6845 fts	0.0055 fts	0.0008 fts	0.0078 fts
DY			-7083.9396 fts	-0.0172 fts	-0.0198 fts	0.0144 fts
DZ			-6375.4165 fts	-0.0104 fts	0.0064 fts	0.0131 fts
DX	EBDR AZ-15	EBDR AZ-13 NEW	-4665.6696 fts	0.0092 fts	0.0018 fts	0.0091 fts
DY			-7221.8901 fts	-0.0266 fts	0.0192 fts	0.0177 fts
DZ			-6376.3848 fts	0.0514 fts	0.0553 fts	0.0165 fts
DX	ASH AZ-1	EBDR AZ-14 OLD	-52520.2164 fts	0.0025 fts	0.0126 fts	0.0135 fts
DY			13035.1451 fts	0.0381 fts	-0.0060 fts	0.0221 fts
DZ			29089.5189 fts	-0.0406 fts	-0.0539 fts	0.0227 fts
DX	SOUTH KORTRIGHT	WBDR AZ-30	19430.3938 fts	0.0209 fts	0.0166 fts	0.0053 fts
DY			20815.8199 fts	-0.0134 fts	-0.0259 fts	0.0093 fts
DZ			16749.7624 fts	-0.0183 fts	0.0013 fts	0.0103 fts
DX	SOUTH KORTRIGHT	WBDR AZ-28	10717.7593 fts	0.0082 fts	0.0018 fts	0.0063 fts
DY			10262.9448 fts	-0.0231 fts	-0.0028 fts	0.0120 fts
DZ			7919.0391 fts	0.0185 fts	0.0305 fts	0.0100 fts
DX	SOUTH KORTRIGHT	WBDR AZ-25	-1244.5971 fts	-0.0072 fts	0.0000 fts	0.0067 fts
DY			208.0311 fts	0.0261 fts	0.0046 fts	0.0131 fts
DZ			570.4320 fts	-0.0185 fts	-0.0325 fts	0.0110 fts
DX	SOUTH KORTRIGHT	WBDR AZ-23	-26660.9197 fts	-0.0244 fts	-0.0135 fts	0.0059 fts
DY			-13499.6823 fts	0.0382 fts	0.0254 fts	0.0114 fts
DZ			-6775.5995 fts	-0.0051 fts	-0.0354 fts	0.0113 fts
DX	ASH AZ-16	ASH AZ-15	-528.5111 fts	0.0000 fts	0.0010 fts	0.0070 fts
DY			-237.7217 fts	0.0036 fts	-0.0010 fts	0.0128 fts
DZ			-122.1833 fts	-0.0045 fts	-0.0056 fts	0.0107 fts
DX	WALTON	WBDR AZ-9	4695.5384 fts	0.0033 fts	0.0036 fts	0.0079 fts
DY			4118.0959 fts	0.0017 fts	-0.0016 fts	0.0167 fts
DZ			3166.2302 fts	-0.0029 fts	-0.0025 fts	0.0113 fts
DX	WALTON	WBDR AZ-8	1481.8820 fts	-0.0013 fts	0.0006 fts	0.0073 fts
DY			10083.0760 fts	0.0073 fts	0.0014 fts	0.0102 fts
DZ			10534.1919 fts	-0.0048 fts	-0.0087 fts	0.0089 fts
DX	WALTON	WBDR AZ-7	1318.3548 fts	-0.0042 fts	-0.0017 fts	0.0078 fts
DY			9381.6766 fts	0.0092 fts	0.0051 fts	0.0109 fts
DZ			9796.9906 fts	-0.0021 fts	-0.0088 fts	0.0094 fts
DX	WALTON	WBDR AZ-6	-7976.9201 fts	0.0013 fts	0.0002 fts	0.0090 fts
DY			4844.5195 fts	-0.0042 fts	-0.0027 fts	0.0133 fts
DZ			7869.5799 fts	0.0003 fts	0.0034 fts	0.0106 fts

DX	WALTON	WBDR AZ-5	-7292.6731 fts	0.0113 fts	0.0084 fts	0.0113 fts
DY			4444.4659 fts	-0.0095 fts	-0.0047 fts	0.0156 fts
DZ			7287.9718 fts	0.0046 fts	0.0121 fts	0.0118 fts
DX	WALTON	WBDR AZ-4	-224.2629 fts	-0.0014 fts	-0.0005 fts	0.0045 fts
DY			783.1524 fts	0.0035 fts	-0.0035 fts	0.0095 fts
DZ			901.0545 fts	-0.0082 fts	-0.0082 fts	0.0100 fts
DX	WALTON	WBDR AZ-3	-414.2896 fts	-0.0009 fts	0.0002 fts	0.0052 fts
DY			395.2830 fts	0.0039 fts	-0.0030 fts	0.0112 fts
DZ			544.9138 fts	-0.0076 fts	-0.0081 fts	0.0118 fts
DX	WALTON	WBDR AZ-22	50859.1116 fts	0.0063 fts	0.0127 fts	0.0054 fts
DY			41578.7710 fts	0.0256 fts	-0.0223 fts	0.0106 fts
DZ			30013.4267 fts	-0.0510 fts	-0.0514 fts	0.0107 fts
DX	WALTON	WBDR AZ-21	51151.1293 fts	-0.0064 fts	0.0020 fts	0.0052 fts
DY			41960.6890 fts	0.0319 fts	-0.0185 fts	0.0101 fts
DZ			30332.2792 fts	-0.0543 fts	-0.0605 fts	0.0101 fts
DX	WALTON	WBDR AZ-2	-6341.9913 fts	-0.0016 fts	0.0003 fts	0.0055 fts
DY			-4489.8936 fts	0.0073 fts	0.0027 fts	0.0094 fts
DZ			-3016.3912 fts	-0.0032 fts	-0.0077 fts	0.0092 fts
DX	WALTON	WBDR AZ-16 OLD	38193.3808 fts	-0.0114 fts	-0.0103 fts	0.0053 fts
DY			20804.6255 fts	0.0025 fts	-0.0024 fts	0.0080 fts
DZ			11425.4776 fts	-0.0081 fts	-0.0094 fts	0.0093 fts
DX	WALTON	WBDR AZ-15	38674.7701 fts	0.0031 fts	0.0034 fts	0.0051 fts
DY			20543.1036 fts	0.0015 fts	-0.0022 fts	0.0077 fts
DZ			11018.8215 fts	-0.0036 fts	-0.0029 fts	0.0089 fts
DX	WALTON	WBDR AZ-14	34732.7621 fts	0.0068 fts	0.0010 fts	0.0055 fts
DY			14249.1998 fts	-0.0217 fts	0.0013 fts	0.0091 fts
DZ			5403.1054 fts	0.0222 fts	0.0317 fts	0.0078 fts
DX	WALTON	WBDR AZ-13	34224.2413 fts	0.0075 fts	0.0018 fts	0.0058 fts
DY			14594.2042 fts	-0.0214 fts	0.0035 fts	0.0094 fts
DZ			5943.3667 fts	0.0252 fts	0.0336 fts	0.0081 fts
DX	WALTON	WBDR AZ-12	15495.4601 fts	-0.0074 fts	-0.0067 fts	0.0067 fts
DY			27428.7122 fts	0.0021 fts	-0.0117 fts	0.0166 fts
DZ			25485.4117 fts	-0.0194 fts	-0.0159 fts	0.0150 fts
DX	WALTON	WBDR AZ-11	16118.6790 fts	-0.0058 fts	-0.0070 fts	0.0089 fts
DY			26673.3217 fts	-0.0052 fts	-0.0156 fts	0.0231 fts
DZ			24471.6019 fts	-0.0179 fts	-0.0094 fts	0.0210 fts
DX	WALTON	WBDR AZ-10	5057.6023 fts	0.0042 fts	0.0035 fts	0.0135 fts
DY			4414.6574 fts	-0.0020 fts	-0.0035 fts	0.0296 fts
DZ			3377.7798 fts	-0.0020 fts	0.0009 fts	0.0202 fts
DX	WALTON	WBDR AZ-1	-7211.4190 fts	-0.0037 fts	-0.0015 fts	0.0060 fts

DY			-4995.7443 fts	0.0078 fts	-0.0014 fts	0.0101 fts
DZ			-3287.3008 fts	-0.0096 fts	-0.0127 fts	0.0102 fts
DX	WBDR AZ-24	WBDR AZ-23	-872.0934 fts	-0.0020 fts	-0.0019 fts	0.0031 fts
DY			-432.2713 fts	0.0003 fts	0.0002 fts	0.0067 fts
DZ			-235.7058 fts	-0.0005 fts	-0.0010 fts	0.0066 fts
DX	CLARYVILLE	ROND AZ-8	20005.2601 fts	-0.0003 fts	0.0078 fts	0.0088 fts
DY			-7902.3490 fts	0.0303 fts	0.0576 fts	0.0141 fts
DZ			-15579.1962 fts	0.0511 fts	0.0123 fts	0.0104 fts
DX	CLARYVILLE	ROND AZ-7	19646.4144 fts	0.0097 fts	0.0123 fts	0.0087 fts
DY			-8459.9107 fts	0.0108 fts	0.0501 fts	0.0139 fts
DZ			-16060.0726 fts	0.0603 fts	0.0344 fts	0.0104 fts
DX	CLARYVILLE	ROND AZ-6	11914.9723 fts	0.0014 fts	0.0067 fts	0.0068 fts
DY			-14343.3846 fts	0.0202 fts	-0.0128 fts	0.0142 fts
DZ			-20001.3545 fts	-0.0344 fts	-0.0372 fts	0.0104 fts
DX	CLARYVILLE	ROND AZ-5	11884.6435 fts	-0.0021 fts	0.0046 fts	0.0069 fts
DY			-13862.1716 fts	0.0251 fts	-0.0151 fts	0.0147 fts
DZ			-19489.4407 fts	-0.0425 fts	-0.0468 fts	0.0107 fts
DX	CLARYVILLE	ROND AZ-4	2507.3674 fts	-0.0208 fts	-0.0146 fts	0.0085 fts
DY			-13314.4304 fts	0.0205 fts	0.0039 fts	0.0134 fts
DZ			-15770.3672 fts	-0.0175 fts	-0.0305 fts	0.0141 fts
DX	CLARYVILLE	ROND AZ-3	1806.6820 fts	-0.0082 fts	-0.0074 fts	0.0083 fts
DY			-13564.5335 fts	0.0020 fts	0.0024 fts	0.0129 fts
DZ			-15809.0152 fts	-0.0005 fts	-0.0034 fts	0.0136 fts
DX	CLARYVILLE	ROND AZ-2	30699.4725 fts	-0.0062 fts	-0.0153 fts	0.0077 fts
DY			1877.3721 fts	-0.0351 fts	-0.0101 fts	0.0134 fts
DZ			-8022.8200 fts	0.0153 fts	0.0342 fts	0.0127 fts
DX	CLARYVILLE	ROND AZ-1	30134.0275 fts	-0.0092 fts	-0.0179 fts	0.0076 fts
DY			1909.8125 fts	-0.0342 fts	-0.0136 fts	0.0135 fts
DZ			-7850.5415 fts	0.0091 fts	0.0288 fts	0.0127 fts
DX	CLARYVILLE	NEV AZ-4	3831.8725 fts	0.0026 fts	0.0027 fts	0.0073 fts
DY			3395.4732 fts	0.0010 fts	-0.0059 fts	0.0163 fts
DZ			2614.8054 fts	-0.0082 fts	-0.0056 fts	0.0124 fts
DX	CLARYVILLE	NEV AZ-3	4464.2724 fts	0.0028 fts	0.0015 fts	0.0077 fts
DY			3695.6455 fts	-0.0044 fts	-0.0035 fts	0.0180 fts
DZ			2761.0308 fts	-0.0002 fts	0.0036 fts	0.0137 fts
DX	CLARYVILLE	NEV AZ-2	33.7082 fts	0.0167 fts	0.0125 fts	0.0135 fts
DY			585.3515 fts	-0.0135 fts	0.0140 fts	0.0225 fts
DZ			631.7704 fts	0.0345 fts	0.0360 fts	0.0147 fts
DX	CLARYVILLE	NEV AZ-1	-585.9474 fts	0.0040 fts	0.0069 fts	0.0115 fts
DY			855.9033 fts	0.0117 fts	0.0276 fts	0.0233 fts
DZ			1125.1985 fts	0.0279 fts	0.0110 fts	0.0126 fts
DX	WBDR AZ-29	WBDR AZ-30	-358.0120 fts	0.0048 fts	0.0052 fts	0.0045 fts
DY			279.2351 fts	0.0025 fts	0.0001 fts	0.0076 fts
DZ			445.4192 fts	-0.0010 fts	-0.0015 fts	0.0090 fts
		ROND AZ-				

DX	PHOENICIA	8	-35870.0410 fts	0.0088 fts	0.0086 fts	0.0096 fts
DY			-65861.1277 fts	0.0008 fts	-0.0120 fts	0.0156 fts
DZ			-59785.2583 fts	-0.0147 fts	-0.0086 fts	0.0123 fts
DX	PHOENICIA	ROND AZ-7	-36228.8867 fts	-0.0052 fts	-0.0060 fts	0.0095 fts
DY			-66418.6894 fts	-0.0038 fts	-0.0347 fts	0.0154 fts
DZ			-60266.1347 fts	-0.0446 fts	-0.0282 fts	0.0123 fts
DX	PHOENICIA	ROND AZ-6	-43960.3288 fts	-0.0481 fts	-0.0252 fts	0.0086 fts
DY			-72302.1634 fts	0.0781 fts	0.0582 fts	0.0171 fts
DZ			-64207.4166 fts	-0.0011 fts	-0.0662 fts	0.0134 fts
DX	PHOENICIA	ROND AZ-4	-53367.9337 fts	-0.0061 fts	0.0057 fts	0.0098 fts
DY			-71273.2092 fts	0.0427 fts	0.0195 fts	0.0166 fts
DZ			-59976.4293 fts	-0.0124 fts	-0.0400 fts	0.0164 fts
DX	PHOENICIA	ROND AZ-2	-25175.8286 fts	-0.0067 fts	0.0094 fts	0.0086 fts
DY			-56081.4067 fts	0.0587 fts	0.0438 fts	0.0153 fts
DZ			-52228.8822 fts	0.0063 fts	-0.0390 fts	0.0144 fts
DX	PHOENICIA	ROND AZ-1	-25741.2736 fts	-0.0100 fts	0.0094 fts	0.0086 fts
DY			-56048.9663 fts	0.0706 fts	0.0460 fts	0.0154 fts
DZ			-52056.6037 fts	-0.0018 fts	-0.0537 fts	0.0144 fts
DX	PHOENICIA	NEV AZ-4	-52043.4286 fts	-0.0339 fts	-0.0107 fts	0.0097 fts
DY			-54563.3055 fts	0.0811 fts	0.0238 fts	0.0201 fts
DZ			-41591.2567 fts	-0.0468 fts	-0.0961 fts	0.0160 fts
DX	PHOENICIA	NEV AZ-3	-51411.0286 fts	0.0069 fts	-0.0003 fts	0.0098 fts
DY			-54263.1332 fts	-0.0255 fts	-0.0104 fts	0.0213 fts
DZ			-41445.0313 fts	0.0099 fts	0.0263 fts	0.0168 fts
DX	PHOENICIA	NEV AZ-2	-55841.5929 fts	0.0098 fts	0.0056 fts	0.0147 fts
DY			-57373.4272 fts	-0.0143 fts	0.0282 fts	0.0247 fts
DZ			-43574.2918 fts	0.0529 fts	0.0476 fts	0.0173 fts
DX	PHOENICIA	NEV AZ-1	-56461.2485 fts	0.0720 fts	0.0718 fts	0.0131 fts
DY			-57102.8755 fts	0.0088 fts	0.0281 fts	0.0258 fts
DZ			-43080.8636 fts	0.0478 fts	0.0402 fts	0.0159 fts
DX	PHOENICIA	ASH AZ-30 OLD	17937.3692 fts	-0.0039 fts	-0.0031 fts	0.0067 fts
DY			-23137.2627 fts	0.0023 fts	0.0081 fts	0.0184 fts
DZ			-30431.4072 fts	0.0080 fts	0.0030 fts	0.0130 fts
DX	PHOENICIA	ASH AZ-29 OLD	17770.2956 fts	-0.0001 fts	0.0002 fts	0.0063 fts
DY			-22668.4276 fts	0.0007 fts	0.0027 fts	0.0155 fts
DZ			-29875.6061 fts	0.0030 fts	0.0015 fts	0.0115 fts
DX	PHOENICIA	ASH AZ-28	18042.1419 fts	0.0054 fts	0.0024 fts	0.0049 fts
DY			-13414.1087 fts	-0.0103 fts	-0.0085 fts	0.0090 fts
DZ			-20028.9261 fts	-0.0011 fts	0.0077 fts	0.0087 fts
DX	PHOENICIA	ASH AZ-27	18354.3941 fts	0.0072 fts	0.0062 fts	0.0049 fts
DY			-13900.8649 fts	-0.0029 fts	-0.0142 fts	0.0091 fts
DZ			-20669.7668 fts	-0.0149 fts	-0.0065 fts	0.0086 fts
DX	PHOENICIA	ASH AZ-26 OLD	13968.2741 fts	-0.0036 fts	-0.0051 fts	0.0047 fts
DY			-7832.3085 fts	-0.0061 fts	0.0059 fts	0.0084 fts
DZ			-12772.6189 fts	0.0124 fts	0.0119 fts	0.0085 fts

DX	PHOENICIA	ASH AZ-25 OLD	14238.6654 fts	0.0147 fts	0.0159 fts	0.0047 fts
DY			-8094.0045 fts	0.0066 fts	-0.0099 fts	0.0084 fts
DZ			-13136.0319 fts	-0.0156 fts	-0.0122 fts	0.0085 fts
DX	PHOENICIA	ASH AZ-22 OLD	24912.4591 fts	-0.0139 fts	-0.0129 fts	0.0058 fts
DY			4515.8728 fts	0.0019 fts	0.0082 fts	0.0120 fts
DZ			-2360.5654 fts	0.0060 fts	-0.0002 fts	0.0090 fts
DX	PHOENICIA	ASH AZ-21 OLD	25187.5941 fts	-0.0164 fts	-0.0200 fts	0.0065 fts
DY			5104.4413 fts	-0.0157 fts	-0.0085 fts	0.0132 fts
DZ			-1793.9731 fts	-0.0018 fts	0.0068 fts	0.0099 fts
DX	ROND AZ-7	ROND AZ-8	358.8456 fts	0.0001 fts	-0.0003 fts	0.0075 fts
DY			557.5617 fts	-0.0012 fts	-0.0016 fts	0.0108 fts
DZ			480.8764 fts	-0.0010 fts	0.0002 fts	0.0075 fts
DX	ROND AZ-7	NEV AZ-2	-19612.7062 fts	0.0023 fts	-0.0013 fts	0.0141 fts
DY			9045.2622 fts	-0.0134 fts	-0.0383 fts	0.0230 fts
DZ			16691.8430 fts	-0.0394 fts	-0.0162 fts	0.0148 fts
DX	BOICEVILLE	EBDR AZ-28	-79525.5963 fts	0.0368 fts	0.0379 fts	0.0067 fts
DY			15195.5355 fts	0.0091 fts	0.0087 fts	0.0135 fts
DZ			41199.5363 fts	0.0128 fts	0.0095 fts	0.0155 fts
DX	BOICEVILLE	EBDR AZ-27	-80042.8256 fts	0.0126 fts	0.0196 fts	0.0068 fts
DY			15049.0240 fts	0.0274 fts	-0.0012 fts	0.0139 fts
DZ			41184.8525 fts	-0.0223 fts	-0.0320 fts	0.0162 fts
DX	BOICEVILLE	EBDR AZ-14 OLD	-102003.4847 fts	0.0483 fts	0.0401 fts	0.0061 fts
DY			8539.5148 fts	-0.0237 fts	-0.0184 fts	0.0108 fts
DZ			40512.8361 fts	0.0076 fts	0.0317 fts	0.0097 fts
DX	BOICEVILLE	EBDR AZ-13 OLD	-102160.6632 fts	0.0547 fts	0.0392 fts	0.0060 fts
DY			9055.1392 fts	-0.0496 fts	-0.0206 fts	0.0107 fts
DZ			41116.6774 fts	0.0286 fts	0.0657 fts	0.0095 fts
DX	BOICEVILLE	ASH AZ-8	-42056.6602 fts	-0.0061 fts	-0.0163 fts	0.0056 fts
DY			17210.7263 fts	-0.0383 fts	-0.0393 fts	0.0156 fts
DZ			31614.6943 fts	-0.0212 fts	0.0120 fts	0.0132 fts
DX	BOICEVILLE	ASH AZ-7	-42603.4565 fts	0.0012 fts	0.0002 fts	0.0059 fts
DY			17539.7018 fts	-0.0033 fts	-0.0275 fts	0.0174 fts
DZ			32157.9873 fts	-0.0339 fts	-0.0201 fts	0.0140 fts
DX	BOICEVILLE	ASH AZ-5 OLD	-63515.6857 fts	0.0370 fts	0.0397 fts	0.0070 fts
DY			14203.8494 fts	0.0153 fts	-0.0276 fts	0.0169 fts
DZ			35411.7011 fts	-0.0414 fts	-0.0312 fts	0.0127 fts
DX	BOICEVILLE	ASH AZ-4	-52516.0139 fts	-0.0168 fts	0.0094 fts	0.0166 fts
DY			9540.4217 fts	0.0944 fts	-0.0028 fts	0.0235 fts
DZ			26763.9713 fts	-0.0896 fts	-0.1308 fts	0.0193 fts
DX	BOICEVILLE	ASH AZ-30 OLD	-407.6169 fts	-0.0036 fts	-0.0016 fts	0.0062 fts
DY			-9223.4613 fts	0.0071 fts	0.0031 fts	0.0175 fts
DZ			-9751.5711 fts	-0.0029 fts	-0.0077 fts	0.0121 fts
DX	BOICEVILLE	ASH AZ-3	-53032.5917 fts	0.0026 fts	0.0105 fts	0.0134 fts
DY			9526.4849 fts	0.0295 fts	-0.0190 fts	0.0196 fts
DZ			26907.6446 fts	-0.0505 fts	-0.0544 fts	0.0148 fts

DX	BOICEVILLE	ASH AZ-29 OLD	-574.6905 fts	0.0020 fts	0.0031 fts	0.0056 fts
DY			-8754.6262 fts	0.0041 fts	-0.0024 fts	0.0143 fts
DZ			-9195.7701 fts	-0.0063 fts	-0.0067 fts	0.0104 fts
DX	BOICEVILLE	ASH AZ-28	-302.8442 fts	-0.0043 fts	-0.0048 fts	0.0038 fts
DY			499.6927 fts	-0.0024 fts	0.0016 fts	0.0068 fts
DZ			650.9100 fts	0.0032 fts	0.0030 fts	0.0072 fts
DX	BOICEVILLE	ASH AZ-27	9.4080 fts	0.0009 fts	0.0013 fts	0.0039 fts
DY			12.9365 fts	0.0017 fts	-0.0053 fts	0.0070 fts
DZ			10.0693 fts	-0.0084 fts	-0.0067 fts	0.0072 fts
DX	BOICEVILLE	ASH AZ-26 OLD	-4376.7120 fts	-0.0088 fts	-0.0119 fts	0.0038 fts
DY			6081.4929 fts	-0.0126 fts	0.0087 fts	0.0064 fts
DZ			7907.2172 fts	0.0205 fts	0.0210 fts	0.0073 fts
DX	BOICEVILLE	ASH AZ-25 OLD	-4106.3208 fts	0.0076 fts	0.0070 fts	0.0037 fts
DY			5819.7969 fts	-0.0012 fts	-0.0059 fts	0.0063 fts
DZ			7543.8042 fts	-0.0051 fts	-0.0010 fts	0.0072 fts
DX	BOICEVILLE	ASH AZ-24	16270.8785 fts	0.0056 fts	0.0016 fts	0.0109 fts
DY			20071.6212 fts	-0.0140 fts	-0.0103 fts	0.0231 fts
DZ			17267.4969 fts	-0.0003 fts	0.0110 fts	0.0219 fts
DX	BOICEVILLE	ASH AZ-23	17226.4825 fts	0.0031 fts	-0.0027 fts	0.0107 fts
DY			20148.0602 fts	-0.0210 fts	-0.0095 fts	0.0220 fts
DZ			17041.7725 fts	0.0062 fts	0.0198 fts	0.0202 fts
DX	BOICEVILLE	ASH AZ-22 OLD	6567.4730 fts	0.0105 fts	0.0092 fts	0.0053 fts
DY			18429.6742 fts	-0.0032 fts	0.0013 fts	0.0110 fts
DZ			18319.2707 fts	0.0071 fts	0.0091 fts	0.0085 fts
DX	BOICEVILLE	ASH AZ-21 OLD	6842.6080 fts	-0.0009 fts	-0.0026 fts	0.0060 fts
DY			19018.2427 fts	-0.0063 fts	-0.0063 fts	0.0123 fts
DZ			18885.8630 fts	-0.0032 fts	0.0022 fts	0.0094 fts
DX	BOICEVILLE	ASH AZ-20	-14893.6806 fts	-0.0101 fts	-0.0085 fts	0.0050 fts
DY			11131.8769 fts	0.0047 fts	0.0262 fts	0.0121 fts
DZ			16563.9924 fts	0.0288 fts	0.0139 fts	0.0105 fts
DX	BOICEVILLE	ASH AZ-19	-14869.4441 fts	-0.0086 fts	-0.0064 fts	0.0049 fts
DY			11509.1494 fts	0.0071 fts	0.0279 fts	0.0120 fts
DZ			16962.6912 fts	0.0292 fts	0.0127 fts	0.0103 fts
DX	BOICEVILLE	ASH AZ-18	-18268.0621 fts	0.0071 fts	0.0084 fts	0.0114 fts
DY			13957.6149 fts	0.0059 fts	-0.0175 fts	0.0200 fts
DZ			20690.1299 fts	-0.0269 fts	-0.0208 fts	0.0134 fts
DX	BOICEVILLE	ASH AZ-17	-17982.2506 fts	-0.0095 fts	-0.0028 fts	0.0125 fts
DY			14422.7860 fts	0.0233 fts	0.0050 fts	0.0217 fts
DZ			21090.7433 fts	-0.0158 fts	-0.0292 fts	0.0151 fts
DX	BOICEVILLE	ASH AZ-16	-14803.4025 fts	-0.0029 fts	0.0014 fts	0.0065 fts
DY			19861.7865 fts	0.0155 fts	0.0269 fts	0.0122 fts

DZ			26279.6755 fts	0.0220 fts	0.0031 fts	0.0103 fts
DX	BOICEVILLE	ASH AZ-15	-15331.9136 fts	-0.0007 fts	0.0048 fts	0.0070 fts
DY			19624.0648 fts	0.0201 fts	0.0258 fts	0.0131 fts
DZ			26157.4922 fts	0.0171 fts	-0.0031 fts	0.0109 fts
DX	BOICEVILLE	ASH AZ-14	-7209.0237 fts	-0.0173 fts	-0.0132 fts	0.0101 fts
DY			28855.0346 fts	0.0125 fts	-0.0016 fts	0.0174 fts
DZ			33977.6156 fts	-0.0172 fts	-0.0239 fts	0.0183 fts
DX	BOICEVILLE	ASH AZ-13	-6485.8650 fts	-0.0253 fts	-0.0195 fts	0.0085 fts
DY			29255.0176 fts	0.0182 fts	-0.0001 fts	0.0131 fts
DZ			34222.5300 fts	-0.0221 fts	-0.0329 fts	0.0154 fts
DX	BOICEVILLE	ASH AZ-12 OLD	-32555.3133 fts	0.0194 fts	0.0132 fts	0.0078 fts
DY			18321.6759 fts	-0.0201 fts	-0.0346 fts	0.0217 fts
DZ			29833.2152 fts	-0.0243 fts	0.0020 fts	0.0164 fts
DX	BOICEVILLE	ASH AZ-11 OLD	-33226.9277 fts	0.0194 fts	0.0112 fts	0.0082 fts
DY			18207.2546 fts	-0.0278 fts	-0.0553 fts	0.0163 fts
DZ			29917.7202 fts	-0.0457 fts	-0.0068 fts	0.0151 fts
DX	BOICEVILLE	ASH AZ-1	-49483.2684 fts	0.0071 fts	0.0169 fts	0.0130 fts
DY			-4495.6302 fts	0.0373 fts	-0.0037 fts	0.0214 fts
DZ			11423.3172 fts	-0.0356 fts	-0.0490 fts	0.0223 fts
DX	ANDES	WBDR AZ-8	-84545.6628 fts	-0.0054 fts	0.0007 fts	0.0078 fts
DY			-17046.8421 fts	0.0227 fts	-0.0116 fts	0.0118 fts
DZ			5334.7550 fts	-0.0368 fts	-0.0420 fts	0.0104 fts
DX	ANDES	WBDR AZ-7	-84709.1900 fts	0.0078 fts	0.0139 fts	0.0084 fts
DY			-17748.2414 fts	0.0240 fts	-0.0273 fts	0.0124 fts
DZ			4597.5537 fts	-0.0560 fts	-0.0533 fts	0.0108 fts
DX	ANDES	WBDR AZ-6	-94004.4649 fts	-0.0186 fts	0.0044 fts	0.0096 fts
DY			-22285.3986 fts	0.0850 fts	0.0156 fts	0.0149 fts
DZ			2670.1430 fts	-0.0576 fts	-0.1031 fts	0.0124 fts
DX	ANDES	WBDR AZ-4	-86251.8077 fts	-0.0051 fts	0.0087 fts	0.0054 fts
DY			-26346.7656 fts	0.0519 fts	0.0152 fts	0.0112 fts
DZ			-4298.3824 fts	-0.0261 fts	-0.0556 fts	0.0115 fts
DX	ANDES	WBDR AZ-30	30850.8869 fts	-0.0605 fts	-0.0492 fts	0.0060 fts
DY			64046.8017 fts	0.0352 fts	-0.0198 fts	0.0112 fts
DZ			58902.8885 fts	-0.0719 fts	-0.0852 fts	0.0111 fts
DX	ANDES	WBDR AZ-3	-86441.8344 fts	-0.0106 fts	0.0041 fts	0.0061 fts
DY			-26734.6350 fts	0.0549 fts	0.0192 fts	0.0127 fts
DZ			-4654.5231 fts	-0.0245 fts	-0.0578 fts	0.0132 fts
DX	ANDES	WBDR AZ-28	22138.2524 fts	-0.0064 fts	0.0117 fts	0.0067 fts
DY			53493.9266 fts	0.0681 fts	0.0123 fts	0.0129 fts
DZ			50072.1653 fts	-0.0445 fts	-0.0798 fts	0.0110 fts
DX	ANDES	WBDR AZ-27	21593.8341 fts	-0.0121 fts	-0.0017 fts	0.0079 fts
DY			53201.5559 fts	0.0381 fts	-0.0295 fts	0.0152 fts

DZ			49906.2071 fts	-0.0760 fts	-0.0807 fts	0.0129 fts
DX	ANDES	WBDR AZ-26	10877.0080 fts	0.0047 fts	0.0163 fts	0.0075 fts
DY			43515.9812 fts	0.0448 fts	-0.0053 fts	0.0135 fts
DZ			42601.7943 fts	-0.0452 fts	-0.0615 fts	0.0141 fts
DX	ANDES	WBDR AZ-24	-14368.3332 fts	-0.0163 fts	-0.0054 fts	0.0053 fts
DY			30163.5709 fts	0.0397 fts	0.0204 fts	0.0113 fts
DZ			35613.2325 fts	-0.0111 fts	-0.0390 fts	0.0109 fts
DX	ANDES	WBDR AZ-23	-15240.4266 fts	-0.0187 fts	-0.0090 fts	0.0051 fts
DY			29731.2995 fts	0.0344 fts	0.0154 fts	0.0107 fts
DZ			35377.5267 fts	-0.0137 fts	-0.0374 fts	0.0105 fts
DX	ANDES	WBDR AZ-2	-92369.5361 fts	-0.0191 fts	-0.0112 fts	0.0064 fts
DY			-31619.8117 fts	0.0276 fts	-0.0154 fts	0.0111 fts
DZ			-8215.8281 fts	-0.0494 fts	-0.0566 fts	0.0108 fts
DX	ANDES	WBDR AZ-18	-2341.1412 fts	-0.0011 fts	0.0047 fts	0.0080 fts
DY			18368.3426 fts	0.0220 fts	0.0052 fts	0.0128 fts
DZ			19943.0972 fts	-0.0125 fts	-0.0243 fts	0.0110 fts
DX	ANDES	WBDR AZ-17	-1932.3761 fts	-0.0006 fts	0.0041 fts	0.0085 fts
DY			18790.6055 fts	0.0177 fts	0.0054 fts	0.0134 fts
DZ			20301.8607 fts	-0.0084 fts	-0.0184 fts	0.0115 fts
DX	ANDES	WBDR AZ-10	-80969.9425 fts	-0.0355 fts	-0.0110 fts	0.0140 fts
DY			-22715.2606 fts	0.0886 fts	0.0292 fts	0.0304 fts
DZ			-1821.6571 fts	-0.0465 fts	-0.1015 fts	0.0213 fts
DX	ANDES	WBDR AZ-1	-93238.9638 fts	-0.0106 fts	-0.0049 fts	0.0068 fts
DY			-32125.6624 fts	0.0203 fts	-0.0040 fts	0.0118 fts
DZ			-8486.7377 fts	-0.0257 fts	-0.0338 fts	0.0117 fts
DX	ANDES	EBDR AZ- 8	30217.3481 fts	0.0139 fts	0.0222 fts	0.0065 fts
DY			-494.1919 fts	0.0332 fts	0.0148 fts	0.0122 fts
DZ			-9936.2623 fts	-0.0057 fts	-0.0248 fts	0.0097 fts
DX	ANDES	EBDR AZ- 7 OLD	29930.6090 fts	0.0081 fts	0.0118 fts	0.0086 fts
DY			-884.3910 fts	0.0151 fts	0.0092 fts	0.0151 fts
DZ			-10290.9333 fts	0.0011 fts	-0.0085 fts	0.0120 fts
DX	ANDES	EBDR AZ- 4	3364.8981 fts	0.0030 fts	-0.0013 fts	0.0084 fts
DY			1848.0400 fts	-0.0163 fts	-0.0050 fts	0.0137 fts
DZ			662.7229 fts	0.0082 fts	0.0177 fts	0.0138 fts
DX	ANDES	EBDR AZ- 22	55070.4301 fts	0.0255 fts	0.0118 fts	0.0073 fts
DY			42089.8524 fts	-0.0490 fts	-0.0285 fts	0.0180 fts
DZ			28183.4672 fts	0.0105 fts	0.0471 fts	0.0140 fts
DX	ANDES	EBDR AZ- 21	54900.3423 fts	0.0174 fts	0.0105 fts	0.0080 fts
DY			41607.3246 fts	-0.0241 fts	-0.0091 fts	0.0182 fts
DZ			27717.9569 fts	0.0129 fts	0.0293 fts	0.0150 fts
DX	ANDES	EBDR AZ- 2	2676.2679 fts	-0.0011 fts	-0.0049 fts	0.0052 fts

DY			-4563.4602 fts	-0.0145 fts	0.0026 fts	0.0075 fts
DZ			-6012.4047 fts	0.0159 fts	0.0208 fts	0.0069 fts
DX	ANDES	EBDR AZ-18	51941.3858 fts	0.0031 fts	0.0050 fts	0.0066 fts
DY			20625.4743 fts	0.0076 fts	0.0539 fts	0.0100 fts
DZ			6387.6652 fts	0.0668 fts	0.0400 fts	0.0102 fts
DX	ANDES	EBDR AZ-17	51388.8886 fts	-0.0326 fts	-0.0145 fts	0.0090 fts
DY			20328.4670 fts	0.0647 fts	0.0214 fts	0.0108 fts
DZ			6211.0853 fts	-0.0355 fts	-0.0764 fts	0.0108 fts
DX	ANDES	EBDR AZ-15	52805.6752 fts	0.0036 fts	0.0049 fts	0.0063 fts
DY			14706.2300 fts	0.0053 fts	0.0324 fts	0.0099 fts
DZ			-366.7820 fts	0.0400 fts	0.0238 fts	0.0089 fts
DX	ANDES	EBDR AZ-12	48063.7799 fts	-0.0213 fts	-0.0007 fts	0.0099 fts
DY			3768.4449 fts	0.0756 fts	0.0464 fts	0.0203 fts
DZ			-10642.2891 fts	-0.0085 fts	-0.0639 fts	0.0149 fts
DX	ANDES	EBDR AZ-1	2384.8026 fts	-0.0016 fts	-0.0057 fts	0.0049 fts
DY			-4872.4823 fts	-0.0161 fts	0.0032 fts	0.0071 fts
DZ			-6322.6692 fts	0.0180 fts	0.0234 fts	0.0063 fts
DX	MARGARETVILLE	WBDR AZ-18	-45294.4294 fts	-0.0239 fts	-0.0299 fts	0.0084 fts
DY			15502.2159 fts	-0.0259 fts	-0.0311 fts	0.0136 fts
DZ			30127.9854 fts	-0.0251 fts	-0.0031 fts	0.0118 fts
DX	MARGARETVILLE	WBDR AZ-17	-44885.6642 fts	-0.0126 fts	-0.0181 fts	0.0088 fts
DY			15924.4788 fts	-0.0227 fts	-0.0143 fts	0.0142 fts
DZ			30486.7489 fts	-0.0025 fts	0.0121 fts	0.0123 fts
DX	MARGARETVILLE	EBDR AZ-9	138.2940 fts	0.0121 fts	0.0101 fts	0.0034 fts
DY			165.2868 fts	-0.0060 fts	-0.0060 fts	0.0063 fts
DZ			148.5965 fts	0.0001 fts	0.0067 fts	0.0066 fts
DX	MARGARETVILLE	EBDR AZ-8	-12735.9400 fts	0.0043 fts	0.0044 fts	0.0062 fts
DY			-3360.3185 fts	0.0009 fts	0.0034 fts	0.0117 fts
DZ			248.6259 fts	0.0048 fts	0.0034 fts	0.0093 fts
DX	MARGARETVILLE	EBDR AZ-7 OLD	-13022.6791 fts	-0.0054 fts	-0.0008 fts	0.0084 fts
DY			-3750.5177 fts	0.0168 fts	0.0111 fts	0.0147 fts
DZ			-106.0451 fts	-0.0010 fts	-0.0137 fts	0.0117 fts
DX	MARGARETVILLE	EBDR AZ-6	-11109.4820 fts	0.0109 fts	0.0083 fts	0.0045 fts
DY			-8272.1839 fts	-0.0085 fts	-0.0050 fts	0.0108 fts
DZ			-5560.6576 fts	0.0032 fts	0.0104 fts	0.0081 fts
DX	MARGARETVILLE	EBDR AZ-5	-10526.0955 fts	0.0101 fts	0.0086 fts	0.0045 fts
DY			-8325.2809 fts	-0.0044 fts	-0.0026 fts	0.0106 fts
DZ			-5792.9741 fts	0.0028 fts	0.0070 fts	0.0080 fts
DX	MARGARETVILLE	EBDR AZ-28	28783.2189 fts	-0.0146 fts	-0.0162 fts	0.0060 fts
DY			9527.1197 fts	-0.0079 fts	-0.0145 fts	0.0120 fts
DZ			1962.5449 fts	-0.0161 fts	-0.0080 fts	0.0144 fts
DX	MARGARETVILLE	EBDR AZ-	28265.9896 fts	-0.0087 fts	-0.0082 fts	0.0061 fts

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DY			9380.6082 fts	0.0009 fts	-0.0112 fts	0.0124 fts
DZ			1947.8611 fts	-0.0179 fts	-0.0144 fts	0.0151 fts
DX	MARGARETVILLE	EBDR AZ-26	22342.5289 fts	0.0130 fts	0.0088 fts	0.0047 fts
DY			8877.4595 fts	-0.0141 fts	-0.0124 fts	0.0091 fts
DZ			3102.6963 fts	-0.0013 fts	0.0118 fts	0.0093 fts
DX	MARGARETVILLE	EBDR AZ-25 OLD	22888.4569 fts	0.0178 fts	0.0128 fts	0.0068 fts
DY			8873.8122 fts	-0.0166 fts	0.0033 fts	0.0127 fts
DZ			2941.0524 fts	0.0232 fts	0.0309 fts	0.0136 fts
DX	MARGARETVILLE	EBDR AZ-24	19302.7219 fts	-0.0052 fts	-0.0031 fts	0.0053 fts
DY			393.7763 fts	0.0073 fts	0.0092 fts	0.0101 fts
DZ			-4943.8814 fts	0.0048 fts	-0.0030 fts	0.0083 fts
DX	MARGARETVILLE	EBDR AZ-23	18565.6251 fts	0.0001 fts	0.0011 fts	0.0056 fts
DY			464.0324 fts	0.0038 fts	0.0114 fts	0.0107 fts
DZ			-4677.3637 fts	0.0121 fts	0.0054 fts	0.0089 fts
DX	MARGARETVILLE	EBDR AZ-22	12117.1420 fts	0.0135 fts	0.0028 fts	0.0070 fts
DY			39223.7257 fts	-0.0388 fts	-0.0262 fts	0.0177 fts
DZ			38368.3554 fts	0.0018 fts	0.0317 fts	0.0137 fts
DX	MARGARETVILLE	EBDR AZ-21	11947.0542 fts	0.0013 fts	0.0011 fts	0.0077 fts
DY			38741.1979 fts	-0.0005 fts	0.0055 fts	0.0179 fts
DZ			37902.8451 fts	0.0081 fts	0.0061 fts	0.0147 fts
DX	MARGARETVILLE	EBDR AZ-20	15703.1292 fts	0.0100 fts	0.0145 fts	0.0062 fts
DY			20028.2551 fts	0.0183 fts	0.0131 fts	0.0149 fts
DZ			17170.2139 fts	0.0041 fts	-0.0084 fts	0.0101 fts
DX	MARGARETVILLE	EBDR AZ-2	-40277.0202 fts	0.0196 fts	0.0139 fts	0.0055 fts
DY			-7429.5869 fts	-0.0190 fts	0.0112 fts	0.0082 fts
DZ			4172.4835 fts	0.0364 fts	0.0418 fts	0.0075 fts
DX	MARGARETVILLE	EBDR AZ-19	16454.3381 fts	0.0191 fts	0.0190 fts	0.0056 fts
DY			20261.3044 fts	0.0021 fts	-0.0004 fts	0.0134 fts
DZ			17286.3105 fts	0.0022 fts	0.0037 fts	0.0096 fts
DX	MARGARETVILLE	EBDR AZ-18	8988.0977 fts	-0.0030 fts	-0.0019 fts	0.0059 fts
DY			17759.3477 fts	0.0039 fts	0.0060 fts	0.0086 fts
DZ			16572.5534 fts	0.0040 fts	-0.0007 fts	0.0091 fts
DX	MARGARETVILLE	EBDR AZ-17	8435.6005 fts	0.0014 fts	-0.0014 fts	0.0086 fts
DY			17462.3403 fts	-0.0105 fts	0.0101 fts	0.0097 fts
DZ			16395.9736 fts	0.0231 fts	0.0233 fts	0.0099 fts
DX	MARGARETVILLE	EBDR AZ-16 OLD	9718.8956 fts	-0.0295 fts	-0.0246 fts	0.0072 fts
DY			12430.0293 fts	0.0146 fts	0.0057 fts	0.0100 fts
DZ			10489.9095 fts	-0.0121 fts	-0.0243 fts	0.0088 fts
DX	MARGARETVILLE	EBDR AZ-15	9852.3871 fts	-0.0344 fts	-0.0276 fts	0.0055 fts
DY			11840.1034 fts	0.0215 fts	0.0060 fts	0.0083 fts
DZ			9818.1062 fts	-0.0189 fts	-0.0347 fts	0.0074 fts

DX	MARGARETVILLE	EBDR AZ-14 OLD	6305.3305 fts	-0.0025 fts	-0.0029 fts	0.0050 fts
DY			2871.0990 fts	-0.0018 fts	-0.0040 fts	0.0081 fts
DZ			1275.8448 fts	-0.0045 fts	-0.0023 fts	0.0072 fts
DX	MARGARETVILLE	EBDR AZ-13 OLD	6148.1521 fts	-0.0104 fts	-0.0079 fts	0.0050 fts
DY			3386.7233 fts	0.0080 fts	-0.0056 fts	0.0079 fts
DZ			1879.6861 fts	-0.0170 fts	-0.0192 fts	0.0070 fts
DX	MARGARETVILLE	EBDR AZ-12	5110.4918 fts	-0.0167 fts	-0.0161 fts	0.0093 fts
DY			902.3182 fts	0.0002 fts	0.0075 fts	0.0193 fts
DZ			-457.4008 fts	0.0058 fts	0.0005 fts	0.0137 fts
DX	MARGARETVILLE	EBDR AZ-11	5801.4780 fts	-0.0152 fts	-0.0157 fts	0.0074 fts
DY			1073.2740 fts	-0.0041 fts	0.0082 fts	0.0154 fts
DZ			-502.2513 fts	0.0111 fts	0.0073 fts	0.0103 fts
DX	MARGARETVILLE	EBDR AZ-10	-190.0864 fts	0.0126 fts	0.0106 fts	0.0034 fts
DY			-175.2084 fts	-0.0060 fts	-0.0083 fts	0.0063 fts
DZ			-133.1612 fts	-0.0030 fts	0.0048 fts	0.0067 fts
DX	MARGARETVILLE	EBDR AZ-1	-40568.4855 fts	0.0187 fts	0.0142 fts	0.0051 fts
DY			-7738.6090 fts	-0.0144 fts	0.0111 fts	0.0078 fts
DZ			3862.2190 fts	0.0320 fts	0.0354 fts	0.0071 fts
DX	MARGARETVILLE	ASH AZ-8	66252.1551 fts	0.0006 fts	0.0082 fts	0.0056 fts
DY			11542.3104 fts	0.0287 fts	0.0248 fts	0.0158 fts
DZ			-7622.2971 fts	0.0086 fts	-0.0146 fts	0.0133 fts
DX	MARGARETVILLE	ASH AZ-7	65705.3587 fts	0.0096 fts	0.0233 fts	0.0061 fts
DY			11871.2860 fts	0.0528 fts	0.0216 fts	0.0177 fts
DZ			-7079.0041 fts	-0.0147 fts	-0.0457 fts	0.0144 fts
DX	MARGARETVILLE	ASH AZ-6 OLD	45173.1182 fts	-0.0441 fts	-0.0569 fts	0.0080 fts
DY			8349.1617 fts	-0.0545 fts	-0.0013 fts	0.0209 fts
DZ			-4146.6666 fts	0.0352 fts	0.0540 fts	0.0146 fts
DX	MARGARETVILLE	ASH AZ-5 OLD	44793.1296 fts	-0.0319 fts	-0.0416 fts	0.0067 fts
DY			8535.4336 fts	-0.0412 fts	-0.0098 fts	0.0163 fts
DZ			-3825.2902 fts	0.0152 fts	0.0334 fts	0.0119 fts
DX	MARGARETVILLE	ASH AZ-3	55276.2236 fts	0.0117 fts	0.0230 fts	0.0132 fts
DY			3858.0691 fts	0.0445 fts	0.0214 fts	0.0190 fts
DZ			-12329.3467 fts	-0.0072 fts	-0.0343 fts	0.0141 fts
DX	MARGARETVILLE	ASH AZ-23	125535.2977 fts	0.0009 fts	0.0061 fts	0.0112 fts
DY			14479.6443 fts	0.0200 fts	0.0026 fts	0.0230 fts
DZ			-22195.2189 fts	-0.0138 fts	-0.0234 fts	0.0211 fts
DX	MARGARETVILLE	ASH AZ-18	90040.7532 fts	0.0156 fts	0.0219 fts	0.0115 fts
DY			8289.1990 fts	0.0257 fts	0.0128 fts	0.0202 fts
DZ			-18546.8615 fts	-0.0014 fts	-0.0163 fts	0.0136 fts
DX	MARGARETVILLE	ASH AZ-17	90326.5647 fts	0.0127 fts	0.0120 fts	0.0125 fts
DY			8754.3702 fts	-0.0008 fts	0.0054 fts	0.0219 fts
DZ			-18146.2481 fts	0.0111 fts	0.0105 fts	0.0154 fts
DX	MARGARETVILLE	ASH AZ-16	93505.4127 fts	-0.0029 fts	-0.0042 fts	0.0069 fts

DY			14193.3706 fts	-0.0053 fts	-0.0291 fts	0.0132 fts
DZ			-12957.3159 fts	-0.0354 fts	-0.0205 fts	0.0113 fts
DX	MARGARETVILLE	ASH AZ-15	92976.9016 fts	-0.0021 fts	-0.0092 fts	0.0073 fts
DY			13955.6489 fts	-0.0270 fts	-0.0367 fts	0.0140 fts
DZ			-13079.4992 fts	-0.0265 fts	0.0011 fts	0.0118 fts
DX	MARGARETVILLE	ASH AZ-14	101099.7916 fts	0.0261 fts	0.0404 fts	0.0103 fts
DY			23186.6188 fts	0.0571 fts	0.0219 fts	0.0177 fts
DZ			-5259.3758 fts	-0.0139 fts	-0.0450 fts	0.0186 fts
DX	MARGARETVILLE	ASH AZ-13	101822.9502 fts	0.0181 fts	0.0284 fts	0.0086 fts
DY			23586.6018 fts	0.0413 fts	0.0127 fts	0.0135 fts
DZ			-5014.4613 fts	-0.0146 fts	-0.0358 fts	0.0156 fts
DX	DELHI	WBDR AZ-22	3367.0219 fts	0.0009 fts	0.0004 fts	0.0037 fts
DY			2642.7581 fts	-0.0018 fts	0.0021 fts	0.0081 fts
DZ			1560.7179 fts	0.0046 fts	0.0045 fts	0.0082 fts
DX	DELHI	WBDR AZ-21	3659.0395 fts	0.0024 fts	0.0017 fts	0.0034 fts
DY			3024.6761 fts	-0.0025 fts	0.0010 fts	0.0073 fts
DZ			1879.5704 fts	0.0040 fts	0.0049 fts	0.0073 fts
DX	DELHI	WBDR AZ-20	1490.3050 fts	0.0115 fts	0.0092 fts	0.0073 fts
DY			131.6569 fts	-0.0074 fts	0.0016 fts	0.0141 fts
DZ			-578.1911 fts	0.0114 fts	0.0152 fts	0.0093 fts
DX	DELHI	WBDR AZ-19 OLD	1134.1496 fts	-0.0056 fts	-0.0049 fts	0.0075 fts
DY			775.5919 fts	0.0023 fts	0.0037 fts	0.0144 fts
DZ			234.7604 fts	0.0016 fts	-0.0017 fts	0.0094 fts
DX	DELHI	WBDR AZ-16 OLD	-9298.7090 fts	-0.0021 fts	-0.0021 fts	0.0053 fts
DY			-18131.3873 fts	-0.0004 fts	-0.0103 fts	0.0081 fts
DZ			-17027.2312 fts	-0.0140 fts	-0.0096 fts	0.0093 fts
DX	DELHI	WBDR AZ-15	-8817.3197 fts	0.0009 fts	0.0024 fts	0.0052 fts
DY			-18392.9092 fts	0.0057 fts	-0.0058 fts	0.0080 fts
DZ			-17433.8873 fts	-0.0127 fts	-0.0124 fts	0.0092 fts
DX	DELHI	WBDR AZ-14	-12759.3276 fts	-0.0148 fts	-0.0117 fts	0.0060 fts
DY			-24686.8131 fts	0.0100 fts	-0.0045 fts	0.0101 fts
DZ			-23049.6033 fts	-0.0184 fts	-0.0224 fts	0.0090 fts
DX	DELHI	WBDR AZ-13	-13267.8485 fts	-0.0153 fts	-0.0108 fts	0.0062 fts
DY			-24341.8087 fts	0.0155 fts	-0.0015 fts	0.0104 fts
DZ			-22509.3421 fts	-0.0192 fts	-0.0269 fts	0.0092 fts
DX	DELHI	WBDR AZ-12	-31996.6297 fts	0.0061 fts	0.0107 fts	0.0071 fts
DY			-11507.3006 fts	0.0186 fts	0.0057 fts	0.0171 fts
DZ			-2967.2971 fts	-0.0071 fts	-0.0169 fts	0.0155 fts
DX	DELHI	WBDR AZ-11	-31373.4107 fts	0.0101 fts	0.0131 fts	0.0091 fts
DY			-12262.6912 fts	0.0128 fts	0.0220 fts	0.0234 fts

DZ			-3981.1069 fts	0.0209 fts	0.0069 fts	0.0213 fts
DX	WBDR AZ-20	WBDR AZ-19 OLD	-356.1553 fts	-0.0142 fts	-0.0136 fts	0.0076 fts
DY			643.9349 fts	0.0004 fts	0.0005 fts	0.0138 fts
DZ			812.9515 fts	-0.0030 fts	-0.0050 fts	0.0089 fts
DX	SUNDOWN	ROND AZ- 8	496.9806 fts	-0.0015 fts	-0.0014 fts	0.0071 fts
DY			2001.8774 fts	0.0003 fts	-0.0025 fts	0.0103 fts
DZ			2002.8192 fts	-0.0039 fts	-0.0031 fts	0.0072 fts
DX	SUNDOWN	ROND AZ- 7	138.1349 fts	0.0002 fts	0.0003 fts	0.0070 fts
DY			1444.3157 fts	0.0002 fts	-0.0027 fts	0.0101 fts
DZ			1521.9428 fts	-0.0037 fts	-0.0026 fts	0.0072 fts
DX	SUNDOWN	ROND AZ- 6	-7593.3072 fts	0.0032 fts	-0.0007 fts	0.0058 fts
DY			-4439.1583 fts	-0.0140 fts	0.0011 fts	0.0126 fts
DZ			-2419.3391 fts	0.0144 fts	0.0203 fts	0.0090 fts
DX	SUNDOWN	ROND AZ- 5	-7623.6360 fts	0.0007 fts	-0.0006 fts	0.0059 fts
DY			-3957.9452 fts	-0.0047 fts	0.0062 fts	0.0132 fts
DZ			-1907.4253 fts	0.0125 fts	0.0118 fts	0.0092 fts
DX	SUNDOWN	ROND AZ- 4	-17000.9121 fts	0.0028 fts	0.0023 fts	0.0077 fts
DY			-3410.2041 fts	-0.0014 fts	-0.0028 fts	0.0122 fts
DZ			1811.6483 fts	-0.0018 fts	0.0004 fts	0.0136 fts
DX	SUNDOWN	ROND AZ- 3	-17701.5975 fts	0.0082 fts	0.0069 fts	0.0075 fts
DY			-3660.3072 fts	-0.0040 fts	-0.0042 fts	0.0119 fts
DZ			1773.0003 fts	-0.0003 fts	0.0043 fts	0.0132 fts
DX	SUNDOWN	ROND AZ- 2	11191.1930 fts	-0.0068 fts	-0.0035 fts	0.0062 fts
DY			11781.5984 fts	0.0113 fts	-0.0014 fts	0.0108 fts
DZ			9559.1954 fts	-0.0133 fts	-0.0183 fts	0.0113 fts
DX	SUNDOWN	ROND AZ- 1	10625.7480 fts	-0.0041 fts	-0.0012 fts	0.0061 fts
DY			11814.0388 fts	0.0103 fts	-0.0024 fts	0.0109 fts
DZ			9731.4739 fts	-0.0131 fts	-0.0169 fts	0.0112 fts
DX	SUNDOWN	NEV AZ-4	-15676.4070 fts	0.0042 fts	0.0019 fts	0.0076 fts
DY			13299.6996 fts	-0.0079 fts	0.0034 fts	0.0168 fts
DZ			20196.8209 fts	0.0124 fts	0.0148 fts	0.0128 fts
DX	SUNDOWN	NEV AZ-3	-15044.0070 fts	-0.0037 fts	-0.0013 fts	0.0080 fts
DY			13599.8718 fts	0.0086 fts	0.0088 fts	0.0185 fts
DZ			20343.0462 fts	0.0034 fts	-0.0047 fts	0.0140 fts
DX	SUNDOWN	NEV AZ-2	-19474.5713 fts	-0.0093 fts	-0.0074 fts	0.0134 fts
DY			10489.5779 fts	0.0055 fts	-0.0133 fts	0.0221 fts
DZ			18213.7858 fts	-0.0248 fts	-0.0224 fts	0.0143 fts
DX	SUNDOWN	NEV AZ-1	-20094.2269 fts	-0.0192 fts	-0.0118 fts	0.0115 fts
DY			10760.1296 fts	0.0250 fts	-0.0020 fts	0.0232 fts
DZ			18707.2140 fts	-0.0288 fts	-0.0409 fts	0.0126 fts
DX	WBDR AZ-2	WBDR AZ-1	-869.4278 fts	-0.0023 fts	-0.0018 fts	0.0063 fts
DY			-505.8507 fts	0.0018 fts	-0.0023 fts	0.0107 fts
DZ			-270.9096 fts	-0.0052 fts	-0.0052 fts	0.0107 fts
		WBDR				

DX	NYON	AZ-9	16282.8188 fts	-0.0084 fts	-0.0098 fts	0.0083 fts
DY			-62107.1647 fts	-0.0067 fts	0.0019 fts	0.0175 fts
DZ			-70284.2660 fts	0.0065 fts	0.0076 fts	0.0123 fts
DX	NYON	WBDR AZ-8	13069.1624 fts	0.0039 fts	-0.0008 fts	0.0074 fts
DY			-56142.1845 fts	-0.0179 fts	0.0040 fts	0.0109 fts
DZ			-62916.3043 fts	0.0222 fts	0.0285 fts	0.0096 fts
DX	NYON	WBDR AZ-7	12905.6352 fts	0.0001 fts	0.0005 fts	0.0080 fts
DY			-56843.5839 fts	0.0013 fts	0.0006 fts	0.0116 fts
DZ			-63653.5055 fts	-0.0004 fts	-0.0011 fts	0.0100 fts
DX	NYON	WBDR AZ-6	3610.3603 fts	-0.0002 fts	0.0020 fts	0.0093 fts
DY			-61380.7411 fts	0.0084 fts	0.0191 fts	0.0142 fts
DZ			-65580.9162 fts	0.0184 fts	0.0064 fts	0.0117 fts
DX	NYON	WBDR AZ-5	4294.6073 fts	-0.0202 fts	-0.0236 fts	0.0116 fts
DY			-61780.7946 fts	-0.0157 fts	0.0054 fts	0.0164 fts
DZ			-66162.5243 fts	0.0165 fts	0.0185 fts	0.0129 fts
DX	NYON	WBDR AZ-4	11363.0175 fts	0.0038 fts	-0.0008 fts	0.0048 fts
DY			-65442.1081 fts	-0.0173 fts	0.0060 fts	0.0104 fts
DZ			-72549.4416 fts	0.0242 fts	0.0294 fts	0.0107 fts
DX	NYON	WBDR AZ-3	11172.9908 fts	-0.0003 fts	-0.0062 fts	0.0056 fts
DY			-65829.9775 fts	-0.0229 fts	0.0057 fts	0.0120 fts
DZ			-72905.5824 fts	0.0279 fts	0.0351 fts	0.0126 fts
DX	NYON	WBDR AZ-28	119753.0776 fts	0.0156 fts	0.0090 fts	0.0062 fts
DY			14398.5842 fts	-0.0236 fts	0.0163 fts	0.0122 fts
DZ			-18178.8940 fts	0.0466 fts	0.0512 fts	0.0103 fts
DX	NYON	WBDR AZ-26	108491.8332 fts	0.0220 fts	0.0105 fts	0.0071 fts
DY			4420.6387 fts	-0.0421 fts	0.0187 fts	0.0127 fts
DZ			-25649.2650 fts	0.0677 fts	0.0799 fts	0.0134 fts
DX	NYON	WBDR AZ-25	107790.7212 fts	-0.0104 fts	-0.0117 fts	0.0069 fts
DY			4343.6705 fts	-0.0068 fts	0.0055 fts	0.0131 fts
DZ			-25527.5011 fts	0.0110 fts	0.0103 fts	0.0125 fts
DX	NYON	WBDR AZ-24	83246.4920 fts	0.0008 fts	-0.0039 fts	0.0047 fts
DY			-8931.7716 fts	-0.0182 fts	0.0024 fts	0.0103 fts
DZ			-32637.8268 fts	0.0196 fts	0.0263 fts	0.0101 fts
DX	NYON	WBDR AZ-22	62446.3920 fts	-0.0027 fts	0.0013 fts	0.0049 fts
DY			-24646.4896 fts	0.0151 fts	0.0035 fts	0.0104 fts
DZ			-43437.0695 fts	-0.0093 fts	-0.0176 fts	0.0103 fts
DX	NYON	WBDR AZ-21	62738.4097 fts	-0.0147 fts	-0.0092 fts	0.0047 fts
DY			-24264.5715 fts	0.0195 fts	0.0093 fts	0.0098 fts
DZ			-43118.2170 fts	-0.0080 fts	-0.0221 fts	0.0097 fts
DX	NYON	WBDR AZ-20	60569.6752 fts	-0.0122 fts	-0.0060 fts	0.0080 fts
DY			-27157.5907 fts	0.0225 fts	-0.0095 fts	0.0156 fts
DZ			-45575.9785 fts	-0.0357 fts	-0.0424 fts	0.0113 fts

DX	NYON	WBDR AZ-2	5245.2891 fts	0.0049 fts	0.0014 fts	0.0058 fts
DY			-70715.1542 fts	-0.0129 fts	0.0051 fts	0.0103 fts
DZ			-76466.8873 fts	0.0195 fts	0.0232 fts	0.0100 fts
DX	NYON	WBDR AZ-19 OLD	60213.5198 fts	-0.0038 fts	0.0041 fts	0.0081 fts
DY			-26513.6558 fts	0.0303 fts	-0.0082 fts	0.0158 fts
DZ			-44763.0270 fts	-0.0387 fts	-0.0485 fts	0.0113 fts
DX	NYON	WBDR AZ-18	95273.6840 fts	0.0087 fts	-0.0001 fts	0.0082 fts
DY			-20726.9999 fts	-0.0331 fts	-0.0044 fts	0.0133 fts
DZ			-48307.9621 fts	0.0254 fts	0.0424 fts	0.0116 fts
DX	NYON	WBDR AZ-17	95682.4491 fts	0.0220 fts	0.0145 fts	0.0087 fts
DY			-20304.7370 fts	-0.0264 fts	0.0140 fts	0.0140 fts
DZ			-47949.1986 fts	0.0474 fts	0.0550 fts	0.0121 fts
DX	NYON	WBDR AZ-16 OLD	49780.6612 fts	0.0180 fts	0.0225 fts	0.0051 fts
DY			-45420.6350 fts	0.0198 fts	0.0097 fts	0.0082 fts
DZ			-62025.0186 fts	-0.0001 fts	-0.0108 fts	0.0093 fts
DX	NYON	WBDR AZ-15	50262.0505 fts	-0.0004 fts	-0.0021 fts	0.0048 fts
DY			-45682.1569 fts	-0.0066 fts	0.0081 fts	0.0077 fts
DZ			-62431.6747 fts	0.0167 fts	0.0159 fts	0.0088 fts
DX	NYON	WBDR AZ-14	46320.0425 fts	0.0044 fts	0.0096 fts	0.0054 fts
DY			-51976.0607 fts	0.0206 fts	0.0077 fts	0.0093 fts
DZ			-68047.3907 fts	-0.0068 fts	-0.0184 fts	0.0080 fts
DX	NYON	WBDR AZ-13	45811.5217 fts	-0.0024 fts	-0.0018 fts	0.0057 fts
DY			-51631.0564 fts	0.0020 fts	-0.0085 fts	0.0097 fts
DZ			-67507.1295 fts	-0.0138 fts	-0.0112 fts	0.0083 fts
DX	NYON	WBDR AZ-12	27082.7405 fts	0.0045 fts	-0.0030 fts	0.0066 fts
DY			-38796.5483 fts	-0.0286 fts	0.0029 fts	0.0167 fts
DZ			-47965.0845 fts	0.0303 fts	0.0417 fts	0.0150 fts
DX	NYON	WBDR AZ-11	27705.9595 fts	-0.0194 fts	-0.0294 fts	0.0089 fts
DY			-39551.9388 fts	-0.0417 fts	-0.0190 fts	0.0233 fts
DZ			-48978.8943 fts	0.0065 fts	0.0304 fts	0.0212 fts
DX	NYON	WBDR AZ-1	4375.8614 fts	0.0134 fts	0.0087 fts	0.0063 fts
DY			-71221.0048 fts	-0.0165 fts	0.0202 fts	0.0111 fts
DZ			-76737.7970 fts	0.0451 fts	0.0447 fts	0.0110 fts
DX	NYON	EBDR AZ- 8	127832.1733 fts	-0.0390 fts	-0.0336 fts	0.0063 fts
DY			-39589.5343 fts	0.0162 fts	0.0112 fts	0.0126 fts
DZ			-78187.3216 fts	-0.0083 fts	-0.0246 fts	0.0102 fts
DX	NYON	EBDR AZ- 7 OLD	127545.4342 fts	-0.0284 fts	-0.0319 fts	0.0085 fts
DY			-39979.7336 fts	-0.0173 fts	-0.0195 fts	0.0154 fts
DZ			-78541.9926 fts	-0.0178 fts	-0.0051 fts	0.0125 fts
DX	NYON	EBDR AZ-	129458.6313 fts	-0.0258 fts	-0.0095 fts	0.0049 fts

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DY			-44501.3997 fts	0.0600 fts	0.0069 fts	0.0121 fts
DZ			-83996.6051 fts	-0.0496 fts	-0.0811 fts	0.0096 fts
DX	NYON	EBDR AZ-5	130042.0178 fts	-0.0213 fts	-0.0094 fts	0.0049 fts
DY			-44554.4968 fts	0.0432 fts	-0.0079 fts	0.0119 fts
DZ			-84228.9215 fts	-0.0539 fts	-0.0712 fts	0.0095 fts
DX	NYON	EBDR AZ-3	100934.2435 fts	-0.0039 fts	-0.0011 fts	0.0096 fts
DY			-37870.8402 fts	0.0102 fts	-0.0138 fts	0.0148 fts
DZ			-68249.4262 fts	-0.0287 fts	-0.0274 fts	0.0159 fts
DX	NYON	EBDR AZ-22	152685.2554 fts	-0.0004 fts	-0.0093 fts	0.0069 fts
DY			2994.5099 fts	-0.0345 fts	-0.0220 fts	0.0179 fts
DZ			-40067.5920 fts	0.0005 fts	0.0248 fts	0.0139 fts
DX	NYON	EBDR AZ-21	152515.1675 fts	-0.0131 fts	-0.0083 fts	0.0077 fts
DY			2511.9821 fts	0.0168 fts	0.0165 fts	0.0181 fts
DZ			-40533.1023 fts	0.0044 fts	-0.0115 fts	0.0149 fts
DX	NYON	EBDR AZ-2	100291.0931 fts	-0.0169 fts	-0.0077 fts	0.0053 fts
DY			-43658.8027 fts	0.0335 fts	0.0095 fts	0.0084 fts
DZ			-74263.4640 fts	-0.0207 fts	-0.0410 fts	0.0077 fts
DX	NYON	EBDR AZ-17	149003.7138 fts	-0.0181 fts	-0.0154 fts	0.0087 fts
DY			-18766.8755 fts	0.0083 fts	-0.0251 fts	0.0108 fts
DZ			-62039.9739 fts	-0.0457 fts	-0.0402 fts	0.0108 fts
DX	NYON	EBDR AZ-1	99999.6278 fts	-0.0088 fts	-0.0041 fts	0.0049 fts
DY			-43967.8248 fts	0.0171 fts	-0.0050 fts	0.0078 fts
DZ			-74573.7284 fts	-0.0239 fts	-0.0300 fts	0.0071 fts
DX	NYKT	ROND AZ-8	-120242.7278 fts	-0.0010 fts	-0.0009 fts	0.0090 fts
DY			-53674.4688 fts	0.0004 fts	-0.0081 fts	0.0140 fts
DZ			-20268.8834 fts	-0.0115 fts	-0.0082 fts	0.0109 fts
DX	NYKT	ROND AZ-7	-120601.5734 fts	-0.0204 fts	-0.0196 fts	0.0088 fts
DY			-54232.0305 fts	0.0001 fts	-0.0263 fts	0.0138 fts
DZ			-20749.7598 fts	-0.0406 fts	-0.0314 fts	0.0108 fts
DX	NYKT	ROND AZ-6	-128333.0156 fts	-0.0198 fts	-0.0181 fts	0.0078 fts
DY			-60115.5044 fts	0.0031 fts	0.0159 fts	0.0156 fts
DZ			-24691.0416 fts	0.0138 fts	0.0029 fts	0.0120 fts
DX	NYKT	ROND AZ-5	-128363.3444 fts	-0.0104 fts	-0.0040 fts	0.0079 fts
DY			-59634.2914 fts	0.0216 fts	0.0172 fts	0.0161 fts
DZ			-24179.1279 fts	0.0019 fts	-0.0163 fts	0.0122 fts
DX	NYKT	ROND AZ-4	-137740.6204 fts	0.0221 fts	0.0105 fts	0.0091 fts
DY			-59086.5502 fts	-0.0392 fts	-0.0153 fts	0.0150 fts
DZ			-20460.0543 fts	0.0188 fts	0.0452 fts	0.0154 fts
DX	NYKT	ROND AZ-2	-109548.5153 fts	0.0165 fts	0.0119 fts	0.0077 fts
DY			-43894.7477 fts	-0.0141 fts	0.0047 fts	0.0135 fts
DZ			-12712.5072 fts	0.0226 fts	0.0285 fts	0.0131 fts

DX	NYKT	ROND AZ-1	-110113.9603 fts	0.0233 fts	0.0175 fts	0.0076 fts
DY			-43862.3073 fts	-0.0180 fts	0.0061 fts	0.0135 fts
DZ			-12540.2287 fts	0.0295 fts	0.0373 fts	0.0131 fts
DX	NYKT	NEV AZ-3	-135783.7154 fts	0.0330 fts	0.0123 fts	0.0092 fts
DY			-42076.4743 fts	-0.0709 fts	-0.0543 fts	0.0202 fts
DZ			-1928.6564 fts	-0.0036 fts	0.0551 fts	0.0158 fts
DX	NYKT	EBDR AZ-28	-145553.2970 fts	0.0355 fts	0.0171 fts	0.0060 fts
DY			13468.3930 fts	-0.0622 fts	0.0011 fts	0.0124 fts
DZ			60036.0751 fts	0.0640 fts	0.0945 fts	0.0147 fts
DX	NYKT	EBDR AZ-27	-146070.5263 fts	0.0036 fts	-0.0051 fts	0.0062 fts
DY			13321.8816 fts	-0.0310 fts	-0.0041 fts	0.0127 fts
DZ			60021.3914 fts	0.0221 fts	0.0377 fts	0.0154 fts
DX	NYKT	EBDR AZ-25 OLD	-151448.0590 fts	-0.0141 fts	-0.0084 fts	0.0071 fts
DY			12815.0856 fts	0.0187 fts	0.0258 fts	0.0134 fts
DZ			61014.5826 fts	0.0150 fts	-0.0062 fts	0.0143 fts
DX	NYKT	EBDR AZ-24	-155033.7940 fts	0.0030 fts	0.0000 fts	0.0056 fts
DY			4335.0497 fts	-0.0106 fts	-0.0417 fts	0.0108 fts
DZ			53129.6489 fts	-0.0462 fts	-0.0227 fts	0.0091 fts
DX	NYKT	ASH AZ-8	-108084.3608 fts	-0.0087 fts	-0.0021 fts	0.0054 fts
DY			15483.5838 fts	0.0230 fts	-0.0104 fts	0.0155 fts
DZ			50451.2332 fts	-0.0360 fts	-0.0423 fts	0.0131 fts
DX	NYKT	ASH AZ-7	-108631.1572 fts	0.0001 fts	0.0143 fts	0.0058 fts
DY			15812.5594 fts	0.0517 fts	-0.0101 fts	0.0174 fts
DZ			50994.5261 fts	-0.0582 fts	-0.0759 fts	0.0141 fts
DX	NYKT	ASH AZ-5 OLD	-129543.3863 fts	0.0162 fts	0.0153 fts	0.0066 fts
DY			12476.7070 fts	-0.0009 fts	-0.0123 fts	0.0163 fts
DZ			54248.2400 fts	-0.0118 fts	-0.0040 fts	0.0119 fts
DX	NYKT	ASH AZ-4	-118543.7145 fts	-0.0227 fts	-0.0094 fts	0.0164 fts
DY			7813.2793 fts	0.0452 fts	0.0452 fts	0.0230 fts
DZ			45600.5102 fts	0.0160 fts	-0.0263 fts	0.0189 fts
DX	NYKT	ASH AZ-30 OLD	-66435.3176 fts	0.0358 fts	0.0377 fts	0.0067 fts
DY			-10950.6038 fts	0.0118 fts	0.0224 fts	0.0184 fts
DZ			9084.9678 fts	0.0288 fts	0.0181 fts	0.0131 fts
DX	NYKT	ASH AZ-3	-119060.2924 fts	-0.0151 fts	-0.0174 fts	0.0131 fts
DY			7799.3425 fts	-0.0105 fts	0.0139 fts	0.0190 fts
DZ			45744.1835 fts	0.0240 fts	0.0205 fts	0.0141 fts
DX	NYKT	ASH AZ-29 OLD	-66602.3912 fts	0.0063 fts	-0.0083 fts	0.0063 fts
DY			-10481.7686 fts	-0.0519 fts	-0.0314 fts	0.0154 fts
DZ			9640.7688 fts	0.0042 fts	0.0412 fts	0.0116 fts
DX	NYKT	ASH AZ-28	-66330.5449 fts	-0.0051 fts	0.0045 fts	0.0045 fts
DY			-1227.4498 fts	0.0340 fts	0.0293 fts	0.0085 fts
DZ			19487.4489 fts	0.0087 fts	-0.0196 fts	0.0086 fts
DX	NYKT	ASH AZ-27	-66018.2926 fts	0.0207 fts	0.0141 fts	0.0046 fts
DY			-1714.2060 fts	-0.0212 fts	0.0238 fts	0.0088 fts
DZ			18846.6082 fts	0.0554 fts	0.0564 fts	0.0087 fts

DX	NYKT	ASH AZ-26 OLD	-70404.4126 fts	-0.0095 fts	-0.0023 fts	0.0045 fts
DY			4354.3504 fts	0.0249 fts	0.0031 fts	0.0082 fts
DZ			26743.7561 fts	-0.0197 fts	-0.0329 fts	0.0087 fts
DX	NYKT	ASH AZ-25 OLD	-70134.0214 fts	-0.0075 fts	0.0074 fts	0.0044 fts
DY			4092.6545 fts	0.0532 fts	0.0232 fts	0.0081 fts
DZ			26380.3431 fts	-0.0166 fts	-0.0508 fts	0.0086 fts
DX	NYKT	ASH AZ-24	-49756.8222 fts	-0.0074 fts	0.0152 fts	0.0113 fts
DY			18344.4788 fts	0.0811 fts	0.0465 fts	0.0238 fts
DZ			36104.0357 fts	-0.0094 fts	-0.0658 fts	0.0225 fts
DX	NYKT	ASH AZ-23	-48801.2182 fts	-0.0174 fts	-0.0025 fts	0.0110 fts
DY			18420.9177 fts	0.0516 fts	0.0365 fts	0.0226 fts
DZ			35878.3114 fts	0.0001 fts	-0.0404 fts	0.0208 fts
DX	NYKT	ASH AZ-22 OLD	-59460.2276 fts	0.0001 fts	0.0074 fts	0.0057 fts
DY			16702.5318 fts	0.0268 fts	0.0039 fts	0.0120 fts
DZ			37155.8096 fts	-0.0179 fts	-0.0311 fts	0.0094 fts
DX	NYKT	ASH AZ-21 OLD	-59185.0926 fts	0.0182 fts	0.0210 fts	0.0065 fts
DY			17291.1002 fts	0.0128 fts	-0.0253 fts	0.0132 fts
DZ			37722.4019 fts	-0.0405 fts	-0.0325 fts	0.0104 fts
DX	NYKT	ASH AZ-20	-80921.3813 fts	0.0148 fts	0.0266 fts	0.0051 fts
DY			9404.7345 fts	0.0451 fts	0.0158 fts	0.0126 fts
DZ			35400.5313 fts	-0.0141 fts	-0.0386 fts	0.0110 fts
DX	NYKT	ASH AZ-2	-115941.4191 fts	-0.0029 fts	-0.0043 fts	0.0146 fts
DY			-5951.2673 fts	-0.0055 fts	0.0033 fts	0.0251 fts
DZ			30651.4307 fts	0.0085 fts	0.0090 fts	0.0259 fts
DX	NYKT	ASH AZ-19	-80897.1448 fts	-0.0010 fts	0.0101 fts	0.0050 fts
DY			9782.0070 fts	0.0406 fts	0.0181 fts	0.0125 fts
DZ			35799.2301 fts	-0.0109 fts	-0.0365 fts	0.0108 fts
DX	NYKT	ASH AZ-18	-84295.7627 fts	-0.0107 fts	-0.0176 fts	0.0114 fts
DY			12230.4724 fts	-0.0265 fts	0.0155 fts	0.0200 fts
DZ			39526.6687 fts	0.0411 fts	0.0443 fts	0.0135 fts
DX	NYKT	ASH AZ-17	-84009.9512 fts	-0.0117 fts	-0.0161 fts	0.0124 fts
DY			12695.6436 fts	-0.0174 fts	-0.0073 fts	0.0218 fts
DZ			39927.2822 fts	0.0024 fts	0.0116 fts	0.0152 fts
DX	NYKT	ASH AZ-16	-80831.1032 fts	0.0134 fts	0.0187 fts	0.0066 fts
DY			18134.6440 fts	0.0211 fts	-0.0173 fts	0.0128 fts
DZ			45116.2144 fts	-0.0382 fts	-0.0379 fts	0.0109 fts
DX	NYKT	ASH AZ-15	-81359.6143 fts	0.0149 fts	0.0155 fts	0.0071 fts
DY			17896.9223 fts	0.0044 fts	-0.0155 fts	0.0136 fts
DZ			44994.0310 fts	-0.0209 fts	-0.0140 fts	0.0114 fts
DX	NYKT	ASH AZ-14	-73236.7244 fts	-0.0137 fts	-0.0115 fts	0.0101 fts
DY			27127.8921 fts	0.0061 fts	0.0188 fts	0.0175 fts
DZ			52814.1545 fts	0.0166 fts	0.0039 fts	0.0184 fts

DX	NYKT	ASH AZ-13	-72513.5657 fts	0.0174 fts	0.0116 fts	0.0084 fts
DY			27527.8752 fts	-0.0185 fts	-0.0010 fts	0.0132 fts
DZ			53059.0689 fts	0.0188 fts	0.0294 fts	0.0154 fts
DX	NYKT	ASH AZ-12 OLD	-98583.0140 fts	0.0174 fts	0.0159 fts	0.0077 fts
DY			16594.5334 fts	-0.0029 fts	-0.0234 fts	0.0214 fts
DZ			48669.7541 fts	-0.0246 fts	-0.0108 fts	0.0162 fts
DX	NYKT	ASH AZ-11 OLD	-99254.6284 fts	0.0421 fts	0.0240 fts	0.0080 fts
DY			16480.1122 fts	-0.0600 fts	-0.0741 fts	0.0155 fts
DZ			48754.2591 fts	-0.0374 fts	0.0265 fts	0.0145 fts
DX	NYKT	ASH AZ-10	-113944.8254 fts	-0.0072 fts	-0.0084 fts	0.0215 fts
DY			21484.3326 fts	-0.0055 fts	-0.0101 fts	0.0385 fts
DZ			59112.4788 fts	-0.0106 fts	-0.0047 fts	0.0359 fts
DX	NYKT	ASH AZ-1	-115510.9690 fts	0.0046 fts	0.0009 fts	0.0128 fts
DY			-6222.7727 fts	-0.0126 fts	0.0021 fts	0.0209 fts
DZ			30259.8561 fts	0.0149 fts	0.0199 fts	0.0219 fts
DX	NYHS	ASH AZ-26 OLD	-120377.6038 fts	-0.0041 fts	-0.0091 fts	0.0052 fts
DY			-90289.3279 fts	-0.0181 fts	-0.0186 fts	0.0121 fts
DZ			-58522.5027 fts	-0.0104 fts	0.0051 fts	0.0121 fts
DX	NYHS	ASH AZ-25 OLD	-120107.2125 fts	-0.0012 fts	0.0013 fts	0.0051 fts
DY			-90551.0239 fts	0.0087 fts	0.0015 fts	0.0120 fts
DZ			-58885.9157 fts	-0.0059 fts	-0.0104 fts	0.0120 fts
DX	NYHS	ASH AZ-23	-98774.4093 fts	-0.0312 fts	-0.0120 fts	0.0113 fts
DY			-76222.7607 fts	0.0640 fts	0.0350 fts	0.0242 fts
DZ			-49387.9475 fts	-0.0164 fts	-0.0630 fts	0.0223 fts
DX	NYHS	ASH AZ-22 OLD	-109433.4188 fts	-0.0043 fts	-0.0144 fts	0.0062 fts
DY			-77941.1466 fts	-0.0368 fts	-0.0219 fts	0.0147 fts
DZ			-48110.4492 fts	0.0015 fts	0.0263 fts	0.0125 fts
DX	NYHS	ASH AZ-21 OLD	-109158.2837 fts	0.0087 fts	-0.0010 fts	0.0069 fts
DY			-77352.5781 fts	-0.0336 fts	-0.0450 fts	0.0158 fts
DZ			-47543.8569 fts	-0.0293 fts	0.0059 fts	0.0133 fts
DX	NYHS	ASH AZ-20	-130894.5724 fts	0.0020 fts	0.0022 fts	0.0056 fts
DY			-85238.9439 fts	0.0010 fts	-0.0292 fts	0.0150 fts
DZ			-49865.7275 fts	-0.0398 fts	-0.0270 fts	0.0134 fts
DX	NYHS	ASH AZ-19	-130870.3359 fts	-0.0132 fts	-0.0136 fts	0.0055 fts
DY			-84861.6714 fts	-0.0036 fts	-0.0226 fts	0.0149 fts
DZ			-49467.0287 fts	-0.0308 fts	-0.0209 fts	0.0133 fts
DX	NYHS	ASH AZ-16	-130804.2943 fts	0.0108 fts	-0.0036 fts	0.0071 fts
DY			-76509.0344 fts	-0.0498 fts	-0.0676 fts	0.0153 fts
DZ			-40150.0444 fts	-0.0451 fts	0.0073 fts	0.0135 fts
DX	NYHS	ASH AZ-15	-131332.8054 fts	0.0145 fts	-0.0067 fts	0.0075 fts
DY			-76746.7561 fts	-0.0735 fts	-0.0675 fts	0.0160 fts
DZ			-40272.2278 fts	-0.0234 fts	0.0395 fts	0.0139 fts

DX	NYHS	ASH AZ-14	-123209.9155 fts	-0.0132 fts	-0.0230 fts	0.0104 fts
DY			-67515.7862 fts	-0.0366 fts	0.0043 fts	0.0196 fts
DZ			-32452.1044 fts	0.0344 fts	0.0464 fts	0.0201 fts
DX	NYHS	ASH AZ-13	-122486.7568 fts	0.0269 fts	-0.0013 fts	0.0088 fts
DY			-67115.8032 fts	-0.0971 fts	-0.0292 fts	0.0160 fts
DZ			-32207.1899 fts	0.0521 fts	0.1096 fts	0.0176 fts
DX	NYHC	WBDR AZ-9	33585.3259 fts	-0.0109 fts	-0.0225 fts	0.0084 fts
DY			64361.9158 fts	-0.0472 fts	0.0038 fts	0.0179 fts
DZ			59921.9742 fts	0.0437 fts	0.0611 fts	0.0129 fts
DX	NYHC	WBDR AZ-8	30371.6695 fts	0.0066 fts	-0.0036 fts	0.0074 fts
DY			70326.8959 fts	-0.0391 fts	-0.0007 fts	0.0114 fts
DZ			67289.9359 fts	0.0346 fts	0.0525 fts	0.0101 fts
DX	NYHC	WBDR AZ-7	30208.1422 fts	0.0017 fts	-0.0026 fts	0.0080 fts
DY			69625.4965 fts	-0.0165 fts	-0.0034 fts	0.0120 fts
DZ			66552.7346 fts	0.0102 fts	0.0190 fts	0.0105 fts
DX	NYHC	WBDR AZ-6	20912.8674 fts	-0.0046 fts	-0.0013 fts	0.0093 fts
DY			65088.3394 fts	0.0125 fts	0.0063 fts	0.0146 fts
DZ			64625.3239 fts	-0.0034 fts	-0.0121 fts	0.0121 fts
DX	NYHC	WBDR AZ-5	21597.1144 fts	-0.0264 fts	-0.0279 fts	0.0116 fts
DY			64688.2859 fts	-0.0093 fts	-0.0073 fts	0.0168 fts
DZ			64043.7158 fts	-0.0077 fts	-0.0034 fts	0.0132 fts
DX	NYHC	WBDR AZ-4	28665.5246 fts	0.0089 fts	0.0002 fts	0.0049 fts
DY			61026.9723 fts	-0.0332 fts	-0.0056 fts	0.0109 fts
DZ			57656.7985 fts	0.0233 fts	0.0412 fts	0.0112 fts
DX	NYHC	WBDR AZ-3	28475.4979 fts	0.0032 fts	-0.0069 fts	0.0057 fts
DY			60639.1029 fts	-0.0393 fts	-0.0047 fts	0.0125 fts
DZ			57300.6578 fts	0.0286 fts	0.0480 fts	0.0130 fts
DX	NYHC	WBDR AZ-22	79748.8991 fts	0.0030 fts	-0.0012 fts	0.0050 fts
DY			101822.5909 fts	-0.0163 fts	-0.0141 fts	0.0107 fts
DZ			86769.1707 fts	-0.0041 fts	0.0095 fts	0.0106 fts
DX	NYHC	WBDR AZ-21	80040.9168 fts	-0.0097 fts	-0.0125 fts	0.0048 fts
DY			102204.5089 fts	-0.0122 fts	-0.0088 fts	0.0103 fts
DZ			87088.0232 fts	-0.0035 fts	0.0046 fts	0.0101 fts
DX	NYHC	WBDR AZ-20	77872.1822 fts	-0.0201 fts	-0.0221 fts	0.0080 fts
DY			99311.4897 fts	-0.0105 fts	-0.0078 fts	0.0158 fts
DZ			84630.2617 fts	-0.0059 fts	-0.0002 fts	0.0115 fts
DX	NYHC	WBDR AZ-2	22547.7962 fts	0.0100 fts	0.0008 fts	0.0059 fts
DY			55753.9263 fts	-0.0352 fts	-0.0121 fts	0.0109 fts
DZ			53739.3528 fts	0.0166 fts	0.0384 fts	0.0106 fts
DX	NYHC	WBDR AZ-19 OLD	77516.0269 fts	-0.0091 fts	-0.0092 fts	0.0081 fts

DY			99955.4246 fts	-0.0015 fts	-0.0069 fts	0.0160 fts
DZ			85443.2132 fts	-0.0101 fts	-0.0074 fts	0.0115 fts
DX	NYHC	WBDR AZ-16 OLD	67083.1683 fts	0.0327 fts	0.0312 fts	0.0052 fts
DY			81048.4455 fts	-0.0017 fts	0.0035 fts	0.0088 fts
DZ			68181.2216 fts	0.0137 fts	0.0166 fts	0.0097 fts
DX	NYHC	WBDR AZ-15	67564.5576 fts	0.0151 fts	0.0075 fts	0.0049 fts
DY			80786.9235 fts	-0.0282 fts	0.0027 fts	0.0085 fts
DZ			67774.5655 fts	0.0315 fts	0.0442 fts	0.0094 fts
DX	NYHC	WBDR AZ-14	63622.5496 fts	0.0019 fts	0.0063 fts	0.0055 fts
DY			74493.0197 fts	0.0174 fts	0.0019 fts	0.0099 fts
DZ			62158.8494 fts	-0.0122 fts	-0.0203 fts	0.0086 fts
DX	NYHC	WBDR AZ-13	63114.0288 fts	-0.0010 fts	-0.0026 fts	0.0057 fts
DY			74838.0241 fts	-0.0064 fts	-0.0170 fts	0.0103 fts
DZ			62699.1107 fts	-0.0175 fts	-0.0073 fts	0.0089 fts
DX	NYHC	WBDR AZ-12	44385.2476 fts	0.0033 fts	0.0065 fts	0.0067 fts
DY			87672.5321 fts	0.0132 fts	0.0110 fts	0.0169 fts
DZ			82241.1557 fts	0.0041 fts	-0.0062 fts	0.0153 fts
DX	NYHC	WBDR AZ-11	45008.4665 fts	-0.0224 fts	-0.0230 fts	0.0090 fts
DY			86917.1416 fts	-0.0052 fts	-0.0116 fts	0.0235 fts
DZ			81227.3459 fts	-0.0163 fts	-0.0114 fts	0.0213 fts
DX	NYHC	WBDR AZ-10	33947.3898 fts	-0.0009 fts	-0.0020 fts	0.0137 fts
DY			64658.4773 fts	-0.0044 fts	0.0157 fts	0.0303 fts
DZ			60133.5238 fts	0.0247 fts	0.0195 fts	0.0212 fts
DX	NYHC	WBDR AZ-1	21678.3684 fts	0.0234 fts	0.0113 fts	0.0064 fts
DY			55248.0756 fts	-0.0447 fts	-0.0002 fts	0.0116 fts
DZ			53468.4432 fts	0.0440 fts	0.0660 fts	0.0115 fts
DX	NYHC	EBDR AZ- 3	118236.7505 fts	-0.0264 fts	-0.0095 fts	0.0097 fts
DY			88598.2402 fts	0.0635 fts	0.0029 fts	0.0156 fts
DZ			61956.8140 fts	-0.0574 fts	-0.0890 fts	0.0166 fts
DX	NYHC	EBDR AZ- 2	117593.6001 fts	-0.0208 fts	-0.0029 fts	0.0055 fts
DY			82810.2777 fts	0.0679 fts	0.0195 fts	0.0098 fts
DZ			55942.7762 fts	-0.0376 fts	-0.0779 fts	0.0091 fts
DX	NYHC	EBDR AZ- 1	117302.1349 fts	-0.0104 fts	0.0019 fts	0.0051 fts
DY			82501.2556 fts	0.0471 fts	-0.0047 fts	0.0094 fts
DZ			55632.5117 fts	-0.0497 fts	-0.0691 fts	0.0086 fts
DX	NYCS	WBDR AZ-28	-28171.5453 fts	-0.0178 fts	-0.0073 fts	0.0064 fts
DY			-83922.5237 fts	0.0369 fts	0.0099 fts	0.0129 fts
DZ			-79104.3519 fts	-0.0237 fts	-0.0457 fts	0.0110 fts
DX	NYCS	WBDR AZ-27	-28715.9636 fts	-0.0203 fts	-0.0178 fts	0.0077 fts
DY			-84214.8944 fts	0.0068 fts	-0.0238 fts	0.0151 fts
DZ			-79270.3101 fts	-0.0434 fts	-0.0382 fts	0.0128 fts

DX	NYCS	WBDR AZ-26	-39432.7897 fts	0.0025 fts	-0.0048 fts	0.0072 fts
DY			-93900.4691 fts	-0.0268 fts	-0.0042 fts	0.0134 fts
DZ			-86574.7229 fts	0.0186 fts	0.0321 fts	0.0141 fts
DX	NYCS	WBDR AZ-25	-40133.9017 fts	-0.0268 fts	-0.0246 fts	0.0071 fts
DY			-93977.4373 fts	0.0043 fts	-0.0162 fts	0.0139 fts
DZ			-86452.9590 fts	-0.0324 fts	-0.0302 fts	0.0134 fts
DX	NYCS	WBDR AZ-24	-64678.1309 fts	-0.0130 fts	-0.0120 fts	0.0049 fts
DY			-107252.8795 fts	0.0020 fts	-0.0136 fts	0.0113 fts
DZ			-93563.2847 fts	-0.0236 fts	-0.0200 fts	0.0111 fts
DX	NYCS	WBDR AZ-23	-65550.2243 fts	0.0134 fts	0.0076 fts	0.0046 fts
DY			-107685.1508 fts	-0.0198 fts	-0.0193 fts	0.0108 fts
DZ			-93798.9905 fts	-0.0053 fts	0.0131 fts	0.0106 fts
DX	NYCS	WBDR AZ-15	-97662.5724 fts	-0.0302 fts	-0.0290 fts	0.0052 fts
DY			-144003.2647 fts	0.0003 fts	0.0187 fts	0.0105 fts
DZ			-123357.1326 fts	0.0178 fts	0.0059 fts	0.0112 fts
DX	NYCS	EBDR AZ- 22	4760.6324 fts	-0.0042 fts	-0.0212 fts	0.0071 fts
DY			-95326.5979 fts	-0.0640 fts	-0.0510 fts	0.0191 fts
DZ			-100993.0500 fts	-0.0135 fts	0.0354 fts	0.0154 fts
DX	NYCS	EBDR AZ- 21	4590.5446 fts	-0.0181 fts	-0.0255 fts	0.0079 fts
DY			-95809.1257 fts	-0.0302 fts	-0.0190 fts	0.0193 fts
DZ			-101458.5602 fts	-0.0034 fts	0.0155 fts	0.0162 fts
DX	ASH AZ-29 NEW	ASH AZ- 30 NEW	-151.1684 fts	0.0041 fts	-0.0004 fts	0.0171 fts
DY			58.4482 fts	-0.0158 fts	-0.0096 fts	0.0369 fts
DZ			108.6908 fts	0.0017 fts	0.0133 fts	0.0282 fts
DX	ASH AZ-29 NEW	ASH AZ- 30 NEW	-151.1684 fts	-0.0080 fts	-0.0005 fts	0.0171 fts
DY			58.4482 fts	0.0268 fts	0.0139 fts	0.0369 fts
DZ			108.6908 fts	-0.0064 fts	-0.0250 fts	0.0282 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2612 fts	0.0044 fts	-0.0050 fts	0.0142 fts
DY			37.6123 fts	-0.0342 fts	-0.0014 fts	0.0263 fts
DZ			341.1348 fts	0.0289 fts	0.0447 fts	0.0261 fts
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2612 fts	0.0048 fts	0.0042 fts	0.0142 fts
DY			37.6123 fts	-0.0017 fts	-0.0252 fts	0.0263 fts
DZ			341.1348 fts	-0.0314 fts	-0.0189 fts	0.0261 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4842 fts	-0.0319 fts	-0.0290 fts	0.0195 fts
DY			57.1584 fts	0.0065 fts	0.0204 fts	0.0382 fts
DZ			159.1063 fts	0.0142 fts	-0.0014 fts	0.0237 fts
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	-511.4842 fts	0.0113 fts	0.0120 fts	0.0195 fts
DY			57.1584 fts	0.0045 fts	-0.0073 fts	0.0382 fts
DZ			159.1063 fts	-0.0111 fts	-0.0084 fts	0.0237 fts
DX	EBDR AZ-16 NEW	EBDR AZ- 14 NEW	-4036.5812 fts	-0.0147 fts	-0.0042 fts	0.0087 fts
DY			-7679.1743 fts	0.0376 fts	0.0256 fts	0.0175 fts

DZ			-7054.3411 fts	-0.0019 fts	-0.0311 fts	0.0153 fts
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5812 fts	-0.0107 fts	-0.0094 fts	0.0087 fts
DY			-7679.1743 fts	0.0034 fts	0.0257 fts	0.0175 fts
DZ			-7054.3411 fts	0.0291 fts	0.0150 fts	0.0153 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8323 fts	0.0015 fts	0.0014 fts	0.0064 fts
DY			1193.2682 fts	-0.0003 fts	0.0011 fts	0.0091 fts
DZ			1668.4472 fts	0.0021 fts	0.0019 fts	0.0098 fts
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8323 fts	-0.0043 fts	-0.0021 fts	0.0064 fts
DY			1193.2682 fts	0.0073 fts	0.0009 fts	0.0091 fts
DZ			1668.4472 fts	-0.0063 fts	-0.0103 fts	0.0098 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7559 fts	-0.0096 fts	-0.0069 fts	0.0108 fts
DY			144.8350 fts	0.0088 fts	0.0093 fts	0.0192 fts
DZ			-434.9509 fts	0.0025 fts	-0.0065 fts	0.0165 fts
DX	SHANDAKEN	ASH AZ 11 NEW	1905.7559 fts	0.0077 fts	0.0098 fts	0.0108 fts
DY			144.8350 fts	0.0087 fts	0.0091 fts	0.0192 fts
DZ			-434.9509 fts	0.0065 fts	-0.0003 fts	0.0165 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4495 fts	-0.0171 fts	-0.0031 fts	0.0131 fts
DY			-835.2410 fts	0.0490 fts	0.0026 fts	0.0240 fts
DZ			-812.1429 fts	-0.0433 fts	-0.0674 fts	0.0173 fts
DX	ASH AZ-21 OLD	U279 RESET 1973	-303.4495 fts	-0.0025 fts	-0.0063 fts	0.0131 fts
DY			-835.2410 fts	-0.0144 fts	0.0134 fts	0.0240 fts
DZ			-812.1429 fts	0.0299 fts	0.0298 fts	0.0173 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	6.0710 fts	-0.0071 fts	-0.0002 fts	0.0099 fts
DY			4.9704 fts	0.0243 fts	0.0019 fts	0.0184 fts
DZ			4.4201 fts	-0.0203 fts	-0.0324 fts	0.0127 fts
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	6.0710 fts	-0.0229 fts	-0.0196 fts	0.0099 fts
DY			4.9704 fts	0.0090 fts	0.0044 fts	0.0184 fts
DZ			4.4201 fts	-0.0074 fts	-0.0160 fts	0.0127 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1690 fts	-0.0043 fts	-0.0013 fts	0.0086 fts
DY			4.7137 fts	0.0107 fts	0.0123 fts	0.0184 fts
DZ			36.0999 fts	0.0062 fts	-0.0043 fts	0.0151 fts
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1690 fts	0.0480 fts	0.0390 fts	0.0086 fts
DY			4.7137 fts	-0.0274 fts	-0.0073 fts	0.0184 fts
DZ			36.0999 fts	0.0257 fts	0.0463 fts	0.0151 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9533 fts	0.0228 fts	0.0173 fts	0.0077 fts
DY			9564.2391 fts	-0.0176 fts	-0.0188 fts	0.0150 fts
DZ			9221.1861 fts	-0.0045 fts	0.0140 fts	0.0128 fts
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	3409.9533 fts	0.0180 fts	0.0060 fts	0.0077 fts
DY			9564.2391 fts	-0.0426 fts	-0.0557 fts	0.0150 fts
DZ			9221.1861 fts	-0.0337 fts	0.0114 fts	0.0128 fts

DX	WBDR AZ-19 OLD	D309 RESET 1995	11.1114 fts	-0.0119 fts	-0.0123 fts	0.0135 fts
DY			-36.7305 fts	-0.0030 fts	-0.0052 fts	0.0200 fts
DZ			-38.9407 fts	-0.0072 fts	-0.0051 fts	0.0131 fts
DX	WBDR AZ-19 OLD	D309 RESET 1995	11.1114 fts	-0.0281 fts	-0.0214 fts	0.0135 fts
DY			-36.7305 fts	0.0222 fts	0.0113 fts	0.0200 fts
DZ			-38.9407 fts	-0.0109 fts	-0.0286 fts	0.0131 fts
DX	ASH AZ-10	ASH AZ-9	246.0122 fts	0.0150 fts	0.0075 fts	0.0222 fts
DY			-387.2242 fts	-0.0260 fts	-0.0078 fts	0.0341 fts
DZ			-526.7998 fts	0.0157 fts	0.0321 fts	0.0230 fts
DX	ASH AZ-10	ASH AZ-9	246.0122 fts	-0.0187 fts	-0.0063 fts	0.0222 fts
DY			-387.2242 fts	0.0437 fts	0.0200 fts	0.0341 fts
DZ			-526.7998 fts	-0.0157 fts	-0.0455 fts	0.0230 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	-1292.1372 fts	0.0181 fts	0.0160 fts	0.0058 fts
DY			1181.6113 fts	-0.0054 fts	-0.0037 fts	0.0084 fts
DZ			1655.7088 fts	0.0041 fts	0.0102 fts	0.0093 fts
DX	ASH AZ-25 OLD	ASH AZ- 26 NEW	-1292.1372 fts	0.0164 fts	0.0176 fts	0.0058 fts
DY			1181.6113 fts	0.0065 fts	-0.0022 fts	0.0084 fts
DZ			1655.7088 fts	-0.0046 fts	-0.0045 fts	0.0093 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	-2.3049 fts	0.0129 fts	0.0128 fts	0.0055 fts
DY			-11.6570 fts	0.0016 fts	-0.0022 fts	0.0078 fts
DZ			-12.7384 fts	-0.0012 fts	0.0007 fts	0.0080 fts
DX	ASH AZ-25 OLD	ASH AZ- 25 NEW	-2.3049 fts	0.0186 fts	0.0185 fts	0.0055 fts
DY			-11.6570 fts	0.0021 fts	-0.0031 fts	0.0078 fts
DZ			-12.7384 fts	-0.0014 fts	0.0013 fts	0.0080 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	-1021.7459 fts	-0.0109 fts	-0.0113 fts	0.0058 fts
DY			919.9153 fts	-0.0027 fts	0.0023 fts	0.0084 fts
DZ			1292.2958 fts	0.0028 fts	0.0016 fts	0.0093 fts
DX	ASH AZ-26 OLD	ASH AZ- 26 NEW	-1021.7459 fts	-0.0191 fts	-0.0182 fts	0.0058 fts
DY			919.9153 fts	0.0005 fts	-0.0008 fts	0.0084 fts
DZ			1292.2958 fts	-0.0061 fts	-0.0083 fts	0.0093 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	268.0863 fts	-0.0143 fts	-0.0133 fts	0.0054 fts
DY			-273.3530 fts	0.0020 fts	0.0051 fts	0.0078 fts
DZ			-376.1514 fts	0.0016 fts	-0.0032 fts	0.0080 fts
DX	ASH AZ-26 OLD	ASH AZ- 25 NEW	268.0863 fts	-0.0159 fts	-0.0168 fts	0.0054 fts
DY			-273.3530 fts	-0.0054 fts	-0.0017 fts	0.0078 fts
DZ			-376.1514 fts	-0.0015 fts	-0.0004 fts	0.0080 fts
DX	ASH AZ-22 OLD	U279 RESET 1973	-28.3145 fts	0.0198 fts	0.0137 fts	0.0132 fts
DY			-246.6726 fts	-0.0194 fts	-0.0201 fts	0.0241 fts
DZ			-245.5507 fts	-0.0054 fts	0.0142 fts	0.0173 fts
DX	ASH AZ-22 OLD	U279 RESET	-28.3145 fts	0.0147 fts	0.0104 fts	0.0132 fts

		1973				
DY			-246.6726 fts	-0.0137 fts	0.0084 fts	0.0241 fts
DZ			-245.5507 fts	0.0268 fts	0.0307 fts	0.0173 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	281.2060 fts	0.0222 fts	0.0174 fts	0.0102 fts
DY			593.5388 fts	-0.0145 fts	-0.0095 fts	0.0190 fts
DZ			571.0124 fts	0.0052 fts	0.0183 fts	0.0131 fts
DX	ASH AZ-22 OLD	NYSDOT 8-U-047	281.2060 fts	-0.0159 fts	-0.0153 fts	0.0102 fts
DY			593.5388 fts	0.0002 fts	0.0117 fts	0.0190 fts
DZ			571.0124 fts	0.0118 fts	0.0046 fts	0.0131 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.8037 fts	0.0163 fts	0.0195 fts	0.0150 fts
DY			-362.2514 fts	0.0145 fts	-0.0257 fts	0.0210 fts
DZ			-119.4534 fts	-0.0436 fts	-0.0366 fts	0.0225 fts
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	-812.8037 fts	0.0610 fts	0.0520 fts	0.0150 fts
DY			-362.2514 fts	-0.0263 fts	-0.0374 fts	0.0210 fts
DZ			-119.4534 fts	-0.0131 fts	0.0218 fts	0.0225 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.1930 fts	-0.0737 fts	-0.0649 fts	0.0151 fts
DY			-100.7295 fts	0.0243 fts	0.0553 fts	0.0212 fts
DZ			287.2027 fts	0.0361 fts	-0.0073 fts	0.0228 fts
DX	WBDR AZ-15	WBDR AZ-16 NEW	-1294.1930 fts	-0.0273 fts	-0.0310 fts	0.0151 fts
DY			-100.7295 fts	-0.0179 fts	0.0421 fts	0.0212 fts
DZ			287.2027 fts	0.0661 fts	0.0520 fts	0.0228 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	444.7591 fts	-0.0084 fts	-0.0106 fts	0.0080 fts
DY			1.0663 fts	-0.0093 fts	-0.0072 fts	0.0167 fts
DZ			-125.5440 fts	-0.0036 fts	0.0025 fts	0.0137 fts
DX	EBDR AZ-26	EBDR AZ- 25 NEW	444.7591 fts	-0.0022 fts	0.0030 fts	0.0080 fts
DY			1.0663 fts	0.0190 fts	-0.0061 fts	0.0167 fts
DZ			-125.5440 fts	-0.0254 fts	-0.0311 fts	0.0137 fts
DX	ASH AZ-27	ASH AZ- 28	-312.2522 fts	-0.0057 fts	-0.0073 fts	0.0038 fts
DY			486.7562 fts	-0.0068 fts	0.0082 fts	0.0069 fts
DZ			640.8407 fts	0.0156 fts	0.0141 fts	0.0071 fts
DX	ASH AZ-27	ASH AZ- 28	-312.2522 fts	0.0181 fts	0.0170 fts	0.0038 fts
DY			486.7562 fts	-0.0014 fts	-0.0247 fts	0.0069 fts
DZ			640.8407 fts	-0.0276 fts	-0.0138 fts	0.0071 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0346 fts	-0.0020 fts	-0.0054 fts	0.0108 fts
DY			-844.3518 fts	-0.0131 fts	-0.0035 fts	0.0270 fts
DZ			-1271.2532 fts	0.0061 fts	0.0131 fts	0.0159 fts
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	1206.0346 fts	0.0046 fts	0.0114 fts	0.0108 fts
DY			-844.3518 fts	0.0260 fts	0.0077 fts	0.0270 fts
DZ			-1271.2532 fts	-0.0112 fts	-0.0251 fts	0.0159 fts

DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8085 fts	0.0050 fts	0.0066 fts	0.0132 fts
DY			58.5343 fts	0.0065 fts	-0.0460 fts	0.0243 fts
DZ			-426.8644 fts	-0.0664 fts	-0.0482 fts	0.0255 fts
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8085 fts	-0.0116 fts	-0.0200 fts	0.0132 fts
DY			58.5343 fts	-0.0327 fts	-0.0002 fts	0.0243 fts
DZ			-426.8644 fts	0.0254 fts	0.0381 fts	0.0255 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1317 fts	0.0072 fts	0.0088 fts	0.0078 fts
DY			9048.6147 fts	0.0070 fts	0.0298 fts	0.0150 fts
DZ			8617.3448 fts	0.0358 fts	0.0204 fts	0.0128 fts
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	3567.1317 fts	0.0156 fts	0.0076 fts	0.0078 fts
DY			9048.6147 fts	-0.0278 fts	-0.0548 fts	0.0150 fts
DZ			8617.3448 fts	-0.0459 fts	-0.0078 fts	0.0128 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1033 fts	0.0029 fts	0.0031 fts	0.0063 fts
DY			595.2348 fts	0.0013 fts	-0.0004 fts	0.0133 fts
DZ			678.9246 fts	-0.0010 fts	-0.0010 fts	0.0109 fts
DX	EBDR AZ-15	EBDR AZ-16 NEW	-137.1033 fts	-0.0108 fts	-0.0050 fts	0.0063 fts
DY			595.2348 fts	0.0204 fts	0.0196 fts	0.0133 fts
DZ			678.9246 fts	0.0060 fts	-0.0127 fts	0.0109 fts
DX	ASH AZ-1	ASH AZ-2	-430.4501 fts	-0.0035 fts	-0.0062 fts	0.0083 fts
DY			271.5053 fts	-0.0107 fts	-0.0031 fts	0.0160 fts
DZ			391.5746 fts	0.0044 fts	0.0099 fts	0.0156 fts
DX	ASH AZ-1	ASH AZ-2	-430.4501 fts	0.0003 fts	0.0066 fts	0.0083 fts
DY			271.5053 fts	0.0237 fts	0.0029 fts	0.0160 fts
DZ			391.5746 fts	-0.0166 fts	-0.0280 fts	0.0156 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4059 fts	-0.0312 fts	-0.0165 fts	0.0052 fts
DY			20536.5848 fts	0.0518 fts	0.0464 fts	0.0089 fts
DZ			16304.3432 fts	0.0097 fts	-0.0365 fts	0.0101 fts
DX	SOUTH KORTRIGHT	WBDR AZ-29	19788.4059 fts	0.0144 fts	0.0106 fts	0.0052 fts
DY			20536.5848 fts	-0.0125 fts	-0.0251 fts	0.0089 fts
DZ			16304.3432 fts	-0.0195 fts	-0.0014 fts	0.0101 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0439 fts	0.0430 fts	0.0376 fts	0.0142 fts
DY			607.2045 fts	-0.0152 fts	0.0042 fts	0.0213 fts
DZ			774.0107 fts	0.0291 fts	0.0387 fts	0.0141 fts
DX	WBDR AZ-20	D309 RESET 1995	-345.0439 fts	0.0414 fts	0.0316 fts	0.0142 fts
DY			607.2045 fts	-0.0322 fts	-0.0130 fts	0.0213 fts
DZ			774.0107 fts	0.0205 fts	0.0448 fts	0.0141 fts
DX	NYON	WBDR AZ-30	128465.7121 fts	-0.0428 fts	-0.0410 fts	0.0053 fts
DY			24951.4592 fts	0.0016 fts	0.0149 fts	0.0099 fts
DZ			-9348.1707 fts	0.0088 fts	-0.0033 fts	0.0101 fts
DX	NYON	WBDR AZ-30	128465.7121 fts	0.0092 fts	0.0086 fts	0.0053 fts
DY			24951.4592 fts	-0.0011 fts	0.0085 fts	0.0099 fts

DZ			-9348.1707 fts	0.0147 fts	0.0125 fts	0.0101 fts
DX	NYON	WBDR AZ-29	128823.7241 fts	0.0119 fts	0.0149 fts	0.0055 fts
DY			24672.2241 fts	0.0135 fts	0.0139 fts	0.0100 fts
DZ			-9793.5899 fts	0.0098 fts	-0.0007 fts	0.0105 fts
DX	NYON	WBDR AZ-29	128823.7241 fts	0.0293 fts	0.0289 fts	0.0055 fts
DY			24672.2241 fts	0.0026 fts	-0.0114 fts	0.0100 fts
DZ			-9793.5899 fts	-0.0110 fts	-0.0037 fts	0.0105 fts
DX	NYON	WBDR AZ-23	82374.3986 fts	0.0525 fts	0.0389 fts	0.0044 fts
DY			-9364.0430 fts	-0.0459 fts	-0.0099 fts	0.0097 fts
DZ			-32873.5326 fts	0.0394 fts	0.0694 fts	0.0096 fts
DX	NYON	WBDR AZ-23	82374.3986 fts	0.0192 fts	0.0120 fts	0.0044 fts
DY			-9364.0430 fts	-0.0257 fts	0.0008 fts	0.0097 fts
DZ			-32873.5326 fts	0.0282 fts	0.0410 fts	0.0096 fts
DX	NYCS	WBDR AZ-29	-19100.8988 fts	0.0156 fts	0.0065 fts	0.0058 fts
DY			-73648.8837 fts	-0.0318 fts	-0.0004 fts	0.0116 fts
DZ			-70719.0478 fts	0.0315 fts	0.0469 fts	0.0120 fts
DX	NYCS	WBDR AZ-29	-19100.8988 fts	-0.0056 fts	-0.0047 fts	0.0058 fts
DY			-73648.8837 fts	0.0028 fts	-0.0172 fts	0.0116 fts
DZ			-70719.0478 fts	-0.0273 fts	-0.0216 fts	0.0120 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	-0.0150 fts	-0.0096 fts	0.0073 fts
DY			137.9505 fts	0.0181 fts	0.0135 fts	0.0157 fts
DZ			0.9682 fts	-0.0012 fts	-0.0167 fts	0.0152 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	-0.0378 fts	-0.0222 fts	0.0073 fts
DY			137.9505 fts	0.0535 fts	0.0349 fts	0.0157 fts
DZ			0.9682 fts	-0.0087 fts	-0.0515 fts	0.0152 fts
DX	EBDR AZ-13 NEW	EBDR AZ- 14 NEW	491.9851 fts	0.0099 fts	0.0052 fts	0.0073 fts
DY			137.9505 fts	-0.0167 fts	-0.0070 fts	0.0157 fts
DZ			0.9682 fts	0.0075 fts	0.0189 fts	0.0152 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	3547.0565 fts	0.0156 fts	0.0107 fts	0.0063 fts
DY			8969.0043 fts	-0.0162 fts	-0.0170 fts	0.0103 fts
DZ			8542.2615 fts	-0.0051 fts	0.0113 fts	0.0092 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	3547.0565 fts	0.0247 fts	0.0295 fts	0.0063 fts
DY			8969.0043 fts	0.0213 fts	-0.0593 fts	0.0103 fts
DZ			8542.2615 fts	-0.0927 fts	-0.0726 fts	0.0092 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 15	3547.0565 fts	-0.0083 fts	-0.0206 fts	0.0063 fts
DY			8969.0043 fts	-0.0477 fts	0.0254 fts	0.0103 fts
DZ			8542.2615 fts	0.0740 fts	0.0822 fts	0.0092 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 14 NEW	-626.6280 fts	0.0146 fts	0.0116 fts	0.0064 fts
DY			1885.0648 fts	-0.0093 fts	-0.0040 fts	0.0126 fts
DZ			2166.8449 fts	0.0062 fts	0.0137 fts	0.0117 fts
DX	EBDR AZ-14 OLD	EBDR AZ- 14 NEW	-626.6280 fts	0.0035 fts	-0.0044 fts	0.0064 fts

DY			1885.0648 fts	-0.0295 fts	-0.0233 fts	0.0126 fts
DZ			2166.8449 fts	-0.0049 fts	0.0185 fts	0.0117 fts
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6280 fts	-0.0038 fts	-0.0104 fts	0.0064 fts
DY			1885.0648 fts	-0.0251 fts	0.0423 fts	0.0126 fts
DZ			2166.8449 fts	0.0780 fts	0.0695 fts	0.0117 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6131 fts	0.0249 fts	0.0209 fts	0.0078 fts
DY			1747.1143 fts	-0.0119 fts	-0.0166 fts	0.0162 fts
DZ			2165.8767 fts	-0.0061 fts	0.0093 fts	0.0153 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6131 fts	0.0480 fts	0.0238 fts	0.0078 fts
DY			1747.1143 fts	-0.0846 fts	-0.0578 fts	0.0162 fts
DZ			2165.8767 fts	0.0074 fts	0.0749 fts	0.0153 fts
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	-1118.6131 fts	-0.0217 fts	-0.0201 fts	0.0078 fts
DY			1747.1143 fts	0.0028 fts	0.0357 fts	0.0162 fts
DZ			2165.8767 fts	0.0405 fts	0.0210 fts	0.0153 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1784 fts	0.0020 fts	-0.0022 fts	0.0044 fts
DY			-515.6244 fts	-0.0155 fts	-0.0020 fts	0.0077 fts
DZ			-603.8413 fts	0.0114 fts	0.0191 fts	0.0068 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1784 fts	-0.0098 fts	-0.0011 fts	0.0044 fts
DY			-515.6244 fts	0.0318 fts	0.0017 fts	0.0077 fts
DZ			-603.8413 fts	-0.0278 fts	-0.0433 fts	0.0068 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1784 fts	0.0042 fts	0.0150 fts	0.0044 fts
DY			-515.6244 fts	0.0410 fts	-0.0052 fts	0.0077 fts
DZ			-603.8413 fts	-0.0418 fts	-0.0565 fts	0.0068 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4496 fts	0.0045 fts	0.0077 fts	0.0063 fts
DY			1369.4404 fts	0.0126 fts	-0.0007 fts	0.0124 fts
DZ			1563.0037 fts	-0.0108 fts	-0.0153 fts	0.0116 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4496 fts	-0.0064 fts	-0.0075 fts	0.0063 fts
DY			1369.4404 fts	-0.0049 fts	-0.0283 fts	0.0124 fts
DZ			1563.0037 fts	-0.0355 fts	-0.0216 fts	0.0116 fts
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4496 fts	-0.0154 fts	-0.0076 fts	0.0063 fts
DY			1369.4404 fts	0.0274 fts	0.0202 fts	0.0124 fts
DZ			1563.0037 fts	-0.0004 fts	-0.0229 fts	0.0116 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4347 fts	0.0299 fts	0.0295 fts	0.0077 fts
DY			1231.4899 fts	0.0025 fts	-0.0200 fts	0.0161 fts
DZ			1562.0354 fts	-0.0220 fts	-0.0107 fts	0.0153 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4347 fts	0.0443 fts	0.0262 fts	0.0077 fts
DY			1231.4899 fts	-0.0624 fts	-0.0671 fts	0.0161 fts
DZ			1562.0354 fts	-0.0254 fts	0.0363 fts	0.0153 fts
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	-961.4347 fts	-0.0221 fts	-0.0106 fts	0.0077 fts
DY			1231.4899 fts	0.0407 fts	0.0126 fts	0.0161 fts
DZ			1562.0354 fts	-0.0238 fts	-0.0494 fts	0.0153 fts

GPS Baseline Vector Residuals

	Station	Target	Adj vector [fts]	Resid [fts]	Resid [ppm]
DV	NYS DOT 8-U-047	U279 RESET 1973	1211.8305	0.0334	27.5
DV	SHANDAKEN	ASH AZ-12 NEW	2979.8538	0.0198	6.6
DV	SHANDAKEN	ASH AZ-11 OLD	1327.8780	0.0248	18.7
DV	ASH AZ-21 OLD	ASH AZ-22 OLD	862.0551	0.0284	32.9
DV	EBDR AZ-25 OLD	EBDR AZ-26	569.3676	0.0402	70.6
DV	ASH AZ-28	ASH AZ-21 OLD	26953.8066	0.0497	1.8
DV	ASH AZ-29 OLD	ASH AZ-30 OLD	746.0796	0.0272	36.4
DV	ASH AZ-29 OLD	ASH AZ-29 NEW	3075.4571	0.0228	7.4
DV	ASH AZ-29 OLD	ASH AZ-21 OLD	40186.1503	0.0086	0.2
DV	WBDR AZ-19 OLD	WBDR AZ-20	1096.5350	0.0837	76.3
DV	EBDR AZ-19	EBDR AZ-6	45781.0887	0.0191	0.4
DV	EBDR AZ-7 OLD	EBDR AZ-8	600.2218	0.0206	34.3
DV	EBDR AZ-7 OLD	EBDR AZ-21	62239.1293	0.0569	0.9
DV	EBDR AZ-7 OLD	EBDR AZ 7 NEW	90.7197	0.0401	441.5
DV	NEV AZ-2	ROND AZ-8	27086.8858	0.0216	0.8
DV	EBDR AZ-16 OLD	EBDR AZ-2	54165.5410	0.0371	0.7
DV	ASH AZ-6 OLD	ASH AZ-12 OLD	31326.0648	0.0343	1.1
DV	EBDR AZ-10	EBDR AZ-25 OLD	24979.0858	0.0204	0.8
DV	ASH AZ-7	ASH AZ-8	838.0801	0.0090	10.7
DV	ASH AZ-7	ASH AZ-20	32435.5449	0.0267	0.8
DV	ASH AZ-7	ASH AZ-19	32193.7886	0.0159	0.5
DV	ASH AZ-7	ASH AZ-16	28509.4656	0.0166	0.6
DV	ASH AZ-7	ASH AZ-15	28001.5636	0.0313	1.1
DV	ASH AZ-8	ASH AZ-20	31643.3799	0.0263	0.8
DV	NEV AZ-4	ROND AZ-5	29176.5509	0.0132	0.5
DV	EBDR AZ-4	EBDR AZ-17	51755.3298	0.0318	0.6
DV	ROND AZ-1	ROND AZ-4	32522.8159	0.0135	0.4
DV	WBDR AZ-21	WBDR AZ-22	576.8904	0.0012	2.1
DV	ASH AZ-10	ASH AZ-14	41577.2551	0.0320	0.8
DV	EBDR AZ-3	EBDR AZ-4	909.8942	0.0109	11.9
DV	EBDR AZ-3	EBDR AZ-17	52097.9149	0.0268	0.5
DV	ROND AZ-2	ROND AZ-4	32948.5984	0.0094	0.3
DV	ROND AZ-2	ROND AZ-1	591.9969	0.0007	1.2
DV	ASH AZ-30 OLD	ASH AZ-29 OLD	746.0796	0.0113	15.2
DV	ASH AZ-30 OLD	ASH AZ-29 NEW	2770.4132	0.0441	15.9
DV	ASH AZ-25 OLD	ASH AZ-28	9501.6805	0.0167	1.8
DV	ASH AZ-25 OLD	ASH AZ-26 OLD	523.1303	0.0297	56.8
DV	ASH AZ-26 OLD	ASH AZ-28	10020.3237	0.0119	1.2
DV	ASH AZ-26 OLD	ASH AZ-25 OLD	523.1303	0.0321	61.4
DV	WBDR AZ-26	WBDR AZ-25	715.7573	0.0361	50.5
DV	EBDR AZ-8	EBDR AZ-7 OLD	600.2218	0.0097	16.2
DV	EBDR AZ-8	EBDR AZ 7 NEW	509.5088	0.0257	50.4
DV	WBDR AZ-9	WBDR AZ-10	513.6071	0.0093	18.0
DV	EBDR AZ-5	EBDR AZ-6	630.1826	0.0014	2.3
DV	EBDR AZ-23	EBDR AZ-24	786.9429	0.0037	4.7
DV	WBDR AZ-14	WBDR AZ-13	818.2321	0.0018	2.2
DV	ASH AZ-22 OLD	ASH AZ-9	58483.9787	0.0447	0.8
DV	ASH AZ-22 OLD	ASH AZ-30 OLD	40016.4959	0.0571	1.4
DV	ASH AZ-22 OLD	ASH AZ-29 OLD	39332.8636	0.0446	1.1
DV	ASH AZ-22 OLD	ASH AZ-28	26093.2265	0.0150	0.6

DV	ASH AZ-22 OLD	ASH AZ-21 OLD	862.0551	0.0157	18.2
DV	EBDR AZ-9	EBDR AZ-25 OLD	24519.5052	0.0371	1.5
DV	EBDR AZ-9	EBDR AZ-10	550.5980	0.0016	2.9
DV	WBDR AZ-8	WBDR AZ-7	1030.6153	0.0055	5.4
DV	WBDR AZ-18	WBDR AZ-17	688.5537	0.0037	5.4
DV	ASH AZ-19	ASH AZ-8	31405.9531	0.0285	0.9
DV	ASH AZ-19	ASH AZ-20	549.4385	0.0039	7.1
DV	ASH AZ-13	ASH AZ-14	861.9327	0.0134	15.5
DV	ASH AZ-13	ASH AZ-10	42305.0524	0.0273	0.6
DV	ASH AZ-18	ASH AZ-6 OLD	47121.9045	0.0629	1.3
DV	ASH AZ-18	ASH AZ-17	677.1732	0.0077	11.3
DV	WBDR AZ-16 OLD	WBDR AZ-15	682.2746	0.0029	4.2
DV	EBDR AZ-12	EBDR AZ-11	713.2316	0.0018	2.5
DV	ROND AZ-6	ROND AZ-5	703.2365	0.0036	5.2
DV	ROND AZ-6	NEV AZ-4	29857.9013	0.0117	0.4
DV	FLEISCHMANNNS 2	EBDR AZ-9	26963.2781	0.0252	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-8	40254.4970	0.0448	1.1
DV	FLEISCHMANNNS 2	EBDR AZ-7 OLD	40668.0622	0.0347	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-6	41266.6032	0.0212	0.5
DV	FLEISCHMANNNS 2	EBDR AZ-5	40818.2740	0.0148	0.4
DV	FLEISCHMANNNS 2	EBDR AZ-4	66407.8329	0.0579	0.9
DV	FLEISCHMANNNS 2	EBDR AZ-28	3340.4900	0.0052	1.6
DV	FLEISCHMANNNS 2	EBDR AZ-27	2814.9582	0.0067	2.4
DV	FLEISCHMANNNS 2	EBDR AZ-26	3250.2445	0.0320	9.8
DV	FLEISCHMANNNS 2	EBDR AZ-25 OLD	2683.1853	0.0275	10.3
DV	FLEISCHMANNNS 2	EBDR AZ-24	12905.9652	0.0072	0.6
DV	FLEISCHMANNNS 2	EBDR AZ-23	13084.9314	0.0066	0.5
DV	FLEISCHMANNNS 2	EBDR AZ-22	48853.9562	0.0535	1.1
DV	FLEISCHMANNNS 2	EBDR AZ-21	48260.6372	0.0336	0.7
DV	FLEISCHMANNNS 2	EBDR AZ-20	20881.7849	0.0171	0.8
DV	FLEISCHMANNNS 2	EBDR AZ-2	67834.1775	0.0442	0.7
DV	FLEISCHMANNNS 2	EBDR AZ-19	20748.8015	0.0176	0.8
DV	FLEISCHMANNNS 2	EBDR AZ-18	23466.9627	0.0516	2.2
DV	FLEISCHMANNNS 2	EBDR AZ-16 OLD	18074.6270	0.0250	1.4
DV	FLEISCHMANNNS 2	EBDR AZ-15	17560.6038	0.0129	0.7
DV	FLEISCHMANNNS 2	EBDR AZ-14 OLD	20193.5333	0.0395	2.0
DV	FLEISCHMANNNS 2	EBDR AZ-13 OLD	20169.1631	0.0253	1.3
DV	FLEISCHMANNNS 2	EBDR AZ-12	22136.2974	0.0344	1.6
DV	FLEISCHMANNNS 2	EBDR AZ-11	21443.3005	0.0469	2.2
DV	FLEISCHMANNNS 2	EBDR AZ-10	27409.3318	0.0267	1.0
DV	FLEISCHMANNNS 2	EBDR AZ-1	68184.7251	0.0498	0.7
DV	FLEISCHMANNNS 2	ASH AZ-8	42029.9778	0.0681	1.6
DV	FLEISCHMANNNS 2	ASH AZ-6 OLD	20730.9059	0.0189	0.9
DV	FLEISCHMANNNS 2	ASH AZ-5 OLD	20264.8035	0.0368	1.8
DV	FLEISCHMANNNS 2	ASH AZ-4	34121.9572	0.0407	1.2
DV	FLEISCHMANNNS 2	ASH AZ-3	33603.3034	0.0351	1.0
DV	FLEISCHMANNNS 2	ASH AZ-20	72468.8447	0.0299	0.4
DV	FLEISCHMANNNS 2	ASH AZ-19	72337.1668	0.0369	0.5
DV	FLEISCHMANNNS 2	ASH AZ-18	67845.3355	0.0241	0.4
DV	FLEISCHMANNNS 2	ASH AZ-17	67991.8325	0.0439	0.6
DV	FLEISCHMANNNS 2	ASH AZ-16	69897.6169	0.0375	0.5
DV	FLEISCHMANNNS 2	ASH AZ-15	69393.3851	0.0603	0.9
DV	FLEISCHMANNNS 2	ASH AZ-14	77286.3922	0.0204	0.3
DV	FLEISCHMANNNS 2	ASH AZ-13	78043.8901	0.0368	0.5
DV					

	FLEISCHMANN'S 2	ASH AZ-12 OLD	51736.8203	0.0637	1.2
DV	EBDR AZ-1	EBDR AZ-2	526.0330	0.0036	7.0
DV	EBDR AZ-1	EBDR AZ-15	54415.6500	0.0531	1.0
DV	WBDR AZ-6	WBDR AZ-5	983.1097	0.0138	14.0
DV	WBDR AZ-27	WBDR AZ-28	639.8547	0.0118	18.5
DV	EBDR AZ-18	EBDR AZ-17	651.6495	0.0114	17.4
DV	NEV AZ-1	ROND AZ-8	27923.8538	0.0225	0.8
DV	NEV AZ-1	ROND AZ-7	28133.0126	0.0366	1.3
DV	NEV AZ-1	NEV AZ-2	837.0440	0.0129	15.5
DV	NEV AZ-3	ROND AZ-6	29984.0911	0.0398	1.3
DV	NEV AZ-3	ROND AZ-5	29298.8452	0.0172	0.6
DV	NEV AZ-3	NEV AZ-4	715.1329	0.0031	4.4
DV	ASH AZ-3	ASH AZ-4	536.3664	0.0045	8.5
DV	EBDR AZ-26	EBDR AZ-9	24034.4899	0.0118	0.5
DV	EBDR AZ-26	EBDR AZ-25 OLD	569.3676	0.0368	64.7
DV	EBDR AZ-26	EBDR AZ-10	24497.7616	0.0082	0.3
DV	ASH AZ-27	ASH AZ-26 OLD	10882.5719	0.0195	1.8
DV	ASH AZ-27	ASH AZ-25 OLD	10364.1697	0.0077	0.7
DV	ASH AZ-27	ASH AZ-22 OLD	26784.5348	0.0415	1.6
DV	ASH AZ-27	ASH AZ-21 OLD	27643.9844	0.0314	1.1
DV	ASH AZ-5 OLD	ASH AZ-6 OLD	531.3861	0.0167	31.4
DV	ASH AZ-5 OLD	ASH AZ-17	47732.9182	0.0409	0.9
DV	ASH AZ-5 OLD	ASH AZ-12 OLD	31727.2857	0.0438	1.4
DV	ASH AZ-5 OLD	ASH AZ-11 OLD	31042.2283	0.1263	4.1
DV	WBDR AZ-4	WBDR AZ-3	559.8116	0.0023	4.0
DV	ASH AZ-24	ASH AZ-23	984.8723	0.0063	6.4
DV	EBDR AZ-20	EBDR AZ-6	45127.8570	0.0190	0.4
DV	EBDR AZ-20	EBDR AZ-5	44935.5453	0.0318	0.7
DV	EBDR AZ-20	EBDR AZ-19	795.0505	0.0217	27.3
DV	ROND AZ-3	ROND AZ-4	744.9868	0.0045	6.0
DV	ROND AZ-3	ROND AZ-2	33672.9955	0.0069	0.2
DV	ROND AZ-3	ROND AZ-1	33245.0175	0.0127	0.4
DV	ASH AZ-11 OLD	ASH AZ-12 OLD	686.5123	0.0328	47.8
DV	ASH AZ-11 OLD	ASH AZ 11 NEW	638.6730	0.0759	118.9
DV	WBDR AZ-12	WBDR AZ-11	1409.5485	0.0040	2.8
DV	EBDR AZ-13 OLD	EBDR AZ-15	12173.7219	0.0348	2.9
DV	EBDR AZ-13 OLD	ASH AZ-1	61969.5644	0.0672	1.1
DV	EBDR AZ-22	EBDR AZ-8	62323.2725	0.0866	1.4
DV	EBDR AZ-22	EBDR AZ-7 OLD	62921.1864	0.0681	1.1
DV	EBDR AZ-22	EBDR AZ-21	691.7101	0.0168	24.3
DV	EBDR AZ-28	EBDR AZ-27	537.7801	0.0078	14.5
DV	EBDR AZ-15	EBDR AZ-2	54001.4027	0.0514	1.0
DV	EBDR AZ-15	EBDR AZ-16 OLD	903.9648	0.0120	13.3
DV	EBDR AZ-15	EBDR AZ-14 NEW	10404.2193	0.0209	2.0
DV	EBDR AZ-15	EBDR AZ-13 NEW	10704.3193	0.0586	5.5
DV	ASH AZ-1	EBDR AZ-14 OLD	61436.8639	0.0557	0.9
DV	SOUTH KORTRIGHT	WBDR AZ-30	33036.2392	0.0308	0.9
DV	SOUTH KORTRIGHT	WBDR AZ-28	16819.9162	0.0307	1.8
DV	SOUTH KORTRIGHT	WBDR AZ-25	1384.8074	0.0328	23.7
DV	SOUTH KORTRIGHT	WBDR AZ-23	30642.3695	0.0456	1.5
DV	ASH AZ-16	ASH AZ-15	592.2536	0.0058	9.8
DV	WALTON	WBDR AZ-9	7002.2716	0.0047	0.7
DV	WALTON	WBDR AZ-8	14657.2028	0.0089	0.6
DV	WALTON	WBDR AZ-7	13628.4607	0.0103	0.8
DV					

	WALTON	WBDR AZ-6	12207.8217	0.0044	0.4
DV	WALTON	WBDR AZ-5	11227.2388	0.0155	1.4
DV	WALTON	WBDR AZ-4	1214.7102	0.0090	7.4
DV	WALTON	WBDR AZ-3	790.4527	0.0087	10.9
DV	WALTON	WBDR AZ-22	72223.6057	0.0574	0.8
DV	WALTON	WBDR AZ-21	72781.7601	0.0633	0.9
DV	WALTON	WBDR AZ-2	8335.3833	0.0081	1.0
DV	WALTON	WBDR AZ-16 OLD	44967.8587	0.0142	0.3
DV	WALTON	WBDR AZ-15	45157.1852	0.0050	0.1
DV	WALTON	WBDR AZ-14	37928.8546	0.0318	0.8
DV	WALTON	WBDR AZ-13	37677.7533	0.0338	0.9
DV	WALTON	WBDR AZ-12	40520.9791	0.0208	0.5
DV	WALTON	WBDR AZ-11	39624.9568	0.0195	0.5
DV	WALTON	WBDR AZ-10	7515.1805	0.0051	0.7
DV	WALTON	WBDR AZ-1	9368.4776	0.0129	1.4
DV	WBDR AZ-24	WBDR AZ-23	1001.4802	0.0021	2.1
DV	CLARYVILLE	ROND AZ-8	26558.7821	0.0594	2.2
DV	CLARYVILLE	ROND AZ-7	26748.4134	0.0620	2.3
DV	CLARYVILLE	ROND AZ-6	27345.0805	0.0399	1.5
DV	CLARYVILLE	ROND AZ-5	26706.6069	0.0494	1.8
DV	CLARYVILLE	ROND AZ-4	20790.9939	0.0340	1.6
DV	CLARYVILLE	ROND AZ-3	20908.9844	0.0085	0.4
DV	CLARYVILLE	ROND AZ-2	31785.9683	0.0388	1.2
DV	CLARYVILLE	ROND AZ-1	31198.3653	0.0365	1.2
DV	CLARYVILLE	NEV AZ-4	5748.8862	0.0086	1.5
DV	CLARYVILLE	NEV AZ-3	6419.5650	0.0052	0.8
DV	CLARYVILLE	NEV AZ-2	861.9202	0.0406	47.1
DV	CLARYVILLE	NEV AZ-1	1530.3518	0.0305	19.9
DV	WBDR AZ-29	WBDR AZ-30	636.0370	0.0055	8.6
DV	PHOENICIA	ROND AZ-8	95909.4631	0.0171	0.2
DV	PHOENICIA	ROND AZ-7	96726.3229	0.0451	0.5
DV	PHOENICIA	ROND AZ-6	106220.0814	0.0917	0.9
DV	PHOENICIA	ROND AZ-4	107355.3853	0.0448	0.4
DV	PHOENICIA	ROND AZ-2	80664.7547	0.0594	0.7
DV	PHOENICIA	ROND AZ-1	80709.2917	0.0714	0.9
DV	PHOENICIA	NEV AZ-4	86113.3289	0.0996	1.2
DV	PHOENICIA	NEV AZ-3	85470.8846	0.0282	0.3
DV	PHOENICIA	NEV AZ-2	91152.1396	0.0556	0.6
DV	PHOENICIA	NEV AZ-1	91129.4233	0.0869	1.0
DV	PHOENICIA	ASH AZ-30 OLD	42227.3926	0.0092	0.2
DV	PHOENICIA	ASH AZ-29 OLD	41499.3115	0.0031	0.1
DV	PHOENICIA	ASH AZ-28	30110.0494	0.0117	0.4
DV	PHOENICIA	ASH AZ-27	30941.1876	0.0168	0.5
DV	PHOENICIA	ASH AZ-26 OLD	20484.0799	0.0143	0.7
DV	PHOENICIA	ASH AZ-25 OLD	20995.4241	0.0224	1.1
DV	PHOENICIA	ASH AZ-22 OLD	25428.2519	0.0153	0.6
DV	PHOENICIA	ASH AZ-21 OLD	25762.1536	0.0228	0.9
DV	ROND AZ-7	ROND AZ-8	819.0771	0.0016	2.0
DV	ROND AZ-7	NEV AZ-2	27296.3850	0.0416	1.5
DV	BOICEVILLE	EBDR AZ-28	90843.9682	0.0401	0.4
DV	BOICEVILLE	EBDR AZ-27	91266.1993	0.0375	0.4
DV	BOICEVILLE	EBDR AZ-14 OLD	110085.9850	0.0543	0.5
DV	BOICEVILLE	EBDR AZ-13 OLD	110496.0534	0.0792	0.7
DV	BOICEVILLE	ASH AZ-8	55357.5709	0.0442	0.8
DV					

	BOICEVILLE	ASH AZ-7	56185.6903	0.0341	0.6
DV	BOICEVILLE	ASH AZ-5 OLD	74094.4009	0.0576	0.8
DV	BOICEVILLE	ASH AZ-4	59709.8109	0.1312	2.2
DV	BOICEVILLE	ASH AZ-30 OLD	13428.7576	0.0085	0.6
DV	BOICEVILLE	ASH AZ-3	60226.4978	0.0585	1.0
DV	BOICEVILLE	ASH AZ-29 OLD	12709.6788	0.0078	0.6
DV	BOICEVILLE	ASH AZ-28	874.6949	0.0059	6.7
DV	BOICEVILLE	ASH AZ-27	18.9011	0.0087	458.4
DV	BOICEVILLE	ASH AZ-26 OLD	10893.3121	0.0257	2.4
DV	BOICEVILLE	ASH AZ-25 OLD	10375.0127	0.0093	0.9
DV	BOICEVILLE	ASH AZ-24	31076.9676	0.0151	0.5
DV	BOICEVILLE	ASH AZ-23	31513.7753	0.0221	0.7
DV	BOICEVILLE	ASH AZ-22 OLD	26802.6169	0.0130	0.5
DV	BOICEVILLE	ASH AZ-21 OLD	27662.0798	0.0072	0.3
DV	BOICEVILLE	ASH AZ-20	24901.9327	0.0309	1.2
DV	BOICEVILLE	ASH AZ-19	25323.7790	0.0313	1.2
DV	BOICEVILLE	ASH AZ-18	30929.2512	0.0285	0.9
DV	BOICEVILLE	ASH AZ-17	31244.1601	0.0298	1.0
DV	BOICEVILLE	ASH AZ-16	36114.4380	0.0271	0.8
DV	BOICEVILLE	ASH AZ-15	36116.2829	0.0264	0.7
DV	BOICEVILLE	ASH AZ-14	45155.9675	0.0274	0.6
DV	BOICEVILLE	ASH AZ-13	45487.4055	0.0382	0.8
DV	BOICEVILLE	ASH AZ-12 OLD	47807.4572	0.0370	0.8
DV	BOICEVILLE	ASH AZ-11 OLD	48276.3175	0.0569	1.2
DV	BOICEVILLE	ASH AZ-1	50983.2984	0.0520	1.0
DV	ANDES	WBDR AZ-8	86411.9409	0.0436	0.5
DV	ANDES	WBDR AZ-7	86670.5512	0.0615	0.7
DV	ANDES	WBDR AZ-6	96646.8213	0.1043	1.1
DV	ANDES	WBDR AZ-4	90288.4405	0.0583	0.6
DV	ANDES	WBDR AZ-30	92321.8301	0.1004	1.1
DV	ANDES	WBDR AZ-3	90601.3026	0.0611	0.7
DV	ANDES	WBDR AZ-28	76543.6094	0.0816	1.1
DV	ANDES	WBDR AZ-27	76074.4946	0.0859	1.1
DV	ANDES	WBDR AZ-26	61861.6424	0.0638	1.0
DV	ANDES	WBDR AZ-24	48832.2878	0.0444	0.9
DV	ANDES	WBDR AZ-23	48659.9442	0.0414	0.9
DV	ANDES	WBDR AZ-2	97976.7499	0.0597	0.6
DV	ANDES	WBDR AZ-18	27214.0419	0.0253	0.9
DV	ANDES	WBDR AZ-17	27730.6055	0.0197	0.7
DV	ANDES	WBDR AZ-10	84115.5936	0.1062	1.3
DV	ANDES	WBDR AZ-1	98982.7625	0.0344	0.3
DV	ANDES	EBDR AZ-8	31812.9166	0.0365	1.1
DV	ANDES	EBDR AZ-7 OLD	31662.7038	0.0172	0.5
DV	ANDES	EBDR AZ-4	3895.7660	0.0185	4.7
DV	ANDES	EBDR AZ-22	74823.8984	0.0563	0.8
DV	ANDES	EBDR AZ-21	74252.9607	0.0324	0.4
DV	ANDES	EBDR AZ-2	8008.5323	0.0215	2.7
DV	ANDES	EBDR AZ-18	56250.5113	0.0673	1.2
DV	ANDES	EBDR AZ-17	55611.5278	0.0807	1.5
DV	ANDES	EBDR AZ-15	54816.4853	0.0405	0.7
DV	ANDES	EBDR AZ-12	49371.9195	0.0790	1.6
DV	ANDES	EBDR AZ-1	8330.9371	0.0243	2.9
DV	MARGARETVILLE	WBDR AZ-18	56565.0027	0.0433	0.8
DV	MARGARETVILLE	WBDR AZ-17	56548.6847	0.0261	0.5
DV					

	MARGARETVILLE	EBDR AZ-9	261.7745	0.0135	51.7
DV	MARGARETVILLE	EBDR AZ-8	13174.1308	0.0065	0.5
DV	MARGARETVILLE	EBDR AZ-7 OLD	13552.4093	0.0176	1.3
DV	MARGARETVILLE	EBDR AZ-6	14925.4993	0.0142	1.0
DV	MARGARETVILLE	EBDR AZ-5	14617.3711	0.0114	0.8
DV	MARGARETVILLE	EBDR AZ-28	30382.4174	0.0232	0.8
DV	MARGARETVILLE	EBDR AZ-27	29845.5381	0.0199	0.7
DV	MARGARETVILLE	EBDR AZ-26	24240.9697	0.0192	0.8
DV	MARGARETVILLE	EBDR AZ-25 OLD	24723.9923	0.0336	1.4
DV	MARGARETVILLE	EBDR AZ-24	19929.6788	0.0101	0.5
DV	MARGARETVILLE	EBDR AZ-23	19151.3836	0.0127	0.7
DV	MARGARETVILLE	EBDR AZ-22	56191.2492	0.0412	0.7
DV	MARGARETVILLE	EBDR AZ-21	55499.8936	0.0082	0.1
DV	MARGARETVILLE	EBDR AZ-20	30700.7412	0.0213	0.7
DV	MARGARETVILLE	EBDR AZ-2	41168.5164	0.0454	1.1
DV	MARGARETVILLE	EBDR AZ-19	31306.2650	0.0193	0.6
DV	MARGARETVILLE	EBDR AZ-18	25900.3833	0.0063	0.2
DV	MARGARETVILLE	EBDR AZ-17	25395.2876	0.0254	1.0
DV	MARGARETVILLE	EBDR AZ-16 OLD	18947.3155	0.0350	1.8
DV	MARGARETVILLE	EBDR AZ-15	18266.1651	0.0448	2.5
DV	MARGARETVILLE	EBDR AZ-14 OLD	7044.7273	0.0054	0.8
DV	MARGARETVILLE	EBDR AZ-13 OLD	7266.5596	0.0215	3.0
DV	MARGARETVILLE	EBDR AZ-12	5209.6564	0.0177	3.4
DV	MARGARETVILLE	EBDR AZ-11	5921.2600	0.0192	3.2
DV	MARGARETVILLE	EBDR AZ-10	290.7967	0.0143	49.1
DV	MARGARETVILLE	EBDR AZ-1	41480.1739	0.0397	1.0
DV	MARGARETVILLE	ASH AZ-8	67680.6649	0.0299	0.4
DV	MARGARETVILLE	ASH AZ-7	67143.3831	0.0557	0.8
DV	MARGARETVILLE	ASH AZ-6 OLD	46124.9818	0.0784	1.7
DV	MARGARETVILLE	ASH AZ-5 OLD	45759.2715	0.0543	1.2
DV	MARGARETVILLE	ASH AZ-3	56765.8205	0.0465	0.8
DV	MARGARETVILLE	ASH AZ-23	128301.9829	0.0243	0.2
DV	MARGARETVILLE	ASH AZ-18	92304.0309	0.0301	0.3
DV	MARGARETVILLE	ASH AZ-17	92546.2782	0.0168	0.2
DV	MARGARETVILLE	ASH AZ-16	95459.9708	0.0359	0.4
DV	MARGARETVILLE	ASH AZ-15	94923.8520	0.0379	0.4
DV	MARGARETVILLE	ASH AZ-14	103857.8268	0.0643	0.6
DV	MARGARETVILLE	ASH AZ-13	104639.3129	0.0474	0.5
DV	DELHI	WBDR AZ-22	4555.9683	0.0050	1.1
DV	DELHI	WBDR AZ-21	5105.8810	0.0052	1.0
DV	DELHI	WBDR AZ-20	1603.9474	0.0178	11.1
DV	DELHI	WBDR AZ-19 OLD	1393.8976	0.0063	4.5
DV	DELHI	WBDR AZ-16 OLD	26554.4685	0.0142	0.5
DV	DELHI	WBDR AZ-15	26832.5300	0.0139	0.5
DV	DELHI	WBDR AZ-14	36104.3404	0.0257	0.7
DV	DELHI	WBDR AZ-13	35710.3617	0.0290	0.8
DV	DELHI	WBDR AZ-12	34132.2008	0.0208	0.6
DV	DELHI	WBDR AZ-11	33919.2232	0.0265	0.8
DV	WBDR AZ-20	WBDR AZ-19 OLD	1096.5350	0.0145	13.2
DV	SUNDOWN	ROND AZ-8	2875.0283	0.0042	1.5
DV	SUNDOWN	ROND AZ-7	2102.7218	0.0037	1.8
DV	SUNDOWN	ROND AZ-6	9122.3704	0.0203	2.2
DV	SUNDOWN	ROND AZ-5	8799.0583	0.0134	1.5
DV	SUNDOWN	ROND AZ-4	17433.9488	0.0036	0.2
DV					

	SUNDOWN	ROND AZ-3	18162.8173	0.0091	0.5
DV	SUNDOWN	ROND AZ-2	18852.7738	0.0187	1.0
DV	SUNDOWN	ROND AZ-1	18632.7566	0.0172	0.9
DV	SUNDOWN	NEV AZ-4	28819.1485	0.0153	0.5
DV	SUNDOWN	NEV AZ-3	28724.8706	0.0100	0.3
DV	SUNDOWN	NEV AZ-2	28653.6588	0.0271	0.9
DV	SUNDOWN	NEV AZ-1	29487.5940	0.0427	1.4
DV	WBDR AZ-2	WBDR AZ-1	1041.7205	0.0059	5.7
DV	NYON	WBDR AZ-9	95196.1561	0.0126	0.1
DV	NYON	WBDR AZ-8	85330.0019	0.0288	0.3
DV	NYON	WBDR AZ-7	86310.5858	0.0013	0.0
DV	NYON	WBDR AZ-6	89897.0892	0.0202	0.2
DV	NYON	WBDR AZ-5	90624.4440	0.0304	0.3
DV	NYON	WBDR AZ-4	98362.6411	0.0300	0.3
DV	NYON	WBDR AZ-3	98861.7500	0.0361	0.4
DV	NYON	WBDR AZ-28	121977.8300	0.0545	0.4
DV	NYON	WBDR AZ-26	111570.1784	0.0827	0.7
DV	NYON	WBDR AZ-25	110857.3875	0.0166	0.1
DV	NYON	WBDR AZ-24	89860.9076	0.0267	0.3
DV	NYON	WBDR AZ-22	79961.1176	0.0179	0.2
DV	NYON	WBDR AZ-21	79900.3011	0.0257	0.3
DV	NYON	WBDR AZ-20	80519.5013	0.0439	0.5
DV	NYON	WBDR AZ-2	104284.8548	0.0238	0.2
DV	NYON	WBDR AZ-19 OLD	79576.1930	0.0493	0.6
DV	NYON	WBDR AZ-18	108813.3382	0.0426	0.4
DV	NYON	WBDR AZ-17	108933.6452	0.0586	0.5
DV	NYON	WBDR AZ-16 OLD	91587.3967	0.0268	0.3
DV	NYON	WBDR AZ-15	92254.2530	0.0179	0.2
DV	NYON	WBDR AZ-14	97352.4762	0.0221	0.2
DV	NYON	WBDR AZ-13	96548.8168	0.0141	0.1
DV	NYON	WBDR AZ-12	67374.3002	0.0419	0.6
DV	NYON	WBDR AZ-11	68781.5974	0.0464	0.7
DV	NYON	WBDR AZ-1	104786.7796	0.0498	0.5
DV	NYON	EBDR AZ-8	154989.2029	0.0431	0.3
DV	NYON	EBDR AZ-7 OLD	155032.4530	0.0378	0.2
DV	NYON	EBDR AZ-6	160609.2820	0.0820	0.5
DV	NYON	EBDR AZ-5	161215.8206	0.0722	0.4
DV	NYON	EBDR AZ-3	127592.7358	0.0307	0.2
DV	NYON	EBDR AZ-22	157883.3944	0.0345	0.2
DV	NYON	EBDR AZ-21	157829.3976	0.0218	0.1
DV	NYON	EBDR AZ-2	132209.8956	0.0428	0.3
DV	NYON	EBDR AZ-17	162490.8019	0.0498	0.3
DV	NYON	EBDR AZ-1	132266.1565	0.0307	0.2
DV	NYKT	ROND AZ-8	133229.4630	0.0115	0.1
DV	NYKT	ROND AZ-7	133852.1766	0.0454	0.3
DV	NYKT	ROND AZ-6	143850.2148	0.0243	0.2
DV	NYKT	ROND AZ-5	143589.7876	0.0240	0.2
DV	NYKT	ROND AZ-4	151269.0079	0.0488	0.3
DV	NYKT	ROND AZ-2	118698.0789	0.0313	0.3
DV	NYKT	ROND AZ-1	119189.9476	0.0417	0.4
DV	NYKT	NEV AZ-3	142166.6866	0.0783	0.6
DV	NYKT	EBDR AZ-28	158023.7013	0.0960	0.6
DV	NYKT	EBDR AZ-27	158482.2974	0.0383	0.2
DV	NYKT	EBDR AZ-25 OLD	163778.8762	0.0278	0.2
DV					

	NYKT	EBDR AZ-24	163942.1530	0.0475	0.3
DV	NYKT	ASH AZ-8	120280.0788	0.0436	0.4
DV	NYKT	ASH AZ-7	121042.1705	0.0779	0.6
DV	NYKT	ASH AZ-5 OLD	140996.5556	0.0201	0.1
DV	NYKT	ASH AZ-4	127251.9788	0.0531	0.4
DV	NYKT	ASH AZ-30 OLD	67941.9147	0.0474	0.7
DV	NYKT	ASH AZ-3	127783.8538	0.0303	0.2
DV	NYKT	ASH AZ-29 OLD	68107.9320	0.0525	0.8
DV	NYKT	ASH AZ-28	69144.8370	0.0355	0.5
DV	NYKT	ASH AZ-27	68677.1294	0.0628	0.9
DV	NYKT	ASH AZ-26 OLD	75438.5192	0.0331	0.4
DV	NYKT	ASH AZ-25 OLD	75043.0095	0.0563	0.8
DV	NYKT	ASH AZ-24	64154.2099	0.0820	1.3
DV	NYKT	ASH AZ-23	63309.8913	0.0544	0.9
DV	NYKT	ASH AZ-22 OLD	72076.6774	0.0323	0.4
DV	NYKT	ASH AZ-21 OLD	72283.0336	0.0462	0.6
DV	NYKT	ASH AZ-20	88825.2025	0.0495	0.6
DV	NYKT	ASH AZ-2	120072.2302	0.0105	0.1
DV	NYKT	ASH AZ-19	89003.4863	0.0420	0.5
DV	NYKT	ASH AZ-18	93902.7029	0.0501	0.5
DV	NYKT	ASH AZ-17	93877.7883	0.0211	0.2
DV	NYKT	ASH AZ-16	94329.2391	0.0457	0.5
DV	NYKT	ASH AZ-15	94679.1925	0.0260	0.3
DV	NYKT	ASH AZ-14	94280.8317	0.0224	0.2
DV	NYKT	ASH AZ-13	93974.8153	0.0316	0.3
DV	NYKT	ASH AZ-12 OLD	111187.8327	0.0303	0.3
DV	NYKT	ASH AZ-11 OLD	111803.6364	0.0823	0.7
DV	NYKT	ASH AZ-10	130151.0082	0.0139	0.1
DV	NYKT	ASH AZ-1	119570.7563	0.0201	0.2
DV	NYHS	ASH AZ-26 OLD	161455.2989	0.0213	0.1
DV	NYHS	ASH AZ-25 OLD	161532.6020	0.0106	0.1
DV	NYHS	ASH AZ-23	134184.4347	0.0731	0.5
DV	NYHS	ASH AZ-22 OLD	142706.3797	0.0371	0.3
DV	NYHS	ASH AZ-21 OLD	141983.6983	0.0454	0.3
DV	NYHS	ASH AZ-20	163968.4647	0.0398	0.2
DV	NYHS	ASH AZ-19	163632.3166	0.0337	0.2
DV	NYHS	ASH AZ-16	156765.4995	0.0681	0.4
DV	NYHS	ASH AZ-15	157353.8136	0.0785	0.5
DV	NYHS	ASH AZ-14	144195.0198	0.0520	0.4
DV	NYHS	ASH AZ-13	143334.7122	0.1135	0.8
DV	NYHC	WBDR AZ-9	94133.2742	0.0653	0.7
DV	NYHC	WBDR AZ-8	101961.9834	0.0526	0.5
DV	NYHC	WBDR AZ-7	100943.0935	0.0195	0.2
DV	NYHC	WBDR AZ-6	94075.8866	0.0137	0.1
DV	NYHC	WBDR AZ-5	93555.3698	0.0291	0.3
DV	NYHC	WBDR AZ-4	88714.7680	0.0416	0.5
DV	NYHC	WBDR AZ-3	88155.0915	0.0487	0.6
DV	NYHC	WBDR AZ-22	155745.3560	0.0171	0.1
DV	NYHC	WBDR AZ-21	156322.2114	0.0160	0.1
DV	NYHC	WBDR AZ-20	151951.0775	0.0234	0.2
DV	NYHC	WBDR AZ-2	80652.4733	0.0403	0.5
DV	NYHC	WBDR AZ-19 OLD	152644.5676	0.0137	0.1
DV	NYHC	WBDR AZ-16 OLD	125370.1757	0.0355	0.3
DV	NYHC	WBDR AZ-15	125239.3236	0.0449	0.4
DV					

	NYHC	WBDR AZ-14	116020.5213	0.0214	0.2
DV	NYHC	WBDR AZ-13	116255.2750	0.0187	0.2
DV	NYHC	WBDR AZ-12	128141.0582	0.0142	0.1
DV	NYHC	WBDR AZ-11	127193.6841	0.0282	0.2
DV	NYHC	WBDR AZ-10	94600.1303	0.0251	0.3
DV	NYHC	WBDR AZ-1	79882.2630	0.0669	0.8
DV	NYHC	EBDR AZ-3	160213.0586	0.0896	0.6
DV	NYHC	EBDR AZ-2	154322.3610	0.0804	0.5
DV	NYHC	EBDR AZ-1	153822.0543	0.0693	0.5
DV	NYCS	WBDR AZ-28	118718.6777	0.0473	0.4
DV	NYCS	WBDR AZ-27	119166.0064	0.0484	0.4
DV	NYCS	WBDR AZ-26	133669.0901	0.0327	0.2
DV	NYCS	WBDR AZ-25	133852.9152	0.0423	0.3
DV	NYCS	WBDR AZ-24	156334.6699	0.0270	0.2
DV	NYCS	WBDR AZ-23	157134.2554	0.0245	0.2
DV	NYCS	WBDR AZ-15	213288.3036	0.0350	0.2
DV	NYCS	EBDR AZ-22	138958.3392	0.0656	0.5
DV	NYCS	EBDR AZ-21	139621.9937	0.0353	0.3
DV	ASH AZ-29 NEW	ASH AZ-30 NEW	195.1455	0.0164	84.1
DV	ASH AZ-29 NEW	ASH AZ-30 NEW	195.1455	0.0286	146.8
DV	ASH AZ-12 NEW	ASH AZ 11 NEW	1028.2290	0.0450	43.8
DV	ASH AZ-12 NEW	ASH AZ 11 NEW	1028.2290	0.0318	30.9
DV	ASH AZ-5 NEW	ASH AZ 6 NEW	538.7003	0.0355	65.9
DV	ASH AZ-5 NEW	ASH AZ 6 NEW	538.7003	0.0164	30.4
DV	EBDR AZ-16 NEW	EBDR AZ-14 NEW	11181.5668	0.0405	3.6
DV	EBDR AZ-16 NEW	EBDR AZ-14 NEW	11181.5668	0.0312	2.8
DV	ASH AZ-25 NEW	ASH AZ-26 NEW	2423.0709	0.0026	1.1
DV	ASH AZ-25 NEW	ASH AZ-26 NEW	2423.0709	0.0106	4.4
DV	SHANDAKEN	ASH AZ 11 NEW	1960.1186	0.0133	6.8
DV	SHANDAKEN	ASH AZ 11 NEW	1960.1186	0.0133	6.8
DV	ASH AZ-21 OLD	U279 RESET 1973	1203.8627	0.0676	56.1
DV	ASH AZ-21 OLD	U279 RESET 1973	1203.8627	0.0333	27.6
DV	ASH AZ-21 OLD	NYSDOT 8-U-047	9.0055	0.0324	3603.8
DV	ASH AZ-21 OLD	NYSDOT 8-U-047	9.0055	0.0257	2853.3
DV	EBDR AZ-25 OLD	EBDR AZ-25 NEW	107.5202	0.0131	121.6
DV	EBDR AZ-25 OLD	EBDR AZ-25 NEW	107.5202	0.0609	566.7
DV	EBDR AZ-14 OLD	EBDR AZ-16 NEW	13716.1483	0.0291	2.1
DV	EBDR AZ-14 OLD	EBDR AZ-16 NEW	13716.1483	0.0572	4.2
DV	WBDR AZ-19 OLD	D309 RESET 1995	54.6715	0.0143	260.8
DV	WBDR AZ-19 OLD	D309 RESET 1995	54.6715	0.0374	684.6
DV	ASH AZ-10	ASH AZ-9	698.5576	0.0339	48.5
DV	ASH AZ-10	ASH AZ-9	698.5576	0.0501	71.7
DV	ASH AZ-25 OLD	ASH AZ-26 NEW	2409.8123	0.0194	8.0
DV	ASH AZ-25 OLD	ASH AZ-26 NEW	2409.8123	0.0182	7.6
DV	ASH AZ-25 OLD	ASH AZ-25 NEW	17.4202	0.0130	746.7
DV	ASH AZ-25 OLD	ASH AZ-25 NEW	17.4202	0.0188	1079.9
DV	ASH AZ-26 OLD	ASH AZ-26 NEW	1886.8591	0.0116	6.1
DV	ASH AZ-26 OLD	ASH AZ-26 NEW	1886.8591	0.0200	10.6
DV	ASH AZ-26 OLD	ASH AZ-25 NEW	536.7327	0.0145	27.1
DV	ASH AZ-26 OLD	ASH AZ-25 NEW	536.7327	0.0169	31.4

DV	ASH AZ-22 OLD	U279 RESET 1973	349.2051	0.0282	80.8
DV	ASH AZ-22 OLD	U279 RESET 1973	349.2051	0.0335	96.0
DV	ASH AZ-22 OLD	NYS DOT 8-U-047	870.2989	0.0270	31.0
DV	ASH AZ-22 OLD	NYS DOT 8-U-047	870.2989	0.0198	22.7
DV	WBDR AZ-16 OLD	WBDR AZ-16 NEW	897.8558	0.0488	54.4
DV	WBDR AZ-16 OLD	WBDR AZ-16 NEW	897.8558	0.0677	75.4
DV	WBDR AZ-15	WBDR AZ-16 NEW	1329.4989	0.0856	64.4
DV	WBDR AZ-15	WBDR AZ-16 NEW	1329.4989	0.0738	55.5
DV	EBDR AZ-26	EBDR AZ-25 NEW	462.1397	0.0131	28.3
DV	EBDR AZ-26	EBDR AZ-25 NEW	462.1397	0.0318	68.8
DV	ASH AZ-27	ASH AZ-28	863.1975	0.0179	20.7
DV	ASH AZ-27	ASH AZ-28	863.1975	0.0330	38.2
DV	ASH AZ-5 OLD	ASH AZ-5 NEW	1945.1309	0.0146	7.5
DV	ASH AZ-5 OLD	ASH AZ-5 NEW	1945.1309	0.0286	14.7
DV	ASH AZ-11 OLD	ASH AZ-12 NEW	1651.9848	0.0669	40.5
DV	ASH AZ-11 OLD	ASH AZ-12 NEW	1651.9848	0.0430	26.0
DV	EBDR AZ-13 OLD	EBDR AZ-16 NEW	12994.6331	0.0372	2.9
DV	EBDR AZ-13 OLD	EBDR AZ-16 NEW	12994.6331	0.0559	4.3
DV	EBDR AZ-15	EBDR AZ-16 NEW	913.2581	0.0033	3.6
DV	EBDR AZ-15	EBDR AZ-16 NEW	913.2581	0.0239	26.1
DV	ASH AZ-1	ASH AZ-2	642.1317	0.0121	18.9
DV	ASH AZ-1	ASH AZ-2	642.1317	0.0289	45.0
DV	SOUTH KORTRIGHT	WBDR AZ-29	32850.6306	0.0613	1.9
DV	SOUTH KORTRIGHT	WBDR AZ-29	32850.6306	0.0273	0.8
DV	WBDR AZ-20	D309 RESET 1995	1042.5186	0.0541	51.9
DV	WBDR AZ-20	D309 RESET 1995	1042.5186	0.0564	54.1
DV	NYON	WBDR AZ-30	131199.8583	0.0437	0.3
DV	NYON	WBDR AZ-30	131199.8583	0.0174	0.1
DV	NYON	WBDR AZ-29	131530.1675	0.0204	0.2
DV	NYON	WBDR AZ-29	131530.1675	0.0313	0.2
DV	NYON	WBDR AZ-23	89184.6174	0.0802	0.9
DV	NYON	WBDR AZ-23	89184.6174	0.0427	0.5
DV	NYCS	WBDR AZ-29	103875.8207	0.0474	0.5
DV	NYCS	WBDR AZ-29	103875.8207	0.0280	0.3
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0235	46.0
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0661	129.3
DV	EBDR AZ-13 NEW	EBDR AZ-14 NEW	510.9605	0.0208	40.7
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9000	0.0231	1.8
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9000	0.0982	7.6
DV	EBDR AZ-14 OLD	EBDR AZ-15	12883.9000	0.0884	6.9
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0184	6.3
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0301	10.2
DV	EBDR AZ-14 OLD	EBDR AZ-14 NEW	2939.6171	0.0820	27.9
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0283	9.4
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0975	32.5
DV	EBDR AZ-14 OLD	EBDR AZ-13 NEW	2999.1208	0.0461	15.4

DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0193	23.8
DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0434	53.6
DV	EBDR AZ-13 OLD	EBDR AZ-14 OLD	809.4429	0.0587	72.5
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0171	8.0
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0364	17.1
DV	EBDR AZ-13 OLD	EBDR AZ-14 NEW	2130.4296	0.0315	14.8
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2711	0.0372	16.8
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2711	0.0806	36.5
DV	EBDR AZ-13 OLD	EBDR AZ-13 NEW	2209.2711	0.0521	23.6

External Reliability

Station		Ext Rel [fts]		Station	Target
ANDES	Latitude	0.0054	Latitude	ANDES	-
	Longitude	0.0049	Longitude	ANDES	-
	Height	0.0185	Height	ANDES	-
ASH AZ 11 NEW	Latitude	0.0354	Latitude	SHANDAKEN	-
	Longitude	0.0233	DX	SHANDAKEN	ASH AZ 11 NEW
	Height	0.0780	Height	SHANDAKEN	-
ASH AZ 6 NEW	Latitude	0.0883	DY	ASH AZ-5 NEW	ASH AZ 6 NEW
	Longitude	0.0842	DX	ASH AZ-5 NEW	ASH AZ 6 NEW
	Height	-0.1019	DY	ASH AZ-5 NEW	ASH AZ 6 NEW
ASH AZ-1	Latitude	0.0257	DZ	NYKT	ASH AZ-1
	Longitude	0.0271	DX	NYKT	ASH AZ-1
	Height	0.0276	Height	NYKT	-
ASH AZ-10	Latitude	0.0532	DZ	NYKT	ASH AZ-10
	Longitude	0.0446	DX	NYKT	ASH AZ-10
	Height	-0.0528	DY	NYKT	ASH AZ-10
ASH AZ-11 OLD	Latitude	0.0246	Latitude	SHANDAKEN	-
	Longitude	0.0127	Longitude	SHANDAKEN	-
	Height	0.0575	Height	SHANDAKEN	-
ASH AZ-12 NEW	Latitude	0.0327	Latitude	SHANDAKEN	-
	Longitude	0.0192	DX	ASH AZ-11 OLD	ASH AZ-12 NEW
	Height	0.0716	Height	SHANDAKEN	-
ASH AZ-12 OLD	Latitude	0.0130	DY	ASH AZ-11 OLD	ASH AZ-12 OLD
	Longitude	0.0104	DX	BOICEVILLE	ASH AZ-12 OLD
	Height	-0.0193	DY	ASH AZ-11 OLD	ASH AZ-12 OLD
ASH AZ-13	Latitude	0.0158	DZ	BOICEVILLE	ASH AZ-13
	Longitude	0.0128	DX	BOICEVILLE	ASH AZ-13
	Height	0.0226	Height	NYKT	-
ASH AZ-14	Latitude	0.0210	DZ	ASH AZ-13	ASH AZ-14
	Longitude	0.0175	DX	ASH AZ-13	ASH AZ-14
	Height	0.0230	Height	NYKT	-
ASH AZ-15	Latitude	0.0127	DY	ASH AZ-16	ASH AZ-15
	Longitude	0.0127	DX	ASH AZ-16	ASH AZ-15
	Height	0.0232	Height	NYKT	-
ASH AZ-16	Latitude	0.0117	DY	BOICEVILLE	ASH AZ-16
	Longitude	0.0117	DX	BOICEVILLE	ASH AZ-16
	Height	0.0233	Height	NYKT	-
ASH AZ-17	Latitude	0.0168	DZ	ASH AZ-18	ASH AZ-17
	Longitude	0.0149	DX	ASH AZ-18	ASH AZ-17
	Height	0.0215	Height	NYKT	-

ASH AZ-18	Latitude	0.0124	DZ	BOICEVILLE	ASH AZ-18
	Longitude	0.0111	DX	BOICEVILLE	ASH AZ-18
	Height	0.0219	Height	NYKT	-
ASH AZ-19	Latitude	0.0103	DY	BOICEVILLE	ASH AZ-19
	Longitude	-0.0064	DX	ASH AZ-19	ASH AZ-20
	Height	0.0244	Height	NYKT	-
ASH AZ-2	Latitude	0.0243	DZ	NYKT	ASH AZ-1
	Longitude	0.0255	DX	NYKT	ASH AZ-1
	Height	-0.0308	DY	ASH AZ-1	ASH AZ-2
ASH AZ-20	Latitude	0.0111	DY	ASH AZ-19	ASH AZ-20
	Longitude	0.0067	DX	ASH AZ-19	ASH AZ-20
	Height	0.0246	Height	NYKT	-
ASH AZ-21 OLD	Latitude	0.0081	Latitude	NYKT	-
	Longitude	0.0063	DX	BOICEVILLE	ASH AZ-21 OLD
	Height	0.0256	Height	NYKT	-
ASH AZ-22 OLD	Latitude	0.0081	Latitude	NYKT	-
	Longitude	0.0061	Longitude	NYKT	-
	Height	0.0259	Height	NYKT	-
ASH AZ-23	Latitude	0.0301	DZ	BOICEVILLE	ASH AZ-23
	Longitude	0.0235	DX	BOICEVILLE	ASH AZ-23
	Height	-0.0295	DY	BOICEVILLE	ASH AZ-23
ASH AZ-24	Latitude	0.0397	DZ	BOICEVILLE	ASH AZ-24
	Longitude	0.0306	DX	BOICEVILLE	ASH AZ-24
	Height	-0.0382	DY	BOICEVILLE	ASH AZ-24
ASH AZ-25 NEW	Latitude	0.0094	DZ	ASH AZ-25 OLD	ASH AZ-25 NEW
	Longitude	0.0081	DX	ASH AZ-25 OLD	ASH AZ-25 NEW
	Height	0.0256	Height	NYKT	-
ASH AZ-25 OLD	Latitude	0.0082	Latitude	NYKT	-
	Longitude	0.0062	Longitude	NYKT	-
	Height	0.0256	Height	NYKT	-
ASH AZ-26 NEW	Latitude	0.0082	Latitude	NYKT	-
	Longitude	0.0068	DX	ASH AZ-26 OLD	ASH AZ-26 NEW
	Height	0.0256	Height	NYKT	-
ASH AZ-26 OLD	Latitude	0.0082	Latitude	NYKT	-
	Longitude	0.0062	Longitude	NYKT	-
	Height	0.0256	Height	NYKT	-
ASH AZ-27	Latitude	0.0084	Latitude	NYKT	-
	Longitude	0.0064	Longitude	NYKT	-
	Height	0.0256	Height	NYKT	-
ASH AZ-28	Latitude	0.0085	Latitude	NYKT	-
	Longitude	0.0065	Longitude	NYKT	-
	Height	0.0258	Height	NYKT	-
ASH AZ-29 NEW	Latitude	0.0528	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
	Longitude	0.0533	DX	ASH AZ-29 OLD	ASH AZ-29 NEW
	Height	-0.0592	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
ASH AZ-29 OLD	Latitude	0.0175	DY	BOICEVILLE	ASH AZ-29 OLD
	Longitude	0.0117	DX	BOICEVILLE	ASH AZ-29 OLD
	Height	0.0250	Height	NYKT	-

ASH AZ-3	Latitude	0.0155	DZ	FLEISCHMANNNS 2	ASH AZ-3
	Longitude	0.0149	DX	FLEISCHMANNNS 2	ASH AZ-3
	Height	0.0189	Height	NYKT	-
ASH AZ-30 NEW	Latitude	0.0528	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
	Longitude	0.0533	DX	ASH AZ-29 OLD	ASH AZ-29 NEW
	Height	-0.0592	DY	ASH AZ-29 OLD	ASH AZ-29 NEW
ASH AZ-30 OLD	Latitude	0.0141	DY	BOICEVILLE	ASH AZ-30 OLD
	Longitude	0.0094	DX	BOICEVILLE	ASH AZ-30 OLD
	Height	0.0253	Height	NYKT	-
ASH AZ-4	Latitude	0.0333	DZ	ASH AZ-3	ASH AZ-4
	Longitude	0.0275	DX	ASH AZ-3	ASH AZ-4
	Height	0.0331	DZ	ASH AZ-3	ASH AZ-4
ASH AZ-5 NEW	Latitude	0.0549	DY	ASH AZ-5 OLD	ASH AZ-5 NEW
	Longitude	0.0425	DX	ASH AZ-5 OLD	ASH AZ-5 NEW
	Height	-0.0574	DY	ASH AZ-5 OLD	ASH AZ-5 NEW
ASH AZ-5 OLD	Latitude	0.0095	DY	FLEISCHMANNNS 2	ASH AZ-5 OLD
	Longitude	0.0089	DX	FLEISCHMANNNS 2	ASH AZ-5 OLD
	Height	0.0156	Height	NYKT	-
ASH AZ-6 OLD	Latitude	0.0166	DY	ASH AZ-5 OLD	ASH AZ-6 OLD
	Longitude	0.0139	DX	ASH AZ-5 OLD	ASH AZ-6 OLD
	Height	-0.0192	DY	ASH AZ-5 OLD	ASH AZ-6 OLD
ASH AZ-7	Latitude	-0.0149	DY	ASH AZ-7	ASH AZ-8
	Longitude	-0.0092	DX	ASH AZ-7	ASH AZ-8
	Height	0.0235	Height	NYKT	-
ASH AZ-8	Latitude	0.0109	DY	ASH AZ-7	ASH AZ-8
	Longitude	0.0064	DX	FLEISCHMANNNS 2	ASH AZ-8
	Height	0.0220	Height	NYKT	-
ASH AZ-9	Latitude	0.0515	DZ	NYKT	ASH AZ-10
	Longitude	0.0445	DX	ASH AZ-10	ASH AZ-9
	Height	-0.0589	DY	ASH AZ-10	ASH AZ-9
BOICEVILLE	Latitude	0.0075	Latitude	NYKT	-
	Longitude	0.0058	Longitude	NYKT	-
	Height	0.0239	Height	NYKT	-
CLARYVILLE	Latitude	0.0105	Latitude	NYKT	-
	Longitude	0.0078	Longitude	NYKT	-
	Height	0.0265	Height	NYKT	-
D309 RESET 1995	Latitude	0.0150	DZ	WBDR AZ-19 OLD	D309 RESET 1995
	Longitude	0.0174	DX	WBDR AZ-19 OLD	D309 RESET 1995
	Height	-0.0157	DY	WBDR AZ-19 OLD	D309 RESET 1995
DELHI	Latitude	0.0051	Latitude	NYHC	-
	Longitude	0.0042	Longitude	NYHC	-
	Height	0.0124	Height	WALTON	-
EBDR AZ 7 NEW	Latitude	0.0502	DZ	EBDR AZ-8	EBDR AZ 7 NEW

	Longitude	0.0533	DX	EBDR AZ-8	EBDR AZ 7 NEW
	Height	-0.0520	DY	EBDR AZ-8	EBDR AZ 7 NEW
EBDR AZ-1	Latitude	0.0061	DZ	ANDES	EBDR AZ-1
	Longitude	0.0057	DX	ANDES	EBDR AZ-1
	Height	0.0133	Height	ANDES	-
EBDR AZ-10	Latitude	0.0095	DZ	MARGARETVILLE	EBDR AZ-10
	Longitude	0.0063	DX	MARGARETVILLE	EBDR AZ-10
	Height	0.0157	Height	MARGARETVILLE	-
EBDR AZ-11	Latitude	0.0177	DZ	MARGARETVILLE	EBDR AZ-11
	Longitude	0.0164	DX	MARGARETVILLE	EBDR AZ-11
	Height	-0.0191	DY	MARGARETVILLE	EBDR AZ-11
EBDR AZ-12	Latitude	0.0157	DZ	MARGARETVILLE	EBDR AZ-12
	Longitude	0.0144	DX	MARGARETVILLE	EBDR AZ-12
	Height	-0.0171	DY	MARGARETVILLE	EBDR AZ-12
EBDR AZ-13 NEW	Latitude	-0.0118	DZ	EBDR AZ-13 NEW	EBDR AZ-14 NEW
	Longitude	-0.0104	DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW
	Height	0.0147	Height	MARGARETVILLE	-
EBDR AZ-13 OLD	Latitude	0.0085	DZ	MARGARETVILLE	EBDR AZ-13 OLD
	Longitude	0.0089	DX	MARGARETVILLE	EBDR AZ-13 OLD
	Height	0.0148	Height	MARGARETVILLE	-
EBDR AZ-14 NEW	Latitude	0.0095	DZ	EBDR AZ-13 OLD	EBDR AZ-14 NEW
	Longitude	0.0073	DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW
	Height	0.0147	Height	MARGARETVILLE	-
EBDR AZ-14 OLD	Latitude	0.0075	DZ	MARGARETVILLE	EBDR AZ-14 OLD
	Longitude	0.0077	DX	MARGARETVILLE	EBDR AZ-14 OLD
	Height	0.0147	Height	MARGARETVILLE	-
EBDR AZ-15	Latitude	0.0064	DZ	MARGARETVILLE	EBDR AZ-15
	Longitude	0.0061	DX	MARGARETVILLE	EBDR AZ-15
	Height	0.0143	Height	MARGARETVILLE	-
EBDR AZ-16 NEW	Latitude	0.0149	DY	EBDR AZ-15	EBDR AZ-16 NEW
	Longitude	0.0113	DX	EBDR AZ-15	EBDR AZ-16 NEW
	Height	0.0205	DZ	EBDR AZ-15	EBDR AZ-16 NEW
EBDR AZ-16 OLD	Latitude	0.0119	DZ	EBDR AZ-15	EBDR AZ-16 OLD
	Longitude	0.0113	DX	EBDR AZ-15	EBDR AZ-16 OLD
	Height	0.0146	Height	MARGARETVILLE	-
EBDR AZ-17	Latitude	0.0100	DZ	MARGARETVILLE	EBDR AZ-17
	Longitude	0.0179	DX	EBDR AZ-18	EBDR AZ-17
	Height	0.0143	Height	MARGARETVILLE	-
EBDR AZ-18	Latitude	-0.0110	DZ	EBDR AZ-18	EBDR AZ-17
	Longitude	0.0125	DX	FLEISCHMANNS	EBDR AZ-18

				2	
	Height	-0.0176	DX	EBDR AZ-18	EBDR AZ-17
EBDR AZ-19	Latitude	0.0173	DY	FLEISCHMANNSS	EBDR AZ-19
				2	
	Longitude	0.0116	DX	FLEISCHMANNSS	EBDR AZ-19
				2	
	Height	-0.0200	DY	FLEISCHMANNSS	EBDR AZ-19
				2	
EBDR AZ-2	Latitude	0.0099	DZ	EBDR AZ-1	EBDR AZ-2
	Longitude	0.0093	DX	EBDR AZ-1	EBDR AZ-2
	Height	0.0133	Height	ANDES	-
EBDR AZ-20	Latitude	0.0132	DY	FLEISCHMANNSS	EBDR AZ-20
				2	
	Longitude	0.0091	DX	FLEISCHMANNSS	EBDR AZ-20
				2	
	Height	-0.0151	DY	FLEISCHMANNSS	EBDR AZ-20
				2	
EBDR AZ-21	Latitude	0.0164	DY	EBDR AZ-22	EBDR AZ-21
	Longitude	0.0148	DX	EBDR AZ-22	EBDR AZ-21
				FLEISCHMANNSS	EBDR AZ-21
	Height	-0.0190	DY	2	
EBDR AZ-22	Latitude	-0.0140	DY	EBDR AZ-22	EBDR AZ-21
	Longitude	-0.0103	DX	EBDR AZ-22	EBDR AZ-21
	Height	0.0177	DY	EBDR AZ-22	EBDR AZ-21
EBDR AZ-23	Latitude	0.0112	DY	FLEISCHMANNSS	EBDR AZ-23
				2	
	Longitude	0.0099	DX	FLEISCHMANNSS	EBDR AZ-23
				2	
	Height	0.0142	Height	MARGARETVILLE -	
EBDR AZ-24	Latitude	0.0116	DY	FLEISCHMANNSS	EBDR AZ-24
				2	
	Longitude	0.0101	DX	FLEISCHMANNSS	EBDR AZ-24
				2	
	Height	0.0135	Height	MARGARETVILLE -	
EBDR AZ-25 NEW	Latitude	0.0202	DZ	EBDR AZ-26	EBDR AZ-25 NEW
	Longitude	0.0162	DX	EBDR AZ-26	EBDR AZ-25 NEW
	Height	-0.0215	DY	EBDR AZ-26	EBDR AZ-25 NEW
EBDR AZ-25 OLD	Latitude	0.0100	DZ	FLEISCHMANNSS	EBDR AZ-25 OLD
				2	
	Longitude	0.0080	DX	FLEISCHMANNSS	EBDR AZ-25 OLD
				2	
	Height	0.0146	Height	MARGARETVILLE -	
EBDR AZ-26	Latitude	0.0092	DZ	MARGARETVILLE	EBDR AZ-26
				FLEISCHMANNSS	EBDR AZ-26
	Longitude	0.0066	DX	2	
	Height	0.0150	Height	MARGARETVILLE -	
EBDR AZ-27	Latitude	0.0174	DZ	FLEISCHMANNSS	EBDR AZ-27
				2	
	Longitude	0.0133	DX	FLEISCHMANNSS	EBDR AZ-27
				2	
	Height	0.0173	DZ	FLEISCHMANNSS	EBDR AZ-27
				2	
				FLEISCHMANNSS	

EBDR AZ-28	Latitude	0.0166	DZ	2	EBDR AZ-28
	Longitude	0.0128	DX	FLEISCHMANN'S 2	EBDR AZ-28
	Height	0.0167	DZ	FLEISCHMANN'S 2	EBDR AZ-28
EBDR AZ-3	Latitude	-0.0226	DZ	EBDR AZ-3	EBDR AZ-4
	Longitude	-0.0229	DX	EBDR AZ-3	EBDR AZ-4
	Height	-0.0224	DX	EBDR AZ-3	EBDR AZ-17
EBDR AZ-4	Latitude	0.0231	DZ	ANDES	EBDR AZ-4
	Longitude	0.0246	DX	ANDES	EBDR AZ-4
	Height	-0.0190	DX	EBDR AZ-4	EBDR AZ-17
EBDR AZ-5	Latitude	-0.0113	DY	EBDR AZ-5	EBDR AZ-6
	Longitude	-0.0074	DX	EBDR AZ-5	EBDR AZ-6
	Height	0.0147	Height	MARGARETVILLE -	
EBDR AZ-6	Latitude	0.0123	DY	EBDR AZ-5	EBDR AZ-6
	Longitude	0.0080	DX	EBDR AZ-5	EBDR AZ-6
	Height	0.0146	Height	MARGARETVILLE -	
EBDR AZ-7 OLD	Latitude	0.0102	DY	MARGARETVILLE	EBDR AZ-7 OLD
	Longitude	0.0106	DX	MARGARETVILLE	EBDR AZ-7 OLD
	Height	0.0131	Height	MARGARETVILLE -	
EBDR AZ-8	Latitude	0.0103	DY	MARGARETVILLE	EBDR AZ-8
	Longitude	0.0101	DX	MARGARETVILLE	EBDR AZ-8
	Height	0.0132	Height	MARGARETVILLE -	
EBDR AZ-9	Latitude	0.0092	DZ	MARGARETVILLE	EBDR AZ-9
	Longitude	0.0060	DX	MARGARETVILLE	EBDR AZ-9
	Height	0.0156	Height	MARGARETVILLE -	
FLEISCHMANN'S 2	Latitude	0.0049	Latitude	MARGARETVILLE -	
	Longitude	0.0056	Longitude	FLEISCHMANN'S 2	
	Height	0.0123	Height	MARGARETVILLE -	
MARGARETVILLE	Latitude	0.0072	Latitude	MARGARETVILLE -	
	Longitude	0.0046	Longitude	MARGARETVILLE -	
	Height	0.0174	Height	MARGARETVILLE -	
NEV AZ-1	Latitude	0.0200	DY	CLARYVILLE	NEV AZ-1
	Longitude	0.0167	DX	CLARYVILLE	NEV AZ-1
	Height	0.0272	Height	NYKT	-
NEV AZ-2	Latitude	0.0166	DZ	NEV AZ-1	NEV AZ-2
	Longitude	0.0192	DX	NEV AZ-1	NEV AZ-2
	Height	0.0272	Height	NYKT	-
NEV AZ-3	Latitude	0.0110	Latitude	NYKT	-
	Longitude	0.0088	DX	CLARYVILLE	NEV AZ-3
	Height	0.0276	Height	NYKT	-
NEV AZ-4	Latitude	0.0112	DZ	CLARYVILLE	NEV AZ-4
	Longitude	0.0094	DX	CLARYVILLE	NEV AZ-4
	Height	0.0272	Height	NYKT	-
NYCS	Latitude	0.0166	Latitude	NYCS	-
	Longitude	0.0135	Longitude	NYCS	-
	Height	0.0123	Height	ANDES	-
NYHC	Latitude	0.0135	Latitude	NYHC	-
	Longitude	0.0112	Longitude	NYHC	-
	Height	0.0123	Height	ANDES	-
NYHS	Latitude	0.0246	Latitude	NYHS	-
	Longitude	0.0172	Longitude	NYHS	-

NYKT	Height	0.0246	Height	NYKT	-
	Latitude	0.0154	Latitude	NYKT	-
	Longitude	0.0112	Longitude	NYKT	-
NYON	Height	0.0363	Height	NYKT	-
	Latitude	0.0100	Latitude	NYON	-
	Longitude	0.0080	Longitude	NYON	-
NYS DOT 8-U-047	Height	0.0119	Height	ANDES	-
	Latitude	0.0110	DZ	ASH AZ-22 OLD	NYS DOT 8-U-047
	Longitude	0.0135	DX	ASH AZ-21 OLD	NYS DOT 8-U-047
PHOENICIA	Height	0.0257	Height	NYKT	-
	Latitude	0.0082	Latitude	NYKT	-
	Longitude	0.0062	Longitude	NYKT	-
ROND AZ-1	Height	0.0247	Height	NYKT	-
	Latitude	0.0116	DZ	ROND AZ-2	ROND AZ-1
	Longitude	0.0098	DX	ROND AZ-2	ROND AZ-1
ROND AZ-2	Height	0.0289	Height	NYKT	-
	Latitude	-0.0124	DZ	ROND AZ-2	ROND AZ-1
	Longitude	-0.0102	DX	ROND AZ-2	ROND AZ-1
ROND AZ-3	Height	0.0289	Height	NYKT	-
	Latitude	0.0111	DZ	CLARYVILLE	ROND AZ-3
	Longitude	-0.0092	DX	ROND AZ-3	ROND AZ-4
ROND AZ-4	Height	0.0279	Height	NYKT	-
	Latitude	0.0112	Latitude	NYKT	-
	Longitude	0.0091	DX	ROND AZ-3	ROND AZ-4
ROND AZ-5	Height	0.0282	Height	NYKT	-
	Latitude	0.0112	Latitude	NYKT	-
	Longitude	0.0082	Longitude	NYKT	-
ROND AZ-6	Height	0.0280	Height	NYKT	-
	Latitude	0.0111	Latitude	NYKT	-
	Longitude	0.0082	Longitude	NYKT	-
ROND AZ-7	Height	0.0279	Height	NYKT	-
	Latitude	0.0113	Latitude	NYKT	-
	Longitude	0.0094	DX	SUNDOWN	ROND AZ-7
ROND AZ-8	Height	0.0283	Height	NYKT	-
	Latitude	0.0113	Latitude	NYKT	-
	Longitude	0.0101	DX	SUNDOWN	ROND AZ-8
SHANDAKEN	Height	0.0282	Height	NYKT	-
	Latitude	0.0372	Latitude	SHANDAKEN	-
	Longitude	-0.0213	DX	SHANDAKEN	ASH AZ-11 OLD
SOUTH KORTRIGHT	Height	0.0823	Height	SHANDAKEN	-
	Latitude	-0.0091	DZ	SOUTH KORTRIGHT	WBDR AZ-28
	Longitude	-0.0059	DX	SOUTH KORTRIGHT	WBDR AZ-28
SUNDOWN	Height	0.0195	Height	SOUTH KORTRIGHT	-
	Latitude	0.0110	Latitude	NYKT	-
	Longitude	0.0081	Longitude	NYKT	-
U279 RESET 1973	Height	0.0275	Height	NYKT	-
	Latitude	0.0127	DZ	ASH AZ-22 OLD	U279 RESET 1973
	Longitude	0.0142	DX	ASH AZ-21 OLD	U279 RESET

					1973
	Height	0.0257	Height	NYKT	-
WALTON	Latitude	0.0048	Latitude	NYON	-
	Longitude	0.0038	Longitude	NYHC	-
	Height	0.0165	Height	WALTON	-
WBDR AZ-1	Latitude	0.0113	DZ	WALTON	WBDR AZ-1
	Longitude	0.0116	DX	WALTON	WBDR AZ-1
	Height	0.0138	Height	WALTON	-
WBDR AZ-10	Latitude	0.0231	DY	WALTON	WBDR AZ-10
	Longitude	0.0218	DX	WALTON	WBDR AZ-10
	Height	-0.0269	DY	WALTON	WBDR AZ-10
WBDR AZ-11	Latitude	0.0245	DY	WBDR AZ-12	WBDR AZ-11
	Longitude	0.0181	DX	WBDR AZ-12	WBDR AZ-11
	Height	-0.0265	DY	WBDR AZ-12	WBDR AZ-11
WBDR AZ-12	Latitude	0.0128	DY	WALTON	WBDR AZ-12
	Longitude	0.0102	DX	WALTON	WBDR AZ-12
	Height	-0.0142	DY	WALTON	WBDR AZ-12
WBDR AZ-13	Latitude	0.0120	DZ	WBDR AZ-14	WBDR AZ-13
	Longitude	0.0131	DX	WBDR AZ-14	WBDR AZ-13
	Height	0.0132	Height	WALTON	-
WBDR AZ-14	Latitude	-0.0080	DZ	WBDR AZ-14	WBDR AZ-13
	Longitude	-0.0088	DX	WBDR AZ-14	WBDR AZ-13
	Height	0.0131	Height	WALTON	-
WBDR AZ-15	Latitude	0.0074	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Longitude	0.0059	DX	WBDR AZ-16 OLD	WBDR AZ-15
	Height	0.0126	Height	WALTON	-
WBDR AZ-16 NEW	Latitude	0.0281	DZ	WBDR AZ-16 OLD	WBDR AZ-16 NEW
	Longitude	0.0250	DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW
	Height	0.0262	DZ	WBDR AZ-16 OLD	WBDR AZ-16 NEW
WBDR AZ-16 OLD	Latitude	-0.0099	DZ	WBDR AZ-16 OLD	WBDR AZ-15
	Longitude	-0.0083	DX	WBDR AZ-16 OLD	WBDR AZ-15
	Height	0.0128	Height	WALTON	-
WBDR AZ-17	Latitude	0.0151	DZ	WBDR AZ-18	WBDR AZ-17
	Longitude	0.0172	DX	WBDR AZ-18	WBDR AZ-17
	Height	-0.0157	DY	WBDR AZ-18	WBDR AZ-17
WBDR AZ-18	Latitude	0.0121	DZ	ANDES	WBDR AZ-18
	Longitude	0.0138	DX	ANDES	WBDR AZ-18
	Height	0.0148	Height	ANDES	-
WBDR AZ-19 OLD	Latitude	0.0122	DY	DELHI	WBDR AZ-19 OLD
	Longitude	0.0121	DX	DELHI	WBDR AZ-19 OLD
	Height	-0.0138	DY	DELHI	WBDR AZ-19 OLD
WBDR AZ-2	Latitude	0.0105	DZ	WALTON	WBDR AZ-2
	Longitude	0.0109	DX	WALTON	WBDR AZ-2
	Height	0.0137	Height	WALTON	-
WBDR AZ-20	Latitude	0.0126	DY	DELHI	WBDR AZ-20
	Longitude	0.0125	DX	DELHI	WBDR AZ-20
	Height	-0.0145	DY	DELHI	WBDR AZ-20
WBDR AZ-21	Latitude	0.0102	DZ	DELHI	WBDR AZ-21

	Longitude	0.0082	DX	DELHI	WBDR AZ-21
	Height	0.0122	Height	WALTON	-
WBDR AZ-22	Latitude	0.0095	DZ	DELHI	WBDR AZ-22
	Longitude	0.0076	DX	DELHI	WBDR AZ-22
	Height	0.0122	Height	WALTON	-
WBDR AZ-23	Latitude	0.0105	DZ	WBDR AZ-24	WBDR AZ-23
	Longitude	0.0079	DX	WBDR AZ-24	WBDR AZ-23
	Height	0.0129	Height	ANDES	-
WBDR AZ-24	Latitude	-0.0139	DZ	WBDR AZ-24	WBDR AZ-23
	Longitude	-0.0120	DX	WBDR AZ-24	WBDR AZ-23
	Height	0.0155	DY	WBDR AZ-24	WBDR AZ-23
WBDR AZ-25	Latitude	0.0165	DZ	WBDR AZ-26	WBDR AZ-25
	Longitude	0.0169	DX	SOUTH KORTRIGHT	WBDR AZ-25
	Height	0.0310	DZ	SOUTH KORTRIGHT	WBDR AZ-25
WBDR AZ-26	Latitude	0.0118	DZ	NYON	WBDR AZ-26
	Longitude	-0.0118	DX	WBDR AZ-26	WBDR AZ-25
	Height	-0.0166	DZ	WBDR AZ-26	WBDR AZ-25
WBDR AZ-27	Latitude	-0.0316	DY	WBDR AZ-27	WBDR AZ-28
	Longitude	-0.0274	DX	WBDR AZ-27	WBDR AZ-28
	Height	0.0344	DY	WBDR AZ-27	WBDR AZ-28
WBDR AZ-28	Latitude	0.0130	DY	SOUTH KORTRIGHT	WBDR AZ-28
	Longitude	0.0113	DX	SOUTH KORTRIGHT	WBDR AZ-28
	Height	-0.0152	DY	SOUTH KORTRIGHT	WBDR AZ-28
WBDR AZ-29	Latitude	-0.0116	DZ	WBDR AZ-29	WBDR AZ-30
	Longitude	-0.0091	DX	WBDR AZ-29	WBDR AZ-30
	Height	0.0144	Height	SOUTH KORTRIGHT	-
WBDR AZ-3	Latitude	0.0130	DZ	WBDR AZ-4	WBDR AZ-3
	Longitude	0.0102	DX	WBDR AZ-4	WBDR AZ-3
	Height	0.0138	Height	WALTON	-
WBDR AZ-30	Latitude	0.0110	DZ	WBDR AZ-29	WBDR AZ-30
	Longitude	0.0077	DX	WBDR AZ-29	WBDR AZ-30
	Height	0.0136	Height	SOUTH KORTRIGHT	-
WBDR AZ-4	Latitude	0.0114	DZ	WALTON	WBDR AZ-4
	Longitude	0.0089	DX	WALTON	WBDR AZ-4
	Height	0.0136	Height	WALTON	-
WBDR AZ-5	Latitude	0.0175	DZ	WALTON	WBDR AZ-5
	Longitude	0.0239	DX	WALTON	WBDR AZ-5
	Height	-0.0189	DY	WALTON	WBDR AZ-5
WBDR AZ-6	Latitude	0.0170	DY	WALTON	WBDR AZ-6
	Longitude	0.0224	DX	WALTON	WBDR AZ-6
	Height	-0.0197	DY	WALTON	WBDR AZ-6
WBDR AZ-7	Latitude	0.0129	DZ	WBDR AZ-8	WBDR AZ-7
	Longitude	0.0129	DX	WBDR AZ-8	WBDR AZ-7
	Height	0.0135	Height	WALTON	-
WBDR AZ-8	Latitude	0.0108	DZ	WALTON	WBDR AZ-8
	Longitude	0.0107	DX	WALTON	WBDR AZ-8
	Height	0.0135	Height	WALTON	-

WBDR AZ-9	Latitude	0.0218	DY	WALTON	WBDR AZ-9
	Longitude	0.0203	DX	WALTON	WBDR AZ-9
	Height	-0.0270	DY	WALTON	WBDR AZ-9

Absolute Error Ellipses (2D - 39.4% 1D - 68.3%)

Station	A [fts]	B [fts]	A/B	Phi	Sd Hgt [fts]
ANDES	0.0000	0.0000	1.0	17°	0.0000
ASH AZ 11 NEW	0.0116	0.0081	1.4	-35°	0.0236
ASH AZ 6 NEW	0.0278	0.0212	1.3	47°	0.0519
ASH AZ-1	0.0117	0.0093	1.3	52°	0.0291
ASH AZ-10	0.0222	0.0170	1.3	-24°	0.0493
ASH AZ-11 OLD	0.0064	0.0049	1.3	-6°	0.0153
ASH AZ-12 NEW	0.0159	0.0104	1.5	-27°	0.0317
ASH AZ-12 OLD	0.0089	0.0072	1.2	11°	0.0246
ASH AZ-13	0.0093	0.0065	1.4	-20°	0.0179
ASH AZ-14	0.0111	0.0080	1.4	-18°	0.0230
ASH AZ-15	0.0072	0.0067	1.1	-2°	0.0150
ASH AZ-16	0.0067	0.0062	1.1	-4°	0.0141
ASH AZ-17	0.0127	0.0061	2.1	-28°	0.0251
ASH AZ-18	0.0114	0.0057	2.0	-27°	0.0228
ASH AZ-19	0.0073	0.0039	1.8	23°	0.0137
ASH AZ-2	0.0132	0.0110	1.2	49°	0.0348
ASH AZ-20	0.0074	0.0040	1.9	23°	0.0139
ASH AZ-21 OLD	0.0072	0.0044	1.6	-12°	0.0134
ASH AZ-22 OLD	0.0064	0.0039	1.6	-9°	0.0118
ASH AZ-23	0.0148	0.0086	1.7	-19°	0.0266
ASH AZ-24	0.0156	0.0092	1.7	-19°	0.0283
ASH AZ-25 NEW	0.0072	0.0044	1.6	-24°	0.0119
ASH AZ-25 OLD	0.0053	0.0026	2.0	-20°	0.0074
ASH AZ-26 NEW	0.0075	0.0048	1.6	-23°	0.0130
ASH AZ-26 OLD	0.0053	0.0027	2.0	-20°	0.0075
ASH AZ-27	0.0053	0.0028	1.9	-19°	0.0081
ASH AZ-28	0.0053	0.0027	2.0	-20°	0.0079
ASH AZ-29 NEW	0.0206	0.0154	1.3	-17°	0.0584
ASH AZ-29 OLD	0.0082	0.0047	1.7	16°	0.0155
ASH AZ-3	0.0126	0.0075	1.7	-32°	0.0222
ASH AZ-30 NEW	0.0277	0.0193	1.4	-24°	0.0734
ASH AZ-30 OLD	0.0091	0.0053	1.7	19°	0.0191
ASH AZ-4	0.0154	0.0101	1.5	-30°	0.0281
ASH AZ-5 NEW	0.0156	0.0122	1.3	34°	0.0335
ASH AZ-5 OLD	0.0072	0.0050	1.4	-12°	0.0185
ASH AZ-6 OLD	0.0089	0.0061	1.5	-10°	0.0239
ASH AZ-7	0.0091	0.0052	1.8	29°	0.0199
ASH AZ-8	0.0084	0.0046	1.8	28°	0.0179
ASH AZ-9	0.0288	0.0202	1.4	-33°	0.0621
BOICEVILLE	0.0000	0.0000	1.0	87°	0.0000
CLARYVILLE	0.0000	0.0000	1.0	21°	0.0000
D309 RESET 1995	0.0147	0.0085	1.7	-32°	0.0277
DELHI	0.0000	0.0000	1.0	3°	0.0105
EBDR AZ 7 NEW	0.0207	0.0138	1.5	-29°	0.0376
EBDR AZ-1	0.0046	0.0031	1.5	-30°	0.0080
EBDR AZ-10	0.0050	0.0025	2.0	-20°	0.0077

EBDR AZ-11	0.0079	0.0045	1.8	-21°	0.0176
EBDR AZ-12	0.0100	0.0056	1.8	-22°	0.0226
EBDR AZ-13 NEW	0.0094	0.0077	1.2	11°	0.0214
EBDR AZ-13 OLD	0.0044	0.0041	1.1	-46°	0.0097
EBDR AZ-14 NEW	0.0075	0.0066	1.1	5°	0.0168
EBDR AZ-14 OLD	0.0044	0.0043	1.0	-33°	0.0099
EBDR AZ-15	0.0055	0.0040	1.4	-27°	0.0099
EBDR AZ-16 NEW	0.0080	0.0066	1.2	-5°	0.0174
EBDR AZ-16 OLD	0.0072	0.0048	1.5	-30°	0.0121
EBDR AZ-17	0.0099	0.0055	1.8	-65°	0.0113
EBDR AZ-18	0.0067	0.0047	1.4	-36°	0.0107
EBDR AZ-19	0.0078	0.0048	1.6	10°	0.0143
EBDR AZ-2	0.0051	0.0035	1.5	-29°	0.0087
EBDR AZ-20	0.0086	0.0050	1.7	6°	0.0158
EBDR AZ-21	0.0094	0.0075	1.2	25°	0.0205
EBDR AZ-22	0.0089	0.0069	1.3	25°	0.0198
EBDR AZ-23	0.0065	0.0048	1.4	17°	0.0121
EBDR AZ-24	0.0060	0.0045	1.3	18°	0.0113
EBDR AZ-25 NEW	0.0120	0.0074	1.6	-14°	0.0211
EBDR AZ-25 OLD	0.0102	0.0055	1.9	-18°	0.0157
EBDR AZ-26	0.0071	0.0035	2.0	-20°	0.0109
EBDR AZ-27	0.0070	0.0051	1.4	21°	0.0178
EBDR AZ-28	0.0066	0.0049	1.4	23°	0.0171
EBDR AZ-3	0.0107	0.0077	1.4	-32°	0.0191
EBDR AZ-4	0.0092	0.0069	1.3	-30°	0.0172
EBDR AZ-5	0.0065	0.0038	1.7	16°	0.0115
EBDR AZ-6	0.0066	0.0039	1.7	16°	0.0117
EBDR AZ-7 OLD	0.0083	0.0075	1.1	-25°	0.0167
EBDR AZ-8	0.0063	0.0059	1.1	2°	0.0130
EBDR AZ-9	0.0050	0.0025	2.0	-20°	0.0077
FLEISCHMANN'S					
2	0.0000	0.0000	1.0	-7°	0.0000
MARGARETVILLE	0.0000	0.0000	1.0	-9°	0.0000
NEV AZ-1	0.0129	0.0077	1.7	-10°	0.0233
NEV AZ-2	0.0134	0.0085	1.6	-22°	0.0239
NEV AZ-3	0.0081	0.0051	1.6	-19°	0.0207
NEV AZ-4	0.0076	0.0045	1.7	-20°	0.0186
NYCS	0.0000	0.0000	1.0	0°	0.0123
NYHC	0.0000	0.0000	1.0	0°	0.0094
NYHS	0.0000	0.0000	1.0	0°	0.0153
NYKT	0.0000	0.0000	1.0	0°	0.0000
NYON	0.0000	0.0000	1.0	0°	0.0064
NYS DOT 8-U-047	0.0115	0.0067	1.7	-27°	0.0234
PHOENICIA	0.0000	0.0000	1.0	90°	0.0000
ROND AZ-1	0.0063	0.0046	1.4	-20°	0.0138
ROND AZ-2	0.0064	0.0047	1.4	-20°	0.0138
ROND AZ-3	0.0076	0.0054	1.4	-25°	0.0155
ROND AZ-4	0.0078	0.0056	1.4	-25°	0.0160
ROND AZ-5	0.0061	0.0038	1.6	-18°	0.0146
ROND AZ-6	0.0059	0.0037	1.6	-18°	0.0139
ROND AZ-7	0.0065	0.0038	1.7	-34°	0.0116
ROND AZ-8	0.0067	0.0038	1.8	-34°	0.0117
SHANDAKEN	0.0000	0.0000	1.0	3°	0.0000
SOUTH					

KORTRIGHT	0.0000	0.0000	1.0	-89°	0.0000
SUNDOWN	0.0000	0.0000	1.0	10°	0.0000
U279 RESET 1973	0.0146	0.0081	1.8	-30°	0.0295
WALTON	0.0000	0.0000	1.0	-86°	0.0000
WBDR AZ-1	0.0058	0.0048	1.2	45°	0.0133
WBDR AZ-10	0.0146	0.0081	1.8	-22°	0.0344
WBDR AZ-11	0.0124	0.0083	1.5	28°	0.0285
WBDR AZ-12	0.0088	0.0061	1.4	28°	0.0202
WBDR AZ-13	0.0057	0.0042	1.4	-32°	0.0110
WBDR AZ-14	0.0054	0.0040	1.3	-32°	0.0105
WBDR AZ-15	0.0049	0.0034	1.4	-21°	0.0101
WBDR AZ-16 NEW	0.0150	0.0102	1.5	-37°	0.0307
WBDR AZ-16 OLD	0.0052	0.0037	1.4	-21°	0.0107
WBDR AZ-17	0.0081	0.0065	1.2	-39°	0.0163
WBDR AZ-18	0.0077	0.0062	1.2	-38°	0.0155
WBDR AZ-19 OLD	0.0078	0.0041	1.9	-25°	0.0185
WBDR AZ-2	0.0052	0.0044	1.2	46°	0.0120
WBDR AZ-20	0.0076	0.0041	1.9	-24°	0.0183
WBDR AZ-21	0.0039	0.0032	1.2	1°	0.0127
WBDR AZ-22	0.0043	0.0035	1.2	2°	0.0134
WBDR AZ-23	0.0051	0.0040	1.3	-7°	0.0122
WBDR AZ-24	0.0053	0.0042	1.3	-5°	0.0132
WBDR AZ-25	0.0066	0.0052	1.3	3°	0.0151
WBDR AZ-26	0.0068	0.0055	1.2	32°	0.0170
WBDR AZ-27	0.0085	0.0064	1.3	17°	0.0164
WBDR AZ-28	0.0066	0.0050	1.3	17°	0.0130
WBDR AZ-29	0.0069	0.0038	1.8	-18°	0.0107
WBDR AZ-3	0.0061	0.0049	1.2	8°	0.0149
WBDR AZ-30	0.0069	0.0038	1.8	-17°	0.0108
WBDR AZ-4	0.0050	0.0040	1.2	8°	0.0126
WBDR AZ-5	0.0104	0.0071	1.5	-50°	0.0187
WBDR AZ-6	0.0085	0.0065	1.3	-45°	0.0157
WBDR AZ-7	0.0078	0.0051	1.5	-32°	0.0131
WBDR AZ-8	0.0072	0.0048	1.5	-31°	0.0122
WBDR AZ-9	0.0085	0.0048	1.8	-22°	0.0192

Relative Error Ellipses (2D - 39.4%)

Station	Station	A [fts]	B [fts]	A/B	Psi	Sd Hgt [fts]
NYS DOT 8-U-047	U279 RESET 1973	0.0154	0.0081	1.9	-59°	0.0323
SHANDAKEN	ASH AZ- 12 NEW	0.0159	0.0104	1.5	43°	0.0317
SHANDAKEN	ASH AZ- 11 OLD	0.0064	0.0049	1.3	64°	0.0153
ASH AZ-21 OLD	ASH AZ- 22 OLD	0.0069	0.0043	1.6	-49°	0.0137
EBDR AZ-25 OLD	EBDR AZ-26	0.0099	0.0056	1.8	50°	0.0163
ASH AZ-28	ASH AZ- 21 OLD ASH AZ-	0.0085	0.0050	1.7	-41°	0.0149

ASH AZ-29 OLD	30 OLD	0.0075	0.0052	1.4	16°	0.0190
ASH AZ-29 OLD	ASH AZ-29 NEW	0.0197	0.0144	1.4	-80°	0.0571
ASH AZ-29 OLD	ASH AZ-21 OLD	0.0103	0.0065	1.6	-17°	0.0197
WBDR AZ-19 OLD	WBDR AZ-20	0.0078	0.0042	1.9	-17°	0.0157
EBDR AZ-19	EBDR AZ-6	0.0094	0.0056	1.7	-35°	0.0170
EBDR AZ-7 OLD	EBDR AZ-8	0.0087	0.0077	1.1	-63°	0.0176
EBDR AZ-7 OLD	EBDR AZ-21	0.0120	0.0108	1.1	-22°	0.0260
EBDR AZ-7 OLD	EBDR AZ 7 NEW	0.0207	0.0135	1.5	-69°	0.0373
NEV AZ-2	ROND AZ-8	0.0143	0.0090	1.6	15°	0.0255
EBDR AZ-16 OLD	EBDR AZ-2	0.0085	0.0057	1.5	70°	0.0144
ASH AZ-6 OLD	ASH AZ-12 OLD	0.0107	0.0082	1.3	80°	0.0300
EBDR AZ-10	EBDR AZ-25 OLD	0.0108	0.0057	1.9	81°	0.0167
ASH AZ-7	ASH AZ-8	0.0091	0.0050	1.8	61°	0.0202
ASH AZ-7	ASH AZ-20	0.0100	0.0054	1.8	78°	0.0210
ASH AZ-7	ASH AZ-19	0.0097	0.0053	1.8	79°	0.0206
ASH AZ-7	ASH AZ-16	0.0106	0.0077	1.4	-78°	0.0231
ASH AZ-7	ASH AZ-15	0.0109	0.0080	1.4	-78°	0.0236
ASH AZ-8	ASH AZ-20	0.0094	0.0050	1.9	77°	0.0193
NEV AZ-4	ROND AZ-5	0.0087	0.0052	1.7	-13°	0.0214
EBDR AZ-4	EBDR AZ-17	0.0126	0.0087	1.5	43°	0.0188
ROND AZ-1	ROND AZ-4	0.0085	0.0062	1.4	88°	0.0183
WBDR AZ-21	WBDR AZ-22	0.0044	0.0036	1.2	-39°	0.0107
ASH AZ-10	ASH AZ-14	0.0233	0.0178	1.3	56°	0.0520
EBDR AZ-3	EBDR AZ-4	0.0094	0.0068	1.4	-41°	0.0178
EBDR AZ-3	EBDR AZ-17	0.0135	0.0094	1.4	47°	0.0203
ROND AZ-2	ROND AZ-4	0.0086	0.0063	1.4	87°	0.0183
ROND AZ-2	ROND AZ-1	0.0052	0.0039	1.3	48°	0.0116
ASH AZ-30 OLD	ASH AZ-29 NEW	0.0200	0.0147	1.4	88°	0.0580

ASH AZ-25 OLD	ASH AZ-28	0.0062	0.0030	2.0	-7°	0.0089
ASH AZ-25 OLD	ASH AZ-26 OLD	0.0042	0.0024	1.8	0°	0.0065
ASH AZ-26 OLD	ASH AZ-28	0.0063	0.0031	2.0	-6°	0.0091
WBDR AZ-26	WBDR AZ-25	0.0065	0.0053	1.2	-66°	0.0162
EBDR AZ-8	EBDR AZ 7 NEW	0.0202	0.0131	1.5	-68°	0.0363
WBDR AZ-9	WBDR AZ-10	0.0148	0.0082	1.8	-78°	0.0347
EBDR AZ-5	EBDR AZ-6	0.0060	0.0035	1.7	77°	0.0106
EBDR AZ-23	EBDR AZ-24	0.0067	0.0050	1.4	80°	0.0127
WBDR AZ-14	WBDR AZ-13	0.0042	0.0031	1.4	-3°	0.0075
ASH AZ-22 OLD	ASH AZ-9	0.0294	0.0206	1.4	29°	0.0629
ASH AZ-22 OLD	ASH AZ-30 OLD	0.0104	0.0066	1.6	-9°	0.0216
ASH AZ-22 OLD	ASH AZ-29 OLD	0.0097	0.0060	1.6	-13°	0.0184
ASH AZ-22 OLD	ASH AZ-28	0.0079	0.0046	1.7	-40°	0.0136
EBDR AZ-9	EBDR AZ-25 OLD	0.0108	0.0057	1.9	80°	0.0167
EBDR AZ-9	EBDR AZ-10	0.0052	0.0026	2.0	-68°	0.0080
WBDR AZ-8	WBDR AZ-7	0.0072	0.0047	1.5	-51°	0.0119
WBDR AZ-18	WBDR AZ-17	0.0072	0.0058	1.2	-86°	0.0144
ASH AZ-19	ASH AZ-8	0.0091	0.0049	1.9	78°	0.0188
ASH AZ-19	ASH AZ-20	0.0073	0.0039	1.9	9°	0.0134
ASH AZ-13	ASH AZ-14	0.0114	0.0081	1.4	-87°	0.0232
ASH AZ-13	ASH AZ-10	0.0228	0.0174	1.3	56°	0.0506
ASH AZ-18	ASH AZ-6 OLD	0.0137	0.0080	1.7	44°	0.0320
ASH AZ-18	ASH AZ-17	0.0128	0.0062	2.1	-65°	0.0250
WBDR AZ-16 OLD	WBDR AZ-15	0.0050	0.0035	1.4	14°	0.0092
EBDR AZ-12	EBDR AZ-11	0.0105	0.0059	1.8	64°	0.0237
ROND AZ-6	ROND AZ-5	0.0062	0.0039	1.6	-26°	0.0148
ROND AZ-6	NEV AZ-4	0.0087	0.0052	1.7	-14°	0.0211
FLEISCHMANN'S	EBDR					

2	AZ-9	0.0050	0.0025	2.0	76°	0.0077
FLEISCHMANN 2	EBDR AZ-8	0.0063	0.0059	1.1	-84°	0.0130
FLEISCHMANN 2	EBDR AZ-7 OLD	0.0083	0.0075	1.1	69°	0.0167
FLEISCHMANN 2	EBDR AZ-6	0.0066	0.0039	1.7	-59°	0.0117
FLEISCHMANN 2	EBDR AZ-5	0.0065	0.0038	1.7	-59°	0.0115
FLEISCHMANN 2	EBDR AZ-4	0.0092	0.0069	1.3	50°	0.0172
FLEISCHMANN 2	EBDR AZ-28	0.0066	0.0049	1.4	-76°	0.0171
FLEISCHMANN 2	EBDR AZ-27	0.0070	0.0051	1.4	-81°	0.0178
FLEISCHMANN 2	EBDR AZ-26	0.0071	0.0035	2.0	52°	0.0109
FLEISCHMANN 2	EBDR AZ-25 OLD	0.0102	0.0055	1.9	55°	0.0157
FLEISCHMANN 2	EBDR AZ-24	0.0060	0.0045	1.3	-22°	0.0113
FLEISCHMANN 2	EBDR AZ-23	0.0065	0.0048	1.4	-26°	0.0121
FLEISCHMANN 2	EBDR AZ-22	0.0089	0.0069	1.3	31°	0.0198
FLEISCHMANN 2	EBDR AZ-21	0.0094	0.0075	1.2	31°	0.0205
FLEISCHMANN 2	EBDR AZ-20	0.0086	0.0050	1.7	24°	0.0158
FLEISCHMANN 2	EBDR AZ-2	0.0051	0.0035	1.5	59°	0.0087
FLEISCHMANN 2	EBDR AZ-19	0.0078	0.0048	1.6	26°	0.0143
FLEISCHMANN 2	EBDR AZ-18	0.0067	0.0047	1.4	-1°	0.0107
FLEISCHMANN 2	EBDR AZ-16 OLD	0.0072	0.0048	1.5	22°	0.0121
FLEISCHMANN 2	EBDR AZ-15	0.0055	0.0040	1.4	28°	0.0099
FLEISCHMANN 2	EBDR AZ-14 OLD	0.0044	0.0043	1.0	61°	0.0099
FLEISCHMANN 2	EBDR AZ-13 OLD	0.0044	0.0041	1.1	46°	0.0097
FLEISCHMANN 2	EBDR AZ-12	0.0100	0.0056	1.8	77°	0.0226
FLEISCHMANN 2	EBDR AZ-11	0.0079	0.0045	1.8	79°	0.0176
FLEISCHMANN 2	EBDR AZ-10	0.0050	0.0025	2.0	77°	0.0077
FLEISCHMANN 2	EBDR AZ-1	0.0046	0.0031	1.5	59°	0.0080
FLEISCHMANN	ASH AZ-	0.0084	0.0046	1.8	-81°	0.0179

2	8					
FLEISCHMANN 2	ASH AZ- 6 OLD	0.0089	0.0061	1.5	55°	0.0239
FLEISCHMANN 2	ASH AZ- 5 OLD	0.0072	0.0050	1.4	53°	0.0185
FLEISCHMANN 2	ASH AZ- 4	0.0154	0.0101	1.5	25°	0.0281
FLEISCHMANN 2	ASH AZ- 3	0.0126	0.0075	1.7	22°	0.0222
FLEISCHMANN 2	ASH AZ- 20	0.0074	0.0040	1.9	86°	0.0139
FLEISCHMANN 2	ASH AZ- 19	0.0073	0.0039	1.8	86°	0.0137
FLEISCHMANN 2	ASH AZ- 18	0.0114	0.0057	2.0	39°	0.0228
FLEISCHMANN 2	ASH AZ- 17	0.0127	0.0061	2.1	38°	0.0251
FLEISCHMANN 2	ASH AZ- 16	0.0067	0.0062	1.1	69°	0.0141
FLEISCHMANN 2	ASH AZ- 15	0.0072	0.0067	1.1	71°	0.0150
FLEISCHMANN 2	ASH AZ- 14	0.0111	0.0080	1.4	64°	0.0230
FLEISCHMANN 2	ASH AZ- 13	0.0093	0.0065	1.4	63°	0.0179
FLEISCHMANN 2	ASH AZ- 12 OLD	0.0089	0.0072	1.2	83°	0.0246
EBDR AZ-1	EBDR AZ-2	0.0046	0.0031	1.5	-73°	0.0077
EBDR AZ-1	EBDR AZ-15	0.0069	0.0048	1.4	70°	0.0122
WBDR AZ-6	WBDR AZ-5	0.0106	0.0073	1.5	-16°	0.0191
WBDR AZ-27	WBDR AZ-28	0.0066	0.0049	1.3	-53°	0.0122
EBDR AZ-18	EBDR AZ-17	0.0099	0.0055	1.8	45°	0.0115
NEV AZ-1	ROND AZ-8	0.0138	0.0084	1.6	26°	0.0250
NEV AZ-1	ROND AZ-7	0.0137	0.0084	1.6	24°	0.0250
NEV AZ-1	NEV AZ- 2	0.0142	0.0091	1.6	28°	0.0253
NEV AZ-3	ROND AZ-6	0.0092	0.0058	1.6	-14°	0.0233
NEV AZ-3	ROND AZ-5	0.0093	0.0058	1.6	-13°	0.0236
NEV AZ-3	NEV AZ- 4	0.0096	0.0058	1.7	86°	0.0242
ASH AZ-3	ASH AZ- 4	0.0139	0.0092	1.5	39°	0.0255
EBDR AZ-26	EBDR AZ-9	0.0078	0.0039	2.0	79°	0.0121
EBDR AZ-26	EBDR AZ-10	0.0078	0.0039	2.0	80°	0.0122
ASH AZ-27	ASH AZ- 26 OLD	0.0065	0.0032	2.0	-6°	0.0094

ASH AZ-27	ASH AZ-25 OLD	0.0064	0.0032	2.0	-7°	0.0093
ASH AZ-27	ASH AZ-22 OLD	0.0078	0.0046	1.7	-38°	0.0136
ASH AZ-27	ASH AZ-21 OLD	0.0084	0.0050	1.7	-39°	0.0148
ASH AZ-5 OLD	ASH AZ-6 OLD	0.0084	0.0057	1.5	27°	0.0227
ASH AZ-5 OLD	ASH AZ-17	0.0140	0.0076	1.8	41°	0.0304
ASH AZ-5 OLD	ASH AZ-12 OLD	0.0097	0.0076	1.3	83°	0.0270
ASH AZ-5 OLD	ASH AZ-11 OLD	0.0089	0.0066	1.4	68°	0.0225
WBDR AZ-4	WBDR AZ-3	0.0062	0.0050	1.2	-23°	0.0152
ASH AZ-24	ASH AZ-23	0.0164	0.0096	1.7	53°	0.0297
EBDR AZ-20	EBDR AZ-6	0.0097	0.0056	1.7	-38°	0.0177
EBDR AZ-20	EBDR AZ-5	0.0097	0.0056	1.7	-38°	0.0176
EBDR AZ-20	EBDR AZ-19	0.0100	0.0059	1.7	-76°	0.0186
ROND AZ-3	ROND AZ-4	0.0085	0.0061	1.4	71°	0.0172
ROND AZ-3	ROND AZ-2	0.0084	0.0061	1.4	87°	0.0177
ROND AZ-3	ROND AZ-1	0.0083	0.0061	1.4	88°	0.0177
ASH AZ-11 OLD	ASH AZ-12 OLD	0.0098	0.0079	1.2	89°	0.0265
ASH AZ-11 OLD	ASH AZ-11 NEW	0.0126	0.0090	1.4	50°	0.0265
WBDR AZ-12	WBDR AZ-11	0.0126	0.0084	1.5	45°	0.0286
EBDR AZ-13 OLD	EBDR AZ-15	0.0063	0.0052	1.2	-51°	0.0127
EBDR AZ-13 OLD	ASH AZ-1	0.0122	0.0100	1.2	-77°	0.0302
EBDR AZ-22	EBDR AZ-8	0.0106	0.0089	1.2	-13°	0.0232
EBDR AZ-22	EBDR AZ-7 OLD	0.0117	0.0103	1.1	-21°	0.0255
EBDR AZ-22	EBDR AZ-21	0.0098	0.0077	1.3	1°	0.0219
EBDR AZ-28	EBDR AZ-27	0.0079	0.0057	1.4	-67°	0.0203
EBDR AZ-15	EBDR AZ-2	0.0072	0.0051	1.4	70°	0.0126
EBDR AZ-15	EBDR AZ-16 OLD	0.0073	0.0049	1.5	-32°	0.0124
EBDR AZ-15	EBDR AZ-14 NEW	0.0082	0.0070	1.2	-38°	0.0179

EBDR AZ-15	EBDR AZ-13 NEW	0.0100	0.0082	1.2	-32°	0.0224
ASH AZ-1	EBDR AZ-14 OLD	0.0122	0.0100	1.2	-77°	0.0302
SOUTH KORTRIGHT	WBDR AZ-30	0.0069	0.0038	1.8	-64°	0.0108
SOUTH KORTRIGHT	WBDR AZ-28	0.0066	0.0050	1.3	-34°	0.0130
SOUTH KORTRIGHT	WBDR AZ-25	0.0066	0.0052	1.3	58°	0.0151
SOUTH KORTRIGHT	WBDR AZ-23	0.0051	0.0040	1.3	-80°	0.0122
ASH AZ-16	ASH AZ- 15	0.0073	0.0068	1.1	-88°	0.0151
WALTON	WBDR AZ-9	0.0085	0.0048	1.8	-75°	0.0192
WALTON	WBDR AZ-8	0.0072	0.0048	1.5	-47°	0.0122
WALTON	WBDR AZ-7	0.0078	0.0051	1.5	-48°	0.0131
WALTON	WBDR AZ-6	0.0085	0.0065	1.3	-13°	0.0157
WALTON	WBDR AZ-5	0.0104	0.0071	1.5	-18°	0.0187
WALTON	WBDR AZ-4	0.0050	0.0040	1.2	9°	0.0126
WALTON	WBDR AZ-3	0.0061	0.0049	1.2	30°	0.0149
WALTON	WBDR AZ-22	0.0043	0.0035	1.2	-54°	0.0134
WALTON	WBDR AZ-21	0.0039	0.0032	1.2	-54°	0.0127
WALTON	WBDR AZ-2	0.0052	0.0044	1.2	-15°	0.0120
WALTON	WBDR AZ-16 OLD	0.0052	0.0037	1.4	89°	0.0107
WALTON	WBDR AZ-15	0.0049	0.0034	1.4	88°	0.0101
WALTON	WBDR AZ-14	0.0054	0.0040	1.3	69°	0.0105
WALTON	WBDR AZ-13	0.0057	0.0042	1.4	70°	0.0110
WALTON	WBDR AZ-12	0.0088	0.0061	1.4	-5°	0.0202
WALTON	WBDR AZ-11	0.0124	0.0083	1.5	-6°	0.0285
WALTON	WBDR AZ-10	0.0146	0.0081	1.8	-75°	0.0344
WALTON	WBDR AZ-1	0.0058	0.0048	1.2	-17°	0.0133
WBDR AZ-24	WBDR AZ-23	0.0035	0.0029	1.2	-75°	0.0087
CLARYVILLE	ROND AZ-8	0.0067	0.0038	1.8	7°	0.0117

CLARYVILLE	ROND AZ-7	0.0065	0.0038	1.7	5°	0.0116
CLARYVILLE	ROND AZ-6	0.0059	0.0037	1.6	-2°	0.0139
CLARYVILLE	ROND AZ-5	0.0061	0.0038	1.6	-1°	0.0146
CLARYVILLE	ROND AZ-4	0.0078	0.0056	1.4	-29°	0.0160
CLARYVILLE	ROND AZ-3	0.0076	0.0054	1.4	-31°	0.0155
CLARYVILLE	ROND AZ-2	0.0064	0.0047	1.4	51°	0.0138
CLARYVILLE	ROND AZ-1	0.0063	0.0046	1.4	52°	0.0138
CLARYVILLE	NEV AZ- 4	0.0076	0.0045	1.7	-73°	0.0186
CLARYVILLE	NEV AZ- 3	0.0081	0.0051	1.6	-74°	0.0207
CLARYVILLE	NEV AZ- 2	0.0134	0.0085	1.6	-35°	0.0239
CLARYVILLE	NEV AZ- 1	0.0129	0.0077	1.7	3°	0.0233
WBDR AZ-29	WBDR AZ-30	0.0070	0.0036	1.9	6°	0.0099
PHOENICIA	ROND AZ-8	0.0067	0.0038	1.8	-67°	0.0117
PHOENICIA	ROND AZ-7	0.0065	0.0038	1.7	-67°	0.0116
PHOENICIA	ROND AZ-6	0.0059	0.0037	1.6	-54°	0.0139
PHOENICIA	ROND AZ-4	0.0078	0.0056	1.4	-66°	0.0160
PHOENICIA	ROND AZ-2	0.0064	0.0047	1.4	-49°	0.0138
PHOENICIA	ROND AZ-1	0.0063	0.0046	1.4	-49°	0.0138
PHOENICIA	NEV AZ- 4	0.0076	0.0045	1.7	-69°	0.0186
PHOENICIA	NEV AZ- 3	0.0081	0.0051	1.6	-67°	0.0207
PHOENICIA	NEV AZ- 2	0.0134	0.0085	1.6	-71°	0.0239
PHOENICIA	NEV AZ- 1	0.0129	0.0077	1.7	-59°	0.0233
PHOENICIA	ASH AZ- 30 OLD	0.0091	0.0053	1.7	35°	0.0191
PHOENICIA	ASH AZ- 29 OLD	0.0082	0.0047	1.7	32°	0.0155
PHOENICIA	ASH AZ- 28	0.0053	0.0027	2.0	7°	0.0079
PHOENICIA	ASH AZ- 27	0.0053	0.0028	1.9	8°	0.0081
PHOENICIA	ASH AZ- 26 OLD	0.0053	0.0027	2.0	13°	0.0075
PHOENICIA	ASH AZ- 25 OLD	0.0053	0.0026	2.0	13°	0.0074
	ASH AZ-					

PHOENICIA	22 OLD	0.0064	0.0039	1.6	74°	0.0118
PHOENICIA	ASH AZ-21 OLD	0.0072	0.0044	1.6	73°	0.0134
ROND AZ-7	ROND AZ-8	0.0072	0.0042	1.7	-71°	0.0127
ROND AZ-7	NEV AZ-2	0.0142	0.0090	1.6	14°	0.0254
BOICEVILLE	EBDR AZ-28	0.0066	0.0049	1.4	76°	0.0171
BOICEVILLE	EBDR AZ-27	0.0070	0.0051	1.4	74°	0.0178
BOICEVILLE	EBDR AZ-14 OLD	0.0044	0.0043	1.0	28°	0.0099
BOICEVILLE	EBDR AZ-13 OLD	0.0044	0.0041	1.1	14°	0.0097
BOICEVILLE	ASH AZ-8	0.0084	0.0046	1.8	68°	0.0179
BOICEVILLE	ASH AZ-7	0.0091	0.0052	1.8	69°	0.0199
BOICEVILLE	ASH AZ-5 OLD	0.0072	0.0050	1.4	39°	0.0185
BOICEVILLE	ASH AZ-4	0.0154	0.0101	1.5	24°	0.0281
BOICEVILLE	ASH AZ-30 OLD	0.0091	0.0053	1.7	7°	0.0191
BOICEVILLE	ASH AZ-3	0.0126	0.0075	1.7	21°	0.0222
BOICEVILLE	ASH AZ-29 OLD	0.0082	0.0047	1.7	3°	0.0155
BOICEVILLE	ASH AZ-28	0.0053	0.0027	2.0	-9°	0.0079
BOICEVILLE	ASH AZ-27	0.0053	0.0028	1.9	-60°	0.0081
BOICEVILLE	ASH AZ-26 OLD	0.0053	0.0027	2.0	-7°	0.0075
BOICEVILLE	ASH AZ-25 OLD	0.0053	0.0026	2.0	-7°	0.0074
BOICEVILLE	ASH AZ-24	0.0156	0.0092	1.7	-62°	0.0283
BOICEVILLE	ASH AZ-23	0.0148	0.0086	1.7	-63°	0.0266
BOICEVILLE	ASH AZ-22 OLD	0.0064	0.0039	1.6	-33°	0.0118
BOICEVILLE	ASH AZ-21 OLD	0.0072	0.0044	1.6	-37°	0.0134
BOICEVILLE	ASH AZ-20	0.0074	0.0040	1.9	50°	0.0139
BOICEVILLE	ASH AZ-19	0.0073	0.0039	1.8	49°	0.0137
BOICEVILLE	ASH AZ-18	0.0114	0.0057	2.0	-1°	0.0228
BOICEVILLE	ASH AZ-17	0.0127	0.0061	2.1	-3°	0.0251
BOICEVILLE	ASH AZ-16	0.0067	0.0062	1.1	11°	0.0141

BOICEVILLE	ASH AZ-15	0.0072	0.0067	1.1	13°	0.0150
BOICEVILLE	ASH AZ-14	0.0111	0.0080	1.4	-19°	0.0230
BOICEVILLE	ASH AZ-13	0.0093	0.0065	1.4	-22°	0.0179
BOICEVILLE	ASH AZ-12 OLD	0.0089	0.0072	1.2	44°	0.0246
BOICEVILLE	ASH AZ-11 OLD	0.0064	0.0049	1.3	28°	0.0153
BOICEVILLE	ASH AZ-1	0.0117	0.0093	1.3	-55°	0.0291
ANDES	WBDR AZ-8	0.0072	0.0048	1.5	54°	0.0122
ANDES	WBDR AZ-7	0.0078	0.0051	1.5	54°	0.0131
ANDES	WBDR AZ-6	0.0085	0.0065	1.3	43°	0.0157
ANDES	WBDR AZ-4	0.0050	0.0040	1.2	-78°	0.0126
ANDES	WBDR AZ-30	0.0069	0.0038	1.8	-47°	0.0108
ANDES	WBDR AZ-3	0.0061	0.0049	1.2	-79°	0.0149
ANDES	WBDR AZ-28	0.0066	0.0050	1.3	-11°	0.0130
ANDES	WBDR AZ-27	0.0085	0.0064	1.3	-10°	0.0164
ANDES	WBDR AZ-26	0.0068	0.0055	1.2	11°	0.0170
ANDES	WBDR AZ-24	0.0053	0.0042	1.3	2°	0.0132
ANDES	WBDR AZ-23	0.0051	0.0040	1.3	1°	0.0122
ANDES	WBDR AZ-2	0.0052	0.0044	1.2	-38°	0.0120
ANDES	WBDR AZ-18	0.0077	0.0062	1.2	-44°	0.0155
ANDES	WBDR AZ-17	0.0081	0.0065	1.2	-45°	0.0163
ANDES	WBDR AZ-10	0.0146	0.0081	1.8	70°	0.0344
ANDES	WBDR AZ-1	0.0058	0.0048	1.2	-39°	0.0133
ANDES	EBDR AZ-8	0.0063	0.0059	1.1	68°	0.0130
ANDES	EBDR AZ-7 OLD	0.0083	0.0075	1.1	39°	0.0167
ANDES	EBDR AZ-4	0.0092	0.0069	1.3	76°	0.0172
ANDES	EBDR AZ-22	0.0089	0.0069	1.3	-34°	0.0198
ANDES	EBDR AZ-21	0.0094	0.0075	1.2	-35°	0.0205
ANDES	EBDR AZ-2	0.0051	0.0035	1.5	-19°	0.0087

ANDES	EBDR AZ-18	0.0067	0.0047	1.4	63°	0.0107
ANDES	EBDR AZ-17	0.0099	0.0055	1.8	34°	0.0113
ANDES	EBDR AZ-15	0.0055	0.0040	1.4	63°	0.0099
ANDES	EBDR AZ-12	0.0100	0.0056	1.8	51°	0.0226
ANDES	EBDR AZ-1	0.0046	0.0031	1.5	-23°	0.0080
MARGARETVILLE	WBDR AZ-18	0.0077	0.0062	1.2	6°	0.0155
MARGARETVILLE	WBDR AZ-17	0.0081	0.0065	1.2	5°	0.0163
MARGARETVILLE	EBDR AZ-9	0.0050	0.0025	2.0	-62°	0.0077
MARGARETVILLE	EBDR AZ-8	0.0063	0.0059	1.1	-89°	0.0130
MARGARETVILLE	EBDR AZ-7 OLD	0.0083	0.0075	1.1	65°	0.0167
MARGARETVILLE	EBDR AZ-6	0.0066	0.0039	1.7	-44°	0.0117
MARGARETVILLE	EBDR AZ-5	0.0065	0.0038	1.7	-42°	0.0115
MARGARETVILLE	EBDR AZ-28	0.0066	0.0049	1.4	-62°	0.0171
MARGARETVILLE	EBDR AZ-27	0.0070	0.0051	1.4	-64°	0.0178
MARGARETVILLE	EBDR AZ-26	0.0071	0.0035	2.0	80°	0.0109
MARGARETVILLE	EBDR AZ-25 OLD	0.0102	0.0055	1.9	81°	0.0157
MARGARETVILLE	EBDR AZ-24	0.0060	0.0045	1.3	88°	0.0113
MARGARETVILLE	EBDR AZ-23	0.0065	0.0048	1.4	87°	0.0121
MARGARETVILLE	EBDR AZ-22	0.0089	0.0069	1.3	2°	0.0198
MARGARETVILLE	EBDR AZ-21	0.0094	0.0075	1.2	2°	0.0205
MARGARETVILLE	EBDR AZ-20	0.0086	0.0050	1.7	-36°	0.0158
MARGARETVILLE	EBDR AZ-2	0.0051	0.0035	1.5	54°	0.0087
MARGARETVILLE	EBDR AZ-19	0.0078	0.0048	1.6	-32°	0.0143
MARGARETVILLE	EBDR AZ-18	0.0067	0.0047	1.4	-67°	0.0107
MARGARETVILLE	EBDR AZ-17	0.0099	0.0055	1.8	84°	0.0113
MARGARETVILLE	EBDR AZ-16 OLD	0.0072	0.0048	1.5	-72°	0.0121
MARGARETVILLE	EBDR AZ-15	0.0055	0.0040	1.4	-71°	0.0099

MARGARETVILLE	EBDR AZ-14 OLD	0.0044	0.0043	1.0	71°	0.0099
MARGARETVILLE	EBDR AZ-13 OLD	0.0044	0.0041	1.1	64°	0.0097
MARGARETVILLE	EBDR AZ-12	0.0100	0.0056	1.8	60°	0.0226
MARGARETVILLE	EBDR AZ-11	0.0079	0.0045	1.8	62°	0.0176
MARGARETVILLE	EBDR AZ-10	0.0050	0.0025	2.0	-72°	0.0077
MARGARETVILLE	EBDR AZ-1	0.0046	0.0031	1.5	53°	0.0080
MARGARETVILLE	ASH AZ- 8	0.0084	0.0046	1.8	-71°	0.0179
MARGARETVILLE	ASH AZ- 7	0.0091	0.0052	1.8	-69°	0.0199
MARGARETVILLE	ASH AZ- 6 OLD	0.0089	0.0061	1.5	73°	0.0239
MARGARETVILLE	ASH AZ- 5 OLD	0.0072	0.0050	1.4	71°	0.0185
MARGARETVILLE	ASH AZ- 3	0.0126	0.0075	1.7	41°	0.0222
MARGARETVILLE	ASH AZ- 23	0.0148	0.0086	1.7	58°	0.0266
MARGARETVILLE	ASH AZ- 18	0.0114	0.0057	2.0	47°	0.0228
MARGARETVILLE	ASH AZ- 17	0.0127	0.0061	2.1	47°	0.0251
MARGARETVILLE	ASH AZ- 16	0.0067	0.0062	1.1	76°	0.0141
MARGARETVILLE	ASH AZ- 15	0.0072	0.0067	1.1	78°	0.0150
MARGARETVILLE	ASH AZ- 14	0.0111	0.0080	1.4	68°	0.0230
MARGARETVILLE	ASH AZ- 13	0.0093	0.0065	1.4	66°	0.0179
DELHI	WBDR AZ-22	0.0043	0.0035	1.2	-58°	0.0106
DELHI	WBDR AZ-21	0.0039	0.0032	1.2	-57°	0.0096
DELHI	WBDR AZ-20	0.0076	0.0041	1.9	44°	0.0162
DELHI	WBDR AZ-19 OLD	0.0078	0.0041	1.9	86°	0.0165
DELHI	WBDR AZ-16 OLD	0.0052	0.0037	1.4	-52°	0.0112
DELHI	WBDR AZ-15	0.0049	0.0034	1.4	-50°	0.0111
DELHI	WBDR AZ-14	0.0054	0.0040	1.3	-64°	0.0124
DELHI	WBDR AZ-13	0.0057	0.0042	1.4	-65°	0.0127
DELHI	WBDR	0.0088	0.0061	1.4	-55°	0.0212

DELHI	AZ-12 WBDR	0.0124	0.0083	1.5	-53°	0.0290
SUNDOWN	AZ-11 ROND	0.0067	0.0038	1.8	-54°	0.0117
SUNDOWN	AZ-8 ROND	0.0065	0.0038	1.7	-48°	0.0116
SUNDOWN	AZ-7 ROND	0.0059	0.0037	1.6	-87°	0.0139
SUNDOWN	AZ-6 ROND	0.0061	0.0038	1.6	90°	0.0146
SUNDOWN	AZ-5 ROND	0.0078	0.0056	1.4	57°	0.0160
SUNDOWN	AZ-4 ROND	0.0076	0.0054	1.4	58°	0.0155
SUNDOWN	AZ-3 ROND	0.0064	0.0047	1.4	-68°	0.0138
SUNDOWN	AZ-2 ROND	0.0063	0.0046	1.4	-66°	0.0138
SUNDOWN	AZ-1 NEV AZ-	0.0076	0.0045	1.7	4°	0.0186
SUNDOWN	4 NEV AZ-	0.0081	0.0051	1.6	4°	0.0207
SUNDOWN	3 NEV AZ-	0.0134	0.0085	1.6	12°	0.0239
SUNDOWN	2 NEV AZ-	0.0129	0.0077	1.7	24°	0.0233
SUNDOWN	1 WBDR	0.0063	0.0052	1.2	-24°	0.0142
WBDR AZ-2	AZ-1					
NYON	WBDR	0.0085	0.0048	1.8	-22°	0.0199
NYON	AZ-9					
NYON	WBDR	0.0072	0.0048	1.5	-32°	0.0131
NYON	AZ-8					
NYON	WBDR	0.0078	0.0051	1.5	-34°	0.0139
NYON	AZ-7					
NYON	WBDR	0.0085	0.0065	1.3	-53°	0.0166
NYON	AZ-6					
NYON	WBDR	0.0104	0.0071	1.5	-57°	0.0194
NYON	AZ-5					
NYON	WBDR	0.0050	0.0040	1.2	5°	0.0135
NYON	AZ-4					
NYON	WBDR	0.0061	0.0049	1.2	4°	0.0157
NYON	AZ-3					
NYON	WBDR	0.0066	0.0050	1.3	-85°	0.0137
NYON	AZ-28					
NYON	WBDR	0.0068	0.0055	1.2	-76°	0.0172
NYON	AZ-26					
NYON	WBDR	0.0066	0.0052	1.3	74°	0.0157
NYON	AZ-25					
NYON	WBDR	0.0053	0.0042	1.3	55°	0.0133
NYON	AZ-24					
NYON	WBDR	0.0043	0.0035	1.2	45°	0.0135
NYON	AZ-22					
NYON	WBDR	0.0039	0.0032	1.2	44°	0.0128
NYON	AZ-21					
NYON	WBDR	0.0076	0.0041	1.9	16°	0.0183
NYON	AZ-20					

NYON	WBDR AZ-2	0.0052	0.0044	1.2	38°	0.0130
NYON	WBDR AZ-19 OLD	0.0078	0.0041	1.9	16°	0.0185
NYON	WBDR AZ-18	0.0077	0.0062	1.2	14°	0.0161
NYON	WBDR AZ-17	0.0081	0.0065	1.2	14°	0.0169
NYON	WBDR AZ-16 OLD	0.0052	0.0037	1.4	2°	0.0111
NYON	WBDR AZ-15	0.0049	0.0034	1.4	3°	0.0106
NYON	WBDR AZ-14	0.0054	0.0040	1.3	-14°	0.0109
NYON	WBDR AZ-13	0.0057	0.0042	1.4	-14°	0.0114
NYON	WBDR AZ-12	0.0088	0.0061	1.4	42°	0.0204
NYON	WBDR AZ-11	0.0124	0.0083	1.5	42°	0.0287
NYON	WBDR AZ-1	0.0058	0.0048	1.2	37°	0.0142
NYON	EBDR AZ-8	0.0063	0.0059	1.1	49°	0.0141
NYON	EBDR AZ-7 OLD	0.0083	0.0075	1.1	21°	0.0177
NYON	EBDR AZ-6	0.0066	0.0039	1.7	61°	0.0128
NYON	EBDR AZ-5	0.0065	0.0038	1.7	61°	0.0126
NYON	EBDR AZ-3	0.0107	0.0077	1.4	12°	0.0195
NYON	EBDR AZ-22	0.0089	0.0069	1.3	-85°	0.0204
NYON	EBDR AZ-21	0.0094	0.0075	1.2	-85°	0.0211
NYON	EBDR AZ-2	0.0051	0.0035	1.5	11°	0.0101
NYON	EBDR AZ-17	0.0099	0.0055	1.8	-7°	0.0124
NYON	EBDR AZ-1	0.0046	0.0031	1.5	11°	0.0094
NYKT	ROND AZ-8	0.0067	0.0038	1.8	69°	0.0117
NYKT	ROND AZ-7	0.0065	0.0038	1.7	69°	0.0116
NYKT	ROND AZ-6	0.0059	0.0037	1.6	85°	0.0139
NYKT	ROND AZ-5	0.0061	0.0038	1.6	86°	0.0146
NYKT	ROND AZ-4	0.0078	0.0056	1.4	76°	0.0160
NYKT	ROND AZ-2	0.0064	0.0047	1.4	79°	0.0138

NYKT	ROND AZ-1	0.0063	0.0046	1.4	79°	0.0138
NYKT	NEV AZ- 3	0.0081	0.0051	1.6	73°	0.0207
NYKT	EBDR AZ-28	0.0066	0.0049	1.4	83°	0.0171
NYKT	EBDR AZ-27	0.0070	0.0051	1.4	81°	0.0178
NYKT	EBDR AZ-25 OLD	0.0102	0.0055	1.9	42°	0.0157
NYKT	EBDR AZ-24	0.0060	0.0045	1.3	83°	0.0113
NYKT	ASH AZ- 8	0.0084	0.0046	1.8	84°	0.0179
NYKT	ASH AZ- 7	0.0091	0.0052	1.8	85°	0.0199
NYKT	ASH AZ- 5 OLD	0.0072	0.0050	1.4	47°	0.0185
NYKT	ASH AZ- 4	0.0154	0.0101	1.5	32°	0.0281
NYKT	ASH AZ- 30 OLD	0.0091	0.0053	1.7	-81°	0.0191
NYKT	ASH AZ- 3	0.0126	0.0075	1.7	30°	0.0222
NYKT	ASH AZ- 29 OLD	0.0082	0.0047	1.7	-84°	0.0155
NYKT	ASH AZ- 28	0.0053	0.0027	2.0	48°	0.0079
NYKT	ASH AZ- 27	0.0053	0.0028	1.9	50°	0.0081
NYKT	ASH AZ- 26 OLD	0.0053	0.0027	2.0	42°	0.0075
NYKT	ASH AZ- 25 OLD	0.0053	0.0026	2.0	42°	0.0074
NYKT	ASH AZ- 24	0.0156	0.0092	1.7	22°	0.0283
NYKT	ASH AZ- 23	0.0148	0.0086	1.7	22°	0.0266
NYKT	ASH AZ- 22 OLD	0.0064	0.0039	1.6	38°	0.0118
NYKT	ASH AZ- 21 OLD	0.0072	0.0044	1.6	35°	0.0134
NYKT	ASH AZ- 20	0.0074	0.0040	1.9	81°	0.0139
NYKT	ASH AZ- 2	0.0132	0.0110	1.2	-60°	0.0348
NYKT	ASH AZ- 19	0.0073	0.0039	1.8	81°	0.0137
NYKT	ASH AZ- 18	0.0114	0.0057	2.0	29°	0.0228
NYKT	ASH AZ- 17	0.0127	0.0061	2.1	27°	0.0251
NYKT	ASH AZ- 16	0.0067	0.0062	1.1	47°	0.0141
NYKT	ASH AZ- 15	0.0072	0.0067	1.1	49°	0.0150

NYKT	ASH AZ-14	0.0111	0.0080	1.4	24°	0.0230
NYKT	ASH AZ-13	0.0093	0.0065	1.4	21°	0.0179
NYKT	ASH AZ-12 OLD	0.0089	0.0072	1.2	65°	0.0246
NYKT	ASH AZ-11 OLD	0.0064	0.0049	1.3	49°	0.0153
NYKT	ASH AZ-10	0.0222	0.0170	1.3	29°	0.0493
NYKT	ASH AZ-1	0.0117	0.0093	1.3	-57°	0.0291
NYHS	ASH AZ-26 OLD	0.0053	0.0027	2.0	-81°	0.0162
NYHS	ASH AZ-25 OLD	0.0053	0.0026	2.0	-80°	0.0162
NYHS	ASH AZ-23	0.0148	0.0086	1.7	-79°	0.0300
NYHS	ASH AZ-22 OLD	0.0064	0.0039	1.6	-71°	0.0183
NYHS	ASH AZ-21 OLD	0.0072	0.0044	1.6	-74°	0.0195
NYHS	ASH AZ-20	0.0074	0.0040	1.9	-43°	0.0189
NYHS	ASH AZ-19	0.0073	0.0039	1.8	-42°	0.0188
NYHS	ASH AZ-16	0.0067	0.0062	1.1	-73°	0.0193
NYHS	ASH AZ-15	0.0072	0.0067	1.1	-71°	0.0200
NYHS	ASH AZ-14	0.0111	0.0080	1.4	-90°	0.0264
NYHS	ASH AZ-13	0.0093	0.0065	1.4	88°	0.0224
NYHC	WBDR AZ-9	0.0085	0.0048	1.8	-53°	0.0211
NYHC	WBDR AZ-8	0.0072	0.0048	1.5	-59°	0.0142
NYHC	WBDR AZ-7	0.0078	0.0051	1.5	-60°	0.0150
NYHC	WBDR AZ-6	0.0085	0.0065	1.3	-68°	0.0177
NYHC	WBDR AZ-5	0.0104	0.0071	1.5	-74°	0.0203
NYHC	WBDR AZ-4	0.0050	0.0040	1.2	-21°	0.0147
NYHC	WBDR AZ-3	0.0061	0.0049	1.2	-22°	0.0169
NYHC	WBDR AZ-22	0.0043	0.0035	1.2	-39°	0.0142
NYHC	WBDR AZ-21	0.0039	0.0032	1.2	-40°	0.0136
NYHC	WBDR AZ-20	0.0076	0.0041	1.9	-66°	0.0188
NYHC	WBDR AZ-2	0.0052	0.0044	1.2	19°	0.0143
	WBDR					

NYHC	AZ-19 OLD	0.0078	0.0041	1.9	-66°	0.0190
NYHC	WBDR AZ-16 OLD	0.0052	0.0037	1.4	-64°	0.0123
NYHC	WBDR AZ-15	0.0049	0.0034	1.4	-64°	0.0119
NYHC	WBDR AZ-14	0.0054	0.0040	1.3	-76°	0.0122
NYHC	WBDR AZ-13	0.0057	0.0042	1.4	-76°	0.0127
NYHC	WBDR AZ-12	0.0088	0.0061	1.4	-3°	0.0210
NYHC	WBDR AZ-11	0.0124	0.0083	1.5	-3°	0.0292
NYHC	WBDR AZ-10	0.0146	0.0081	1.8	-53°	0.0354
NYHC	WBDR AZ-1	0.0058	0.0048	1.2	19°	0.0154
NYHC	EBDR AZ-3	0.0107	0.0077	1.4	90°	0.0204
NYHC	EBDR AZ-2	0.0051	0.0035	1.5	-90°	0.0119
NYHC	EBDR AZ-1	0.0046	0.0031	1.5	89°	0.0114
NYCS	WBDR AZ-28	0.0066	0.0050	1.3	-8°	0.0155
NYCS	WBDR AZ-27	0.0085	0.0064	1.3	-8°	0.0180
NYCS	WBDR AZ-26	0.0068	0.0055	1.2	4°	0.0186
NYCS	WBDR AZ-25	0.0066	0.0052	1.3	-26°	0.0179
NYCS	WBDR AZ-24	0.0053	0.0042	1.3	-41°	0.0151
NYCS	WBDR AZ-23	0.0051	0.0040	1.3	-42°	0.0144
NYCS	WBDR AZ-15	0.0049	0.0034	1.4	-59°	0.0141
NYCS	EBDR AZ-22	0.0089	0.0069	1.3	17°	0.0222
NYCS	EBDR AZ-21	0.0094	0.0075	1.2	16°	0.0228
ASH AZ-29 NEW	ASH AZ- 30 NEW	0.0186	0.0115	1.6	12°	0.0444
ASH AZ-12 NEW	ASH AZ 11 NEW	0.0170	0.0116	1.5	36°	0.0339
ASH AZ-5 NEW	ASH AZ 6 NEW	0.0231	0.0172	1.3	-66°	0.0396
EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0096	0.0080	1.2	-28°	0.0214
ASH AZ-25 NEW	ASH AZ- 26 NEW	0.0065	0.0047	1.4	-4°	0.0125
SHANDAKEN	ASH AZ 11 NEW	0.0116	0.0081	1.4	38°	0.0236









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ASH AZ-21 OLD	RESET 1973	0.0139	0.0074	1.9	-59°	0.0283
ASH AZ-21 OLD	NYSDOT 8-U-047	0.0104	0.0056	1.8	-85°	0.0214
EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0114	0.0075	1.5	52°	0.0213
EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0083	0.0069	1.2	-26°	0.0182
WBDR AZ-19 OLD	D309 RESET 1995	0.0134	0.0078	1.7	-32°	0.0226
ASH AZ-10	ASH AZ- 9	0.0197	0.0116	1.7	-31°	0.0408
ASH AZ-25 OLD	ASH AZ- 26 NEW	0.0061	0.0043	1.4	-2°	0.0117
ASH AZ-25 OLD	ASH AZ- 25 NEW	0.0057	0.0039	1.4	-46°	0.0104
ASH AZ-26 OLD	ASH AZ- 26 NEW	0.0060	0.0043	1.4	-2°	0.0116
ASH AZ-26 OLD	ASH AZ- 25 NEW	0.0056	0.0039	1.4	-8°	0.0104
ASH AZ-22 OLD	U279 RESET 1973	0.0140	0.0074	1.9	-49°	0.0284
ASH AZ-22 OLD	NYSDOT 8-U-047	0.0107	0.0058	1.8	-61°	0.0221
WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0144	0.0098	1.5	64°	0.0294
WBDR AZ-15	WBDR AZ-16 NEW	0.0146	0.0099	1.5	36°	0.0298
EBDR AZ-26	EBDR AZ-25 NEW	0.0106	0.0068	1.6	57°	0.0193
ASH AZ-27	ASH AZ- 28	0.0055	0.0030	1.9	-6°	0.0086
ASH AZ-5 OLD	ASH AZ- 5 NEW	0.0144	0.0104	1.4	70°	0.0279
ASH AZ-11 OLD	ASH AZ- 12 NEW	0.0161	0.0106	1.5	45°	0.0321
EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0083	0.0070	1.2	-29°	0.0182
EBDR AZ-15	EBDR AZ-16 NEW	0.0071	0.0057	1.2	5°	0.0159
ASH AZ-1	ASH AZ- 2	0.0072	0.0068	1.1	58°	0.0217
SOUTH KORTRIGHT	WBDR AZ-29	0.0069	0.0038	1.8	-66°	0.0107
WBDR AZ-20	D309 RESET 1995	0.0140	0.0082	1.7	-23°	0.0243
NYON	WBDR AZ-30	0.0069	0.0038	1.8	68°	0.0112

NYON	WBDR AZ-29	0.0069	0.0038	1.8	66°	0.0113
NYON	WBDR AZ-23	0.0051	0.0040	1.3	53°	0.0124
NYCS	WBDR AZ-29	0.0069	0.0038	1.8	-39°	0.0150
EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0088	0.0068	1.3	-74°	0.0201
EBDR AZ-14 OLD	EBDR AZ-15	0.0062	0.0052	1.2	-46°	0.0127
EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0071	0.0060	1.2	11°	0.0159
EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0090	0.0072	1.3	25°	0.0206
EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0042	0.0040	1.1	8°	0.0095
EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0070	0.0059	1.2	12°	0.0156
EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0090	0.0071	1.3	29°	0.0205








Testing and Estimated Errors

Coordinate Tests

Station		MDB	BNR	W-Test	T-Test
ANDES	Latitude	0.0233 fts	1.5	2.73 	9.79 
	Longitude	0.0177 fts	1.7	-1.95	
	Height	0.0523 fts	2.1	-4.15 	
BOICEVILLE	Latitude	0.0604 fts	0.6	1.55	1.39
	Longitude	0.0465 fts	0.5	-1.18	
	Height	0.1355 fts	0.5	-0.59	
CLARYVILLE	Latitude	0.0645 fts	1.1	0.89	0.74
	Longitude	0.0515 fts	1.0	-0.36	
	Height	0.1470 fts	1.0	1.16	
DELHI	Latitude	0.0474 fts	0.8	0.38	2.34
	Longitude	0.0364 fts	0.8	2.14 	
FLEISCHMANN 2	Latitude	0.0440 fts	0.7	-0.75	1.23
	Longitude	0.0113 fts	2.8	-1.70	
	Height	0.0496 fts	1.5	0.48	
MARGARETVILLE	Latitude	0.0178 fts	2.3	0.11	12.29 
	Longitude	0.0128 fts	2.1	3.37 	
	Height	0.0381 fts	2.6	5.04 	
NYCS	Latitude	0.0166 fts	999.9	0.00	6.11 
	Longitude	0.0135 fts	999.9	0.00	
NYHC	Latitude	0.0135 fts	999.9	0.00	0.79
	Longitude	0.0112 fts	999.9	0.00	
NYHS	Latitude	0.0246 fts	999.9	0.00	9.55

		Longitude	0.0172 fts	999.9	0.00		
NYKT		Latitude	0.0154 fts	999.9	0.00	2.42	
		Longitude	0.0112 fts	999.9	0.00		
		Height	0.0363 fts	999.9	0.00		
NYON		Latitude	0.0100 fts	999.9	0.00	1.23	
		Longitude	0.0080 fts	999.9	0.00		
PHOENICIA		Latitude	0.0535 fts	1.0	1.11	1.72	
		Longitude	0.0406 fts	0.8	-1.92		
		Height	0.1141 fts	0.9	-0.36		
SHANDAKEN		Latitude	0.0405 fts	9.4	6.23		13.23 
		Longitude	0.0501 fts	2.1	-0.13		
		Height	0.1142 fts	4.5	-0.67		
SOUTH KORTRIGHT		Latitude	0.0473 fts	1.2	0.56	3.76	
		Longitude	0.0366 fts	1.1	2.35		
		Height	0.0979 fts	1.4	-2.33		
SUNDOWN		Latitude	0.0628 fts	1.0	0.13	0.21	
		Longitude	0.0487 fts	0.9	-0.52		
		Height	0.1293 fts	1.0	-0.55		
WALTON		Latitude	0.0432 fts	0.7	-1.60	1.83	
		Longitude	0.0303 fts	0.9	1.05		
		Height	0.0800 fts	1.4	-1.34		

Observation Tests







	Station	Target	MDB	Red	BNR	W-Test	T-Test	
DX	NYSDOT 8-U-047	U279 RESET 1973	0.0618 fts	67	1.9	-0.53	0.22	
DY			0.0812 fts	74	1.8	-0.42		
DZ			0.0743 fts	76	1.7	-0.64		
DX	SHANDAKEN	ASH AZ-12 NEW	0.0724 fts	72	1.9	1.02	0.38	
DY			0.0953 fts	71	2.2	0.78		
DZ			0.1016 fts	59	2.3	0.37		
DX	SHANDAKEN	ASH AZ-11 OLD	0.0391 fts	22	5.4	-2.48		8.24 
DY			0.0492 fts	22	4.3	3.50		
DZ			0.0494 fts	48	3.3	4.11		
DX	ASH AZ-21 OLD	ASH AZ-22 OLD	0.0363 fts	87	1.4	-1.32	0.85	
DY			0.0474 fts	76	1.7	-1.01		
DZ			0.0417 fts	76	1.7	-1.13		
DX	EBDR AZ-25 OLD	EBDR AZ-26	0.0480 fts	85	1.1	2.63		2.77 
DY			0.0875 fts	90	1.1	2.00		
DZ			0.0752 fts	78	1.4	1.74		
DX	ASH AZ-28	ASH AZ-21 OLD	0.0566 fts	92	0.8	0.85	0.58	
DY			0.0944 fts	91	0.8	0.66		
DZ			0.0955 fts	93	0.8	-0.52		
DX	ASH AZ-29 OLD	ASH AZ-30 OLD	0.0333 fts	72	2.0	0.36	0.55	
DY			0.0606 fts	56	3.2	-1.00		
DZ			0.0443 fts	62	2.9	-0.79		

DX	ASH AZ-29 OLD	ASH AZ-29 NEW	0.0870 fts	33	3.9	0.54	0.19
DY			0.1318 fts	36	3.8	0.01	
DZ			0.1073 fts	36	3.7	0.12	
DX	ASH AZ-29 OLD	ASH AZ-21 OLD	0.0683 fts	92	0.8	0.01	0.01
DY			0.1483 fts	93	0.8	0.03	
DZ			0.1067 fts	91	0.8	-0.10	
DX	WBDR AZ-19 OLD	WBDR AZ-20	0.0414 fts	91	1.1	-3.84	5.77
DY			0.0553 fts	76	1.3	-2.47	
DZ			0.0486 fts	82	1.2	-1.16	
DX	EBDR AZ-19	EBDR AZ-6	0.0401 fts	79	1.4	-0.58	0.24
DY			0.0910 fts	80	1.4	-0.20	
DZ			0.0640 fts	79	1.4	0.59	
DX	EBDR AZ-7 OLD	EBDR AZ-8	0.0638 fts	85	1.2	-0.38	0.12
DY			0.0879 fts	83	1.2	-0.42	
DZ			0.0803 fts	89	1.1	0.04	
DX	EBDR AZ-7 OLD	EBDR AZ-21	0.1751 fts	97	0.5	0.71	0.30
DY			0.2496 fts	96	0.6	0.73	
DZ			0.2198 fts	96	0.5	0.54	
DX	EBDR AZ-7 OLD	EBDR AZ 7 NEW	0.0889 fts	57	2.5	-0.72	0.37
DY			0.1225 fts	55	2.5	0.08	
DZ			0.1052 fts	61	2.3	-0.16	
DX	NEV AZ-2	ROND AZ-8	0.0782 fts	87	1.2	-0.01	0.20
DY			0.1119 fts	84	1.2	0.35	
DZ			0.0956 fts	85	1.2	0.76	
DX	EBDR AZ-16 OLD	EBDR AZ-2	0.0641 fts	91	0.9	-0.74	0.47
DY			0.0794 fts	90	0.9	-0.48	
DZ			0.0875 fts	90	0.9	0.74	
DX	ASH AZ-6 OLD	ASH AZ-12 OLD	0.0474 fts	66	2.0	-2.52	2.37
DY			0.0893 fts	76	1.8	-0.14	
DZ			0.0647 fts	65	2.0	0.49	
DX	EBDR AZ-10	EBDR AZ-25 OLD	0.0544 fts	88	1.0	1.06	0.44
DY			0.0839 fts	86	1.1	0.91	
DZ			0.1105 fts	91	0.9	0.54	
DX	ASH AZ-7	ASH AZ-8	0.0279 fts	42	3.3	-0.15	0.35
DY			0.0694 fts	43	3.2	1.01	
DZ			0.0526 fts	45	3.2	0.83	
DX	ASH AZ-7	ASH AZ-20	0.0370 fts	78	1.5	0.67	0.44
DY			0.0979 fts	81	1.3	-0.46	
DZ			0.0718 fts	80	1.4	-1.09	
DX	ASH AZ-7	ASH AZ-19	0.0323 fts	70	1.8	1.38	0.92
DY			0.0835 fts	74	1.7	-0.91	
DZ			0.0614 fts	71	1.8	-1.37	
DX	ASH AZ-7	ASH AZ-16	0.0549 fts	81	1.4	-0.80	0.26
DY			0.1145 fts	86	1.2	-0.24	
DZ			0.0873 fts	84	1.3	-0.22	
DX	ASH AZ-7	ASH AZ-15	0.0603 fts	83	1.3	-1.08	0.45
DY			0.1248 fts	88	1.1	0.24	
DZ			0.0925 fts	85	1.2	0.55	
DX	ASH AZ-8	ASH AZ-20	0.0336 fts	76	1.6	0.62	0.84

DY			0.0857 fts	77	1.5	-1.37		
DZ			0.0667 fts	78	1.5	-1.42		
DX	NEV AZ-4	ROND AZ-5	0.0393 fts	76	1.5	-0.13	0.06	
DY			0.0643 fts	78	1.5	-0.16		
DZ			0.0585 fts	79	1.5	-0.35		
DX	EBDR AZ-4	EBDR AZ-17	0.0840 fts	84	1.6	-0.19	0.21	
DY			0.0860 fts	81	1.3	0.02		
DZ			0.0786 fts	73	1.6	-0.59		
DX	ROND AZ-1	ROND AZ-4	0.0481 fts	78	1.4	0.29	0.06	
DY			0.0675 fts	84	1.3	-0.12		
DZ			0.0754 fts	80	1.4	0.02		
DX	WBDR AZ-21	WBDR AZ-22	0.0204 fts	40	3.4	-0.37	0.05	
DY			0.0322 fts	40	3.4	0.06		
DZ			0.0329 fts	41	3.4	0.13		
DX	ASH AZ-10	ASH AZ-14	0.1246 fts	73	1.6	-0.51	0.13	
DY			0.1772 fts	76	1.5	-0.34		
DZ			0.1928 fts	81	1.4	-0.37		
DX	EBDR AZ-3	EBDR AZ-4	0.0495 fts	27	4.8	0.07	0.44	
DY			0.0601 fts	23	4.9	0.98		
DZ			0.0684 fts	34	4.2	0.22		
DX	EBDR AZ-3	EBDR AZ-17	0.0889 fts	83	1.7	-1.04	0.73	
DY			0.0907 fts	82	1.4	-0.59		
DZ			0.0833 fts	69	1.8	-1.40		
DX	ROND AZ-2	ROND AZ-4	0.0475 fts	78	1.4	0.39	0.07	
DY			0.0655 fts	83	1.3	-0.01		
DZ			0.0751 fts	79	1.4	-0.01		
DX	ROND AZ-2	ROND AZ-1	0.0272 fts	23	5.0	-0.19	0.02	
DY			0.0376 fts	25	4.8	0.02		
DZ			0.0426 fts	24	4.9	0.03		
DX	ASH AZ-30 OLD	ASH AZ-29 OLD	0.0318 fts	65	2.0	0.49	0.16	
DY			0.0775 fts	77	1.4	-0.40		
DZ			0.0509 fts	72	1.7	-0.37		
DX	ASH AZ-30 OLD	ASH AZ-29 NEW	0.0870 fts	63	2.2	-0.54	0.19	
DY			0.1318 fts	59	2.3	-0.01		
DZ			0.1073 fts	60	2.3	-0.12		
DX	ASH AZ-25 OLD	ASH AZ-28	0.0209 fts	72	1.8	-0.95	0.72	
DY			0.0318 fts	71	1.8	-0.13		
DZ			0.0409 fts	75	1.7	0.56		
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	0.0197 fts	82	1.4	5.28	9.72	⚠
DY			0.0241 fts	74	1.6	2.59		⚠
DZ			0.0295 fts	72	1.8	-0.46		
DX	ASH AZ-26 OLD	ASH AZ-28	0.0233 fts	77	1.5	1.31	0.67	
DY			0.0354 fts	77	1.5	1.04		
DZ			0.0459 fts	80	1.4	0.48		
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	0.0159 fts	64	2.1	4.14	7.66	⚠
DY			0.0231 fts	71	1.8	2.42		⚠
DZ			0.0296 fts	73	1.8	-0.36		
DX	WBDR AZ-26	WBDR AZ-25	0.0354 fts	31	4.3	0.77	3.13	⚠
DY			0.0519 fts	22	5.0	-0.38		
DZ			0.0516 fts	33	4.8	1.43		

DX	EBDR AZ-8	EBDR AZ-7 OLD	0.0490 fts	69	1.9	-0.26	0.11
DY			0.0692 fts	69	1.9	0.43	
DZ			0.0561 fts	67	1.9	0.35	
DX	EBDR AZ-8	EBDR AZ 7 NEW	0.0889 fts	35	3.8	0.72	0.37
DY			0.1225 fts	37	3.7	-0.08	
DZ			0.1052 fts	32	4.0	0.16	
DX	WBDR AZ-9	WBDR AZ-10	0.0521 fts	48	2.9	-0.23	0.05
DY			0.0824 fts	48	2.9	-0.32	
DZ			0.0720 fts	48	2.9	-0.10	
DX	EBDR AZ-5	EBDR AZ-6	0.0223 fts	27	4.5	0.38	0.08
DY			0.0505 fts	28	4.5	-0.05	
DZ			0.0370 fts	28	4.5	-0.40	
DX	EBDR AZ-23	EBDR AZ-24	0.0291 fts	40	3.4	-0.02	0.15
DY			0.0508 fts	40	3.4	0.56	
DZ			0.0412 fts	41	3.4	0.59	
DX	WBDR AZ-14	WBDR AZ-13	0.0269 fts	15	6.5	0.63	0.32
DY			0.0354 fts	15	6.4	0.94	
DZ			0.0321 fts	15	6.5	0.49	
DX	ASH AZ-22 OLD	ASH AZ-9	0.1999 fts	87	1.1	-0.60	0.18
DY			0.2953 fts	95	1.0	-0.69	
DZ			0.2144 fts	75	1.4	-0.39	
DX	ASH AZ-22 OLD	ASH AZ-30 OLD	0.0613 fts	89	1.0	-0.16	0.26
DY			0.1474 fts	92	0.8	0.27	
DZ			0.0928 fts	88	1.0	-0.42	
DX	ASH AZ-22 OLD	ASH AZ-29 OLD	0.0502 fts	86	1.1	-1.07	0.72
DY			0.1086 fts	86	1.1	-1.17	
DZ			0.0800 fts	85	1.1	0.25	
DX	ASH AZ-22 OLD	ASH AZ-28	0.0546 fts	93	0.8	-0.76	0.21
DY			0.0901 fts	92	0.8	-0.60	
DZ			0.0948 fts	94	0.7	-0.25	
DX	ASH AZ-22 OLD	ASH AZ-21 OLD	0.0309 fts	71	1.7	-1.40	0.87
DY			0.0546 fts	78	1.3	-1.09	
DZ			0.0471 fts	78	1.4	-0.91	
DX	EBDR AZ-9	EBDR AZ-25 OLD	0.0563 fts	89	1.0	2.00	1.34
DY			0.0879 fts	87	1.0	0.97	
DZ			0.1134 fts	91	0.9	0.79	
DX	EBDR AZ-9	EBDR AZ-10	0.0164 fts	38	3.5	-0.30	0.06
DY			0.0261 fts	37	3.6	0.06	
DZ			0.0307 fts	39	3.5	0.11	
DX	WBDR AZ-8	WBDR AZ-7	0.0327 fts	29	4.4	-0.26	0.24
DY			0.0406 fts	28	4.4	-0.32	
DZ			0.0436 fts	29	4.4	0.54	
DX	WBDR AZ-18	WBDR AZ-17	0.0422 fts	25	4.7	-0.59	0.38
DY			0.0525 fts	25	4.7	-0.95	
DZ			0.0486 fts	25	4.7	-0.84	
DX	ASH AZ-19	ASH AZ-8	0.0303 fts	70	1.8	-1.21	1.83
DY			0.0764 fts	71	1.8	1.87	
DZ			0.0584 fts	71	1.8	2.17	



DX	ASH AZ-19	ASH AZ-20	0.0231 fts	42	3.3	-0.32	0.10
DY			0.0552 fts	38	3.5	-0.45	
DZ			0.0435 fts	39	3.4	0.02	
DX	ASH AZ-13	ASH AZ-14	0.0498 fts	43	3.2	0.77	0.45
DY			0.0670 fts	45	3.1	-0.47	
DZ			0.0794 fts	43	3.2	-0.54	
DX	ASH AZ-13	ASH AZ-10	0.1167 fts	68	1.8	0.37	0.23
DY			0.1645 fts	72	1.7	0.79	
DZ			0.1785 fts	79	1.6	0.67	
DX	ASH AZ-18	ASH AZ-6 OLD	0.0677 fts	82	1.3	1.39	1.38
DY			0.1071 fts	85	1.2	0.06	
DZ			0.1022 fts	89	1.1	-1.01	
DX	ASH AZ-18	ASH AZ-17	0.0425 fts	39	3.6	-0.38	0.11
DY			0.0598 fts	35	3.7	0.01	
DZ			0.0596 fts	36	3.7	0.22	
DX	WBDR AZ-16 OLD	WBDR AZ-15	0.0226 fts	34	3.8	0.13	0.11
DY			0.0266 fts	34	3.8	0.51	
DZ			0.0363 fts	36	3.7	0.13	
DX	EBDR AZ-12	EBDR AZ-11	0.0375 fts	47	2.9	0.23	0.02
DY			0.0584 fts	48	2.9	0.22	
DZ			0.0528 fts	49	2.9	0.11	
DX	ROND AZ-6	ROND AZ-5	0.0242 fts	39	3.5	-0.07	0.03
DY			0.0397 fts	40	3.5	-0.17	
DZ			0.0329 fts	36	3.6	0.05	
DX	ROND AZ-6	NEV AZ-4	0.0409 fts	80	1.4	-0.15	0.08
DY			0.0659 fts	79	1.4	0.12	
DZ			0.0605 fts	81	1.4	0.40	
DX	FLEISCHMANN'S 2	EBDR AZ-9	0.0200 fts	74	1.7	-3.63	4.77
DY			0.0318 fts	73	1.7	-1.06	
DZ			0.0371 fts	75	1.6	-0.69	
DX	FLEISCHMANN'S 2	EBDR AZ-8	0.0422 fts	79	1.4	0.36	1.75
DY			0.0634 fts	79	1.4	-2.15	
DZ			0.0506 fts	77	1.5	-1.23	
DX	FLEISCHMANN'S 2	EBDR AZ-7 OLD	0.0596 fts	83	1.3	-0.20	0.61
DY			0.0805 fts	80	1.3	-1.34	
DZ			0.0675 fts	81	1.3	-0.72	
DX	FLEISCHMANN'S 2	EBDR AZ-6	0.0318 fts	84	1.2	-1.12	0.59
DY			0.0721 fts	84	1.2	-0.53	
DZ			0.0530 fts	84	1.2	0.65	
DX	FLEISCHMANN'S 2	EBDR AZ-5	0.0302 fts	82	1.3	-1.23	0.58
DY			0.0672 fts	82	1.3	-0.41	
DZ			0.0508 fts	82	1.3	0.64	
DX	FLEISCHMANN'S 2	EBDR AZ-4	0.0744 fts	90	1.0	0.01	0.35
DY			0.0917 fts	87	1.0	0.10	
DZ			0.1085 fts	91	0.9	-0.69	
DX	FLEISCHMANN'S 2	EBDR AZ-28	0.0277 fts	50	2.8	-0.39	0.19
DY			0.0415 fts	50	2.8	0.64	


DZ			0.0474 fts	48	2.9	0.59		
DX	FLEISCHMANN'S	EBDR AZ-27	0.0289 fts	50	2.8	-0.23		0.26
	2							
DY			0.0432 fts	50	2.8	0.85		
DZ			0.0503 fts	49	2.8	0.69		
DX	FLEISCHMANN'S	EBDR AZ-26	0.0238 fts	68	1.9	-2.98		3.84 
	2							
DY			0.0406 fts	68	1.9	-0.37		
DZ			0.0449 fts	70	1.9	-1.16		
DX	FLEISCHMANN'S	EBDR AZ-25	0.0410 fts	79	1.5	-0.44		0.52
	2	OLD						
DY			0.0646 fts	75	1.5	0.61		
DZ			0.0820 fts	83	1.3	0.78		
DX	FLEISCHMANN'S	EBDR AZ-24	0.0267 fts	58	2.4	0.36		0.17
	2							
DY			0.0462 fts	58	2.4	-0.51		
DZ			0.0372 fts	56	2.4	-0.33		
DX	FLEISCHMANN'S	EBDR AZ-23	0.0290 fts	63	2.1	0.19		0.15
	2							
DY			0.0507 fts	63	2.1	-0.26		
DZ			0.0416 fts	62	2.1	-0.68		
DX	FLEISCHMANN'S	EBDR AZ-22	0.0439 fts	75	1.6	-0.80		1.70
	2							
DY			0.0822 fts	73	1.6	2.01		
DZ			0.0651 fts	75	1.6	1.23		
DX	FLEISCHMANN'S	EBDR AZ-21	0.0458 fts	70	1.8	-0.45		1.38
	2							
DY			0.0789 fts	66	1.9	1.93		
DZ			0.0653 fts	68	1.9	1.55		
DX	FLEISCHMANN'S	EBDR AZ-20	0.0317 fts	70	1.9	-1.04		0.58
	2							
DY			0.0686 fts	68	1.9	-0.56		
DZ			0.0506 fts	68	1.9	0.75		
DX	FLEISCHMANN'S	EBDR AZ-2	0.0645 fts	96	0.6	1.18		0.89
	2							
DY			0.0799 fts	94	0.6	0.26		
DZ			0.0904 fts	95	0.6	-1.10		
DX	FLEISCHMANN'S	EBDR AZ-19	0.0279 fts	54	2.5	-2.19		1.88
	2							
DY			0.0596 fts	52	2.6	-1.23		
DZ			0.0444 fts	55	2.5	0.57		
DX	FLEISCHMANN'S	EBDR AZ-18	0.0326 fts	61	2.3	1.49		3.37 
	2							
DY			0.0395 fts	60	2.3	-1.55		
DZ			0.0460 fts	72	1.9	0.13		
DX	FLEISCHMANN'S	EBDR AZ-16	0.0350 fts	74	1.7	2.14		1.65
	2	OLD						
DY			0.0438 fts	71	1.7	1.28		
DZ			0.0478 fts	72	1.7	0.54		
DX	FLEISCHMANN'S	EBDR AZ-15	0.0310 fts	80	1.5	1.60		0.88
	2							
DY			0.0396 fts	75	1.6	1.06		
DZ			0.0418 fts	76	1.5	-0.06		
DX	FLEISCHMANN'S	EBDR AZ-14	0.0348 fts	83	1.3	0.77		1.27
	2	OLD						






DY			0.0447 fts	80	1.4	-0.05		
DZ			0.0398 fts	79	1.4	1.05		
DX	FLEISCHMANN'S	EBDR AZ-13	0.0346 fts	83	1.3	1.32	1.46	
	2	OLD						
DY			0.0433 fts	80	1.4	1.33		
DZ			0.0388 fts	79	1.4	1.43		
DX	FLEISCHMANN'S	EBDR AZ-12	0.0429 fts	75	1.6	2.64	2.46	⚠
	2							⚠
DY			0.0666 fts	75	1.6	1.34		
DZ			0.0608 fts	75	1.6	-0.05		
DX	FLEISCHMANN'S	EBDR AZ-11	0.0339 fts	74	1.7	4.14	6.96	⚠
	2							⚠
DY			0.0536 fts	75	1.7	1.78		
DZ			0.0462 fts	72	1.7	-1.16		
DX	FLEISCHMANN'S	EBDR AZ-10	0.0211 fts	77	1.5	-3.48	4.42	⚠
	2							⚠
DY			0.0335 fts	76	1.5	-1.05		
DZ			0.0390 fts	78	1.5	-0.61		
DX	FLEISCHMANN'S	EBDR AZ-1	0.0469 fts	94	0.8	1.69	2.28	⚠
	2							
DY			0.0591 fts	91	0.8	-0.06		
DZ			0.0646 fts	92	0.8	-1.95		
DX	FLEISCHMANN'S	ASH AZ-8	0.0324 fts	75	1.6	2.30	6.50	⚠
	2							⚠
DY			0.0790 fts	77	1.5	-3.90		⚠
DZ			0.0616 fts	77	1.6	-3.70		⚠
DX	FLEISCHMANN'S	ASH AZ-6 OLD	0.0394 fts	71	1.8	-0.49	0.66	
	2							
DY			0.0684 fts	74	1.8	0.67		
DZ			0.0534 fts	69	1.8	1.20		
DX	FLEISCHMANN'S	ASH AZ-5 OLD	0.0331 fts	71	1.8	0.21	0.76	
	2							
DY			0.0557 fts	69	1.9	0.21		
DZ			0.0455 fts	67	1.9	1.09		
DX	FLEISCHMANN'S	ASH AZ-4	0.0613 fts	68	1.9	-0.57	0.45	
	2							
DY			0.0814 fts	67	1.9	-0.86		
DZ			0.0898 fts	67	1.9	0.32		
DX	FLEISCHMANN'S	ASH AZ-3	0.0500 fts	68	1.9	-0.75	0.61	
	2							
DY			0.0658 fts	68	2.0	-1.19		
DZ			0.0664 fts	65	2.0	-0.04		
DX	FLEISCHMANN'S	ASH AZ-20	0.0573 fts	94	0.7	0.86	0.28	
	2							
DY			0.1472 fts	95	0.6	-0.12		
DZ			0.1066 fts	94	0.7	-0.22		
DX	FLEISCHMANN'S	ASH AZ-19	0.0547 fts	94	0.7	0.06	0.10	
	2							
DY			0.1383 fts	95	0.6	-0.33		
DZ			0.1011 fts	93	0.7	0.14		
DX	FLEISCHMANN'S	ASH AZ-18	0.0642 fts	90	1.0	0.05	0.04	
	2							
DY			0.0938 fts	89	1.0	-0.14		
DZ			0.0896 fts	89	1.0	-0.04		






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DX	2	ASH AZ-17	0.0777 fts	92	0.8	-0.60	0.24	
DY			0.1064 fts	90	0.9	-0.80		
DZ			0.1110 fts	91	0.8	-0.33		
DX	FLEISCHMANN'S 2	ASH AZ-16	0.0800 fts	94	0.7	0.32	0.20	
DY			0.1240 fts	95	0.7	-0.61		
DZ			0.0979 fts	92	0.8	-0.32		
DX	FLEISCHMANN'S 2	ASH AZ-15	0.0858 fts	94	0.7	0.11	0.26	
DY			0.1340 fts	95	0.7	-0.54		
DZ			0.1043 fts	93	0.7	0.15		
DX	FLEISCHMANN'S 2	ASH AZ-14	0.0872 fts	91	0.9	0.48	0.11	
DY			0.1211 fts	91	0.9	0.36		
DZ			0.1386 fts	90	0.9	0.34		
DX	FLEISCHMANN'S 2	ASH AZ-13	0.0573 fts	84	1.2	1.92	1.26	
DY			0.0717 fts	83	1.2	0.84		
DZ			0.0934 fts	84	1.2	0.35		
DX	FLEISCHMANN'S 2	ASH AZ-12 OLD	0.0678 fts	89	0.9	0.19	0.31	
DY			0.1306 fts	91	0.9	-0.19		
DZ			0.0979 fts	90	0.9	-0.74		
DX	EBDR AZ-1	EBDR AZ-2	0.0216 fts	28	4.4	0.26	0.47	
DY			0.0269 fts	27	4.5	-0.36		
DZ			0.0299 fts	29	4.4	-1.15		
DX	EBDR AZ-1	EBDR AZ-15	0.0498 fts	89	1.0	0.07	1.63	
DY			0.0629 fts	88	1.0	0.72		
DZ			0.0668 fts	88	1.0	2.17		⚠
DX	WBDR AZ-6	WBDR AZ-5	0.0536 fts	43	3.3	0.20	0.29	
DY			0.0596 fts	39	3.5	0.74		
DZ			0.0517 fts	39	3.5	0.09		
DX	WBDR AZ-27	WBDR AZ-28	0.0409 fts	13	7.0	-0.51	3.64	⚠
DY			0.0702 fts	13	7.0	-1.00		
DZ			0.0588 fts	12	7.2	-2.91		⚠
DX	EBDR AZ-18	EBDR AZ-17	0.0441 fts	39	4.2	2.08	2.46	⚠
DY			0.0434 fts	38	3.7	-0.26		
DZ			0.0422 fts	27	4.5	1.73		
DX	NEV AZ-1	ROND AZ-8	0.0749 fts	85	1.1	0.18	0.22	
DY			0.1531 fts	93	0.9	0.49		
DZ			0.0838 fts	84	1.2	0.76		
DX	NEV AZ-1	ROND AZ-7	0.0690 fts	84	1.2	0.64	0.79	
DY			0.1312 fts	88	1.1	1.31		
DZ			0.0797 fts	83	1.2	1.22		
DX	NEV AZ-1	NEV AZ-2	0.0543 fts	36	3.3	0.11	0.43	
DY			0.0943 fts	50	2.9	0.87		
DZ			0.0637 fts	38	3.5	1.00		
DX	NEV AZ-3	ROND AZ-6	0.0461 fts	80	1.3	0.64	0.33	
DY			0.0778 fts	85	1.3	-0.18		
DZ			0.0670 fts	83	1.3	-0.10		
DX	NEV AZ-3	ROND AZ-5	0.0503 fts	85	1.2	0.13	0.09	
DY			0.0830 fts	86	1.2	-0.33		
DZ			0.0744 fts	87	1.1	-0.34		
DX	NEV AZ-3	NEV AZ-4	0.0365 fts	62	2.2	-0.27	0.03	




DY			0.0594 fts	62	2.2	-0.25	
DZ			0.0543 fts	63	2.2	-0.23	
DX	ASH AZ-3	ASH AZ-4	0.0568 fts	29	4.3	-0.17	0.04
DY			0.0756 fts	28	4.4	-0.31	
DZ			0.0840 fts	29	4.4	0.01	
DX	EBDR AZ-26	EBDR AZ-9	0.0271 fts	76	1.6	0.09	0.13
DY			0.0465 fts	79	1.5	0.53	
DZ			0.0504 fts	76	1.6	0.20	
DX	EBDR AZ-26	EBDR AZ-25 OLD	0.0442 fts	83	1.3	0.58	0.43
DY			0.0749 fts	83	1.3	0.11	
DZ			0.0848 fts	86	1.2	0.91	
DX	EBDR AZ-26	EBDR AZ-10	0.0276 fts	77	1.5	0.27	0.11
DY			0.0475 fts	80	1.5	0.56	
DZ			0.0513 fts	77	1.6	0.36	
DX	ASH AZ-27	ASH AZ-26 OLD	0.0271 fts	83	1.3	-1.26	0.69
DY			0.0412 fts	82	1.3	-0.57	
DZ			0.0535 fts	86	1.2	0.01	
DX	ASH AZ-27	ASH AZ-25 OLD	0.0234 fts	77	1.5	0.77	0.24
DY			0.0357 fts	76	1.5	0.62	
DZ			0.0458 fts	80	1.4	0.24	
DX	ASH AZ-27	ASH AZ-22 OLD	0.0444 fts	89	1.0	0.88	0.87
DY			0.0754 fts	88	1.0	0.74	
DZ			0.0740 fts	89	1.0	1.43	
DX	ASH AZ-27	ASH AZ-21 OLD	0.0412 fts	83	1.2	0.30	0.51
DY			0.0704 fts	83	1.2	1.18	
DZ			0.0681 fts	85	1.2	0.59	
DX	ASH AZ-5 OLD	ASH AZ-6 OLD	0.0339 fts	37	3.7	-0.40	0.33
DY			0.0590 fts	38	3.7	0.36	
DZ			0.0461 fts	35	3.7	0.04	
DX	ASH AZ-5 OLD	ASH AZ-17	0.0696 fts	82	1.2	1.47	0.75
DY			0.1043 fts	88	1.2	0.83	
DZ			0.1061 fts	91	1.1	0.41	
DX	ASH AZ-5 OLD	ASH AZ-12 OLD	0.0443 fts	67	1.9	0.62	0.54
DY			0.0837 fts	75	1.8	0.30	
DZ			0.0612 fts	66	1.9	0.79	
DX	ASH AZ-5 OLD	ASH AZ-11 OLD	0.0545 fts	74	1.6	-0.74	3.70 
DY			0.0917 fts	84	1.4	-3.19 	
DZ			0.0746 fts	76	1.4	-1.87	
DX	WBDR AZ-4	WBDR AZ-3	0.0279 fts	42	3.2	0.33	0.04
DY			0.0439 fts	42	3.2	-0.06	
DZ			0.0463 fts	42	3.2	-0.05	
DX	ASH AZ-24	ASH AZ-23	0.0572 fts	41	3.3	0.48	0.10
DY			0.0961 fts	40	3.4	0.03	
DZ			0.0975 fts	40	3.4	0.00	
DX	EBDR AZ-20	EBDR AZ-6	0.0404 fts	79	1.4	0.16	0.27
DY			0.0943 fts	82	1.3	0.43	
DZ			0.0652 fts	80	1.4	0.83	

DX	EBDR AZ-20	EBDR AZ-5	0.0383 fts	77	1.5	0.39	0.44
DY			0.0872 fts	78	1.5	0.02	
DZ			0.0619 fts	76	1.5	0.74	
DX	EBDR AZ-20	EBDR AZ-19	0.0343 fts	60	2.3	-0.28	0.25
DY			0.0760 fts	63	2.3	0.44	
DZ			0.0537 fts	57	2.4	-0.08	
DX	ROND AZ-3	ROND AZ-4	0.0378 fts	49	2.8	-0.35	0.10
DY			0.0452 fts	45	2.9	0.20	
DZ			0.0588 fts	52	2.7	0.30	
DX	ROND AZ-3	ROND AZ-2	0.0456 fts	77	1.5	0.22	0.06
DY			0.0610 fts	80	1.4	-0.23	
DZ			0.0724 fts	79	1.4	-0.28	
DX	ROND AZ-3	ROND AZ-1	0.0438 fts	74	1.6	0.11	0.10
DY			0.0604 fts	80	1.4	-0.45	
DZ			0.0688 fts	76	1.5	-0.27	
DX	ASH AZ-11 OLD	ASH AZ-12 OLD	0.0488 fts	57	2.4	-0.24	1.33
DY			0.0839 fts	65	2.1	1.88	
DZ			0.0678 fts	63	2.1	1.71	
DX	ASH AZ-11 OLD	ASH AZ 11 NEW	0.0761 fts	82	1.3	-1.39	1.56
DY			0.1010 fts	81	1.3	-1.63	
DZ			0.1207 fts	90	1.1	-2.01	
DX	WBDR AZ-12	WBDR AZ-11	0.0465 fts	44	3.1	0.30	0.05
DY			0.0942 fts	46	3.0	0.18	
DZ			0.0814 fts	44	3.1	0.14	
DX	EBDR AZ-13 OLD	EBDR AZ-15	0.0661 fts	93	0.7	-0.09	0.68
DY			0.0938 fts	94	0.7	1.10	
DZ			0.0850 fts	94	0.7	1.39	
DX	EBDR AZ-13 OLD	ASH AZ-1	0.1015 fts	91	1.0	-0.71	0.37
DY			0.1236 fts	88	1.1	-0.30	
DZ			0.1090 fts	82	1.2	-0.31	
DX	EBDR AZ-22	EBDR AZ-8	0.0837 fts	90	0.9	-1.10	0.93
DY			0.1557 fts	92	0.8	1.00	
DZ			0.1118 fts	89	0.9	0.54	
DX	EBDR AZ-22	EBDR AZ-7 OLD	0.1788 fts	97	0.5	-0.31	0.13
DY			0.3048 fts	98	0.5	-0.63	
DZ			0.2127 fts	96	0.5	-0.36	
DX	EBDR AZ-22	EBDR AZ-21	0.0427 fts	38	3.6	0.74	1.39
DY			0.0784 fts	40	3.4	-1.79	
DZ			0.0624 fts	42	3.3	-1.68	
DX	EBDR AZ-28	EBDR AZ-27	0.0322 fts	48	2.8	0.24	0.09
DY			0.0480 fts	48	2.8	-0.38	
DZ			0.0558 fts	52	2.8	-0.19	
DX	EBDR AZ-15	EBDR AZ-2	0.0622 fts	93	0.8	-0.10	0.55
DY			0.0776 fts	91	0.8	-0.04	
DZ			0.0859 fts	92	0.8	-1.08	
DX	EBDR AZ-15	EBDR AZ-16 OLD	0.0310 fts	44	3.2	0.53	0.42
DY			0.0388 fts	42	3.3	-0.13	
DZ			0.0419 fts	42	3.2	0.41	
DX	EBDR AZ-15	EBDR AZ-14 NEW	0.0735 fts	91	0.8	0.14	0.20

DY			0.1047 fts	91	0.9	-0.67		
DZ			0.0948 fts	90	0.9	-0.66		
DX	EBDR AZ-15	EBDR AZ-13 NEW	0.0833 fts	91	0.9	0.12	0.37	
DY			0.1249 fts	91	0.9	0.28		
DZ			0.1198 fts	90	0.9	0.94		
DX	ASH AZ-1	EBDR AZ-14 OLD	0.1109 fts	91	0.9	0.49	0.24	
DY			0.1418 fts	91	0.9	0.20		
DZ			0.1261 fts	86	1.0	-0.50		
DX	SOUTH KORTRIGHT	WBDR AZ-30	0.0278 fts	64	2.1	2.04	2.70	 
DY			0.0425 fts	63	2.1	-0.56		
DZ			0.0531 fts	69	1.9	-0.83		
DX	SOUTH KORTRIGHT	WBDR AZ-28	0.0324 fts	44	3.2	0.40	2.03	
DY			0.0546 fts	46	3.0	-1.03		
DZ			0.0469 fts	39	3.5	1.07		
DX	SOUTH KORTRIGHT	WBDR AZ-25	0.0344 fts	35	4.0	0.11	2.56	
DY			0.0560 fts	58	3.2	0.91		
DZ			0.0534 fts	24	4.1	-1.46		
DX	SOUTH KORTRIGHT	WBDR AZ-23	0.0344 fts	71	1.9	-1.72	3.08	
DY			0.0537 fts	67	1.9	1.50		
DZ			0.0621 fts	75	1.6	0.16		
DX	ASH AZ-16	ASH AZ-15	0.0388 fts	40	3.4	0.08	0.10	
DY			0.0568 fts	36	3.6	0.06		
DZ			0.0481 fts	38	3.5	-0.39		
DX	WALTON	WBDR AZ-9	0.0333 fts	31	4.2	0.99	0.40	
DY			0.0524 fts	29	4.2	0.50		
DZ			0.0454 fts	29	4.2	-0.21		
DX	WALTON	WBDR AZ-8	0.0319 fts	59	2.3	0.31	0.17	
DY			0.0399 fts	57	2.4	0.54		
DZ			0.0429 fts	59	2.3	-0.14		
DX	WALTON	WBDR AZ-7	0.0349 fts	66	2.1	0.05	0.14	
DY			0.0432 fts	63	2.1	0.53		
DZ			0.0466 fts	65	2.0	0.19		
DX	WALTON	WBDR AZ-6	0.0443 fts	43	3.1	0.00	0.06	
DY			0.0527 fts	46	2.9	-0.38		
DZ			0.0461 fts	47	2.9	-0.23		
DX	WALTON	WBDR AZ-5	0.0516 fts	51	2.8	0.76	0.31	
DY			0.0571 fts	51	2.8	-0.02		
DZ			0.0495 fts	47	2.9	0.01		
DX	WALTON	WBDR AZ-4	0.0236 fts	49	2.8	-0.10	0.24	
DY			0.0366 fts	50	2.8	-0.33		
DZ			0.0385 fts	51	2.8	-0.75		
DX	WALTON	WBDR AZ-3	0.0280 fts	55	2.5	0.00	0.11	
DY			0.0439 fts	56	2.4	-0.13		
DZ			0.0464 fts	57	2.4	-0.48		
DX	WALTON	WBDR AZ-22	0.0591 fts	93	0.7	0.58	0.56	
DY			0.0931 fts	94	0.7	-0.22		
DZ			0.0954 fts	94	0.7	-1.05		
DX	WALTON	WBDR AZ-21	0.0563 fts	93	0.7	-0.04	0.55	

DY			0.0887 fts	94	0.7	-0.22	
DZ			0.0899 fts	94	0.7	-1.04	
DX	WALTON	WBDR AZ-2	0.0276 fts	51	2.7	-0.11	0.22
DY			0.0379 fts	50	2.8	0.72	
DZ			0.0357 fts	49	2.8	0.28	
DX	WALTON	WBDR AZ-16 OLD	0.0306 fts	76	1.6	-1.30	0.65
DY			0.0368 fts	71	1.7	-0.72	
DZ			0.0487 fts	77	1.5	-0.55	
DX	WALTON	WBDR AZ-15	0.0285 fts	75	1.7	0.46	0.09
DY			0.0344 fts	69	1.8	0.19	
DZ			0.0460 fts	76	1.6	-0.17	
DX	WALTON	WBDR AZ-14	0.0317 fts	73	1.7	0.31	1.19
DY			0.0417 fts	73	1.7	-0.32	
DZ			0.0386 fts	71	1.8	1.17	
DX	WALTON	WBDR AZ-13	0.0339 fts	75	1.6	0.42	1.24
DY			0.0448 fts	76	1.6	-0.05	
DZ			0.0409 fts	73	1.7	1.40	
DX	WALTON	WBDR AZ-12	0.0381 fts	67	2.0	-0.46	0.45
DY			0.0753 fts	71	1.8	-0.63	
DZ			0.0648 fts	69	1.9	-0.89	
DX	WALTON	WBDR AZ-11	0.0517 fts	71	1.8	-0.18	0.26
DY			0.1051 fts	72	1.7	-0.67	
DZ			0.0907 fts	72	1.8	-0.76	
DX	WALTON	WBDR AZ-10	0.0520 fts	55	2.5	0.30	0.04
DY			0.0822 fts	55	2.5	0.05	
DZ			0.0719 fts	54	2.5	-0.13	
DX	WALTON	WBDR AZ-1	0.0299 fts	53	2.6	-0.18	0.27
DY			0.0410 fts	52	2.6	0.16	
DZ			0.0393 fts	54	2.6	-0.43	
DX	WBDR AZ-24	WBDR AZ-23	0.0239 fts	13	7.1	-1.70	0.98
DY			0.0375 fts	13	7.1	-0.40	
DZ			0.0379 fts	13	7.2	-0.07	
DX	CLARYVILLE	ROND AZ-8	0.0642 fts	93	0.8	0.79	2.25 
DY			0.0839 fts	90	0.9	1.93	
DZ			0.0808 fts	90	0.9	2.41 	
DX	CLARYVILLE	ROND AZ-7	0.0563 fts	92	1.0	0.82	2.84 
DY			0.0740 fts	88	1.0	1.95	
DZ			0.0726 fts	88	1.0	2.78 	
DX	CLARYVILLE	ROND AZ-6	0.0347 fts	76	1.5	0.40	1.35
DY			0.0554 fts	80	1.5	-0.47	
DZ			0.0470 fts	75	1.6	-1.73	
DX	CLARYVILLE	ROND AZ-5	0.0365 fts	78	1.4	0.02	1.69
DY			0.0596 fts	85	1.4	-0.89	
DZ			0.0488 fts	77	1.5	-2.08 	
DX	CLARYVILLE	ROND AZ-4	0.0469 fts	80	1.6	-0.90	0.52
DY			0.0519 fts	66	1.9	-0.03	
DZ			0.0666 fts	76	1.7	-0.23	
DX	CLARYVILLE	ROND AZ-3	0.0414 fts	73	1.9	-0.71	0.17
DY			0.0474 fts	57	2.3	-0.32	
DZ			0.0600 fts	68	2.0	-0.02	
DX	CLARYVILLE	ROND AZ-2	0.0625 fts	92	0.9	-1.09	0.65
DY			0.0771 fts	89	1.0	-1.27	





DZ			0.0886 fts	90	0.9	-0.40		
DX	CLARYVILLE	ROND AZ-1	0.0595 fts	91	0.9	-1.24	0.80	
DY			0.0773 fts	90	1.0	-1.44		
DZ			0.0836 fts	89	1.0	-0.62		
DX	CLARYVILLE	NEV AZ-4	0.0305 fts	53	2.6	0.26	0.26	
DY			0.0486 fts	56	2.6	-0.32		
DZ			0.0447 fts	54	2.6	-0.76		
DX	CLARYVILLE	NEV AZ-3	0.0344 fts	61	2.2	0.16	0.04	
DY			0.0554 fts	60	2.2	-0.17		
DZ			0.0498 fts	61	2.2	-0.20		
DX	CLARYVILLE	NEV AZ-2	0.0624 fts	81	1.6	0.27	0.53	
DY			0.0922 fts	68	1.7	0.55		
DZ			0.0819 fts	80	1.5	1.11		
DX	CLARYVILLE	NEV AZ-1	0.0479 fts	57	2.4	0.50	2.87	⚠
DY			0.0888 fts	64	2.3	1.92		
DZ			0.0562 fts	53	2.6	2.80	⚠	
DX	WBDR AZ-29	WBDR AZ-30	0.0245 fts	28	4.6	2.24	⚠	1.77
DY			0.0374 fts	27	4.6	1.55		
DZ			0.0458 fts	32	4.2	0.96		
DX	PHOENICIA	ROND AZ-8	0.0712 fts	93	0.9	0.42	0.14	
DY			0.0946 fts	90	0.9	0.10		
DZ			0.0935 fts	89	0.9	-0.50		
DX	PHOENICIA	ROND AZ-7	0.0648 fts	92	1.0	-0.21	0.90	
DY			0.0863 fts	88	1.0	-0.93		
DZ			0.0885 fts	88	1.0	-1.61		
DX	PHOENICIA	ROND AZ-6	0.0692 fts	91	0.8	-0.93	1.28	
DY			0.1116 fts	94	0.8	0.91		
DZ			0.0989 fts	91	0.9	1.05		
DX	PHOENICIA	ROND AZ-4	0.1105 fts	96	0.7	0.47	0.19	
DY			0.1266 fts	94	0.7	0.73		
DZ			0.1467 fts	94	0.7	0.39		
DX	PHOENICIA	ROND AZ-2	0.0922 fts	96	0.7	0.83	0.80	
DY			0.1119 fts	93	0.8	1.53		
DZ			0.1265 fts	94	0.7	1.13		
DX	PHOENICIA	ROND AZ-1	0.0896 fts	96	0.7	0.89	0.91	
DY			0.1127 fts	94	0.8	1.64		
DZ			0.1206 fts	93	0.8	1.16		
DX	PHOENICIA	NEV AZ-4	0.0748 fts	90	0.9	-0.57	0.39	
DY			0.1243 fts	94	0.8	0.19		
DZ			0.1269 fts	94	0.8	-0.01		
DX	PHOENICIA	NEV AZ-3	0.0811 fts	91	0.8	0.01	0.03	
DY			0.1362 fts	95	0.8	-0.22		
DZ			0.1193 fts	92	0.8	-0.13		
DX	PHOENICIA	NEV AZ-2	0.1186 fts	95	0.8	-0.21	0.17	
DY			0.1742 fts	90	0.8	0.08		
DZ			0.1857 fts	95	0.7	0.71		
DX	PHOENICIA	NEV AZ-1	0.1330 fts	95	0.6	1.49	0.93	
DY			0.3093 fts	97	0.5	1.16		
DZ			0.1852 fts	95	0.6	0.46		
DX	PHOENICIA	ASH AZ-30 OLD	0.0408 fts	76	1.5	-0.46	0.14	
DY			0.1061 fts	84	1.2	0.26		
DZ			0.0692 fts	79	1.4	0.55		

DX	PHOENICIA	ASH AZ-29 OLD	0.0383 fts	77	1.5	-0.05	0.01
DY			0.0927 fts	83	1.2	0.09	
DZ			0.0659 fts	80	1.4	0.18	
DX	PHOENICIA	ASH AZ-28	0.0301 fts	84	1.3	0.07	0.11
DY			0.0467 fts	83	1.3	-0.40	
DZ			0.0542 fts	84	1.3	-0.24	
DX	PHOENICIA	ASH AZ-27	0.0277 fts	80	1.5	0.31	0.41
DY			0.0438 fts	79	1.5	-0.25	
DZ			0.0484 fts	78	1.5	-0.85	
DX	PHOENICIA	ASH AZ-26 OLD	0.0249 fts	73	1.7	-0.43	0.28
DY			0.0391 fts	72	1.7	-0.37	
DZ			0.0470 fts	76	1.6	0.41	
DX	PHOENICIA	ASH AZ-25 OLD	0.0259 fts	77	1.6	1.88	1.42
DY			0.0407 fts	76	1.6	1.17	
DZ			0.0493 fts	80	1.4	0.17	
DX	PHOENICIA	ASH AZ-22 OLD	0.0292 fts	72	1.8	-1.78	1.18
DY			0.0536 fts	76	1.7	-0.75	
DZ			0.0455 fts	67	1.9	0.49	
DX	PHOENICIA	ASH AZ-21 OLD	0.0360 fts	79	1.5	-2.15	 1.71
DY			0.0660 fts	84	1.3	-1.87	
DZ			0.0551 fts	76	1.5	-0.65	
DX	ROND AZ-7	ROND AZ-8	0.0262 fts	44	3.2	-0.14	0.04
DY			0.0343 fts	41	3.3	-0.30	
DZ			0.0336 fts	44	3.2	-0.29	
DX	ROND AZ-7	NEV AZ-2	0.0770 fts	87	1.2	-0.05	0.76
DY			0.1104 fts	83	1.2	-0.83	
DZ			0.0974 fts	86	1.1	-1.47	
DX	BOICEVILLE	EBDR AZ-28	0.0659 fts	93	0.8	1.55	0.90
DY			0.0977 fts	93	0.8	0.58	
DZ			0.1079 fts	93	0.8	-0.09	
DX	BOICEVILLE	EBDR AZ-27	0.0699 fts	93	0.7	0.73	0.27
DY			0.1033 fts	92	0.8	0.40	
DZ			0.1210 fts	94	0.7	-0.16	
DX	BOICEVILLE	EBDR AZ-14 OLD	0.0704 fts	95	0.6	1.81	1.22
DY			0.0893 fts	93	0.7	-0.19	
DZ			0.0806 fts	93	0.8	-0.54	
DX	BOICEVILLE	EBDR AZ-13 OLD	0.0718 fts	95	0.6	1.59	1.31
DY			0.0865 fts	93	0.7	-0.39	
DZ			0.0767 fts	92	0.8	-0.26	
DX	BOICEVILLE	ASH AZ-8	0.0506 fts	91	0.9	0.01	0.66
DY			0.1238 fts	92	0.8	-1.33	
DZ			0.0978 fts	92	0.8	-1.13	
DX	BOICEVILLE	ASH AZ-7	0.0607 fts	93	0.8	0.40	0.31
DY			0.1490 fts	94	0.7	-0.70	
DZ			0.1126 fts	93	0.7	-0.97	
DX	BOICEVILLE	ASH AZ-5 OLD	0.0554 fts	90	0.9	2.03	 1.98 
DY			0.0928 fts	91	0.9	0.32	

DZ			0.0762 fts	89	1.0	-0.95		
DX	BOICEVILLE	ASH AZ-4	0.0984 fts	91	1.0	1.38		1.46
DY			0.1305 fts	89	1.0	1.37		
DZ			0.1513 fts	91	0.9	-1.08		
DX	BOICEVILLE	ASH AZ-30 OLD	0.0330 fts	65	2.0	-0.38		0.07
DY			0.0831 fts	72	1.7	0.18		
DZ			0.0551 fts	69	1.9	0.11		
DX	BOICEVILLE	ASH AZ-3	0.0667 fts	84	1.2	0.92		1.15
DY			0.0872 fts	83	1.3	0.39		
DZ			0.0874 fts	82	1.3	-1.47		
DX	BOICEVILLE	ASH AZ-29 OLD	0.0281 fts	53	2.7	0.68		0.27
DY			0.0650 fts	52	2.5	0.13		
DZ			0.0472 fts	55	2.5	-0.66		
DX	BOICEVILLE	ASH AZ-28	0.0186 fts	65	2.1	-1.04		0.40
DY			0.0291 fts	64	2.1	-0.69		
DZ			0.0348 fts	67	2.0	-0.23		
DX	BOICEVILLE	ASH AZ-27	0.0194 fts	66	2.0	-0.02		0.24
DY			0.0308 fts	66	2.0	-0.23		
DZ			0.0354 fts	67	2.0	-0.80		
DX	BOICEVILLE	ASH AZ-26 OLD	0.0204 fts	72	1.7	-1.62		1.87
DY			0.0310 fts	71	1.7	-1.33		
DZ			0.0392 fts	74	1.6	0.47		
DX	BOICEVILLE	ASH AZ-25 OLD	0.0197 fts	71	1.8	1.22		0.58
DY			0.0300 fts	70	1.8	0.33		
DZ			0.0381 fts	74	1.7	0.05		
DX	BOICEVILLE	ASH AZ-24	0.0542 fts	39	3.4	0.20		0.31
DY			0.0917 fts	40	3.4	-0.72		
DZ			0.0930 fts	41	3.3	-0.46		
DX	BOICEVILLE	ASH AZ-23	0.0512 fts	50	2.7	-0.22		0.34
DY			0.0855 fts	51	2.7	-0.91		
DZ			0.0866 fts	51	2.7	-0.35		
DX	BOICEVILLE	ASH AZ-22 OLD	0.0294 fts	76	1.5	1.21		0.56
DY			0.0541 fts	77	1.5	0.65		
DZ			0.0472 fts	76	1.5	0.45		
DX	BOICEVILLE	ASH AZ-21 OLD	0.0341 fts	77	1.5	-0.26		0.09
DY			0.0621 fts	79	1.3	-0.49		
DZ			0.0542 fts	79	1.4	-0.38		
DX	BOICEVILLE	ASH AZ-20	0.0261 fts	66	2.0	-2.61	⚠	4.28 ⚠
DY			0.0606 fts	67	1.9	1.27		
DZ			0.0487 fts	67	2.0	3.26	⚠	
DX	BOICEVILLE	ASH AZ-19	0.0260 fts	67	2.0	-2.33	⚠	4.12 ⚠
DY			0.0600 fts	67	1.9	1.55		
DZ			0.0478 fts	67	1.9	3.28	⚠	
DX	BOICEVILLE	ASH AZ-18	0.0414 fts	70	1.9	0.85		1.43
DY			0.0601 fts	67	1.9	-0.16		
DZ			0.0564 fts	63	2.0	-1.78		
DX	BOICEVILLE	ASH AZ-17	0.0465 fts	73	1.8	0.07		0.19
DY			0.0649 fts	69	1.9	0.25		








DZ			0.0653 fts	69	1.8	-0.27			
DX	BOICEVILLE	ASH AZ-16	0.0366 fts	63	2.1	-0.04		3.34	⚠
DY			0.0537 fts	59	2.3	2.61	⚠		
DZ			0.0462 fts	60	2.3	3.00	⚠		
DX	BOICEVILLE	ASH AZ-15	0.0409 fts	68	1.9	0.21		2.29	⚠
DY			0.0590 fts	65	2.0	2.34	⚠		
DZ			0.0498 fts	64	2.1	2.37	⚠		
DX	BOICEVILLE	ASH AZ-14	0.0576 fts	75	1.6	-0.91		0.37	
DY			0.0792 fts	75	1.6	-0.28			
DZ			0.0919 fts	76	1.6	-0.38			
DX	BOICEVILLE	ASH AZ-13	0.0436 fts	67	2.0	-1.89		1.61	
DY			0.0530 fts	58	2.3	-0.38			
DZ			0.0710 fts	68	2.0	-0.61			
DX	BOICEVILLE	ASH AZ-12 OLD	0.0461 fts	72	1.7	1.42		2.23	⚠
DY			0.0840 fts	72	1.7	-1.62			
DZ			0.0666 fts	75	1.6	-2.05	⚠		
DX	BOICEVILLE	ASH AZ-11 OLD	0.0500 fts	73	1.7	1.15		3.72	⚠
DY			0.0766 fts	82	1.3	-2.44	⚠		
DZ			0.0711 fts	80	1.3	-3.06	⚠		
DX	BOICEVILLE	ASH AZ-1	0.0688 fts	74	1.6	1.01		0.67	
DY			0.0930 fts	74	1.6	0.53			
DZ			0.0909 fts	78	1.5	-0.59			
DX	ANDES	WBDR AZ-8	0.0638 fts	92	0.8	0.23		0.43	
DY			0.0805 fts	90	0.9	0.14			
DZ			0.0861 fts	91	0.8	-0.93			
DX	ANDES	WBDR AZ-7	0.0659 fts	92	0.9	0.89		1.26	
DY			0.0817 fts	90	0.9	0.29			
DZ			0.0865 fts	90	0.9	-1.59			
DX	ANDES	WBDR AZ-6	0.0882 fts	91	0.8	0.19		1.10	
DY			0.1081 fts	91	0.8	1.05			
DZ			0.0942 fts	90	0.9	-0.48			
DX	ANDES	WBDR AZ-4	0.0416 fts	86	1.1	0.12		1.15	
DY			0.0645 fts	87	1.1	1.66			
DZ			0.0674 fts	88	1.1	0.64			
DX	ANDES	WBDR AZ-30	0.0458 fts	87	1.1	-3.72	⚠	6.89	⚠
DY			0.0824 fts	91	0.9	-1.83			
DZ			0.0758 fts	84	1.1	-2.50	⚠		
DX	ANDES	WBDR AZ-3	0.0550 fts	90	0.9	-0.30		0.76	
DY			0.0864 fts	90	0.9	1.33			
DZ			0.0914 fts	91	0.9	0.61			
DX	ANDES	WBDR AZ-28	0.0529 fts	88	1.0	0.50		1.41	
DY			0.0912 fts	89	1.0	1.31			
DZ			0.0729 fts	86	1.1	-0.68			
DX	ANDES	WBDR AZ-27	0.0574 fts	85	1.1	0.24		1.99	⚠
DY			0.0979 fts	85	1.1	-0.29			
DZ			0.0834 fts	86	1.1	-2.19	⚠		
DX	ANDES	WBDR AZ-26	0.0515 fts	85	1.2	1.09		1.05	
DY			0.0737 fts	84	1.2	0.61			
DZ			0.0728 fts	86	1.2	-0.81			
DX	ANDES	WBDR AZ-24	0.0396 fts	85	1.1	-0.87		1.15	
DY			0.0625 fts	86	1.1	1.36			

DZ			0.0614 fts	85	1.1	0.92	
DX	ANDES	WBDR AZ-23	0.0400 fts	86	1.1	-1.16	1.03
DY			0.0633 fts	87	1.0	1.00	
DZ			0.0636 fts	88	1.0	0.60	
DX	ANDES	WBDR AZ-2	0.0478 fts	87	1.1	-0.41	1.18
DY			0.0661 fts	86	1.1	-0.39	
DZ			0.0614 fts	86	1.1	-1.36	
DX	ANDES	WBDR AZ-18	0.0414 fts	62	2.2	0.56	0.69
DY			0.0519 fts	63	2.2	1.13	
DZ			0.0480 fts	61	2.2	0.00	
DX	ANDES	WBDR AZ-17	0.0430 fts	60	2.3	0.50	0.48
DY			0.0536 fts	59	2.3	1.04	
DZ			0.0495 fts	58	2.3	0.15	
DX	ANDES	WBDR AZ-10	0.1088 fts	92	0.8	-0.24	0.20
DY			0.1721 fts	94	0.8	0.22	
DZ			0.1498 fts	93	0.8	-0.03	
DX	ANDES	WBDR AZ-1	0.0590 fts	90	0.9	-0.20	0.17
DY			0.0825 fts	90	0.9	0.09	
DZ			0.0776 fts	90	0.9	-0.34	
DX	ANDES	EBDR AZ-8	0.0401 fts	73	1.7	1.59	1.76
DY			0.0623 fts	77	1.6	1.86	
DZ			0.0480 fts	71	1.7	0.75	
DX	ANDES	EBDR AZ-7 OLD	0.0558 fts	78	1.4	0.64	0.28
DY			0.0827 fts	82	1.3	0.77	
DZ			0.0629 fts	76	1.5	0.46	
DX	ANDES	EBDR AZ-4	0.0447 fts	41	3.4	-0.17	0.40
DY			0.0565 fts	53	2.9	-0.97	
DZ			0.0604 fts	48	3.0	-0.26	
DX	ANDES	EBDR AZ-22	0.0656 fts	89	1.0	1.13	0.73
DY			0.1311 fts	92	0.9	-0.84	
DZ			0.0954 fts	89	0.9	-0.51	
DX	ANDES	EBDR AZ-21	0.0772 fts	90	0.9	0.66	0.18
DY			0.1563 fts	94	0.8	-0.24	
DZ			0.1082 fts	90	0.9	-0.05	
DX	ANDES	EBDR AZ-2	0.0251 fts	68	1.9	-1.24	1.51
DY			0.0315 fts	66	2.0	-1.19	
DZ			0.0347 fts	67	1.9	1.03	
DX	ANDES	EBDR AZ-18	0.0622 fts	91	0.9	0.45	1.89
DY			0.0866 fts	93	0.8	1.74	
DZ			0.0923 fts	93	0.8	2.36	⚠
DX	ANDES	EBDR AZ-17	0.0883 fts	94	0.9	-2.26	⚠ 2.85 ⚠
DY			0.0831 fts	91	0.9	1.80	
DZ			0.0722 fts	88	1.0	-0.90	
DX	ANDES	EBDR AZ-15	0.0582 fts	93	0.8	0.35	0.96
DY			0.0738 fts	92	0.8	1.04	
DZ			0.0778 fts	92	0.8	1.66	
DX	ANDES	EBDR AZ-12	0.1960 fts	99	0.3	0.24	0.11
DY			0.2675 fts	98	0.3	0.53	
DZ			0.2414 fts	98	0.3	0.36	
DX	ANDES	EBDR AZ-1	0.0221 fts	62	2.3	-1.88	3.26 ⚠
DY			0.0281 fts	59	2.3	-1.66	
DZ			0.0302 fts	59	2.3	1.57	





DX	MARGARETVILLE WBDR AZ-18	0.0631 fts	87	1.1	-1.65		2.11	
DY		0.0787 fts	86	1.1	-2.21			
DZ		0.0734 fts	86	1.1	-1.79			
DX	MARGARETVILLE WBDR AZ-17	0.0817 fts	92	0.8	-0.73		0.33	
DY		0.1017 fts	91	0.8	-0.91			
DZ		0.0961 fts	91	0.8	-0.51			
DX	MARGARETVILLE EBDR AZ-9	0.0161 fts	56	2.5	3.14		3.60	
DY		0.0256 fts	55	2.5	0.90			
DZ		0.0300 fts	56	2.5	0.76			
DX	MARGARETVILLE EBDR AZ-8	0.0364 fts	68	1.9	0.49		0.16	
DY		0.0544 fts	68	1.9	0.42			
DZ		0.0436 fts	67	1.9	0.49			
DX	MARGARETVILLE EBDR AZ-7 OLD	0.0546 fts	79	1.4	-0.14		0.19	
DY		0.0747 fts	77	1.5	0.68			
DZ		0.0626 fts	78	1.5	0.42			
DX	MARGARETVILLE EBDR AZ-6	0.0256 fts	72	1.7	1.45		0.78	
DY		0.0579 fts	74	1.7	-0.13			
DZ		0.0426 fts	73	1.7	-0.38			
DX	MARGARETVILLE EBDR AZ-5	0.0237 fts	66	2.0	1.64		0.94	
DY		0.0527 fts	66	2.0	0.14			
DZ		0.0397 fts	67	2.0	-0.33			
DX	MARGARETVILLE EBDR AZ-28	0.0380 fts	81	1.3	-0.99		0.79	
DY		0.0569 fts	81	1.3	-1.05			
DZ		0.0649 fts	83	1.3	-0.72			
DX	MARGARETVILLE EBDR AZ-27	0.0432 fts	85	1.2	-0.40		0.21	
DY		0.0642 fts	84	1.2	-0.50			
DZ		0.0758 fts	86	1.1	-0.52			
DX	MARGARETVILLE EBDR AZ-26	0.0233 fts	68	1.9	1.43		1.20	
DY		0.0398 fts	68	1.9	-0.25			
DZ		0.0439 fts	69	1.9	0.08			
DX	MARGARETVILLE EBDR AZ-25 OLD	0.0418 fts	80	1.4	1.44		0.95	
DY		0.0658 fts	76	1.5	0.33			
DZ		0.0841 fts	84	1.2	1.02			
DX	MARGARETVILLE EBDR AZ-24	0.0293 fts	70	1.8	-0.72		0.45	
DY		0.0506 fts	70	1.8	0.65			
DZ		0.0406 fts	69	1.9	0.94			
DX	MARGARETVILLE EBDR AZ-23	0.0299 fts	66	2.0	-0.22		0.61	
DY		0.0522 fts	66	2.0	0.85			
DZ		0.0430 fts	66	2.0	1.32			
DX	MARGARETVILLE EBDR AZ-22	0.0622 fts	89	1.0	0.63		0.42	
DY		0.1243 fts	91	0.9	-0.89			
DZ		0.0922 fts	89	0.9	-0.65			
DX	MARGARETVILLE EBDR AZ-21	0.0857 fts	93	0.7	0.02		0.01	
DY		0.1418 fts	92	0.8	0.12			
DZ		0.1218 fts	93	0.8	0.19			
DX	MARGARETVILLE EBDR AZ-20	0.0353 fts	78	1.5	1.37		0.93	
DY		0.0762 fts	77	1.5	1.44			
DZ		0.0564 fts	77	1.5	0.47			
DX	MARGARETVILLE EBDR AZ-2	0.0381 fts	89	1.0	0.94		1.45	
DY		0.0472 fts	85	1.1	0.61			
DZ		0.0531 fts	87	1.0	1.64			
DX	MARGARETVILLE EBDR AZ-19	0.0318 fts	72	1.7	2.30		1.79	



DZ			0.1550 fts	90	0.9	0.01		
DX	MARGARETVILLE ASH AZ-18		0.0630 fts	90	1.0	1.42	0.78	
DY			0.0920 fts	88	1.0	1.42		
DZ			0.0876 fts	88	1.0	0.46		
DX	MARGARETVILLE ASH AZ-17		0.0734 fts	91	0.9	0.61	0.15	
DY			0.1001 fts	89	0.9	0.59		
DZ			0.1049 fts	91	0.9	0.46		
DX	MARGARETVILLE ASH AZ-16		0.0729 fts	93	0.8	-0.19	0.56	
DY			0.1040 fts	92	0.8	-0.91		
DZ			0.0907 fts	92	0.8	-1.28		
DX	MARGARETVILLE ASH AZ-15		0.0830 fts	93	0.7	-0.21	0.60	
DY			0.1183 fts	93	0.7	-1.18		
DZ			0.0995 fts	92	0.8	-1.22		
DX	MARGARETVILLE ASH AZ-14		0.1011 fts	94	0.8	1.62	1.11	
DY			0.1297 fts	93	0.8	1.67		
DZ			0.1435 fts	91	0.8	0.60		
DX	MARGARETVILLE ASH AZ-13		0.0760 fts	92	0.8	1.34	1.00	
DY			0.0894 fts	89	0.9	1.55		
DZ			0.1243 fts	92	0.8	0.54		
DX	DELHI	WBDR AZ-22	0.0200 fts	47	2.9	0.14	0.14	
DY			0.0315 fts	48	2.9	0.28		
DZ			0.0322 fts	48	2.9	0.58		
DX	DELHI	WBDR AZ-21	0.0188 fts	36	3.7	0.79	0.38	
DY			0.0295 fts	38	3.6	0.22		
DZ			0.0301 fts	37	3.6	0.51		
DX	DELHI	WBDR AZ-20	0.0268 fts	43	3.1	2.24	2.42	⚠
DY			0.0411 fts	48	3.1	1.92		
DZ			0.0361 fts	45	3.1	1.67		
DX	DELHI	WBDR AZ-19 OLD	0.0269 fts	45	3.0	-1.01	0.41	
DY			0.0411 fts	50	3.0	-0.37		
DZ			0.0362 fts	46	3.0	0.28		
DX	DELHI	WBDR AZ-16 OLD	0.0270 fts	65	2.1	-0.45	0.75	
DY			0.0331 fts	57	2.3	-1.02		
DZ			0.0430 fts	65	2.1	-1.46		
DX	DELHI	WBDR AZ-15	0.0281 fts	72	1.8	0.36	0.29	
DY			0.0342 fts	64	2.0	0.12		
DZ			0.0453 fts	74	1.7	-0.69		
DX	DELHI	WBDR AZ-14	0.0392 fts	81	1.3	-1.21	0.91	
DY			0.0518 fts	81	1.4	-0.68		
DZ			0.0481 fts	77	1.5	-1.15		
DX	DELHI	WBDR AZ-13	0.0416 fts	82	1.3	-1.04	0.75	
DY			0.0552 fts	82	1.3	-0.36		
DZ			0.0505 fts	78	1.4	-0.95		
DX	DELHI	WBDR AZ-12	0.0442 fts	76	1.6	0.55	0.21	
DY			0.0878 fts	80	1.4	0.48		
DZ			0.0756 fts	78	1.5	0.02		
DX	DELHI	WBDR AZ-11	0.0549 fts	74	1.7	0.41	0.44	
DY			0.1116 fts	76	1.6	0.90		
DZ			0.0984 fts	77	1.5	0.85		
DX	WBDR AZ-20	WBDR AZ-19 OLD	0.0276 fts	53	2.5	-2.59	2.29	⚠
DY			0.0416 fts	66	2.3	-1.93		⚠










DZ			0.0364 fts	60	2.3	-0.74	
DX	SUNDOWN	ROND AZ-8	0.0251 fts	46	3.2	-0.35	0.23
DY			0.0329 fts	42	3.2	-0.56	
DZ			0.0320 fts	43	3.2	-0.76	
DX	SUNDOWN	ROND AZ-7	0.0246 fts	47	3.1	0.10	0.17
DY			0.0323 fts	43	3.2	-0.22	
DZ			0.0317 fts	44	3.1	-0.71	
DX	SUNDOWN	ROND AZ-6	0.0253 fts	57	2.4	0.02	0.63
DY			0.0405 fts	59	2.4	0.07	
DZ			0.0343 fts	57	2.4	0.99	
DX	SUNDOWN	ROND AZ-5	0.0253 fts	55	2.5	0.15	0.79
DY			0.0411 fts	60	2.4	0.82	
DZ			0.0341 fts	53	2.6	1.50	
DX	SUNDOWN	ROND AZ-4	0.0434 fts	76	1.6	0.18	0.02
DY			0.0518 fts	70	1.7	-0.07	
DZ			0.0682 fts	79	1.5	-0.14	
DX	SUNDOWN	ROND AZ-3	0.0410 fts	74	1.7	0.62	0.16
DY			0.0493 fts	67	1.8	0.00	
DZ			0.0643 fts	77	1.6	-0.15	
DX	SUNDOWN	ROND AZ-2	0.0327 fts	69	1.8	-0.49	0.30
DY			0.0443 fts	67	1.9	0.06	
DZ			0.0518 fts	72	1.8	-0.40	
DX	SUNDOWN	ROND AZ-1	0.0320 fts	66	1.9	-0.23	0.23
DY			0.0446 fts	68	1.9	0.05	
DZ			0.0499 fts	69	1.9	-0.47	
DX	SUNDOWN	NEV AZ-4	0.0399 fts	80	1.4	0.28	0.11
DY			0.0638 fts	81	1.4	0.32	
DZ			0.0593 fts	80	1.4	0.51	
DX	SUNDOWN	NEV AZ-3	0.0434 fts	79	1.4	-0.03	0.08
DY			0.0725 fts	84	1.3	0.38	
DZ			0.0630 fts	80	1.4	0.43	
DX	SUNDOWN	NEV AZ-2	0.0690 fts	83	1.3	-0.29	0.29
DY			0.1005 fts	79	1.4	-0.49	
DZ			0.0869 fts	83	1.3	-0.87	
DX	SUNDOWN	NEV AZ-1	0.0633 fts	80	1.3	-0.50	0.49
DY			0.1248 fts	85	1.1	-0.37	
DZ			0.0735 fts	81	1.3	-0.89	
DX	WBDR AZ-2	WBDR AZ-1	0.0313 fts	45	3.1	-0.18	0.12
DY			0.0432 fts	46	3.0	-0.26	
DZ			0.0409 fts	46	3.0	-0.45	
DX	NYON	WBDR AZ-9	0.0394 fts	76	1.6	-0.93	0.32
DY			0.0620 fts	80	1.6	-0.57	
DZ			0.0534 fts	75	1.6	0.00	
DX	NYON	WBDR AZ-8	0.0442 fts	83	1.2	-0.24	0.44
DY			0.0568 fts	84	1.2	-0.27	
DZ			0.0572 fts	81	1.3	0.82	
DX	NYON	WBDR AZ-7	0.0545 fts	89	1.0	0.04	0.00
DY			0.0691 fts	89	1.0	0.06	
DZ			0.0688 fts	86	1.1	0.01	
DX	NYON	WBDR AZ-6	0.0751 fts	89	0.9	0.15	0.27
DY			0.0937 fts	90	0.9	0.69	
DZ			0.0816 fts	89	0.9	0.87	
DX	NYON	WBDR AZ-5	0.0966 fts	92	0.8	-0.87	0.30
DY			0.1048 fts	90	0.9	-0.47	
DZ							



			0.0952 fts	91	0.9	0.26		
DX	NYON	WBDR AZ-4	0.0327 fts	81	1.3	0.04		0.36
DY			0.0511 fts	81	1.3	-0.03		
DZ			0.0536 fts	83	1.3	0.66		
DX	NYON	WBDR AZ-3	0.0493 fts	89	0.9	-0.24		0.21
DY			0.0776 fts	89	0.9	-0.19		
DZ			0.0821 fts	90	0.9	0.42		
DX	NYON	WBDR AZ-28	0.0387 fts	80	1.4	0.37		2.26 
DY			0.0672 fts	79	1.4	0.49		
DZ			0.0541 fts	75	1.5	2.18		
DX	NYON	WBDR AZ-26	0.0363 fts	69	1.8	0.32		3.59 
DY			0.0515 fts	65	1.9	0.22		
DZ			0.0520 fts	72	1.9	2.08		
DX	NYON	WBDR AZ-25	0.0611 fts	92	0.9	-0.72		0.19
DY			0.0804 fts	87	1.0	-0.02		
DZ			0.0818 fts	92	1.0	0.47		
DX	NYON	WBDR AZ-24	0.0296 fts	78	1.5	-0.31		0.43
DY			0.0463 fts	78	1.5	-0.32		
DZ			0.0461 fts	76	1.5	0.55		
DX	NYON	WBDR AZ-22	0.0399 fts	88	1.0	-0.06		0.10
DY			0.0627 fts	88	1.0	0.41		
DZ			0.0642 fts	89	1.0	0.08		
DX	NYON	WBDR AZ-21	0.0337 fts	84	1.2	-1.20		0.77
DY			0.0530 fts	85	1.1	0.62		
DZ			0.0537 fts	85	1.1	0.43		
DX	NYON	WBDR AZ-20	0.0500 fts	89	1.0	-0.41		0.57
DY			0.0780 fts	91	1.0	-0.66		
DZ			0.0679 fts	87	1.0	-1.21		
DX	NYON	WBDR AZ-2	0.0415 fts	85	1.1	-0.02		0.23
DY			0.0570 fts	84	1.2	0.05		
DZ			0.0534 fts	84	1.2	0.61		
DX	NYON	WBDR AZ-19 OLD	0.0488 fts	89	1.0	0.35		0.63
DY			0.0753 fts	90	1.0	-0.06		
DZ			0.0663 fts	86	1.1	-1.11		
DX	NYON	WBDR AZ-18	0.0492 fts	78	1.5	-0.06		0.68
DY			0.0618 fts	77	1.5	-0.73		
DZ			0.0580 fts	77	1.5	0.41		
DX	NYON	WBDR AZ-17	0.0640 fts	87	1.1	0.73		1.05
DY			0.0796 fts	86	1.1	0.61		
DZ			0.0739 fts	86	1.1	1.45		
DX	NYON	WBDR AZ-16 OLD	0.0384 fts	88	1.0	2.12		2.02 
DY			0.0459 fts	84	1.1	2.08		
DZ			0.0617 fts	88	1.0	0.85		
DX	NYON	WBDR AZ-15	0.0344 fts	87	1.1	-0.21		0.21
DY			0.0411 fts	82	1.2	0.00		
DZ			0.0560 fts	87	1.1	0.65		
DX	NYON	WBDR AZ-14	0.0328 fts	78	1.5	1.10		0.97
DY			0.0433 fts	76	1.5	1.55		
DZ			0.0399 fts	74	1.6	0.48		
DX	NYON	WBDR AZ-13	0.0459 fts	89	1.0	-0.24		0.20
DY			0.0606 fts	88	1.0	-0.44		





DZ			0.0549 fts	87	1.0	-0.76		
DX	NYON	WBDR AZ-12	0.0432 fts	78	1.4	0.09	0.44	
DY			0.0805 fts	76	1.5	-0.26		
DZ			0.0707 fts	77	1.5	0.59		
DX	NYON	WBDR AZ-11	0.1083 fts	94	0.6	-0.51	0.18	
DY			0.2046 fts	94	0.7	-0.49		
DZ			0.1807 fts	94	0.7	-0.17		
DX	NYON	WBDR AZ-1	0.0485 fts	88	1.0	0.11	0.92	
DY			0.0668 fts	87	1.0	0.67		
DZ			0.0642 fts	88	1.0	1.44		
DX	NYON	EBDR AZ-8	0.0543 fts	88	1.0	-2.16	1.64	⚠
DY			0.0815 fts	88	1.0	0.01		
DZ			0.0650 fts	86	1.1	-0.01		
D0	NYON	EBDR AZ-7 OLD	0.1040 fts	95	0.6	-0.87	0.47	
DY			0.1261 fts	92	0.8	-0.91		
DZ			0.1069 fts	93	0.7	-0.69		
DX	NYON	EBDR AZ-6	0.0385 fts	88	1.0	-1.08	2.09	⚠
DY			0.0871 fts	88	1.0	0.71		
DZ			0.0646 fts	86	1.0	-0.94		
DX	NYON	EBDR AZ-5	0.0359 fts	87	1.1	-0.78	2.21	⚠
DY			0.0799 fts	86	1.0	0.17		
DZ			0.0609 fts	85	1.1	-1.64		
DX	NYON	EBDR AZ-3	0.0592 fts	77	1.6	-0.15	0.27	
DY			0.0713 fts	74	1.6	-0.30		
DZ			0.0884 fts	82	1.4	-0.83		
DX	NYON	EBDR AZ-22	0.0530 fts	84	1.2	-0.08	0.36	
DY			0.1057 fts	87	1.1	-1.04		
DZ			0.0786 fts	84	1.2	-0.71		
DX	NYON	EBDR AZ-21	0.0690 fts	89	0.9	-0.56	0.21	
DY			0.1149 fts	87	1.0	0.50		
DZ			0.0976 fts	88	1.0	0.50		
DX	NYON	EBDR AZ-2	0.0432 fts	92	0.8	-0.12	0.65	
DY			0.0535 fts	89	0.9	0.79		
DZ			0.0604 fts	90	0.9	-0.22		
DX	NYON	EBDR AZ-17	0.0587 fts	84	1.4	-2.72	4.33	⚠
DY			0.0607 fts	82	1.2	-1.08		
DZ			0.0534 fts	78	1.4	-3.35		⚠
DX	NYON	EBDR AZ-1	0.0286 fts	84	1.3	-0.11	1.10	
DY			0.0362 fts	78	1.4	0.09		
DZ			0.0395 fts	79	1.4	-1.38		
DX	NYKT	ROND AZ-8	0.0505 fts	88	1.2	-0.06	0.12	
DY			0.0657 fts	84	1.2	-0.29		
DZ			0.0641 fts	81	1.3	-0.60		
DX	NYKT	ROND AZ-7	0.0447 fts	85	1.5	-1.38	2.42	⚠
DY			0.0583 fts	76	1.5	-2.04		⚠
DZ			0.0597 fts	79	1.4	-2.21		⚠
DX	NYKT	ROND AZ-6	0.0525 fts	87	1.0	-1.03	0.51	
DY			0.0842 fts	91	1.0	-0.14		
DZ			0.0714 fts	86	1.1	0.50		
DX	NYKT	ROND AZ-5	0.0525 fts	86	1.1	-0.15	0.18	
DY			0.0861 fts	92	1.0	0.49		
DZ			0.0705 fts	85	1.1	0.54		

DX	NYKT	ROND AZ-4	0.0750 fts	90	0.9	0.43	0.36
DY			0.0938 fts	89	0.9	-0.62	
DZ			0.1179 fts	92	0.8	-0.28	
DX	NYKT	ROND AZ-2	0.0476 fts	81	1.3	0.94	0.48
DY			0.0644 fts	79	1.3	0.35	
DZ			0.0754 fts	85	1.2	0.59	
DX	NYKT	ROND AZ-1	0.0479 fts	81	1.3	1.38	0.95
DY			0.0673 fts	82	1.3	0.55	
DZ			0.0749 fts	85	1.2	0.79	
DX	NYKT	NEV AZ-3	0.0686 fts	89	0.9	0.34	1.02
DY			0.1103 fts	92	0.9	-1.23	
DZ			0.1017 fts	91	0.9	-1.23	
DX	NYKT	EBDR AZ-28	0.0540 fts	92	0.8	1.30	1.29
DY			0.0815 fts	91	0.9	-0.88	
DZ			0.0921 fts	92	0.9	-0.36	
DX	NYKT	EBDR AZ-27	0.0559 fts	92	0.8	-0.03	0.20
DY			0.0827 fts	90	0.9	-0.66	
DZ			0.0989 fts	92	0.8	-0.22	
DX	NYKT	EBDR AZ-25 OLD	0.0918 fts	96	0.5	-0.19	0.08
DY			0.1468 fts	95	0.6	0.29	
DZ			0.1874 fts	97	0.5	0.26	
DX	NYKT	EBDR AZ-24	0.0533 fts	92	0.8	0.62	1.53
DY			0.0924 fts	92	0.8	-1.20	
DZ			0.0738 fts	91	0.8	-2.12	
DX	NYKT	ASH AZ-8	0.0412 fts	87	1.1	-0.19	0.37
DY			0.1005 fts	88	1.0	-0.17	
DZ			0.0776 fts	87	1.1	-0.74	
DX	NYKT	ASH AZ-7	0.0501 fts	90	0.9	0.54	0.64
DY			0.1231 fts	90	0.9	-0.03	
DZ			0.0935 fts	91	0.9	-1.03	
DX	NYKT	ASH AZ-5 OLD	0.0452 fts	87	1.1	1.04	0.49
DY			0.0762 fts	87	1.1	0.11	
DZ			0.0618 fts	85	1.1	-0.46	
DX	NYKT	ASH AZ-4	0.0943 fts	90	1.0	-0.16	0.29
DY			0.1337 fts	88	1.0	0.56	
DZ			0.1859 fts	95	0.8	0.64	
DX	NYKT	ASH AZ-30 OLD	0.0634 fts	92	0.8	1.50	1.02
DY			0.1691 fts	94	0.7	0.82	
DZ			0.1081 fts	92	0.8	0.42	
DX	NYKT	ASH AZ-3	0.0564 fts	77	1.5	-1.32	0.92
DY			0.0738 fts	77	1.5	-0.67	
DZ			0.0739 fts	74	1.6	0.98	
DX	NYKT	ASH AZ-29 OLD	0.0849 fts	96	0.5	0.03	0.16
DY			0.2002 fts	96	0.5	-0.67	
DZ			0.1451 fts	96	0.5	-0.28	
DX	NYKT	ASH AZ-28	0.0314 fts	86	1.1	0.94	1.77
DY			0.0491 fts	86	1.1	2.25	
DZ			0.0589 fts	87	1.1	1.59	
DX	NYKT	ASH AZ-27	0.0403 fts	91	0.8	1.82	2.30 
DY			0.0641 fts	91	0.8	1.16	
DZ			0.0737 fts	92	0.8	2.25	



DX	NYKT	ASH AZ-26 OLD	0.0392 fts	91	0.9	-0.44	0.44
DY			0.0597 fts	90	0.9	0.50	
DZ			0.0753 fts	92	0.8	-0.42	
DX	NYKT	ASH AZ-25 OLD	0.0380 fts	91	0.9	0.52	1.80
DY			0.0579 fts	90	0.9	2.15	
DZ			0.0739 fts	92	0.8	0.59	
DX	NYKT	ASH AZ-24	0.0935 fts	90	0.9	0.43	0.59
DY			0.1613 fts	91	0.9	1.31	
DZ			0.1617 fts	90	0.9	0.78	
DX	NYKT	ASH AZ-23	0.0906 fts	90	0.9	-0.02	0.28
DY			0.1476 fts	89	0.9	0.77	
DZ			0.1545 fts	90	0.9	0.47	
DX	NYKT	ASH AZ-22 OLD	0.0421 fts	88	1.0	0.52	0.35
DY			0.0779 fts	89	0.9	0.69	
DZ			0.0677 fts	87	1.0	-0.33	
DX	NYKT	ASH AZ-21 OLD	0.0730 fts	95	0.6	0.83	0.50
DY			0.1351 fts	95	0.6	0.12	
DZ			0.1177 fts	95	0.6	-0.86	
DX	NYKT	ASH AZ-20	0.0384 fts	88	1.0	1.60	1.52
DY			0.0893 fts	87	1.0	1.44	
DZ			0.0731 fts	88	1.0	-0.42	
DX	NYKT	ASH AZ-2	0.0875 fts	82	1.3	-0.22	0.02
DY			0.1184 fts	80	1.3	0.00	
DZ			0.1200 fts	87	1.2	0.18	
DX	NYKT	ASH AZ-19	0.0403 fts	89	1.0	0.19	0.49
DY			0.0929 fts	89	0.9	1.14	
DZ			0.0736 fts	88	1.0	0.20	
DX	NYKT	ASH AZ-18	0.0488 fts	82	1.4	-1.57	1.73
DY			0.0713 fts	80	1.4	-0.75	
DZ			0.0679 fts	79	1.4	1.38	
DX	NYKT	ASH AZ-17	0.0678 fts	89	1.0	-0.97	0.36
DY			0.0925 fts	88	1.0	-0.96	
DZ			0.0970 fts	89	1.0	-0.46	
DX	NYKT	ASH AZ-16	0.0589 fts	89	0.9	0.83	0.81
DY			0.0847 fts	88	1.0	-0.06	
DZ			0.0734 fts	88	1.0	-1.15	
DX	NYKT	ASH AZ-15	0.0674 fts	91	0.9	0.71	0.35
DY			0.0957 fts	89	0.9	-0.21	
DZ			0.0806 fts	89	0.9	-0.73	
DX	NYKT	ASH AZ-14	0.0747 fts	87	1.0	-0.49	0.19
DY			0.1034 fts	87	1.0	0.22	
DZ			0.1189 fts	87	1.0	0.53	
DX	NYKT	ASH AZ-13	0.0568 fts	85	1.2	0.65	0.29
DY			0.0673 fts	80	1.3	-0.07	
DZ			0.0929 fts	85	1.2	0.20	
DX	NYKT	ASH AZ-12 OLD	0.0706 fts	90	0.9	0.74	0.39
DY			0.1300 fts	90	0.9	-0.47	
DZ			0.1029 fts	92	0.8	-0.78	
DX	NYKT	ASH AZ-11	0.0766 fts	91	0.9	1.32	2.17 









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DY			0.1220 fts	94	0.7	-1.72		
DZ			0.1160 fts	94	0.6	-1.98		
DX	NYKT	ASH AZ-10	0.1054 fts	57	2.5	-0.44		0.17
DY			0.1426 fts	49	2.8	-0.63		
DZ			0.1453 fts	50	2.8	-0.56		
DX	NYKT	ASH AZ-1	0.0578 fts	50	2.7	-0.05		0.13
DY			0.0770 fts	51	2.7	-0.15		
DZ			0.0742 fts	56	2.6	0.29		
DX	NYHS	ASH AZ-26 OLD	0.0472 fts	92	0.7	-0.77		0.42
DY			0.0725 fts	88	0.8	-1.07		
DZ			0.0951 fts	91	0.7	-0.84		
DX	NYHS	ASH AZ-25 OLD	0.0436 fts	91	0.8	0.03		0.04
DY			0.0669 fts	87	0.9	0.25		
DZ			0.0856 fts	90	0.8	-0.03		
DX	NYHS	ASH AZ-23	0.0902 fts	90	0.9	-0.48		0.42
DY			0.1487 fts	89	0.9	0.59		
DZ			0.1533 fts	89	0.9	0.16		
DX	NYHS	ASH AZ-22 OLD	0.0465 fts	90	0.9	-0.92		0.69
DY			0.0864 fts	89	0.9	-1.41		
DZ			0.0762 fts	84	1.1	-0.56		
DX	NYHS	ASH AZ-21 OLD	0.0717 fts	94	0.6	0.00		0.50
DY			0.1341 fts	95	0.6	-0.93		
DZ			0.1152 fts	92	0.7	-1.11		
DX	NYHS	ASH AZ-20	0.0401 fts	88	1.0	0.82		1.02
DY			0.0934 fts	85	1.0	-0.70		
DZ			0.0753 fts	84	1.1	-1.74		
DX	NYHS	ASH AZ-19	0.0411 fts	89	0.9	-0.53		0.63
DY			0.0953 fts	87	1.0	-0.79		
DZ			0.0757 fts	85	1.0	-0.97		
DX	NYHS	ASH AZ-16	0.0617 fts	89	0.9	0.12		3.37 
DY			0.0888 fts	87	1.0	-2.76		
DZ			0.0780 fts	85	1.0	-2.90		
DX	NYHS	ASH AZ-15	0.0709 fts	91	0.8	0.11		2.61 
DY			0.1002 fts	89	0.9	-2.64		
DZ			0.0866 fts	87	1.0	-2.22		
DX	NYHS	ASH AZ-14	0.0803 fts	89	1.0	-0.86		0.42
DY			0.1168 fts	89	0.9	-0.64		
DZ			0.1266 fts	87	1.0	0.23		
DX	NYHS	ASH AZ-13	0.0685 fts	89	0.9	-0.04		2.14 
DY			0.0890 fts	87	1.0	-2.05		
DZ			0.1101 fts	88	1.0	-0.53		
DX	NYHC	WBDR AZ-9	0.0830 fts	95	0.6	-0.87		0.44
DY			0.1307 fts	96	0.6	-0.56		
DZ			0.1133 fts	94	0.6	0.36		
DX	NYHC	WBDR AZ-8	0.0480 fts	88	1.1	-0.77		1.17
DY			0.0602 fts	84	1.1	-1.11		
DZ			0.0652 fts	85	1.1	0.80		
DX	NYHC	WBDR AZ-7	0.0527 fts	89	1.0	-0.41		0.16

DY			0.0648 fts	86	1.1	-0.56		
DZ			0.0699 fts	86	1.1	0.12		
DX	NYHC	WBDR AZ-6	0.0782 fts	90	0.9	-0.03	0.03	
DY			0.0972 fts	90	0.9	0.25		
DZ			0.0853 fts	89	0.9	0.10		
DX	NYHC	WBDR AZ-5	0.0990 fts	92	0.8	-0.94	0.37	
DY			0.1067 fts	91	0.9	-0.82		
DZ			0.0923 fts	90	0.9	-0.42		
DX	NYHC	WBDR AZ-4	0.0353 fts	84	1.2	0.43	0.69	
DY			0.0552 fts	83	1.2	-0.97		
DZ			0.0579 fts	85	1.1	-0.20		
DX	NYHC	WBDR AZ-3	0.0537 fts	91	0.8	-0.08	0.33	
DY			0.0848 fts	91	0.8	-0.72		
DZ			0.0896 fts	92	0.8	-0.03		
DX	NYHC	WBDR AZ-22	0.0397 fts	87	1.0	0.13	0.32	
DY			0.0626 fts	87	1.0	-0.92		
DZ			0.0640 fts	88	1.0	-0.78		
DX	NYHC	WBDR AZ-21	0.0379 fts	87	1.0	-0.91	0.47	
DY			0.0598 fts	88	1.0	-0.90		
DZ			0.0606 fts	88	1.0	-0.56		
DX	NYHC	WBDR AZ-20	0.0503 fts	89	1.0	-1.58	0.93	
DY			0.0780 fts	91	1.0	-1.43		
DZ			0.0686 fts	87	1.0	-0.73		
DX	NYHC	WBDR AZ-2	0.0443 fts	87	1.0	0.33	0.70	
DY			0.0610 fts	86	1.1	-1.22		
DZ			0.0570 fts	86	1.1	-0.47		
DX	NYHC	WBDR AZ-19 OLD	0.0497 fts	89	1.0	-0.69	0.24	
DY			0.0767 fts	91	1.0	-0.76		
DZ			0.0677 fts	86	1.0	-0.60		
DX	NYHC	WBDR AZ-16 OLD	0.0414 fts	90	0.9	2.45	2.11	 
DY			0.0496 fts	85	1.1	1.38		
DZ			0.0664 fts	89	0.9	0.73		
DX	NYHC	WBDR AZ-15	0.0362 fts	89	1.0	0.50	0.99	
DY			0.0435 fts	81	1.2	-0.55		
DZ			0.0590 fts	88	1.0	0.60		
DX	NYHC	WBDR AZ-14	0.0409 fts	87	1.1	0.46	0.29	
DY			0.0539 fts	85	1.1	0.63		
DZ			0.0497 fts	83	1.2	-0.16		
DX	NYHC	WBDR AZ-13	0.0522 fts	91	0.8	-0.31	0.38	
DY			0.0690 fts	91	0.8	-0.82		
DZ			0.0626 fts	89	0.9	-1.04		
DX	NYHC	WBDR AZ-12	0.0450 fts	80	1.4	0.18	0.17	
DY			0.0836 fts	78	1.4	0.67		
DZ			0.0735 fts	79	1.4	0.51		
DX	NYHC	WBDR AZ-11	0.1010 fts	94	0.7	-0.58	0.15	
DY			0.1900 fts	93	0.7	-0.23		
DZ			0.1677 fts	93	0.7	-0.18		
DX	NYHC	WBDR AZ-10	0.0996 fts	91	0.8	0.08	0.07	
DY			0.1559 fts	93	0.8	0.32		
DZ			0.1383 fts	92	0.8	0.47		
DX	NYHC	WBDR AZ-1	0.0520 fts	89	0.9	0.68	0.93	
DY			0.0716 fts	88	1.0	-0.64		



DZ			0.0688 fts	89	1.0	0.27	
DX	NYHC	EBDR AZ-3	0.0619 fts	80	1.4	-0.48	1.54
DY			0.0747 fts	76	1.5	1.05	
DZ			0.0929 fts	84	1.3	-0.39	
DX	NYHC	EBDR AZ-2	0.0533 fts	95	0.7	0.56	1.75
DY			0.0661 fts	90	0.8	1.77	
DZ			0.0746 fts	92	0.7	-0.16	
DX	NYHC	EBDR AZ-1	0.0358 fts	92	1.0	1.00	3.50 
DY			0.0454 fts	82	1.1	1.38	
DZ			0.0495 fts	83	1.1	-1.76	
DX	NYCS	WBDR AZ-28	0.0404 fts	82	1.3	-0.77	1.03
DY			0.0703 fts	80	1.3	0.80	
DZ			0.0568 fts	76	1.5	-0.24	
DX	NYCS	WBDR AZ-27	0.0489 fts	81	1.3	-0.82	1.47
DY			0.0843 fts	79	1.4	-0.95	
DZ			0.0706 fts	79	1.4	-1.64	
DX	NYCS	WBDR AZ-26	0.0383 fts	74	1.6	-0.32	0.67
DY			0.0540 fts	67	1.8	-1.07	
DZ			0.0546 fts	74	1.7	-0.06	
DX	NYCS	WBDR AZ-25	0.0625 fts	92	0.8	-0.82	0.51
DY			0.0833 fts	87	1.0	-0.72	
DZ			0.0854 fts	92	0.9	-0.53	
DX	NYCS	WBDR AZ-24	0.0322 fts	82	1.3	-1.25	1.29
DY			0.0505 fts	80	1.3	-1.28	
DZ			0.0502 fts	79	1.3	-1.45	
DX	NYCS	WBDR AZ-23	0.0287 fts	78	1.4	1.40	1.83
DY			0.0455 fts	76	1.4	-1.54	
DZ			0.0460 fts	76	1.5	-1.58	
DX	NYCS	WBDR AZ-15	0.0324 fts	86	1.2	-2.98	 3.39 
DY			0.0405 fts	65	1.6	-0.77	
DZ			0.0530 fts	82	1.2	0.91	
DX	NYCS	EBDR AZ-22	0.0563 fts	86	1.1	-0.29	1.64
DY			0.1121 fts	88	1.0	-2.18	
DZ			0.0838 fts	84	1.1	-1.77	
DX	NYCS	EBDR AZ-21	0.0702 fts	89	0.9	-0.87	0.51
DY			0.1168 fts	87	1.0	-0.96	
DZ			0.0992 fts	87	1.0	-0.54	
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0744 fts	43	3.1	-0.15	0.19
DY			0.1055 fts	38	3.1	-0.66	
DZ			0.0943 fts	45	3.0	-0.49	
DX	ASH AZ-29 NEW	ASH AZ-30 NEW	0.0744 fts	56	2.5	0.15	0.19
DY			0.1055 fts	61	2.5	0.66	
DZ			0.0943 fts	54	2.6	0.49	
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0979 fts	82	1.3	0.05	0.12
DY			0.1361 fts	84	1.2	-0.30	
DZ			0.1411 fts	83	1.3	0.13	
DX	ASH AZ-12 NEW	ASH AZ 11 NEW	0.0834 fts	72	1.7	0.01	0.32
DY			0.1191 fts	76	1.5	-0.63	
DZ			0.1221 fts	73	1.6	-0.95	
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.1219 fts	74	1.7	-1.12	0.56

DY			0.1891 fts	73	1.8	0.44	
DZ			0.1100 fts	64	2.0	0.86	
DX	ASH AZ-5 NEW	ASH AZ 6 NEW	0.1219 fts	25	4.7	1.12	0.56
DY			0.1891 fts	26	4.5	-0.44	
DZ			0.1100 fts	35	4.0	-0.86	
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0855 fts	92	0.9	-0.08	0.22
DY			0.1204 fts	90	1.0	0.69	
DZ			0.1032 fts	87	1.0	0.47	
DX	EBDR AZ-16 NEW	EBDR AZ-14 NEW	0.0661 fts	84	1.2	-0.74	0.45
DY			0.1167 fts	88	1.0	0.70	
DZ			0.1080 fts	92	1.0	1.03	
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0305 fts	67	2.0	0.20	0.02
DY			0.0367 fts	67	1.9	0.18	
DZ			0.0460 fts	66	1.9	0.18	
DX	ASH AZ-25 NEW	ASH AZ-26 NEW	0.0417 fts	85	1.1	-0.13	0.04
DY			0.0478 fts	84	1.2	0.15	
DZ			0.0636 fts	88	1.1	-0.02	
DX	SHANDAKEN	ASH AZ 11 NEW	0.0626 fts	77	1.6	-0.30	0.09
DY			0.0795 fts	77	1.6	0.19	
DZ			0.0731 fts	72	1.7	0.27	
DX	SHANDAKEN	ASH AZ 11 NEW	0.0531 fts	50	2.7	1.19	0.90
DY			0.0689 fts	51	2.8	1.46	
DZ			0.0654 fts	42	3.1	1.30	
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0578 fts	70	1.7	-0.54	0.58
DY			0.0774 fts	78	1.6	-0.26	
DZ			0.0711 fts	79	1.6	-0.81	
DX	ASH AZ-21 OLD	U279 RESET 1973	0.0703 fts	86	1.3	-0.06	0.39
DY			0.0858 fts	76	1.4	0.24	
DZ			0.0771 fts	77	1.4	0.91	
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0400 fts	57	2.3	-0.23	0.39
DY			0.0533 fts	68	2.2	-0.05	
DZ			0.0468 fts	67	2.1	-0.62	
DX	ASH AZ-21 OLD	NYSDOT 8-U-047	0.0511 fts	85	1.3	-1.34	0.64
DY			0.0620 fts	73	1.5	-0.95	
DZ			0.0532 fts	72	1.6	-0.68	
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0453 fts	62	2.1	-0.21	0.27
DY			0.0829 fts	71	1.9	0.63	
DZ			0.0694 fts	56	2.4	0.75	
DX	EBDR AZ-25 OLD	EBDR AZ-25 NEW	0.0612 fts	85	1.2	2.44	⚠ 2.15 ⚠
DY			0.1084 fts	87	1.2	1.02	
DZ			0.0960 fts	86	1.2	1.12	
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0720 fts	92	0.9	0.70	0.27

DY			0.1018 fts	90	1.0	-0.16	
DZ			0.0898 fts	88	1.0	-0.36	
DX	EBDR AZ-14 OLD	EBDR AZ-16 NEW	0.0723 fts	90	0.9	0.96	1.30
DY			0.1259 fts	92	0.8	-1.62	
DZ			0.1178 fts	95	0.7	-1.72	
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0536 fts	64	2.1	-1.11	0.54
DY			0.0709 fts	67	2.1	-1.08	
DZ			0.0610 fts	62	2.1	-0.66	
DX	WBDR AZ-19 OLD	D309 RESET 1995	0.0544 fts	66	2.0	-1.32	0.83
DY			0.0715 fts	65	2.0	-0.45	
DZ			0.0625 fts	65	2.0	-0.22	
DX	ASH AZ-10	ASH AZ-9	0.0842 fts	42	3.5	0.14	0.28
DY			0.1062 fts	26	4.1	-0.35	
DZ			0.0896 fts	45	3.9	0.07	
DX	ASH AZ-10	ASH AZ-9	0.0862 fts	63	2.0	0.11	0.29
DY			0.1089 fts	75	1.8	0.62	
DZ			0.0921 fts	59	2.0	0.09	
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0319 fts	78	1.5	1.80	1.11
DY			0.0386 fts	77	1.5	0.75	
DZ			0.0484 fts	75	1.5	0.07	
DX	ASH AZ-25 OLD	ASH AZ-26 NEW	0.0374 fts	84	1.2	1.65	0.94
DY			0.0430 fts	83	1.3	1.00	
DZ			0.0573 fts	86	1.2	0.19	
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0257 fts	65	2.1	2.33	 1.83
DY			0.0312 fts	64	2.1	1.38	
DZ			0.0367 fts	56	2.3	0.04	
DX	ASH AZ-25 OLD	ASH AZ-25 NEW	0.0458 fts	91	0.8	1.29	0.55
DY			0.0524 fts	90	0.9	0.65	
DZ			0.0698 fts	94	0.8	0.13	
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0303 fts	75	1.7	-1.51	0.78
DY			0.0366 fts	74	1.6	-0.88	
DZ			0.0461 fts	72	1.7	0.07	
DX	ASH AZ-26 OLD	ASH AZ-26 NEW	0.0348 fts	81	1.3	-1.87	1.22
DY			0.0400 fts	80	1.4	-1.07	
DZ			0.0533 fts	84	1.3	-0.53	
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0260 fts	66	2.0	-2.20	 1.66
DY			0.0314 fts	66	2.0	-0.93	
DZ			0.0371 fts	60	2.2	0.25	
DX	ASH AZ-26 OLD	ASH AZ-25 NEW	0.0426 fts	90	0.9	-1.31	0.62
DY			0.0488 fts	88	1.0	-0.92	
DZ			0.0649 fts	93	0.9	-0.40	
DX	ASH AZ-22 OLD	U279 RESET 1973	0.0598 fts	75	1.6	0.44	0.33
DY			0.0771 fts	78	1.6	-0.32	

DZ			0.0696 fts	77	1.7	-0.51		
DX	ASH AZ-22 OLD	U279 RESET 1973	0.0680 fts	85	1.3	0.77		0.53
DY			0.0830 fts	74	1.4	0.82		
DZ			0.0747 fts	75	1.5	1.15		
DX	ASH AZ-22 OLD	NYSDOT 8-U- 047	0.0431 fts	68	2.0	1.57		0.90
DY			0.0564 fts	69	2.1	0.78		
DZ			0.0502 fts	71	2.0	0.49		
DX	ASH AZ-22 OLD	NYSDOT 8-U- 047	0.0608 fts	89	1.1	-0.77		0.33
DY			0.0787 fts	83	1.1	-0.22		
DZ			0.0658 fts	81	1.2	0.49		
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0648 fts	60	2.4	1.49		1.96 
DY			0.0693 fts	57	2.5	0.24		
DZ			0.0897 fts	55	2.5	-1.55		
DX	WBDR AZ-16 OLD	WBDR AZ-16 NEW	0.0805 fts	77	1.4	2.14		2.06 
DY			0.0899 fts	80	1.3	-0.01		
DZ			0.1156 fts	82	1.3	-0.78		
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0742 fts	76	1.7	-2.78		3.99 
DY			0.0783 fts	73	1.7	-0.30		
DZ			0.1015 fts	72	1.7	1.52		
DX	WBDR AZ-15	WBDR AZ-16 NEW	0.0905 fts	82	1.2	-1.08		1.00
DY			0.1027 fts	85	1.1	0.04		
DZ			0.1302 fts	85	1.1	1.17		
DX	EBDR AZ-26	EBDR AZ-25 NEW	0.0400 fts	55	2.5	-1.38		0.82
DY			0.0695 fts	55	2.5	-1.27		
DZ			0.0629 fts	51	2.7	-0.76		
DX	EBDR AZ-26	EBDR AZ-25 NEW	0.0455 fts	75	1.7	-0.04		0.35
DY			0.0763 fts	71	1.8	0.10		
DZ			0.0735 fts	77	1.6	-0.76		
DX	ASH AZ-27	ASH AZ-28	0.0189 fts	65	2.1	-1.09		1.05
DY			0.0297 fts	63	2.2	-0.63		
DZ			0.0353 fts	68	2.0	0.72		
DX	ASH AZ-27	ASH AZ-28	0.0270 fts	83	1.3	2.69		4.61 
DY			0.0471 fts	87	1.0	-0.19		
DZ			0.0441 fts	77	1.6	-2.79		
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0644 fts	31	4.1	-0.32		0.19
DY			0.1206 fts	31	4.4	-0.45		
DZ			0.0708 fts	31	4.4	0.11		
DX	ASH AZ-5 OLD	ASH AZ-5 NEW	0.0644 fts	68	1.9	0.32		0.19
DY			0.1206 fts	68	1.8	0.45		
DZ			0.0708 fts	68	1.8	-0.11		
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0795 fts	79	1.6	-0.23		0.77
DY			0.1061 fts	74	1.7	-0.96		
DZ			0.1340 fts	85	1.4	-1.50		
DX	ASH AZ-11 OLD	ASH AZ-12 NEW	0.0767 fts	70	1.7	-0.81		0.44

DY			0.1201 fts	73	1.5	-0.80		
DZ			0.1481 fts	83	1.2	0.10		
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0886 fts	94	0.7	0.43	0.49	
DY			0.1232 fts	93	0.8	0.89		
DZ			0.1043 fts	91	0.8	1.17		
DX	EBDR AZ-13 OLD	EBDR AZ-16 NEW	0.0785 fts	92	0.8	0.79	1.03	
DY			0.1311 fts	93	0.7	-1.35		
DZ			0.1271 fts	96	0.7	-1.61		
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0357 fts	70	2.2	0.42	0.07	
DY			0.0550 fts	52	2.9	0.29		
DZ			0.0468 fts	41	3.0	0.01		
DX	EBDR AZ-15	EBDR AZ-16 NEW	0.0341 fts	52	2.7	-2.11	2.52	⚠
DY			0.0675 fts	76	1.6	1.62		
DZ			0.0549 fts	81	1.9	1.87		
DX	ASH AZ-1	ASH AZ-2	0.0397 fts	48	3.1	-0.78	0.49	
DY			0.0556 fts	30	3.2	-0.92		
DZ			0.0530 fts	59	2.9	-0.11		
DX	ASH AZ-1	ASH AZ-2	0.0403 fts	56	2.5	0.89	0.59	
DY			0.0569 fts	76	2.7	0.94		
DZ			0.0535 fts	44	2.8	0.03		
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0405 fts	88	1.1	-0.81	4.36	⚠
DY			0.0493 fts	79	1.4	2.71		⚠
DZ			0.0654 fts	84	1.3	2.31		⚠
DX	SOUTH KORTRIGHT	WBDR AZ-29	0.0273 fts	64	2.2	1.00	1.73	
DY			0.0408 fts	67	2.0	-1.03		
DZ			0.0519 fts	70	1.9	-1.30		
DX	WBDR AZ-20	D309 RESET 1995	0.0666 fts	81	1.4	1.82	1.49	
DY			0.0875 fts	78	1.4	1.49		
DZ			0.0772 fts	79	1.4	0.98		
DX	WBDR AZ-20	D309 RESET 1995	0.0683 fts	82	1.4	1.21	0.71	
DY			0.0890 fts	75	1.4	0.39		
DZ			0.0825 fts	83	1.3	0.13		
DX	NYON	WBDR AZ-30	0.0346 fts	80	1.4	-4.24	6.21	⚠
DY			0.0615 fts	86	1.1	-1.39		
DZ			0.0581 fts	75	1.5	0.54		
DX	NYON	WBDR AZ-30	0.0328 fts	79	1.5	1.29	0.74	
DY			0.0508 fts	76	1.5	0.85		
DZ			0.0631 fts	83	1.3	1.16		
DX	NYON	WBDR AZ-29	0.0620 fts	94	0.7	0.62	0.21	
DY			0.1252 fts	97	0.5	0.60		
DZ			0.1006 fts	92	0.8	0.34		
DX	NYON	WBDR AZ-29	0.0387 fts	85	1.2	2.37	1.90	⚠
DY			0.0593 fts	84	1.2	1.12		
DZ			0.0751 fts	88	1.1	0.67		
DX	NYON	WBDR AZ-23	0.0663 fts	96	0.5	2.04	1.77	⚠
DY			0.1010 fts	95	0.6	0.31		

DZ			0.1338 fts	97	0.5	1.17		
DX	NYON	WBDR AZ-23	0.0278 fts	77	1.5	1.97		2.26 
DY			0.0440 fts	77	1.5	-0.10		
DZ			0.0446 fts	77	1.5	0.69		
DX	NYCS	WBDR AZ-29	0.0491 fts	92	0.9	0.27		0.60
DY			0.0604 fts	79	1.3	-0.58		
DZ			0.0788 fts	88	1.0	0.39		
DX	NYCS	WBDR AZ-29	0.0658 fts	94	0.7	-0.12		0.18
DY			0.1322 fts	96	0.5	-0.32		
DZ			0.1076 fts	92	0.8	-0.70		
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0639 fts	90	1.0	-0.49		0.17
DY			0.0927 fts	87	1.2	0.30		
DZ			0.0824 fts	78	1.4	0.30		
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0735 fts	92	0.8	-1.34		1.09
DY			0.1194 fts	91	0.8	1.02		
DZ			0.1210 fts	93	0.8	0.93		
DX	EBDR AZ-13 NEW	EBDR AZ-14 NEW	0.0387 fts	56	2.5	1.13		0.71
DY			0.0678 fts	61	2.1	-0.79		
DZ			0.0670 fts	74	2.0	-0.66		
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0616 fts	92	0.8	0.60		0.26
DY			0.0885 fts	94	0.7	-0.44		
DZ			0.0817 fts	93	0.7	-0.52		
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0802 fts	95	0.6	1.37		1.51
DY			0.1305 fts	96	0.5	-0.82		
DZ			0.1347 fts	98	0.5	-1.86		
DX	EBDR AZ-14 OLD	EBDR AZ-15	0.0830 fts	95	0.6	-0.82		0.48
DY			0.1799 fts	98	0.4	0.17		
DZ			0.1569 fts	98	0.5	0.98		
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0463 fts	84	1.3	0.91		0.31
DY			0.0668 fts	82	1.4	0.10		
DZ			0.0606 fts	76	1.5	0.11		
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0529 fts	88	1.0	0.18		0.51
DY			0.0844 fts	88	1.0	-1.20		
DZ			0.0865 fts	92	0.9	-0.94		
DX	EBDR AZ-14 OLD	EBDR AZ-14 NEW	0.0635 fts	92	0.8	-0.90		0.97
DY			0.1175 fts	94	0.7	0.65		
DZ			0.1177 fts	96	0.7	1.61		
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0734 fts	92	0.9	0.89		0.33
DY			0.1056 fts	90	1.0	-0.03		
DZ			0.0941 fts	84	1.1	-0.35		
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0847 fts	93	0.7	1.30		1.59
DY			0.1336 fts	93	0.7	-1.47		
DZ			0.1340 fts	94	0.7	-1.23		
DX	EBDR AZ-14 OLD	EBDR AZ-13 NEW	0.0572 fts	84	1.2	-1.73		1.48
DY			0.1105 fts	89	1.0	0.93		
DZ			0.1055 fts	92	1.0	1.73		

DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0247 fts	70	1.9	-0.45	1.01
DY			0.0321 fts	60	2.3	-1.03	
DZ			0.0287 fts	57	2.3	0.46	
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0322 fts	84	1.2	-0.39	1.07
DY			0.0469 fts	87	1.1	0.65	
DZ			0.0435 fts	87	1.0	-0.67	
DX	EBDR AZ-13 OLD	EBDR AZ-14 OLD	0.0335 fts	85	1.1	1.21	1.16
DY			0.0728 fts	94	0.7	0.33	
DZ			0.0608 fts	95	0.8	-1.17	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0405 fts	78	1.5	0.59	0.26
DY			0.0589 fts	75	1.6	0.42	
DZ			0.0540 fts	70	1.7	-0.28	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0541 fts	89	1.0	-0.16	0.61
DY			0.0856 fts	89	0.9	-1.04	
DZ			0.0878 fts	93	0.9	-1.29	
DX	EBDR AZ-13 OLD	EBDR AZ-14 NEW	0.0601 fts	91	0.9	-0.80	0.40
DY			0.1110 fts	93	0.7	0.75	
DZ			0.1111 fts	96	0.7	0.76	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0787 fts	93	0.8	1.15	0.58
DY			0.1131 fts	91	0.9	0.14	
DZ			0.0995 fts	86	1.0	-0.61	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0935 fts	95	0.6	1.15	1.32
DY			0.1455 fts	94	0.7	-1.29	
DZ			0.1452 fts	95	0.6	-1.43	
DX	EBDR AZ-13 OLD	EBDR AZ-13 NEW	0.0529 fts	82	1.3	-1.18	0.78
DY			0.0999 fts	86	1.1	0.83	
DZ			0.0963 fts	90	1.1	0.59	

Redundancy:**W-Test:****T-Test (2-dimensional):****T-Test (3-dimensional):****Estimated Errors (Coordinates)****Estimated Errors For Coordinates With Rejected W-Tests (max 10)**

Station		W-Test	Fact	Est err
SHANDAKEN	Latitude	6.23	3.2	0.0901 fts
MARGARETVILLE	Height	5.04	2.6	0.0686 fts
ANDES	Height	-4.15	2.1	-0.0775 fts
MARGARETVILLE	Longitude	3.37	1.7	0.0155 fts

ANDES	Latitude	2.73	1.4	0.0227 fts
SOUTH KORTRIGHT	Height	-2.33	1.2	-0.0815 fts
DELHI	Longitude	2.14	1.1	0.0277 fts

Estimated Errors For Stations With Rejected T-Tests (max 10)

Station		T-Test	Fact	Est err
ANDES	Latitude	9.79	2.3	0.0237 fts
	Longitude			-0.0133 fts
	Height			-0.0790 fts
MARGARETVILLE	Latitude	12.29	2.6	-0.0009 fts
	Longitude			0.0155 fts
	Height			0.0688 fts
NYCS	Latitude	6.11	1.6	-0.0144 fts
	Longitude			-0.0120 fts
NYHS	Latitude	9.55	2.0	-0.0367 fts
	Longitude			-0.0070 fts
NYKT	Latitude	2.42	1.1	-0.0045 fts
	Longitude			0.0103 fts
	Height			-0.0062 fts
SHANDAKEN	Latitude	13.23	2.6	0.0906 fts
	Longitude			-0.0027 fts
	Height			-0.0364 fts
SOUTH KORTRIGHT	Latitude	3.76	1.4	0.0091 fts
	Longitude			0.0307 fts
	Height			-0.0819 fts

Estimated Errors (Observations)**Estimated Errors For Observations With Rejected W-Tests (max 10)**

	Station	Target	W-Test	Fact	Est err
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	5.28	2.7	0.0371 fts
DX	NYON	WBDR AZ-30	-4.24	2.2	-0.0524 fts
DX	FLEISCHMANN'S 2	EBDR AZ-11	4.14	2.1	0.0501 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	4.14	2.1	0.0236 fts
DZ	SHANDAKEN	ASH AZ-11 OLD	4.11	2.1	0.0725 fts
DY	FLEISCHMANN'S 2	ASH AZ-8	-3.90	2.0	-0.1101 fts
DZ			-3.70	1.9	-0.0814 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	-3.84	2.0	-0.0568 fts
DX	MARGARETVILLE	EBDR AZ-11	-3.75	1.9	-0.0390 fts
DX	ANDES	WBDR AZ-30	-3.72	1.9	-0.0608 fts

Estimated Errors For Observations With Rejected Antenna Hgt W-Tests (max 10)

Station	Target	W-Test	Fact	MDB [fts]	Est ant err [fts]
WBDR AZ-26	WBDR AZ-25	2.76	1.4	0.0979	0.0965
FLEISCHMANN'S 2	EBDR AZ-18	2.80	1.4	0.0718	0.0718
EBDR AZ-18	EBDR AZ-17	2.56	1.3	0.0622	0.0568

SOUTH KORTRIGHT	WBDR AZ-28	2.43	1.2	0.0780	0.0677
SOUTH KORTRIGHT	WBDR AZ-25	-2.76	1.4	0.0943	-0.0930
SOUTH KORTRIGHT	WBDR AZ-23	-2.33	1.2	0.0833	-0.0692
ANDES	EBDR AZ-17	-2.78	1.4	0.0965	-0.0959
NYON	WBDR AZ-26	2.67	1.4	0.1043	0.0996
NYON	EBDR AZ-5	-2.44	1.2	0.1026	-0.0893
NYHC	EBDR AZ-1	-3.22	1.6	0.0799	-0.0920

Estimated Errors For Observations With Rejected T-Tests (max 10)

	Station	Target	T-Test	Fact	Est err
DX	ASH AZ-25 OLD	ASH AZ-26 OLD	9.72	2.3	0.0358 fts
DY					0.0054 fts
DZ					-0.0145 fts
DX	SHANDAKEN	ASH AZ-11 OLD	8.24	2.1	-0.0401 fts
DY					0.0450 fts
DZ					0.0371 fts
DX	ASH AZ-26 OLD	ASH AZ-25 OLD	7.66	2.0	0.0242 fts
DY					0.0150 fts
DZ					-0.0303 fts
DX	FLEISCHMANN'S 2	EBDR AZ-11	6.96	1.9	0.0501 fts
DY					0.0118 fts
DZ					-0.0376 fts
DX	ANDES	WBDR AZ-30	6.89	1.9	-0.0687 fts
DY					0.0407 fts
DZ					-0.0822 fts
DX	FLEISCHMANN'S 2	ASH AZ-8	6.50	1.9	0.0183 fts
DY					-0.0849 fts
DZ					-0.0246 fts
DX	NYON	WBDR AZ-30	6.21	1.8	-0.0533 fts
DY					0.0015 fts
DZ					0.0158 fts
DX	WBDR AZ-19 OLD	WBDR AZ-20	5.77	1.7	-0.0758 fts
DY					0.0385 fts
DZ					-0.0361 fts
DX	MARGARETVILLE	EBDR AZ-11	5.63	1.7	-0.0381 fts
DY					-0.0120 fts
DZ					0.0299 fts
DX	FLEISCHMANN'S 2	EBDR AZ-9	4.77	1.6	-0.0309 fts
DY					0.0131 fts
DZ					0.0029 fts

**GPS NETWORK ADJUSTMENT REPORT AZIMUTH PAIR
(LOOP CLOSURES)**

- when it has to be **right**

Loops and Misclosures

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Created: 11/05/2013 05:36:14

Project Information

Project name: Azimuth Pairs GPS Control
 Date created: 09/17/2013 09:04:14
 Time zone: -5h 00'
 Coordinate system name: NJNYEast (GRS80) Geoid09
 Application software: LEICA Geo Office 7.0
 Processing kernel: MOVE3 4.0.1

Critical value W-test is: 1.96
 Dimension: 3D

GPS Baseline Loops

Loop 1

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	U279 RESET 1973	-303.4666	-835.1921	-812.1862	
ASH AZ-21 OLD	U279 RESET 1973	-303.4520	-835.2554	-812.1130	
		-303.4593	-835.2238	-812.1496	Average
U279 RESET 1973	NYSDOT 8-U- 047	309.5311	840.1896	816.5859	
NYSDOT 8-U- 047	ASH AZ-21 OLD	-6.0639	-4.9947	-4.3998	
NYSDOT 8-U- 047	ASH AZ-21 OLD	-6.0481	-4.9793	-4.4127	
		-6.0560	-4.9870	-4.4062	Average
X:	0.0159 fts	W-Test:	0.61		
Y:	-0.0211 fts		-0.42		
Z:	0.0301 fts		0.81		
Easting:	0.0095 fts	W-Test:	0.34		
Northing:	0.0058 fts		0.14		
Height:	0.0384 fts		0.87		
Closing error:	0.0400 fts	(16.5 ppm)	Ratio:(1:60569)		
Length:	2424.6891 fts				

Loop 2

From	To	dX[fts]	dY[fts]	dZ[fts]
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ASH AZ 11 NEW	ASH AZ-12 NEW	969.2568	-37.5781	-341.1637	
ASH AZ 11 NEW	ASH AZ-12 NEW	969.2564	-37.6106	-341.1034	
		969.2566	-37.5943	-341.1336	Average
ASH AZ-12 NEW	SHANDAKEN	-2875.0320	-107.2332	776.0932	
SHANDAKEN	ASH AZ 11 NEW	1905.7463	144.8437	-434.9484	
SHANDAKEN	ASH AZ 11 NEW	1905.7636	144.8436	-434.9443	
		1905.7549	144.8437	-434.9464	Average
X:	-0.0205 fts	W-Test:	-0.78		
Y:	0.0162 fts		0.34		
Z:	0.0133 fts		0.30		
Easting:	-0.0154 fts	W-Test:	-0.54		
Northing:	0.0240 fts		0.53		
Height:	-0.0068 fts		-0.15		
Closing error:	0.0293 fts	(4.9 ppm)	Ratio:(1:203474)		
Length:	5968.2116 fts				

Loop 3

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ 11 NEW	ASH AZ-11 OLD	-625.5282	-96.1564	85.8025	
ASH AZ-11 OLD	SHANDAKEN	-1280.2015	-48.6974	349.1992	
SHANDAKEN	ASH AZ 11 NEW	1905.7463	144.8437	-434.9484	
SHANDAKEN	ASH AZ 11 NEW	1905.7636	144.8436	-434.9443	
		1905.7549	144.8437	-434.9464	Average
X:	0.0252 fts	W-Test:	1.07		
Y:	-0.0101 fts		-0.23		
Z:	0.0553 fts		1.20		
Easting:	0.0216 fts	W-Test:	0.85		
Northing:	0.0299 fts		0.68		
Height:	0.0494 fts		1.13		
Closing error:	0.0616 fts	(15.7 ppm)	Ratio:(1:63720)		
Length:	3926.6486 fts				

Loop 4

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-22 OLD	ASH AZ-21 OLD	275.1526	588.5524	566.6078	
ASH AZ-22 OLD	ASH AZ-21 OLD	275.1242	588.5674	566.5810	
		275.1384	588.5599	566.5944	Average
ASH AZ-21 OLD	ASH AZ-28	-7145.4629	-18518.5809	-18234.9156	
ASH AZ-28	ASH AZ-22 OLD	6870.3284	17929.9911	17668.3576	
X:	0.0039 fts	W-Test:	0.16		
Y:	-0.0299 fts		-0.65		
Z:	0.0364 fts		0.89		
Easting:	-0.0044 fts	W-Test:	-0.17		
Northing:	0.0071 fts		0.17		
Height:	0.0466 fts		1.08		
Closing error:	0.0473 fts	(0.9 ppm)	Ratio: (1:1139538)		

Length: 53909.0909 fts

Loop 5

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-29 NEW	ASH AZ-30 OLD	2325.7343	1351.9199	662.1780	
ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0831	468.8595	555.7937	
ASH AZ-30 OLD	ASH AZ-29 OLD	-167.0695	468.8247	555.8019	
		-167.0763	468.8421	555.7978	Average
ASH AZ-29 OLD	ASH AZ-29 NEW	-2158.6329	-1820.8078	-1217.9487	
X:	0.0252 fts	W-Test:	0.91		
Y:	-0.0458 fts		-0.64		
Z:	0.0270 fts		0.52		
Easting:	0.0118 fts	W-Test:	0.36		
Northing:	-0.0140 fts		-0.23		
Height:	0.0559 fts		0.90		
Closing error:	0.0589 fts	(8.9 ppm)	Ratio:(1:111973)		
Length:	6591.9556 fts				

Loop 6

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-22 OLD	ASH AZ-21 OLD	275.1526	588.5524	566.6078	
ASH AZ-22 OLD	ASH AZ-21 OLD	275.1242	588.5674	566.5810	
		275.1384	588.5599	566.5944	Average
ASH AZ-21 OLD	ASH AZ-29 OLD	-7417.2968	-27772.8751	-28081.6274	
ASH AZ-29 OLD	ASH AZ-22 OLD	7142.1714	27184.3416	27515.0255	
X:	0.0130 fts	W-Test:	0.51		
Y:	0.0263 fts		0.45		
Z:	-0.0075 fts		-0.19		
Easting:	0.0196 fts	W-Test:	0.67		
Northing:	0.0090 fts		0.19		
Height:	-0.0213 fts		-0.43		
Closing error:	0.0303 fts	(0.4 ppm)	Ratio: (1:2652065)		
Length:	80381.0849 fts				


Loop 7

From	To	dX[fts]	dY[fts]	dZ[fts]	
FLEISCHMANN'S 2	ASH AZ-4	30281.1158	-5134.7915	-14865.9433	
ASH AZ-4	ASH AZ-3	-516.5790	-13.9328	143.6715	
ASH AZ-3	FLEISCHMANN'S 2	-29764.5354	5148.7270	14722.2783	
X:	0.0014 fts	W-Test:	0.05		
Y:	0.0026 fts		0.06		
Z:	0.0066 fts		0.20		
Easting:	0.0021 fts	W-Test:	0.07		
Northing:	0.0063 fts		0.17		
Height:	0.0028 fts		0.08		

Closing error: 0.0072 fts (0.1 ppm) Ratio:
(1:9429072)
Length: 68261.6393 fts

Loop 8

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-12 OLD	ASH AZ-6 OLD	-30580.3523	-4304.1104	5257.1035
ASH AZ-6 OLD	ASH AZ-5 OLD	-379.9835	186.2575	321.3833
ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823	4117.7948	-5578.4573

X: 0.0465 fts W-Test: 2.84 
Y: -0.0580 fts
Z: 0.0295 fts 0.85

Easting: 0.0293 fts W-Test: 1.40
Northing: -0.0240 fts -0.57
Height: 0.0705 fts 1.62

Closing error: 0.0800 fts (1.3 ppm) Ratio:(1:794655)
Length: 63584.7026 fts

Loop 9

From	To	dX[fts]	dY[fts]	dZ[fts]
FLEISCHMANN'S 2	ASH AZ-17	64814.8737	-252.4356	-20539.1790
ASH AZ-17	ASH AZ-5 OLD	-45533.4724	-218.9202	14320.9542
ASH AZ-5 OLD	FLEISCHMANN'S 2	-19281.4397	471.3563	6218.2089

X: -0.0385 fts W-Test: -0.93
Y: 0.0005 fts 0.01
Z: -0.0160 fts -0.26

Easting: -0.0370 fts W-Test: -0.81
Northing: -0.0046 fts -0.07
Height: -0.0187 fts -0.26

Closing error: 0.0417 fts (0.3 ppm) Ratio:
(1:3262508)
Length: 135989.5887 fts

Loop 10


From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-12 OLD	ASH AZ-11 OLD	-671.6086	-114.4527	84.4974
ASH AZ-11 OLD	ASH AZ-5 OLD	-30288.7708	-4003.2835	5493.9494
ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823	4117.7948	-5578.4573

X: 0.0029 fts W-Test: 0.15
Y: 0.0586 fts 1.07
Z: -0.0104 fts -0.26

Easting: 0.0186 fts W-Test: 0.78
Northing: 0.0296 fts 0.64
Height: -0.0482 fts -1.01

Closing error: 0.0596 fts (0.9 ppm) Ratio:
(1:1065005)
Length: 63456.0167 fts

Loop 11

From	To	dX[fts]	dY[fts]	dZ[fts]
BOICEVILLE	EBDR AZ-14 OLD	-102003.4364	8539.4912	40512.8437
EBDR AZ-14 OLD	ASH AZ-1	52520.2139	-13035.1832	-29089.4784
ASH AZ-1	BOICEVILLE	49483.2613	4495.5930	-11423.2816
X:	0.0388 fts	W-Test:	0.94	
Y:	-0.0990 fts		-1.53	
Z:	0.0837 fts		1.34	
Easting:	0.0108 fts	W-Test:	0.25	
Northing:	-0.0087 fts		-0.14	
Height:	0.1346 fts		2.14	

Closing error: 0.1354 fts (0.6 ppm) Ratio:
(1:1643870)
Length: 222506.0722 fts

Loop 12

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-13	ASH AZ-14	-723.1497	-399.9929	-244.9148
ASH AZ-14	ASH AZ-10	-40708.0829	-5643.5678	6298.3494
ASH AZ-10	ASH AZ-13	41431.2549	6043.5205	-6053.4252
X:	0.0223 fts	W-Test:	0.53	
Y:	-0.0402 fts		-0.49	
Z:	0.0094 fts		0.11	
Easting:	0.0106 fts	W-Test:	0.23	
Northing:	-0.0231 fts		-0.28	
Height:	0.0395 fts		0.48	

Closing error: 0.0469 fts (0.6 ppm) Ratio:
(1:1806085)
Length: 84744.2189 fts

Loop 13

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2568	37.5781	341.1637	
ASH AZ-12 NEW	ASH AZ 11 NEW	-969.2564	37.6106	341.1034	
		-969.2566	37.5943	341.1336	Average
ASH AZ 11 NEW	ASH AZ-11 OLD	-625.5282	-96.1564	85.8025	
ASH AZ-11 OLD	ASH AZ-12 NEW	1594.8135	58.5408	-426.9309	
ASH AZ-11 OLD	ASH AZ-12 NEW	1594.7968	58.5016	-426.8390	
		1594.8052	58.5212	-426.8850	Average
X:	0.0204 fts	W-Test:	0.70		
Y:	-0.0409 fts		-0.75		
Z:	0.0511 fts		0.86		

Easting:	0.0086 fts	W-Test:	0.27
Northing:	0.0078 fts		0.14
Height:	0.0675 fts		1.20
Closing error:	0.0685 fts	(20.6 ppm)	Ratio:(1:48431)
Length:	3318.8755 fts		

Loop 14

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-15	27271.5246	2084.3466	-6000.4757
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878
ASH AZ-16	ASH AZ-7	-27800.0401	-2322.0777	5878.3176
X:	-0.0044 fts	W-Test:	-0.22	
Y:	-0.0130 fts		-0.22	
Z:	0.0298 fts		0.65	
Easting:	-0.0077 fts	W-Test:	-0.31	
Northing:	0.0145 fts		0.28	
Height:	0.0284 fts		0.54	
Closing error:	0.0328 fts	(0.6 ppm)	Ratio:	
Length:	57103.2461 fts		(1:1742253)	

Loop 15

From	To	dX[fts]	dY[fts]	dZ[fts]
FLEISCHMANN'S 2	ASH AZ-6 OLD	19661.4136	-657.6005	-6539.5940
ASH AZ-6 OLD	ASH AZ-18	44867.5972	-59.9626	-14400.1446
ASH AZ-18	FLEISCHMANN'S 2	-64529.0675	717.5855	20939.7979
X:	-0.0566 fts	W-Test:	-1.53	
Y:	0.0223 fts		0.29	
Z:	0.0593 fts		1.09	
Easting:	-0.0486 fts	W-Test:	-1.18	
Northing:	0.0686 fts		1.07	
Height:	0.0125 fts		0.19	
Closing error:	0.0850 fts	(0.6 ppm)	Ratio:	
Length:	135698.0892 fts		(1:1597160)	

Loop 16

From	To	dX[fts]	dY[fts]	dZ[fts]
FLEISCHMANN'S 2	ASH AZ-17	64814.8737	-252.4356	-20539.1790
ASH AZ-17	ASH AZ-18	-285.8063	-465.1768	-400.6132
ASH AZ-18	FLEISCHMANN'S 2	-64529.0675	717.5855	20939.7979
X:	-0.0002 fts	W-Test:	0.00	
Y:	-0.0269 fts		-0.37	
Z:	0.0057 fts		0.11	

Easting:	-0.0074 fts	W-Test:	-0.16
Northing:	-0.0131 fts		-0.22
Height:	0.0230 fts		0.37
Closing error:	0.0275 fts	(0.2 ppm)	Ratio: (1:4955619)
Length:	136514.3518 fts		

Loop 17

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-19	ASH AZ-8	-27187.2204	5701.5977	14652.0221
ASH AZ-8	ASH AZ-7	-546.7967	328.9669	543.2905
ASH AZ-7	ASH AZ-19	27734.0207	-6030.5600	-15195.3072
X:	0.0037 fts	W-Test:	0.31	
Y:	0.0046 fts		0.13	
Z:	0.0055 fts		0.19	
Easting:	0.0048 fts	W-Test:	0.32	
Northing:	0.0064 fts		0.20	
Height:	0.0012 fts		0.04	
Closing error:	0.0081 fts	(0.1 ppm)	Ratio: (1:8002956)	
Length:	64437.8475 fts			

Loop 18

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-19	ASH AZ-20	-24.2373	-377.2762	-398.6979
ASH AZ-20	ASH AZ-7	-27709.7776	6407.8157	15594.0199
ASH AZ-7	ASH AZ-19	27734.0207	-6030.5600	-15195.3072
X:	0.0059 fts	W-Test:	0.46	
Y:	-0.0205 fts		-0.52	
Z:	0.0148 fts		0.46	
Easting:	0.0001 fts	W-Test:	0.01	
Northing:	-0.0033 fts		-0.10	
Height:	0.0257 fts		0.72	
Closing error:	0.0260 fts	(0.4 ppm)	Ratio: (1:2510186)	
Length:	65178.7996 fts			


Loop 19

From	To	dX[fts]	dY[fts]	dZ[fts]
NYKT	ASH AZ-10	-113944.8326	21484.3271	59112.4682
ASH AZ-10	ASH AZ-9	246.0272	-387.2502	-526.7841
ASH AZ-10	ASH AZ-9	245.9935	-387.1805	-526.8155
		246.0104	-387.2154	-526.7998
ASH AZ-9	ASH AZ-22 OLD	54238.6068	-4394.5381	-21429.8620
ASH AZ-22 OLD	NYKT	59460.2275	-16702.5586	-37155.7917
X:	0.0122 fts	W-Test:	0.16	
Y:	0.0151 fts		0.11	
Z:	0.0147 fts		0.18	

Average

Easting:	0.0158 fts	W-Test:	0.19
Northing:	0.0185 fts		0.17
Height:	0.0015 fts		0.01
Closing error:	0.0244 fts	(0.1 ppm)	Ratio: (1:10729223)
Length:	261410.2279 fts		


Loop 20


From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0831	-468.8595	-555.7937	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0695	-468.8247	-555.8019	
		167.0763	-468.8421	-555.7978	Average
ASH AZ-30 OLD	ASH AZ-22 OLD	6975.1002	27653.0886	28070.8727	
ASH AZ-22 OLD	ASH AZ-29 OLD	-7142.1714	-27184.3416	-27515.0255	
X:	0.0050 fts	W-Test:	0.23		
Y:	-0.0950 fts		-1.63		
Z:	0.0494 fts		1.32		
Easting:	-0.0210 fts	W-Test:	-0.80		
Northing:	-0.0254 fts		-0.54		
Height:	0.1021 fts		2.09		
Closing error:	0.1072 fts	(1.3 ppm)	Ratio:(1:746945)		
Length:	80095.4519 fts				

Loop 21



From	To	dX[fts]	dY[fts]	dZ[fts]	
BOICEVILLE	ASH AZ-23	17226.4856	20148.0391	17041.7787	
ASH AZ-23	ASH AZ-24	-955.6092	-76.4356	225.7253	
ASH AZ-24	BOICEVILLE	-16270.8841	-20071.6072	-17267.4965	
X:	-0.0078 fts	W-Test:	-0.43		
Y:	-0.0036 fts		-0.09		
Z:	0.0075 fts		0.21		
Easting:	-0.0084 fts	W-Test:	-0.42		
Northing:	0.0046 fts		0.13		
Height:	0.0060 fts		0.17		
Closing error:	0.0114 fts	(0.2 ppm)	Ratio: (1:5600658)		
Length:	63575.6055 fts				

Loop 22

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-26 OLD	ASH AZ-28	4073.8753	-5581.7934	-7256.3134	
ASH AZ-28	ASH AZ-25 OLD	-3803.4682	5320.1049	6892.8798	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
X:	0.0222 fts	W-Test:	2.46		
Y:	0.0020 fts		0.13		

Z:	-0.0113 fts		-0.62	
Easting:	0.0219 fts	W-Test:	2.29	
Northing:	-0.0111 fts		-0.67	
Height:	-0.0045 fts		-0.28	
Closing error:	0.0250 fts	(1.2 ppm)	Ratio:(1:803266)	
Length:	20045.1254 fts			

Loop 23

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
ASH AZ-26 OLD	ASH AZ-27	4386.1325	-6068.5532	-7897.1625	
ASH AZ-27	ASH AZ-25 OLD	-4115.7243	5806.8648	7533.7304	
X:	0.0232 fts	W-Test:	2.22		
Y:	0.0022 fts		0.13		
Z:	-0.0097 fts		-0.46		
Easting:	0.0229 fts	W-Test:	2.07		
Northing:	-0.0100 fts		-0.52		
Height:	-0.0034 fts		-0.18		
Closing error:	0.0252 fts	(1.2 ppm)	Ratio:(1:862737)		
Length:	21769.8836 fts				


Loop 24

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-28	ASH AZ-25 OLD	-3803.4682	5320.1049	6892.8798	
ASH AZ-25 OLD	ASH AZ-27	4115.7243	-5806.8648	-7533.7304	
ASH AZ-27	ASH AZ-28	-312.2579	486.7494	640.8562	
ASH AZ-27	ASH AZ-28	-312.2342	486.7548	640.8131	
		-312.2461	486.7521	640.8347	Average
X:	0.0101 fts	W-Test:	1.08		
Y:	-0.0078 fts		-0.49		
Z:	-0.0160 fts		-0.85		
Easting:	0.0076 fts	W-Test:	0.76		
Northing:	-0.0187 fts		-1.08		
Height:	-0.0030 fts		-0.18		
Closing error:	0.0204 fts	(1.0 ppm)	Ratio:(1:1013889)		
Length:	20729.0226 fts				

Loop 25

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526	-588.5524	-566.6078	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1242	-588.5674	-566.5810	
		-275.1384	-588.5599	-566.5944	Average
ASH AZ-22 OLD	ASH AZ-27	-6558.0777	-18416.7240	-18309.2384	
ASH AZ-27	ASH AZ-21 OLD	6833.1948	19005.3371	18875.7915	

X: -0.0212 fts W-Test: -1.16
 Y: 0.0532 fts 1.48
 Z: -0.0413 fts -1.38

Easting: -0.0060 fts W-Test: -0.30
 Northing: 0.0075 fts 0.23
 Height: -0.0700 fts -2.14 

Closing error: 0.0706 fts (1.3 ppm) Ratio:(1:782851)
 Length: 55290.6083 fts

Loop 26

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-28	ASH AZ-21 OLD	7145.4629	18518.5809	18234.9156	
ASH AZ-21 OLD	ASH AZ-27	-6833.1948	-19005.3371	-18875.7915	
ASH AZ-27	ASH AZ-28	-312.2579	486.7494	640.8562	
ASH AZ-27	ASH AZ-28	-312.2342	486.7548	640.8131	
		-312.2461	486.7521	640.8347	Average

X: 0.0220 fts W-Test: 1.08
 Y: -0.0041 fts -0.10
 Z: -0.0413 fts -1.20

Easting: 0.0201 fts W-Test: 0.90
 Northing: -0.0373 fts -1.03
 Height: -0.0203 fts -0.55

Closing error: 0.0470 fts (0.8 ppm) Ratio:
 (1:1180849)
 Length: 55460.9967 fts

Loop 27

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-20	27709.7776	-6407.8157	-15594.0199
ASH AZ-20	ASH AZ-8	-27162.9811	6078.8706	15050.7174
ASH AZ-8	ASH AZ-7	-546.7967	328.9669	543.2905

X: -0.0002 fts W-Test: -0.02
 Y: 0.0217 fts 0.52
 Z: -0.0119 fts -0.34

Easting: 0.0056 fts W-Test: 0.32
 Northing: 0.0052 fts 0.14
 Height: -0.0236 fts -0.62

Closing error: 0.0248 fts (0.4 ppm) Ratio:
 (1:2618365)
 Length: 64917.0248 fts

Loop 28

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-15	EBDR AZ-2	-50129.4203	-19269.6650	-5645.6656
EBDR AZ-2	EBDR AZ-1	-291.4659	-309.0221	-310.2609
EBDR AZ-1	EBDR AZ-15	50420.8786	19578.7002	5955.9386

X: -0.0076 fts W-Test: -0.30

Y:	0.0131 fts		0.37
Z:	0.0121 fts		0.39
Easting:	-0.0039 fts	W-Test:	-0.15
Northing:	0.0188 fts		0.57
Height:	-0.0027 fts		-0.08
Closing error:	0.0194 fts	(0.2 ppm)	Ratio: (1:5625319)
Length:	108943.0983 fts		

Loop 29

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-26	EBDR AZ-25 OLD	545.9349	-3.6669	-161.6135	
EBDR AZ-26	EBDR AZ-25 OLD	545.8953	-3.6613	-161.6627	
		545.9151	-3.6641	-161.6381	Average
EBDR AZ-25 OLD	EBDR AZ-10	-23078.5574	-9049.0351	-3074.2104	
EBDR AZ-10	EBDR AZ-26	22532.6160	9052.6597	3235.8578	
X:	-0.0263 fts	W-Test:	-1.38		
Y:	-0.0394 fts		-1.10		
Z:	0.0093 fts		0.23		
Easting:	-0.0358 fts	W-Test:	-1.74		
Northing:	-0.0139 fts		-0.37		
Height:	0.0293 fts		0.78		
Closing error:	0.0483 fts	(1.0 ppm)	Ratio: (1:1036260)		
Length:	50046.2165 fts				

Loop 30

From	To	dX[fts]	dY[fts]	dZ[fts]	
FLEISCHMANN'S 2	EBDR AZ-11	-19710.1809	-7933.4825	-2895.2229	
EBDR AZ-11	EBDR AZ-12	-690.9871	-170.9574	44.8508	
EBDR AZ-12	FLEISCHMANN'S 2	20401.1718	8104.4474	2850.3555	
X:	0.0038 fts	W-Test:	0.19		
Y:	0.0075 fts		0.18		
Z:	-0.0166 fts		-0.58		
Easting:	0.0056 fts	W-Test:	0.26		
Northing:	-0.0081 fts		-0.24		
Height:	-0.0158 fts		-0.45		
Closing error:	0.0186 fts	(0.4 ppm)	Ratio: (1:2378827)		
Length:	44292.7686 fts				

Loop 31

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-14				

NEW	EBDR AZ-15	4173.6790	7083.9568	6375.4269	
EBDR AZ-15	EBDR AZ-13 OLD	-3704.2311	-8453.3946	-7938.4515	
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4451	1369.4530	1562.9929	
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4560	1369.4355	1562.9682	
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4650	1369.4678	1563.0033	
		-469.4554	1369.4521	1562.9881	Average
X:	-0.0075 fts	W-Test:	-0.28		
Y:	0.0142 fts		0.29		
Z:	-0.0365 fts		-0.83		
Easting:	-0.0034 fts	W-Test:	-0.12		
Northing:	-0.0165 fts		-0.36		
Height:	-0.0361 fts		-0.79		
Closing error:	0.0399 fts	(1.6 ppm)	Ratio:(1:619863)		
Length:	24708.4134 fts				

Loop 32

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-14 OLD	ASH AZ-1	52520.2139	-13035.1832	-29089.4784	
ASH AZ-1	EBDR AZ-13 OLD	-52677.3520	13550.7426	29693.4045	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1805	-515.6398	-603.8299	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1686	-515.5926	-603.8691	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1827	-515.5834	-603.8830	
		157.1772	-515.6053	-603.8607	Average
X:	0.0391 fts	W-Test:	0.87		
Y:	-0.0458 fts		-0.68		
Z:	0.0655 fts		1.02		
Easting:	0.0255 fts	W-Test:	0.54		
Northing:	0.0119 fts		0.18		
Height:	0.0844 fts		1.29		
Closing error:	0.0890 fts	(0.7 ppm)	Ratio: (1:1396020)		
Length:	124215.8391 fts				

Loop 33

From	To	dX[fts]	dY[fts]	dZ[fts]	
FLEISCHMANN'S 2	EBDR AZ-16 OLD	-15792.7783	3423.2590	8096.9743	
EBDR AZ-16 OLD	EBDR AZ-15	133.4851	-589.9180	-671.8096	
EBDR AZ-15	FLEISCHMANN'S 2	15659.2971	-2833.3424	-7425.1592	

X:	0.0040 fts	W-Test:	0.26
Y:	-0.0014 fts		-0.07
Z:	0.0054 fts		0.30
Easting:	0.0035 fts	W-Test:	0.22
Northing:	0.0024 fts		0.12
Height:	0.0055 fts		0.28
Closing error:	0.0069 fts	(0.2 ppm)	Ratio: (1:5294636)
Length:	36539.1661 fts		

Loop 34



From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5960	-7679.1367	-7054.3430	
EBDR AZ-16 NEW	EBDR AZ-14 NEW	-4036.5920	-7679.1709	-7054.3120	
		-4036.5940	-7679.1538	-7054.3275	Average
EBDR AZ-14 NEW	EBDR AZ-15	4173.6790	7083.9568	6375.4269	
EBDR AZ-15	EBDR AZ-16 NEW	-137.1004	595.2361	678.9237	
EBDR AZ-15	EBDR AZ-16 NEW	-137.1141	595.2551	678.9306	
		-137.1072	595.2456	678.9272	Average
X:	-0.0222 fts	W-Test:	-0.92		
Y:	0.0486 fts		1.06		
Z:	0.0265 fts		0.67		
Easting:	-0.0085 fts	W-Test:	-0.32		
Northing:	0.0551 fts		1.31		
Height:	-0.0213 fts		-0.50		
Closing error:	0.0597 fts	(2.7 ppm)	Ratio:(1:377053)		
Length:	22499.0515 fts				

Loop 35

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-14 NEW	EBDR AZ-13 NEW	-491.9701	-137.9686	-0.9670	
EBDR AZ-14 NEW	EBDR AZ-13 NEW	-491.9473	-138.0040	-0.9596	
EBDR AZ-14 NEW	EBDR AZ-13 NEW	-491.9950	-137.9338	-0.9758	
		-491.9708	-137.9688	-0.9675	Average
EBDR AZ-13 NEW	EBDR AZ-15	4665.6604	7221.9167	6376.3334	
EBDR AZ-15	EBDR AZ-14 NEW	-4173.6790	-7083.9568	-6375.4269	
X:	0.0106 fts	W-Test:	0.34		
Y:	-0.0089 fts		-0.16		
Z:	-0.0610 fts		-1.20		
Easting:	0.0079 fts	W-Test:	0.24		

Northing:	-0.0528 fts		-0.99
Height:	-0.0325 fts		-0.61
Closing error:	0.0625 fts	(2.9 ppm)	Ratio:(1:345647)
Length:	21619.4894 fts		

Loop 36

From	To	dX[fts]	dY[fts]	dZ[fts]
ANDES	EBDR AZ-17	51388.8559	20328.5318	6211.0498
EBDR AZ-17	EBDR AZ-18	552.4916	297.0136	176.5723
EBDR AZ-18	ANDES	-51941.3889	-20625.4820	-6387.7320
X:	-0.0414 fts	W-Test:	-1.21	
Y:	0.0634 fts		1.51	
Z:	-0.1098 fts		-2.65	
Easting:	-0.0232 fts	W-Test:	-0.66	
Northing:	-0.0329 fts		-0.79	
Height:	-0.1272 fts		-3.07	
Closing error:	0.1334 fts	(1.2 ppm)	Ratio:(1:843436)	
Length:	112513.6873 fts			

Loop 37

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-20	EBDR AZ-6	-26812.6063	-28300.4420	-22730.8533
EBDR AZ-6	EBDR AZ-19	27563.8237	28533.5011	22846.9545
EBDR AZ-19	EBDR AZ-20	-751.2026	-233.0684	-116.0884
X:	0.0147 fts	W-Test:	0.89	
Y:	-0.0092 fts		-0.22	
Z:	0.0128 fts		0.45	
Easting:	0.0118 fts	W-Test:	0.60	
Northing:	0.0009 fts		0.02	
Height:	0.0181 fts		0.51	
Closing error:	0.0216 fts	(0.2 ppm)	Ratio: (1:4246879)	
Length:	91703.9879 fts			

Loop 38

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-6	EBDR AZ-5	583.3859	-53.0973	-232.3152
EBDR AZ-5	EBDR AZ-20	26229.2142	28353.5565	22963.1660
EBDR AZ-20	EBDR AZ-6	-26812.6063	-28300.4420	-22730.8533
X:	-0.0063 fts	W-Test:	-0.41	
Y:	0.0172 fts		0.46	
Z:	-0.0026 fts		-0.10	
Easting:	-0.0015 fts	W-Test:	-0.08	
Northing:	0.0104 fts		0.34	
Height:	-0.0152 fts		-0.48	
Closing error:	0.0185 fts	(0.2 ppm)	Ratio:	

(1:4905018)

Length: 90693.5693 fts

Loop 39

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-7 OLD	EBDR AZ-8	286.7350	390.1823	354.6820	
EBDR AZ-7 OLD	EBDR AZ-8	286.7438	390.1907	354.6702	
		286.7394	390.1865	354.6761	Average
EBDR AZ-8	EBDR AZ-22	24853.1191	42583.9672	38119.7431	
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979	
X:	0.0361 fts	W-Test:	0.64		
Y:	-0.1578 fts		-1.28		
Z:	0.0214 fts		0.27		
Easting:	-0.0070 fts	W-Test:	-0.11		
Northing:	-0.0928 fts		-0.93		
Height:	0.1341 fts		1.30		
Closing error:	0.1632 fts	(1.3 ppm)	Ratio:(1:770965)		
Length:	125844.6914 fts				

Loop 40



From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-7 OLD	EBDR AZ-21	24969.7710	42491.7525	38008.9114	
EBDR AZ-21	EBDR AZ-22	170.0837	482.5427	465.5169	
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979	
X:	0.0323 fts	W-Test:	0.47		
Y:	-0.0163 fts		-0.12		
Z:	0.0305 fts		0.31		
Easting:	0.0268 fts	W-Test:	0.35		
Northing:	0.0063 fts		0.05		
Height:	0.0384 fts		0.32		
Closing error:	0.0473 fts	(0.4 ppm)	Ratio:		
Length:	125852.1382 fts		(1:2660644)		

Loop 41

From	To	dX[fts]	dY[fts]	dZ[fts]	
FLEISCHMANN'S 2	EBDR AZ-24	-6208.9715	-8612.9945	-7336.8247	
EBDR AZ-24	EBDR AZ-23	-737.0970	70.2536	266.5149	
EBDR AZ-23	FLEISCHMANN'S 2	6946.0712	8542.7313	7070.3147	
X:	0.0027 fts	W-Test:	0.27		
Y:	-0.0096 fts		-0.50		
Z:	0.0049 fts		0.31		
Easting:	0.0000 fts	W-Test:	0.00		
Northing:	-0.0031 fts		-0.18		
Height:	0.0107 fts		0.61		

Closing error: 0.0111 fts (0.4 ppm) Ratio:
(1:2413529)
Length: 26777.8442 fts

Loop 42

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-25 OLD	EBDR AZ-9	-22750.1999	-8708.5235	-2792.4544	
EBDR AZ-9	EBDR AZ-26	22204.2372	8712.1615	2954.1030	
EBDR AZ-26	EBDR AZ-25 OLD	545.9349	-3.6669	-161.6135	
EBDR AZ-26	EBDR AZ-25 OLD	545.8953	-3.6613	-161.6627	
		545.9151	-3.6641	-161.6381	Average
X:	-0.0476 fts	W-Test:	-2.42		
Y:	-0.0261 fts		-0.71		
Z:	0.0105 fts		0.26		
Easting:	-0.0528 fts	W-Test:	-2.48		
Northing:	-0.0006 fts		-0.02		
Height:	0.0163 fts		0.43		
Closing error:	0.0552 fts (1.1 ppm)				Ratio:(1:889164)
Length:	49123.3808 fts				

Loop 43

From	To	dX[fts]	dY[fts]	dZ[fts]	
ROND AZ-2	ROND AZ-4	-28192.0984	-15191.8081	-7747.5436	
ROND AZ-4	ROND AZ-1	27626.6539	15224.2526	7919.8185	
ROND AZ-1	ROND AZ-2	565.4456	-32.4408	-172.2783	
X:	0.0010 fts	W-Test:	0.06		
Y:	0.0037 fts		0.11		
Z:	-0.0034 fts		-0.10		
Easting:	0.0020 fts	W-Test:	0.10		
Northing:	-0.0003 fts		-0.01		
Height:	-0.0047 fts		-0.14		
Closing error:	0.0051 fts (0.1 ppm)				Ratio: (1:12955468)
Length:	66063.4054 fts				

Loop 44

From	To	dX[fts]	dY[fts]	dZ[fts]	
ROND AZ-1	ROND AZ-4	-27626.6539	-15224.2526	-7919.8185	
ROND AZ-4	ROND AZ-3	-700.6821	-250.1056	-38.6496	
ROND AZ-3	ROND AZ-1	28327.3496	15474.3344	7958.4768	
X:	0.0137 fts	W-Test:	0.77		
Y:	-0.0238 fts		-0.73		
Z:	0.0087 fts		0.25		
Easting:	0.0068 fts	W-Test:	0.35		
Northing:	-0.0113 fts		-0.34		

Height:	0.0256 fts		0.77
Closing error:	0.0288 fts	(0.4 ppm)	Ratio: (1:2308914)
Length:	66512.8145 fts		

Loop 45

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-2	28192.0984	15191.8081	7747.5436
ROND AZ-2	ROND AZ-3	-28892.7948	-15441.9007	-7786.1928
ROND AZ-3	ROND AZ-4	700.6821	250.1056	38.6496
X:	-0.0142 fts	W-Test:	-0.78	
Y:	0.0130 fts		0.40	
Z:	0.0004 fts		0.01	
Easting:	-0.0103 fts	W-Test:	-0.53	
Northing:	0.0112 fts		0.33	
Height:	-0.0119 fts		-0.36	
Closing error:	0.0193 fts	(0.3 ppm)	Ratio: (1:3496739)	
Length:	67366.5754 fts			

Loop 46

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-3	ROND AZ-5	7420.3785	-17557.8325	-22250.4717
ROND AZ-5	ROND AZ-6	30.3282	-481.2100	-511.9155
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
X:	-0.0100 fts	W-Test:	-0.48	
Y:	0.0207 fts		0.38	
Z:	-0.0162 fts		-0.40	
Easting:	-0.0042 fts	W-Test:	-0.17	
Northing:	0.0031 fts		0.07	
Height:	-0.0276 fts		-0.58	
Closing error:	0.0281 fts	(0.5 ppm)	Ratio: (1:2132795)	
Length:	59986.1967 fts			

Loop 47

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-3	NEV AZ-4	-632.4020	-300.1717	-146.2278
NEV AZ-4	ROND AZ-6	8083.1018	-17738.8536	-22616.1706
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
X:	-0.0168 fts	W-Test:	-0.81	
Y:	0.0380 fts		0.73	
Z:	-0.0272 fts		-0.70	
Easting:	-0.0061 fts	W-Test:	-0.25	
Northing:	0.0072 fts		0.16	
Height:	-0.0488 fts		-1.07	

Closing error: 0.0497 fts (0.8 ppm) Ratio:
(1:1219101)
Length: 60557.1467 fts

Loop 48

From	To	dX[fts]	dY[fts]	dZ[fts]
FLEISCHMANN'S 2	EBDR AZ-27	2754.2921	373.8504	-445.0833
EBDR AZ-27	EBDR AZ-28	517.2272	146.5174	14.6792
EBDR AZ-28	FLEISCHMANN'S 2	-3271.5207	-520.3601	430.3998

X: -0.0014 fts W-Test: -0.13
Y: 0.0077 fts 0.36
Z: -0.0044 fts -0.17

Easting: 0.0007 fts W-Test: 0.06
Northing: 0.0020 fts 0.08
Height: -0.0087 fts -0.37

Closing error: 0.0089 fts (1.3 ppm) Ratio:(1:748103)
Length: 6693.2263 fts

Loop 49

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-17	EBDR AZ-4	-48024.0014	-18480.4428	-5548.3371
EBDR AZ-4	EBDR AZ-3	-45.4773	-623.5469	-661.0844
EBDR AZ-3	EBDR AZ-17	48069.4606	19103.9654	6209.4273

X: -0.0181 fts W-Test: -0.51
Y: -0.0242 fts -0.62
Z: 0.0057 fts 0.14

Easting: -0.0238 fts W-Test: -0.66
Northing: -0.0082 fts -0.21
Height: 0.0176 fts 0.44

Closing error: 0.0308 fts (0.3 ppm) Ratio:
(1:3406440)
Length: 104763.1426 fts

Loop 50

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-8	EBDR AZ 7 NEW	-242.7098	-331.0757	-301.7950	
EBDR AZ 7 NEW	EBDR AZ-7 OLD	-43.9910	-59.1722	-52.8538	
EBDR AZ-7 OLD	EBDR AZ-8	286.7350	390.1823	354.6820	
EBDR AZ-7 OLD	EBDR AZ-8	286.7438	390.1907	354.6702	
		286.7394	390.1865	354.6761	Average

X: 0.0386 fts W-Test: 1.34
Y: -0.0613 fts -1.26
Z: 0.0273 fts 0.77

Easting: 0.0210 fts W-Test: 0.69
Northing: -0.0263 fts -0.64
Height: 0.0697 fts 1.64

Closing error: 0.0774 fts (64.5 ppm) Ratio:(1:15503)
 Length: 1200.4454 fts

Loop 51

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-10	EBDR AZ-25 OLD	23078.5574	9049.0351	3074.2104
EBDR AZ-25 OLD	EBDR AZ-9	-22750.1999	-8708.5235	-2792.4544
EBDR AZ-9	EBDR AZ-10	-328.3816	-340.4945	-281.7569

X: -0.0241 fts W-Test: -1.09
 Y: 0.0171 fts 0.44
 Z: -0.0009 fts -0.02

Easting: -0.0187 fts W-Test: -0.79
 Northing: 0.0147 fts 0.34
 Height: -0.0175 fts -0.41

Closing error: 0.0295 fts (0.6 ppm) Ratio:
 Length: 50049.2401 fts (1:1694754)

Loop 52

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-2	ROND AZ-8	19971.5510	-8487.6983	-16210.9451
ROND AZ-8	NEV AZ-1	-20591.2149	8758.2538	16704.3736
NEV AZ-1	NEV AZ-2	619.6542	-270.5403	-493.4223

X: -0.0097 fts W-Test: -0.24
 Y: 0.0152 fts 0.20
 Z: 0.0062 fts 0.16

Easting: -0.0054 fts W-Test: -0.12
 Northing: 0.0161 fts 0.28
 Height: -0.0087 fts -0.14

Closing error: 0.0191 fts (0.3 ppm) Ratio:
 Length: 55847.7545 fts (1:2929104)

Loop 53

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-8	ROND AZ-7	-358.8457	-557.5605	-480.8754
ROND AZ-7	NEV AZ-1	-20232.3710	9315.7883	17185.2467
NEV AZ-1	ROND AZ-8	20591.2149	-8758.2538	-16704.3736

X: -0.0017 fts W-Test: -0.05
 Y: -0.0260 fts -0.34
 Z: -0.0022 fts -0.06

Easting: -0.0086 fts W-Test: -0.22
 Northing: -0.0181 fts -0.32
 Height: 0.0169 fts 0.28

Closing error: 0.0262 fts (0.5 ppm) Ratio:
(1:2171796)
Length: 56875.9186 fts

Loop 54

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	ROND AZ-5	-30.3282	481.2100	511.9155
ROND AZ-5	NEV AZ-4	-8052.7685	17257.6368	22104.2564
NEV AZ-4	ROND AZ-6	8083.1018	-17738.8536	-22616.1706

X: 0.0051 fts W-Test: 0.29
Y: -0.0068 fts -0.16
Z: 0.0013 fts 0.04

Easting: 0.0031 fts W-Test: 0.15
Northing: -0.0043 fts -0.12
Height: 0.0068 fts 0.19

Closing error: 0.0086 fts (0.1 ppm) Ratio:
(1:6965763)
Length: 59737.6963 fts

Loop 55

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	NEV AZ-2	619.6542	-270.5403	-493.4223
NEV AZ-2	ROND AZ-7	19612.7039	-9045.2489	-16691.8036
ROND AZ-7	NEV AZ-1	-20232.3710	9315.7883	17185.2467



X: -0.0128 fts W-Test: -0.33
Y: -0.0009 fts -0.01
Z: 0.0209 fts 0.53

Easting: -0.0126 fts W-Test: -0.30
Northing: 0.0172 fts 0.32
Height: 0.0121 fts 0.21


Closing error: 0.0245 fts (0.4 ppm) Ratio:
(1:2292981)
Length: 56266.3864 fts

Loop 56

From	To	dX[fts]	dY[fts]	dZ[fts]	
SOUTH	WBDR AZ-30	19430.4147	20815.8065	16749.7441	
KORTRIGHT	WBDR AZ-30	358.0073	-279.2376	-445.4182	
WBDR AZ-30	SOUTH	-19788.3746	-20536.6366	-16304.3529	
WBDR AZ-29	KORTRIGHT	-19788.4203	-20536.5723	-16304.3237	
WBDR AZ-29	SOUTH	-19788.3974	-20536.6044	-16304.3383	Average
	KORTRIGHT				

X: 0.0246 fts W-Test: 2.48 
Y: -0.0356 fts -2.26 
Z: -0.0124 fts -0.65

Easting: 0.0143 fts W-Test: 1.37

Northing:	-0.0367 fts		-2.09	
Height:	0.0218 fts		1.26	
Closing error:	0.0450 fts	(0.7 ppm)	Ratio:	
Length:	66522.9039 fts		(1:1479216)	

Loop 57

From	To	dX[fts]	dY[fts]	dZ[fts]
WALTON	WBDR AZ-3	-414.2905	395.2869	544.9061
WBDR AZ-3	WBDR AZ-4	190.0251	387.8707	356.1398
WBDR AZ-4	WALTON	224.2643	-783.1559	-901.0464
X:	-0.0011 fts	W-Test:	-0.12	
Y:	0.0018 fts		0.10	
Z:	-0.0004 fts		-0.02	
Easting:	-0.0006 fts	W-Test:	-0.06	
Northing:	0.0010 fts		0.05	
Height:	-0.0018 fts		-0.09	
Closing error:	0.0021 fts	(0.8 ppm)	Ratio:	
Length:	2564.9679 fts		(1:1215718)	

Loop 58





From	To	dX[fts]	dY[fts]	dZ[fts]
WALTON	WBDR AZ-5	-7292.6619	4444.4564	7287.9764
WBDR AZ-5	WBDR AZ-6	-684.2432	400.0415	581.6136
WBDR AZ-6	WALTON	7976.9188	-4844.5153	-7869.5802
X:	0.0138 fts	W-Test:	0.77	
Y:	-0.0174 fts		-0.70	
Z:	0.0098 fts		0.51	
Easting:	0.0089 fts	W-Test:	0.48	
Northing:	-0.0064 fts		-0.30	
Height:	0.0217 fts		0.97	
Closing error:	0.0243 fts	(1.0 ppm)	Ratio:	
Length:	24418.1556 fts		(1:1005367)	

Loop 59

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-26	EBDR AZ-9	-22204.2372	-8712.1615	-2954.1030
EBDR AZ-9	FLEISCHMANN'S 2	25373.4254	8841.4678	2244.3451
FLEISCHMANN'S 2	EBDR AZ-26	-3169.1899	-129.2832	709.7446
X:	-0.0017 fts	W-Test:	-0.15	
Y:	0.0231 fts		1.08	
Z:	-0.0133 fts		-0.61	
Easting:	0.0045 fts	W-Test:	0.38	

Northing:	0.0054 fts		0.25
Height:	-0.0257 fts		-1.21
Closing error:	0.0267 fts	(0.5 ppm)	Ratio: (1:2032683)
Length:	54248.0489 fts		

Loop 60

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-8	-24853.1191	-42583.9672	-38119.7431
EBDR AZ-8	FLEISCHMANN'S 2	38247.6271	12367.1266	2144.3148
FLEISCHMANN'S 2	EBDR AZ-22	-13394.5664	30217.0130	35975.4040
X:	-0.0584 fts	W-Test:	-2.36	
Y:	0.1724 fts		2.90	
Z:	-0.0243 fts		-0.56	
Easting:	-0.0105 fts	W-Test:	-0.37	
Northing:	0.1040 fts		2.07	
Height:	-0.1509 fts		-2.92	
Closing error:	0.1836 fts	(1.2 ppm)	Ratio:(1:824799)	
Length:	151431.7307 fts			

Loop 61

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979
EBDR AZ-7 OLD	FLEISCHMANN'S 2	38534.3723	12757.3166	2498.9864
FLEISCHMANN'S 2	EBDR AZ-22	-13394.5664	30217.0130	35975.4040
X:	-0.0165 fts	W-Test:	-0.30	
Y:	0.0181 fts		0.16	
Z:	-0.0074 fts		-0.10	
Easting:	-0.0111 fts	W-Test:	-0.18	
Northing:	0.0091 fts		0.10	
Height:	-0.0212 fts		-0.22	
Closing error:	0.0256 fts	(0.2 ppm)	Ratio: (1:5957072)	
Length:	152443.2879 fts			

Loop 62

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-19	EBDR AZ-6	-27563.8237	-28533.5011	-22846.9545
EBDR AZ-6	FLEISCHMANN'S 2	36621.1859	17278.9639	7953.5898
FLEISCHMANN'S 2	EBDR AZ-19	-9057.3679	11254.5272	14893.3734
X:	-0.0057 fts	W-Test:	-0.40	
Y:	-0.0100 fts		-0.29	

Z:	0.0087 fts		0.35
Easting:	-0.0081 fts	W-Test:	-0.50
Northing:	0.0010 fts		0.03
Height:	0.0119 fts		0.39
Closing error:	0.0144 fts	(0.1 ppm)	Ratio: (1:7487419)
Length:	107796.5101 fts		

Loop 63

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-20	EBDR AZ-5	-26229.2142	-28353.5565	-22963.1660
EBDR AZ-5	FLEISCHMANN'S 2	36037.8006	17332.0539	8185.9102
FLEISCHMANN'S 2	EBDR AZ-20	-9808.5719	11021.4792	14777.2813
X:	0.0145 fts	W-Test:	0.97	
Y:	-0.0234 fts		-0.65	
Z:	0.0255 fts		1.02	
Easting:	0.0078 fts	W-Test:	0.45	
Northing:	0.0012 fts		0.04	
Height:	0.0367 fts		1.19	
Closing error:	0.0375 fts	(0.4 ppm)	Ratio: (1:2840895)	
Length:	106635.6140 fts			

Loop 64

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-18	EBDR AZ-17	-552.4916	-297.0136	-176.5723
EBDR AZ-17	EBDR AZ-4	-48024.0014	-18480.4428	-5548.3371
EBDR AZ-4	FLEISCHMANN'S 2	65100.0942	10024.8190	-8454.6191
FLEISCHMANN'S 2	EBDR AZ-18	-16523.5773	8752.5451	14179.6364
X:	0.0239 fts	W-Test:	0.71	
Y:	-0.0923 fts		-2.15	⚠
Z:	0.1079 fts		2.32	⚠
Easting:	-0.0014 fts	W-Test:	-0.04	
Northing:	0.0159 fts		0.36	
Height:	0.1431 fts		3.23	⚠
Closing error:	0.1440 fts	(1.0 ppm)	Ratio:(1:988404)	
Length:	142281.7682 fts			

Loop 65

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-10	EBDR AZ-25 OLD	23078.5574	9049.0351	3074.2104
EBDR AZ-25 OLD	FLEISCHMANN'S 2	2623.2524	132.9405	-548.1292

FLEISCHMANN'S 2	EBDR AZ-10	-25701.8072	-9181.9626	-2526.1021
X:	0.0026 fts	W-Test:	0.14	
Y:	0.0129 fts		0.38	
Z:	-0.0210 fts		-0.50	
Easting:	0.0060 fts	W-Test:	0.29	
Northing:	-0.0077 fts		-0.20	
Height:	-0.0228 fts		-0.62	
Closing error:	0.0247 fts	(0.4 ppm)	Ratio:	(1:2225184)
Length:	55071.6565 fts			

Loop 66

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-21	-170.0837	-482.5427	-465.5169
EBDR AZ-21	FLEISCHMANN'S 2	13564.6481	-29734.4660	-35509.9072
FLEISCHMANN'S 2	EBDR AZ-22	-13394.5664	30217.0130	35975.4040
X:	-0.0020 fts	W-Test:	-0.13	
Y:	0.0043 fts		0.12	
Z:	-0.0202 fts		-0.67	
Easting:	-0.0008 fts	W-Test:	-0.04	
Northing:	-0.0118 fts		-0.36	
Height:	-0.0170 fts		-0.51	
Closing error:	0.0207 fts	(0.2 ppm)	Ratio:	(1:4721969)
Length:	97806.3738 fts			

Loop 67

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-6	EBDR AZ-20	26812.6063	28300.4420	22730.8533
EBDR AZ-20	FLEISCHMANN'S 2	9808.5719	-11021.4792	-14777.2813
FLEISCHMANN'S 2	EBDR AZ-6	-36621.1859	-17278.9639	-7953.5898
X:	-0.0077 fts	W-Test:	-0.49	
Y:	-0.0011 fts		-0.03	
Z:	-0.0178 fts		-0.67	
Easting:	-0.0077 fts	W-Test:	-0.42	
Northing:	-0.0125 fts		-0.39	
Height:	-0.0126 fts		-0.38	
Closing error:	0.0194 fts	(0.2 ppm)	Ratio:	(1:5528780)
Length:	107276.2504 fts			

Loop 68

From	To	dX[fts]	dY[fts]	dZ[fts]
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EBDR AZ-1	EBDR AZ-2	291.4659	309.0221	310.2609
EBDR AZ-2	FLEISCHMANN'S 2	65788.6917	16436.3476	-1779.5027
FLEISCHMANN'S 2	EBDR AZ-1	-66080.1508	-16745.3822	1469.2367
X:	0.0068 fts	W-Test:	0.26	
Y:	-0.0125 fts		-0.35	
Z:	-0.0052 fts		-0.16	
Easting:	0.0033 fts	W-Test:	0.12	
Northing:	-0.0131 fts		-0.39	
Height:	0.0067 fts		0.20	
Closing error:	0.0151 fts	(0.1 ppm)	Ratio:	
Length:	136544.8791 fts		(1:9023805)	

Loop 69

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-15	50420.8786	19578.7002	5955.9386
EBDR AZ-15	FLEISCHMANN'S 2	15659.2971	-2833.3424	-7425.1592
FLEISCHMANN'S 2	EBDR AZ-1	-66080.1508	-16745.3822	1469.2367
X:	0.0249 fts	W-Test:	1.06	
Y:	-0.0244 fts		-0.74	
Z:	0.0160 fts		0.56	
Easting:	0.0175 fts	W-Test:	0.72	
Northing:	-0.0083 fts		-0.27	
Height:	0.0331 fts		1.07	
Closing error:	0.0384 fts	(0.3 ppm)	Ratio:	
Length:	140160.9455 fts		(1:3654100)	

Loop 70

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1805	-515.6398	-603.8299	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1686	-515.5926	-603.8691	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1827	-515.5834	-603.8830	
		157.1772	-515.6053	-603.8607	Average
EBDR AZ-14 OLD	FLEISCHMANN'S 2	19206.3499	6135.6889	1117.0721	
FLEISCHMANN'S 2	EBDR AZ-13 OLD	-19363.5279	-5620.0428	-513.2391	
X:	-0.0008 fts	W-Test:	-0.06		
Y:	0.0408 fts		1.87		
Z:	-0.0277 fts		-1.44		
Easting:	0.0101 fts	W-Test:	0.71		

Northing:	0.0060 fts		0.30	
Height:	-0.0479 fts		-2.35	
Closing error:	0.0493 fts	(1.2 ppm)	Ratio:(1:835107)	
Length:	41172.1163 fts			

Loop 71

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-15	EBDR AZ-13 OLD	-3704.2311	-8453.3946	-7938.4515
EBDR AZ-13 OLD	FLEISCHMANN'S 2	19363.5279	5620.0428	513.2391
FLEISCHMANN'S 2	EBDR AZ-15	-15659.2971	2833.3424	7425.1592
X:	-0.0003 fts	W-Test:	-0.02	
Y:	-0.0094 fts		-0.26	
Z:	-0.0532 fts		-1.69	
Easting:	-0.0028 fts	W-Test:	-0.12	
Northing:	-0.0455 fts		-1.37	
Height:	-0.0291 fts		-0.87	
Closing error:	0.0540 fts	(1.1 ppm)	Ratio:(1:923679)	
Length:	49903.4912 fts			

Loop 72

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-19	ASH AZ-8	-27187.2204	5701.5977	14652.0221
ASH AZ-8	FLEISCHMANN'S 2	-40740.4717	-2535.4819	10015.2602
FLEISCHMANN'S 2	ASH AZ-19	67927.6807	-3166.0611	-24667.2244
X:	-0.0113 fts	W-Test:	-0.61	
Y:	0.0547 fts		1.04	
Z:	0.0579 fts		1.37	
Easting:	0.0038 fts	W-Test:	0.17	
Northing:	0.0803 fts		1.74	
Height:	-0.0026 fts		-0.05	
Closing error:	0.0804 fts	(0.6 ppm)	Ratio: (1:1812147)	
Length:	145773.1274 fts			

Loop 73

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-6 OLD	379.9835	-186.2575	-321.3833
ASH AZ-6 OLD	FLEISCHMANN'S 2	-19661.4136	657.6005	6539.5940
FLEISCHMANN'S 2	ASH AZ-5 OLD	19281.4397	-471.3563	-6218.2089
X:	0.0095 fts	W-Test:	0.63	
Y:	-0.0133 fts		-0.34	

Z:	0.0019 fts		0.07
Easting:	0.0056 fts	W-Test:	0.31
Northing:	-0.0090 fts		-0.27
Height:	0.0127 fts		0.38
Closing error:	0.0165 fts	(0.4 ppm)	Ratio: (1:2516602)
Length:	41527.0769 fts		

Loop 74

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-19	ASH AZ-20	-24.2373	-377.2762	-398.6979
ASH AZ-20	FLEISCHMANNNS 2	-67903.4582	3543.3212	25065.9300
FLEISCHMANNNS 2	ASH AZ-19	67927.6807	-3166.0611	-24667.2244
X:	-0.0147 fts	W-Test:	-0.65	
Y:	-0.0161 fts		-0.26	
Z:	0.0077 fts		0.16	
Easting:	-0.0185 fts	W-Test:	-0.68	
Northing:	-0.0021 fts		-0.04	
Height:	0.0138 fts		0.25	
Closing error:	0.0231 fts	(0.2 ppm)	Ratio: (1:6285119)	
Length:	145355.4669 fts			

Loop 75

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878
ASH AZ-16	FLEISCHMANNNS 2	-67993.7295	-5186.5717	15350.2539
FLEISCHMANNNS 2	ASH AZ-15	67465.2143	4948.8331	-15472.4135
X:	-0.0041 fts	W-Test:	-0.13	
Y:	-0.0205 fts		-0.34	
Z:	0.0283 fts		0.61	
Easting:	-0.0095 fts	W-Test:	-0.28	
Northing:	0.0085 fts		0.16	
Height:	0.0328 fts		0.61	
Closing error:	0.0352 fts	(0.3 ppm)	Ratio: (1:3973416)	
Length:	139883.2623 fts			

Loop 76

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-13	ASH AZ-14	-723.1497	-399.9929	-244.9148
ASH AZ-14	FLEISCHMANNNS 2	-75588.1089	-14179.8528	7652.3051
FLEISCHMANNNS 2	ASH AZ-13	76311.2887	14579.8316	-7407.3952

X:	0.0301 fts	W-Test:	1.00
Y:	-0.0142 fts		-0.28
Z:	-0.0049 fts		-0.09
Easting:	0.0252 fts	W-Test:	0.79
Northing:	-0.0183 fts		-0.35
Height:	0.0128 fts		0.25
Closing error:	0.0337 fts	(0.2 ppm)	Ratio: (1:4641052)
Length:	156192.2557 fts		

Loop 77



From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823	4117.7948	-5578.4573
ASH AZ-12 OLD	FLEISCHMANN'S 2	-50241.8057	-3646.5378	11796.7684
FLEISCHMANN'S 2	ASH AZ-5 OLD	19281.4397	-471.3563	-6218.2089
X:	0.0163 fts	W-Test:	0.76	
Y:	-0.0992 fts		-1.52	
Z:	0.1022 fts		2.18	⚠
Easting:	-0.0108 fts	W-Test:	-0.40	
Northing:	0.0087 fts		0.16	
Height:	0.1427 fts		2.53	⚠
Closing error:	0.1434 fts	(1.4 ppm)	Ratio:(1:723340)	
Length:	103728.9228 fts			

Loop 78

From	To	dX[fts]	dY[fts]	dZ[fts]
WALTON	WBDR AZ-11	16118.6733	26673.3165	24471.5840
WBDR AZ-11	WBDR AZ-12	-623.2217	755.3892	1013.8073
WBDR AZ-12	WALTON	-15495.4526	-27428.7143	-25485.3923
X:	-0.0011 fts	W-Test:	-0.06	
Y:	-0.0086 fts		-0.20	
Z:	-0.0011 fts		-0.03	
Easting:	-0.0032 fts	W-Test:	-0.16	
Northing:	-0.0063 fts		-0.15	
Height:	0.0052 fts		0.13	
Closing error:	0.0088 fts	(0.1 ppm)	Ratio: (1:9306370)	
Length:	81555.4526 fts			

Loop 79




From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-30	ANDES	-30850.8264	-64046.8369	-58902.8166
ANDES	WBDR AZ-28	22138.2459	53493.9948	50072.1208
WBDR AZ-28	SOUTH KORTRIGHT	-10717.7675	-10262.9217	-7919.0576

SOUTH KORTRIGHT	WBDR AZ-30	19430.4147	20815.8065	16749.7441
X:	0.0668 fts	W-Test:	3.27	
Y:	0.0427 fts		1.06	
Z:	-0.0093 fts		-0.27	
Easting:	0.0757 fts	W-Test:	3.38	
Northing:	0.0089 fts		0.25	
Height:	-0.0237 fts		-0.64	
Closing error:	0.0798 fts	(0.4 ppm)	Ratio:	
Length:	218721.5643 fts		(1:2739448)	

Loop 80

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-28	NYON	-119753.0932	-14398.5606	18178.8474
NYON	WBDR AZ-25	107790.7108	4343.6638	-25527.4902
WBDR AZ-25	SOUTH KORTRIGHT	1244.6042	-208.0573	-570.4135
SOUTH KORTRIGHT	WBDR AZ-28	10717.7675	10262.9217	7919.0576
X:	-0.0106 fts	W-Test:	-0.46	
Y:	-0.0324 fts		-0.82	
Z:	0.0014 fts		0.04	
Easting:	-0.0187 fts	W-Test:	-0.76	
Northing:	-0.0182 fts		-0.47	
Height:	0.0220 fts		0.56	
Closing error:	0.0342 fts	(0.1 ppm)	Ratio:	
Length:	251039.9363 fts		(1:7348026)	

Loop 81

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-30	ANDES	-30850.8264	-64046.8369	-58902.8166
ANDES	WBDR AZ-23	-15240.4453	29731.3339	35377.5130
WBDR AZ-23	SOUTH KORTRIGHT	26660.9441	13499.6441	6775.6046
SOUTH KORTRIGHT	WBDR AZ-30	19430.4147	20815.8065	16749.7441
X:	0.0872 fts	W-Test:	4.63	
Y:	-0.0524 fts		-1.39	
Z:	0.0450 fts		1.25	
Easting:	0.0703 fts	W-Test:	3.40	
Northing:	-0.0162 fts		-0.44	
Height:	0.0847 fts		2.32	
Closing error:	0.1112 fts	(0.5 ppm)	Ratio:	
Length:	204660.3583 fts		(1:1839771)	

Loop 82

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-10	WBDR AZ-9	-362.0647	-296.5531	-211.5534
WBDR AZ-9	WALTON	-4695.5417	-4118.0975	-3166.2274
WALTON	WBDR AZ-10	5057.6065	4414.6554	3377.7778
X:	0.0001 fts	W-Test:	0.01	
Y:	0.0047 fts		0.10	
Z:	-0.0029 fts		-0.09	
Easting:	0.0013 fts	W-Test:	0.06	
Northing:	0.0009 fts		0.02	
Height:	-0.0053 fts		-0.14	
Closing error:	0.0055 fts	(0.4 ppm)	Ratio:	
Length:	15031.0592 fts		(1:2720123)	

Loop 83

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-7	WBDR AZ-8	163.5264	701.4030	737.1971
WBDR AZ-8	WALTON	-1481.8807	-10083.0833	-10534.1871
WALTON	WBDR AZ-7	1318.3506	9381.6858	9796.9885
X:	-0.0037 fts	W-Test:	-0.27	
Y:	0.0055 fts		0.29	
Z:	-0.0015 fts		-0.09	
Easting:	-0.0022 fts	W-Test:	-0.15	
Northing:	0.0031 fts		0.18	
Height:	-0.0056 fts		-0.32	
Closing error:	0.0067 fts	(0.2 ppm)	Ratio:	
Length:	29316.2841 fts		(1:4346119)	

Loop 84

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-21	WBDR AZ-22	-292.0188	-381.9176	-318.8523
WBDR AZ-22	WALTON	-50859.1180	-41578.7966	-30013.3757
WALTON	WBDR AZ-21	51151.1229	41960.7209	30332.2249
X:	-0.0138 fts	W-Test:	-0.65	
Y:	0.0067 fts		0.15	
Z:	-0.0031 fts		-0.07	
Easting:	-0.0116 fts	W-Test:	-0.49	
Northing:	0.0045 fts		0.10	
Height:	-0.0096 fts		-0.21	
Closing error:	0.0157 fts	(0.1 ppm)	Ratio:	
Length:	145582.2457 fts		(1:9277096)	

Loop 85

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-1	WBDR AZ-2	869.4301	505.8489	270.9147
WBDR AZ-2	WALTON	6341.9929	4489.8864	3016.3944
WALTON	WBDR AZ-1	-7211.4227	-4995.7365	-3287.3104

X:	0.0003 fts	W-Test:	0.03
Y:	-0.0013 fts		-0.07
Z:	-0.0013 fts		-0.07

Easting:	-0.0001 fts	W-Test:	-0.01
Northing:	-0.0018 fts		-0.11
Height:	0.0001 fts		0.01

Closing error:	0.0018 fts	(0.1 ppm)	Ratio:
Length:	18745.5842 fts		(1:10163590)

Loop 86

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-15	WBDR AZ-16 OLD	-481.3888	261.5195	406.6574
WBDR AZ-16 OLD	WALTON	-38193.3694	-20804.6281	-11425.4695
WALTON	WBDR AZ-15	38674.7732	20543.1051	11018.8179

X:	0.0150 fts	W-Test:	1.33
Y:	-0.0035 fts		-0.22
Z:	0.0058 fts		0.30

Easting:	0.0136 fts	W-Test:	1.17
Northing:	-0.0006 fts		-0.03
Height:	0.0093 fts		0.53

Closing error:	0.0165 fts	(0.2 ppm)	Ratio:
Length:	90807.3098 fts		(1:5514999)

Loop 87

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-13	WBDR AZ-14	508.5204	-345.0062	-540.2611
WBDR AZ-14	WALTON	-34732.7689	-14249.1781	-5403.1277
WALTON	WBDR AZ-13	34224.2488	14594.1829	5943.3919

X:	0.0003 fts	W-Test:	0.03
Y:	-0.0014 fts		-0.08
Z:	0.0031 fts		0.19

Easting:	0.0000 fts	W-Test:	0.00
Northing:	0.0013 fts		0.07
Height:	0.0032 fts		0.18

Closing error:	0.0034 fts	(0.0 ppm)	Ratio:
Length:	76424.8440 fts		(1:22506173)

Loop 88

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-8	20591.2149	-8758.2538	-16704.3736
ROND AZ-8	CLARYVILLE	-20005.2598	7902.3186	15579.1451
CLARYVILLE	NEV AZ-1	-585.9434	855.9150	1125.2264
X:	0.0116 fts	W-Test:	0.31	
Y:	-0.0202 fts		-0.28	
Z:	-0.0021 fts		-0.05	
Easting:	0.0058 fts	W-Test:	0.14	
Northing:	-0.0166 fts		-0.30	
Height:	0.0154 fts		0.26	
Closing error:	0.0234 fts	(0.4 ppm)	Ratio:	
Length:	56012.9673 fts		(1:2393218)	

Loop 89

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-7	20232.3710	-9315.7883	-17185.2467
ROND AZ-7	CLARYVILLE	-19646.4242	8459.8998	16060.0123
CLARYVILLE	NEV AZ-1	-585.9434	855.9150	1125.2264
X:	0.0033 fts	W-Test:	0.10	
Y:	0.0266 fts		0.41	
Z:	-0.0080 fts		-0.22	
Easting:	0.0103 fts	W-Test:	0.27	
Northing:	0.0106 fts		0.21	
Height:	-0.0237 fts		-0.45	
Closing error:	0.0279 fts	(0.5 ppm)	Ratio:	
Length:	56411.7540 fts		(1:2020403)	

Loop 90

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-5	ROND AZ-6	30.3282	-481.2100	-511.9155
ROND AZ-6	CLARYVILLE	-11914.9736	14343.3644	20001.3889
CLARYVILLE	ROND AZ-5	11884.6414	-13862.1465	-19489.4832
X:	-0.0041 fts	W-Test:	-0.27	
Y:	0.0079 fts		0.22	
Z:	-0.0099 fts		-0.40	
Easting:	-0.0019 fts	W-Test:	-0.11	
Northing:	-0.0015 fts		-0.05	
Height:	-0.0131 fts		-0.43	
Closing error:	0.0134 fts	(0.2 ppm)	Ratio:	
Length:	54754.9553 fts		(1:4099347)	

Loop 91

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-1	ROND AZ-4	-27626.6539	-15224.2526	-7919.8185

ROND AZ-4	CLARYVILLE	-2507.3466	13314.4099	15770.3846
CLARYVILLE	ROND AZ-1	30134.0183	1909.7783	-7850.5324
X:	0.0178 fts	W-Test:	0.67	
Y:	-0.0644 fts		-1.44	
Z:	0.0336 fts		0.78	
Easting:	0.0000 fts	W-Test:	0.00	
Northing:	-0.0196 fts		-0.45	
Height:	0.0722 fts		1.66	
Closing error:	0.0748 fts	(0.9 ppm)	Ratio:	(1:1129789)
Length:	84512.1572 fts			

Loop 92

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-3	-700.6821	-250.1056	-38.6496
ROND AZ-3	CLARYVILLE	-1806.6738	13564.5315	15809.0157
CLARYVILLE	ROND AZ-4	2507.3466	-13314.4099	-15770.3846
X:	-0.0092 fts	W-Test:	-0.48	
Y:	0.0160 fts		0.60	
Z:	-0.0186 fts		-0.62	
Easting:	-0.0046 fts	W-Test:	-0.23	
Northing:	-0.0019 fts		-0.07	
Height:	-0.0257 fts		-0.92	
Closing error:	0.0262 fts	(0.6 ppm)	Ratio:	(1:1620716)
Length:	42444.9589 fts			

Loop 93

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-2	28192.0984	15191.8081	7747.5436
ROND AZ-2	CLARYVILLE	-30699.4663	-1877.3370	8022.8047
CLARYVILLE	ROND AZ-4	2507.3466	-13314.4099	-15770.3846
X:	-0.0212 fts	W-Test:	-0.77	
Y:	0.0612 fts		1.41	
Z:	-0.0363 fts		-0.83	
Easting:	-0.0041 fts	W-Test:	-0.14	
Northing:	0.0161 fts		0.37	
Height:	-0.0724 fts		-1.68	
Closing error:	0.0743 fts	(0.9 ppm)	Ratio:	(1:1151387)
Length:	85525.5424 fts			

Loop 94

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-4	-8083.1018	17738.8536	22616.1706
NEV AZ-4	CLARYVILLE	-3831.8750	-3395.4742	-2614.7973
CLARYVILLE	ROND AZ-6	11914.9736	-14343.3644	-20001.3889

X:	-0.0032 fts	W-Test:	-0.18
Y:	0.0150 fts		0.38
Z:	-0.0156 fts		-0.53
Easting:	0.0009 fts	W-Test:	0.05
Northing:	-0.0014 fts		-0.04
Height:	-0.0218 fts		-0.62
Closing error:	0.0218 fts	(0.3 ppm)	Ratio: (1:2882220)
Length:	62951.8878 fts		

Loop 95




From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
NEV AZ-3	CLARYVILLE	-4464.2752	-3695.6411	-2761.0306
CLARYVILLE	ROND AZ-6	11914.9736	-14343.3644	-20001.3889
X:	-0.0183 fts	W-Test:	-0.97	
Y:	0.0578 fts		1.22	
Z:	-0.0484 fts		-1.39	
Easting:	-0.0023 fts	W-Test:	-0.10	
Northing:	0.0044 fts		0.11	
Height:	-0.0774 fts		-1.88	
Closing error:	0.0775 fts	(1.2 ppm)	Ratio:(1:822234)	
Length:	63748.7645 fts			

Loop 96

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	NEV AZ-2	619.6542	-270.5403	-493.4223
NEV AZ-2	CLARYVILLE	-33.7249	-585.3380	-631.8048
CLARYVILLE	NEV AZ-1	-585.9434	855.9150	1125.2264
X:	-0.0141 fts	W-Test:	-0.51	
Y:	0.0366 fts		0.76	
Z:	-0.0007 fts		-0.02	
Easting:	-0.0039 fts	W-Test:	-0.13	
Northing:	0.0256 fts		0.67	
Height:	-0.0295 fts		-0.74	
Closing error:	0.0392 fts	(12.2 ppm)	Ratio:(1:82304)	
Length:	3229.3501 fts			

Loop 97

From	To	dX[fts]	dY[fts]	dZ[fts]	
DELHI	WBDR AZ-19 OLD	1134.1440	775.5942	234.7620	
WBDR AZ-19 OLD	WBDR AZ-20	356.1695	-643.9353	-812.9485	
WBDR AZ-19 OLD	WBDR AZ-20	356.0874	-643.8989	-812.9845	
		356.1285	-643.9171	-812.9665	Average

WBDR AZ-20	DELHI	-1490.3165	-131.6495	578.1797
X:	-0.0440 fts	W-Test:	-3.33	
Y:	0.0276 fts		1.15	
Z:	-0.0248 fts		-1.59	
Easting:	-0.0353 fts	W-Test:	-2.48	
Northing:	0.0073 fts		0.37	
Height:	-0.0449 fts		-2.21	
Closing error:	0.0576 fts	(14.1 ppm)	Ratio:(1:71093)	
Length:	4094.3749 fts			

Loop 98

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-8	20591.2149	-8758.2538	-16704.3736
ROND AZ-8	PHOENICIA	35870.0323	65861.1270	59785.2730
PHOENICIA	NEV AZ-1	-56461.1765	-57102.8666	-43080.8158
X:	0.0707 fts	W-Test:	1.22	
Y:	0.0065 fts		0.05	
Z:	0.0836 fts		1.30	
Easting:	0.0699 fts	W-Test:	1.07	
Northing:	0.0537 fts		0.57	
Height:	0.0653 fts		0.65	
Closing error:	0.1097 fts	(0.5 ppm)	Ratio: (1:1959779)	
Length:	214962.6660 fts			

Loop 99

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-7	20232.3710	-9315.7883	-17185.2467
ROND AZ-7	PHOENICIA	36228.8918	66418.6933	60266.1794
PHOENICIA	NEV AZ-1	-56461.1765	-57102.8666	-43080.8158
X:	0.0863 fts	W-Test:	1.54	
Y:	0.0384 fts		0.32	
Z:	0.1168 fts		1.84	
Easting:	0.0934 fts	W-Test:	1.49	
Northing:	0.0961 fts		1.05	
Height:	0.0678 fts		0.70	
Closing error:	0.1502 fts	(0.7 ppm)	Ratio: (1:1438114)	
Length:	215988.7015 fts			

Loop 100

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-4	ROND AZ-6	8083.1018	-17738.8536	-22616.1706
ROND AZ-6	PHOENICIA	43960.3769	72302.0853	64207.4177
PHOENICIA	NEV AZ-4	-52043.4625	-54563.2244	-41591.3035
X:	0.0162 fts	W-Test:	0.47	

Y:	0.0073 fts		0.08
Z:	-0.0563 fts		-0.78
Easting:	0.0176 fts	W-Test:	0.43
Northing:	-0.0401 fts		-0.51
Height:	-0.0397 fts		-0.50
Closing error:	0.0590 fts	(0.3 ppm)	Ratio: (1:3762804)
Length:	222191.2768 fts		


Loop 101

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-1	ROND AZ-4	-27626.6539	-15224.2526	-7919.8185
ROND AZ-4	PHOENICIA	53367.9397	71273.1665	59976.4417
PHOENICIA	ROND AZ-1	-25741.2836	-56048.8956	-52056.6055
X:	0.0022 fts	W-Test:	0.04	
Y:	0.0182 fts		0.20	
Z:	0.0176 fts		0.23	
Easting:	0.0070 fts	W-Test:	0.12	
Northing:	0.0244 fts		0.30	
Height:	-0.0008 fts		-0.01	
Closing error:	0.0255 fts	(0.1 ppm)	Ratio: (1:8666539)	
Length:	220587.4275 fts			

Loop 102

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-2	28192.0984	15191.8081	7747.5436
ROND AZ-2	PHOENICIA	25175.8353	56081.3480	52228.8758
PHOENICIA	ROND AZ-4	-53367.9397	-71273.1665	-59976.4417
X:	-0.0060 fts	W-Test:	-0.11	
Y:	-0.0104 fts		-0.12	
Z:	-0.0223 fts		-0.29	
Easting:	-0.0086 fts	W-Test:	-0.14	
Northing:	-0.0222 fts		-0.27	
Height:	-0.0086 fts		-0.11	
Closing error:	0.0253 fts	(0.1 ppm)	Ratio: (1:8732462)	
Length:	220968.6733 fts			

Loop 103

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
NEV AZ-3	PHOENICIA	51411.0218	54263.1588	41445.0214
PHOENICIA	ROND AZ-6	-43960.3769	-72302.0853	-64207.4177
X:	-0.0719 fts	W-Test:	-2.01	
Y:	0.1367 fts		1.49	
Z:	-0.0252 fts		-0.37	

Easting:	-0.0326 fts	W-Test:	-0.77
Northing:	0.0822 fts		1.05
Height:	-0.1291 fts		-1.60
Closing error:	0.1565 fts	(0.7 ppm)	Ratio: (1:1416414)
Length:	221675.0452 fts		

Loop 104

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	NEV AZ-2	619.6542	-270.5403	-493.4223
NEV AZ-2	PHOENICIA	55841.5831	57373.4415	43574.2389
PHOENICIA	NEV AZ-1	-56461.1765	-57102.8666	-43080.8158
X:	0.0609 fts	W-Test:	0.91	
Y:	0.0346 fts		0.27	
Z:	0.0008 fts		0.01	
Easting:	0.0679 fts	W-Test:	0.93	
Northing:	0.0120 fts		0.12	
Height:	-0.0121 fts		-0.11	
Closing error:	0.0700 fts	(0.4 ppm)	Ratio: (1:2616624)	
Length:	183118.5036 fts			

Loop 105

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0831	-468.8595	-555.7937	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0695	-468.8247	-555.8019	
		167.0763	-468.8421	-555.7978	Average
ASH AZ-30 OLD	PHOENICIA	-17937.3653	23137.2605	30431.3991	
PHOENICIA	ASH AZ-29 OLD	17770.2955	-22668.4268	-29875.6031	
X:	0.0065 fts	W-Test:	0.43		
Y:	-0.0085 fts		-0.19		
Z:	-0.0017 fts		-0.06		
Easting:	0.0039 fts	W-Test:	0.21		
Northing:	-0.0079 fts		-0.22		
Height:	0.0062 fts		0.17		
Closing error:	0.0108 fts	(0.1 ppm)	Ratio: (1:7829180)		
Length:	84472.7750 fts				

Loop 106



From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-21 OLD	ASH AZ-28	-7145.4629	-18518.5809	-18234.9156
ASH AZ-28	PHOENICIA	-18042.1472	13414.1190	20028.9272
PHOENICIA	ASH AZ-21 OLD	25187.5777	5104.4255	-1793.9749
X:	-0.0324 fts	W-Test:	-1.49	
Y:	-0.0363 fts		-0.86	
Z:	0.0368 fts		1.04	

Easting:	-0.0410 fts	W-Test:	-1.72
Northing:	0.0097 fts		0.26
Height:	0.0441 fts		1.14
Closing error:	0.0610 fts	(0.7 ppm)	Ratio: (1:1357676)
Length:	82825.9980 fts		

Loop 107

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-26 OLD	ASH AZ-27	4386.1325	-6068.5532	-7897.1625
ASH AZ-27	PHOENICIA	-18354.4014	13900.8678	20669.7816
PHOENICIA	ASH AZ-26 OLD	13968.2705	-7832.3146	-12772.6064
X:	0.0016 fts	W-Test:	0.13	
Y:	0.0001 fts		0.00	
Z:	0.0127 fts		0.53	
Easting:	0.0016 fts	W-Test:	0.11	
Northing:	0.0092 fts		0.40	
Height:	0.0088 fts		0.38	
Closing error:	0.0128 fts	(0.2 ppm)	Ratio: (1:4860274)	
Length:	62307.8608 fts			

Loop 108

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
ASH AZ-26 OLD	PHOENICIA	-13968.2705	7832.3146	12772.6064	
PHOENICIA	ASH AZ-25 OLD	14238.6801	-8093.9979	-13136.0475	
X:	0.0245 fts	W-Test:	2.37		
Y:	0.0073 fts		0.43		
Z:	-0.0187 fts		-0.97		
Easting:	0.0256 fts	W-Test:	2.33		
Northing:	-0.0136 fts		-0.75		
Height:	-0.0128 fts		-0.72		
Closing error:	0.0317 fts	(0.8 ppm)	Ratio: (1:1325887)		
Length:	42002.6441 fts				

Loop 109

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-28	ASH AZ-25 OLD	-3803.4682	5320.1049	6892.8798
ASH AZ-25 OLD	PHOENICIA	-14238.6801	8093.9979	13136.0475
PHOENICIA	ASH AZ-28	18042.1472	-13414.1190	-20028.9272
X:	-0.0010 fts	W-Test:	-0.07	
Y:	-0.0163 fts		-0.74	
Z:	0.0000 fts		0.00	

Easting:	-0.0054 fts	W-Test:	-0.39
Northing:	-0.0103 fts		-0.45
Height:	0.0115 fts		0.51
Closing error:	0.0163 fts	(0.3 ppm)	Ratio: (1:3709063)
Length:	60607.1664 fts		

Loop 110

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526	-588.5524	-566.6078	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1242	-588.5674	-566.5810	
		-275.1384	-588.5599	-566.5944	Average
ASH AZ-22 OLD	PHOENICIA	-24912.4452	-4515.8748	2360.5594	
PHOENICIA	ASH AZ-21 OLD	25187.5777	5104.4255	-1793.9749	
X:	-0.0058 fts	W-Test:	-0.37		
Y:	-0.0091 fts		-0.28		
Z:	-0.0099 fts		-0.47		
Easting:	-0.0081 fts	W-Test:	-0.47		
Northing:	-0.0122 fts		-0.47		
Height:	-0.0013 fts		-0.05		
Closing error:	0.0146 fts	(0.3 ppm)	Ratio: (1:3554116)		
Length:	52052.4243 fts				

Loop 111

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-27	EBDR AZ-28	517.2272	146.5174	14.6792	
EBDR AZ-28	BOICEVILLE	79525.5595	-15195.5446	-41199.5491	
BOICEVILLE	EBDR AZ-27	-80042.8130	15049.0514	41184.8302	
X:	-0.0264 fts	W-Test:	-0.91		
Y:	0.0242 fts		0.42		
Z:	-0.0397 fts		-0.56		
Easting:	-0.0189 fts	W-Test:	-0.59		
Northing:	-0.0091 fts		-0.14		
Height:	-0.0492 fts		-0.78		
Closing error:	0.0534 fts	(0.3 ppm)	Ratio: (1:3417201)		
Length:	182647.9054 fts				

Loop 112


From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-1	EBDR AZ-13 OLD	-52677.3520	13550.7426	29693.4045	
EBDR AZ-13 OLD	BOICEVILLE	102160.6085	-9055.0896	-41116.7061	
BOICEVILLE	ASH AZ-1	-49483.2613	-4495.5930	11423.2816	
X:	-0.0048 fts	W-Test:	-0.12		

Y:	0.0601 fts		0.95
Z:	-0.0199 fts		-0.33
Easting:	0.0114 fts	W-Test:	0.26
Northing:	0.0248 fts		0.41
Height:	-0.0573 fts		-0.94
Closing error:	0.0635 fts	(0.3 ppm)	Ratio: (1:3520622)
Length:	223448.8331 fts		

Loop 113

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-8	546.7967	-328.9669	-543.2905
ASH AZ-8	BOICEVILLE	42056.6663	-17210.6880	-31614.6732
BOICEVILLE	ASH AZ-7	-42603.4553	17539.6985	32157.9533
X:	0.0077 fts	W-Test:	0.35	
Y:	0.0436 fts		0.65	
Z:	-0.0104 fts		-0.19	
Easting:	0.0191 fts	W-Test:	0.69	
Northing:	0.0190 fts		0.32	
Height:	-0.0365 fts		-0.60	
Closing error:	0.0454 fts	(0.4 ppm)	Ratio: (1:2473425)	
Length:	112381.2960 fts			

Loop 114

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-17	ASH AZ-5 OLD	-45533.4724	-218.9202	14320.9542
ASH AZ-5 OLD	BOICEVILLE	63515.6487	-14203.8647	-35411.6597
BOICEVILLE	ASH AZ-17	-17982.2601	14422.8093	21090.7275
X:	-0.0838 fts	W-Test:	-2.45	
Y:	0.0245 fts		0.32	
Z:	0.0219 fts		0.38	
Easting:	-0.0741 fts	W-Test:	-1.91	
Northing:	0.0472 fts		0.72	
Height:	-0.0196 fts		-0.29	
Closing error:	0.0900 fts	(0.6 ppm)	Ratio: (1:1700671)	
Length:	153071.4707 fts			

Loop 115

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-3	ASH AZ-4	516.5790	13.9328	-143.6715
ASH AZ-4	BOICEVILLE	52516.0307	-9540.5161	-26763.8817
BOICEVILLE	ASH AZ-3	-53032.5891	9526.5144	26907.5941
X:	0.0206 fts	W-Test:	0.43	
Y:	-0.0689 fts		-1.04	
Z:	0.0409 fts		0.76	

Easting:	0.0013 fts	W-Test:	0.03
Northing:	-0.0178 fts		-0.30
Height:	0.0808 fts		1.34
Closing error:	0.0827 fts	(0.7 ppm)	Ratio: (1:1456320)
Length:	120472.6451 fts		

Loop 116

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0831	-468.8595	-555.7937	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0695	-468.8247	-555.8019	
		167.0763	-468.8421	-555.7978	Average
ASH AZ-30 OLD	BOICEVILLE	407.6205	9223.4543	9751.5740	
BOICEVILLE	ASH AZ-29 OLD	-574.6885	-8754.6221	-9195.7763	
X:	0.0083 fts	W-Test:	0.76		
Y:	-0.0099 fts		-0.32		
Z:	-0.0001 fts		0.00		
Easting:	0.0053 fts	W-Test:	0.39		
Northing:	-0.0080 fts		-0.31		
Height:	0.0087 fts		0.33		
Closing error:	0.0129 fts	(0.5 ppm)	Ratio: (1:2078150)		
Length:	26884.5175 fts				

Loop 117



From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-28	-7145.4629	-18518.5809	-18234.9156	
ASH AZ-28	BOICEVILLE	302.8485	-499.6903	-650.9132	
BOICEVILLE	ASH AZ-21 OLD	6842.6071	19018.2364	18885.8598	
X:	-0.0072 fts	W-Test:	-0.38		
Y:	-0.0348 fts		-0.92		
Z:	0.0309 fts		0.95		
Easting:	-0.0164 fts	W-Test:	-0.78		
Northing:	0.0019 fts		0.05		
Height:	0.0442 fts		1.27		
Closing error:	0.0472 fts	(0.8 ppm)	Ratio: (1:1176886)		
Length:	55490.5759 fts				

Loop 118

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-26 OLD	ASH AZ-27	4386.1325	-6068.5532	-7897.1625	
ASH AZ-27	BOICEVILLE	-9.4089	-12.9382	-10.0609	
BOICEVILLE	ASH AZ-26 OLD	-4376.7208	6081.4802	7907.2378	
X:	0.0028 fts	W-Test:	0.27		
Y:	-0.0111 fts		-0.64		
Z:	0.0144 fts		0.69		

Easting:	-0.0003 fts	W-Test:	-0.03
Northing:	0.0030 fts		0.16
Height:	0.0181 fts		0.96
Closing error:	0.0184 fts	(0.8 ppm)	Ratio: (1:1186411)
Length:	21794.8074 fts		

Loop 119

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
ASH AZ-26 OLD	BOICEVILLE	4376.7208	-6081.4802	-7907.2378	
BOICEVILLE	ASH AZ-25 OLD	-4106.3131	5819.7957	7543.7991	
X:	0.0227 fts	W-Test:	2.87		
Y:	0.0060 fts		0.47		
Z:	-0.0163 fts		-1.06		
Easting:	0.0235 fts	W-Test:	2.81		
Northing:	-0.0123 fts		-0.87		
Height:	-0.0106 fts		-0.76		
Closing error:	0.0285 fts	(1.3 ppm)	Ratio:(1:763294)		
Length:	21791.4595 fts				

Loop 120

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-28	ASH AZ-25 OLD	-3803.4682	5320.1049	6892.8798	
ASH AZ-25 OLD	BOICEVILLE	4106.3131	-5819.7957	-7543.7991	
BOICEVILLE	ASH AZ-28	-302.8485	499.6903	650.9132	
X:	-0.0036 fts	W-Test:	-0.41		
Y:	-0.0005 fts		-0.04		
Z:	-0.0061 fts		-0.35		
Easting:	-0.0036 fts	W-Test:	-0.39		
Northing:	-0.0042 fts		-0.26		
Height:	-0.0044 fts		-0.28		
Closing error:	0.0071 fts	(0.3 ppm)	Ratio: (1:2925789)		
Length:	20751.3698 fts				

Loop 121

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526	-588.5524	-566.6078	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1242	-588.5674	-566.5810	
		-275.1384	-588.5599	-566.5944	Average
ASH AZ-22 OLD	BOICEVILLE	-6567.4835	-18429.6710	-18319.2777	
BOICEVILLE	ASH AZ-21 OLD	6842.6071	19018.2364	18885.8598	
X:	-0.0147 fts	W-Test:	-1.07		
Y:	0.0054 fts		0.19		

Z:	-0.0124 fts		-0.59
Easting:	-0.0127 fts	W-Test:	-0.83
Northing:	-0.0030 fts		-0.12
Height:	-0.0151 fts		-0.61
Closing error:	0.0200 fts	(0.4 ppm)	Ratio: (1:2767174)
Length:	55326.7468 fts		

Loop 122

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-20	27709.7776	-6407.8157	-15594.0199
ASH AZ-20	BOICEVILLE	14893.6907	-11131.8816	-16564.0213
BOICEVILLE	ASH AZ-7	-42603.4553	17539.6985	32157.9533
X:	0.0130 fts	W-Test:	0.66	
Y:	0.0012 fts		0.02	
Z:	-0.0878 fts		-1.78	
Easting:	0.0128 fts	W-Test:	0.51	
Northing:	-0.0668 fts		-1.24	
Height:	-0.0570 fts		-1.04	
Closing error:	0.0887 fts	(0.8 ppm)	Ratio: (1:1279223)	
Length:	113523.1856 fts			

Loop 123

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-19	27734.0207	-6030.5600	-15195.3072
ASH AZ-19	BOICEVILLE	14869.4528	-11509.1565	-16962.7204
BOICEVILLE	ASH AZ-7	-42603.4553	17539.6985	32157.9533
X:	0.0182 fts	W-Test:	0.96	
Y:	-0.0181 fts		-0.31	
Z:	-0.0742 fts		-1.58	
Easting:	0.0126 fts	W-Test:	0.52	
Northing:	-0.0701 fts		-1.36	
Height:	-0.0332 fts		-0.63	
Closing error:	0.0785 fts	(0.7 ppm)	Ratio: (1:1447565)	
Length:	113703.2783 fts			

Loop 124

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-17	ASH AZ-18	-285.8063	-465.1768	-400.6132
ASH AZ-18	BOICEVILLE	18268.0550	-13957.6208	-20690.1029
BOICEVILLE	ASH AZ-17	-17982.2601	14422.8093	21090.7275
X:	-0.0114 fts	W-Test:	-0.45	
Y:	0.0118 fts		0.27	
Z:	0.0113 fts		0.40	

Easting:	-0.0078 fts	W-Test:	-0.29
Northing:	0.0181 fts		0.52
Height:	-0.0031 fts		-0.09
Closing error:	0.0199 fts	(0.3 ppm)	Ratio: (1:3153138)
Length:	62850.5721 fts		

Loop 125

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878
ASH AZ-16	BOICEVILLE	14803.4055	-19861.8020	-26279.6975
BOICEVILLE	ASH AZ-15	-15331.9143	19624.0849	26157.5093
X:	0.0023 fts	W-Test:	0.17	
Y:	0.0010 fts		0.04	
Z:	-0.0004 fts		-0.02	
Easting:	0.0025 fts	W-Test:	0.17	
Northing:	-0.0001 fts		0.00	
Height:	-0.0005 fts		-0.02	
Closing error:	0.0025 fts	(0.0 ppm)	Ratio: (1:28643235)	
Length:	72823.0234 fts			

Loop 126

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-13	ASH AZ-14	-723.1497	-399.9929	-244.9148
ASH AZ-14	BOICEVILLE	7209.0410	-28855.0471	-33977.5984
BOICEVILLE	ASH AZ-13	-6485.8904	29255.0358	34222.5079
X:	0.0009 fts	W-Test:	0.04	
Y:	-0.0042 fts		-0.13	
Z:	-0.0053 fts		-0.14	
Easting:	-0.0003 fts	W-Test:	-0.01	
Northing:	-0.0068 fts		-0.19	
Height:	-0.0004 fts		-0.01	
Closing error:	0.0068 fts	(0.1 ppm)	Ratio: (1:13444170)	
Length:	91505.2994 fts			

Loop 127

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823	4117.7948	-5578.4573
ASH AZ-12 OLD	BOICEVILLE	32555.2939	-18321.6558	-29833.1909
BOICEVILLE	ASH AZ-5 OLD	-63515.6487	14203.8647	35411.6597
X:	0.0275 fts	W-Test:	1.26	
Y:	0.0037 fts		0.06	
Z:	0.0116 fts		0.27	
Easting:	0.0275 fts	W-Test:	1.04	
Northing:	0.0060 fts		0.12	

Height:	0.0106 fts		0.21
Closing error:	0.0301 fts	(0.2 ppm)	Ratio: (1:5105641)
Length:	153629.0597 fts		

Loop 128

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7708	4003.2835	-5493.9494
ASH AZ-11 OLD	BOICEVILLE	33226.9083	-18207.2268	-29917.6745
BOICEVILLE	ASH AZ-5 OLD	-63515.6487	14203.8647	35411.6597
X:	0.0303 fts	W-Test:	1.26	
Y:	-0.0786 fts		-1.33	
Z:	0.0357 fts		0.79	
Easting:	0.0080 fts	W-Test:	0.28	
Northing:	-0.0297 fts		-0.58	
Height:	0.0862 fts		1.65	
Closing error:	0.0916 fts	(0.6 ppm)	Ratio: (1:1675692)	
Length:	153412.8372 fts			

Loop 129

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-7	WBDR AZ-8	163.5264	701.4030	737.1971
WBDR AZ-8	ANDES	84545.6682	17046.8194	-5334.7182
ANDES	WBDR AZ-7	-84709.1822	-17748.2174	4597.4977
X:	0.0124 fts	W-Test:	0.40	
Y:	0.0049 fts		0.12	
Z:	-0.0234 fts		-0.66	
Easting:	0.0133 fts	W-Test:	0.42	
Northing:	-0.0163 fts		-0.42	
Height:	-0.0169 fts		-0.43	
Closing error:	0.0269 fts	(0.2 ppm)	Ratio: (1:6463254)	
Length:	174113.0898 fts			

Loop 130

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-8	WALTON	-1481.8807	-10083.0833	-10534.1871
WALTON	WBDR AZ-6	-7976.9188	4844.5153	7869.5802
WBDR AZ-6	ANDES	94004.4834	22285.3136	-2670.0854
ANDES	WBDR AZ-8	-84545.6682	-17046.8194	5334.7182
X:	0.0158 fts	W-Test:	0.47	
Y:	-0.0738 fts		-1.51	
Z:	0.0260 fts		0.64	
Easting:	-0.0038 fts	W-Test:	-0.11	
Northing:	-0.0314 fts		-0.71	
Height:	0.0733 fts		1.64	

Closing error: 0.0798 fts (0.4 ppm) Ratio:
(1:2631346)
Length: 209923.7814 fts

Loop 131

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-3	WBDR AZ-4	190.0251	387.8707	356.1398
WBDR AZ-4	ANDES	86251.8128	26346.7137	4298.4085
ANDES	WBDR AZ-3	-86441.8450	-26734.5802	-4654.5477

X: -0.0071 fts W-Test: -0.40
Y: 0.0043 fts 0.11
Z: 0.0006 fts 0.01

Easting: -0.0058 fts W-Test: -0.29
Northing: 0.0044 fts 0.11
Height: -0.0040 fts -0.10

Closing error: 0.0083 fts (0.0 ppm) Ratio:
(1:21776903)
Length: 181449.5406 fts

Loop 132

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-27	WBDR AZ-28	544.4147	292.3744	165.9475
WBDR AZ-28	ANDES	-22138.2459	-53493.9948	-50072.1208
ANDES	WBDR AZ-27	21593.8220	53201.5940	49906.1310

X: -0.0092 fts W-Test: -0.45
Y: -0.0264 fts -0.67
Z: -0.0423 fts -1.29

Easting: -0.0159 fts W-Test: -0.71
Northing: -0.0468 fts -1.32
Height: -0.0114 fts -0.32

Closing error: 0.0507 fts (0.3 ppm) Ratio:
(1:3022695)
Length: 153257.9445 fts

Loop 133

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-8	NYON	-13069.1663	56142.2025	62916.2820
NYON	WBDR AZ-26	108491.8553	4420.5966	-25649.1973
WBDR AZ-26	ANDES	-10877.0127	-43516.0260	-42601.7490
ANDES	WBDR AZ-8	-84545.6682	-17046.8194	5334.7182

X: 0.0080 fts W-Test: 0.28
Y: -0.0462 fts -1.02
Z: 0.0539 fts 1.24

Easting: -0.0042 fts W-Test: -0.14
Northing: 0.0085 fts 0.19
Height: 0.0708 fts 1.62

Closing error: 0.0714 fts (0.2 ppm) Ratio:
(1:4831483)
Length: 345173.7636 fts

Loop 134

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-23	WBDR AZ-24	872.0955	432.2710	235.7064
WBDR AZ-24	ANDES	14368.3496	-30163.6106	-35613.2214
ANDES	WBDR AZ-23	-15240.4453	29731.3339	35377.5130

X: -0.0003 fts W-Test: -0.02
Y: -0.0057 fts -0.18
Z: -0.0021 fts -0.07

Easting: -0.0018 fts W-Test: -0.11
Northing: -0.0052 fts -0.17
Height: 0.0026 fts 0.09

Closing error: 0.0061 fts (0.1 ppm) Ratio:
(1:16226403)
Length: 98493.7522 fts

Loop 135

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-1	WBDR AZ-2	869.4301	505.8489	270.9147
WBDR AZ-2	ANDES	92369.5552	31619.7841	8215.8775
ANDES	WBDR AZ-1	-93238.9745	-32125.6421	-8486.7634

X: 0.0108 fts W-Test: 0.51
Y: -0.0091 fts -0.25
Z: 0.0289 fts 0.80

Easting: 0.0080 fts W-Test: 0.36
Northing: 0.0137 fts 0.38
Height: 0.0279 fts 0.78

Closing error: 0.0321 fts (0.2 ppm) Ratio:
(1:6162022)
Length: 198001.2542 fts

Loop 136

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-17	WBDR AZ-18	-408.7636	-422.2606	-358.7611
WBDR AZ-18	ANDES	2341.1423	-18368.3646	-19943.0847
ANDES	WBDR AZ-17	-1932.3767	18790.6232	20301.8523

X: 0.0020 fts W-Test: 0.14
Y: -0.0020 fts -0.09
Z: 0.0066 fts 0.33

Easting: 0.0014 fts W-Test: 0.09
Northing: 0.0032 fts 0.15
Height: 0.0063 fts 0.29

Closing error: 0.0072 fts (0.1 ppm) Ratio:
(1:7754305)

Length: 55633.2092 fts

Loop 137

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-8	WALTON	-1481.8807	-10083.0833	-10534.1871
WALTON	WBDR AZ-10	5057.6065	4414.6554	3377.7778
WBDR AZ-10	ANDES	80969.9780	22715.1721	1821.7036
ANDES	WBDR AZ-8	-84545.6682	-17046.8194	5334.7182

X:	0.0356 fts	W-Test:	0.77
Y:	-0.0752 fts		-0.76
Z:	0.0126 fts		0.18

Easting:	0.0150 fts	W-Test:	0.29
Northing:	-0.0457 fts		-0.55
Height:	0.0691 fts		0.81

Closing error:	0.0842 fts	(0.4 ppm)	Ratio: (1:2289257)
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Length: 192699.9299 fts

Loop 138

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-8	-24853.1191	-42583.9672	-38119.7431
EBDR AZ-8	ANDES	-30217.3621	494.1587	9936.2680
ANDES	EBDR AZ-22	55070.4557	42089.8033	28183.4777

X:	-0.0255 fts	W-Test:	-0.93
Y:	-0.0052 fts		-0.07
Z:	0.0026 fts		0.05

Easting:	-0.0260 fts	W-Test:	-0.81
Northing:	0.0031 fts		0.05
Height:	0.0005 fts		0.01

Closing error:	0.0262 fts	(0.2 ppm)	Ratio: (1:6459702)
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Length: 168960.0676 fts

Loop 139

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979
EBDR AZ-7 OLD	ANDES	-29930.6172	884.3760	10290.9321
ANDES	EBDR AZ-22	55070.4557	42089.8033	28183.4777

X:	0.0161 fts	W-Test:	0.29
Y:	-0.1322 fts		-1.08
Z:	0.0120 fts		0.15

Easting:	-0.0194 fts	W-Test:	-0.31
Northing:	-0.0796 fts		-0.81
Height:	0.1056 fts		1.03

Closing error:	0.1337 fts	(0.8 ppm)	Ratio: (1:1267272)
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Length: 169407.8360 fts

Loop 140

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-17	EBDR AZ-4	-48024.0014	-18480.4428	-5548.3371
EBDR AZ-4	ANDES	-3364.9011	-1848.0238	-662.7312
ANDES	EBDR AZ-17	51388.8559	20328.5318	6211.0498
X:	-0.0466 fts	W-Test:	-1.21	
Y:	0.0652 fts		1.63	
Z:	-0.0184 fts		-0.45	
Easting:	-0.0278 fts	W-Test:	-0.72	
Northing:	0.0369 fts		0.92	
Height:	-0.0681 fts		-1.69	
Closing error:	0.0823 fts	(0.7 ppm)	Ratio:	
			(1:1352426)	
Length:	111262.6225 fts			

Loop 141

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-21	-170.0837	-482.5427	-465.5169
EBDR AZ-21	ANDES	-54900.3597	-41607.3004	-27717.9698
ANDES	EBDR AZ-22	55070.4557	42089.8033	28183.4777
X:	0.0123 fts	W-Test:	0.48	
Y:	-0.0398 fts		-0.56	
Z:	-0.0091 fts		-0.18	
Easting:	0.0013 fts	W-Test:	0.04	
Northing:	-0.0347 fts		-0.59	
Height:	0.0247 fts		0.41	
Closing error:	0.0426 fts	(0.3 ppm)	Ratio:	
			(1:3513307)	
Length:	149768.5823 fts			

Loop 142

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-2	291.4659	309.0221	310.2609
EBDR AZ-2	ANDES	-2676.2667	4563.4747	6012.3889
ANDES	EBDR AZ-1	2384.8010	-4872.4985	-6322.6511
X:	0.0002 fts	W-Test:	0.02	
Y:	-0.0017 fts		-0.13	
Z:	-0.0014 fts		-0.12	
Easting:	-0.0003 fts	W-Test:	-0.03	
Northing:	-0.0022 fts		-0.17	
Height:	0.0003 fts		0.02	
Closing error:	0.0022 fts	(0.1 ppm)	Ratio:	
			(1:7663177)	
Length:	16865.4919 fts			

Loop 143

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-15	50420.8786	19578.7002	5955.9386
EBDR AZ-15	ANDES	-52805.6788	-14706.2354	366.7420
ANDES	EBDR AZ-1	2384.8010	-4872.4985	-6322.6511
X:	0.0008 fts	W-Test:	0.03	
Y:	-0.0336 fts		-0.95	
Z:	0.0294 fts		0.97	
Easting:	-0.0081 fts	W-Test:	-0.31	
Northing:	-0.0001 fts		0.00	
Height:	0.0440 fts		1.34	
Closing error:	0.0447 fts	(0.4 ppm)	Ratio:	
Length:	117563.0791 fts		(1:2629095)	

Loop 144

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-8	FLEISCHMANN'S 2	38247.6271	12367.1266	2144.3148
FLEISCHMANN'S 2	EBDR AZ-12	-20401.1718	-8104.4474	-2850.3555
EBDR AZ-12	ANDES	-48063.7586	-3768.5204	10642.2975
ANDES	EBDR AZ-8	30217.3621	-494.1587	-9936.2680
X:	0.0588 fts	W-Test:	0.65	
Y:	0.0001 fts		0.00	
Z:	-0.0112 fts		-0.11	
Easting:	0.0567 fts	W-Test:	0.59	
Northing:	-0.0187 fts		-0.15	
Height:	0.0040 fts		0.03	
Closing error:	0.0599 fts	(0.4 ppm)	Ratio:	
Length:	143575.6078 fts		(1:2398089)	

Loop 145

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-17	WBDR AZ-18	-408.7636	-422.2606	-358.7611
WBDR AZ-18	MARGARETVILLE	45294.4533	-15502.1901	-30127.9603
MARGARETVILLE	WBDR AZ-17	-44885.6768	15924.4561	30486.7464
X:	0.0129 fts	W-Test:	0.45	
Y:	0.0054 fts		0.12	
Z:	0.0251 fts		0.64	
Easting:	0.0139 fts	W-Test:	0.46	
Northing:	0.0198 fts		0.48	
Height:	0.0155 fts		0.37	
Closing error:	0.0287 fts	(0.3 ppm)	Ratio:	
Length:	113802.2384 fts		(1:3964459)	

Loop 146

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-26	EBDR AZ-9	-22204.2372	-8712.1615	-2954.1030
EBDR AZ-9	MARGARETVILLE	-138.3062	-165.2808	-148.5965
MARGARETVILLE	EBDR AZ-26	22342.5419	8877.4454	3102.6950
X:	-0.0015 fts	W-Test:	-0.14	
Y:	0.0031 fts		0.15	
Z:	-0.0045 fts		-0.22	
Easting:	-0.0006 fts	W-Test:	-0.05	
Northing:	-0.0011 fts		-0.05	
Height:	-0.0055 fts		-0.27	
Closing error:	0.0056 fts	(0.1 ppm)	Ratio:	
Length:	48537.2419 fts		(1:8660076)	

Loop 147

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-8	-24853.1191	-42583.9672	-38119.7431
EBDR AZ-8	MARGARETVILLE	12735.9357	3360.3176	-248.6307
MARGARETVILLE	EBDR AZ-22	12117.1556	39223.6869	38368.3573
X:	-0.0278 fts	W-Test:	-1.05	
Y:	0.0373 fts		0.55	
Z:	-0.0165 fts		-0.34	
Easting:	-0.0169 fts	W-Test:	-0.54	
Northing:	0.0168 fts		0.30	
Height:	-0.0432 fts		-0.74	
Closing error:	0.0494 fts	(0.4 ppm)	Ratio:	
Length:	131688.5957 fts		(1:2668144)	

Loop 148

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979
EBDR AZ-7 OLD	MARGARETVILLE	13022.6844	3750.5010	106.0460
MARGARETVILLE	EBDR AZ-22	12117.1556	39223.6869	38368.3573
X:	0.0176 fts	W-Test:	0.32	
Y:	-0.1236 fts		-1.02	
Z:	0.0055 fts		0.07	
Easting:	-0.0158 fts	W-Test:	-0.25	
Northing:	-0.0792 fts		-0.81	
Height:	0.0954 fts		0.94	
Closing error:	0.1250 fts	(0.9 ppm)	Ratio:	
Length:	132664.8679 fts		(1:1061450)	

Loop 149

From	To	dX[fts]	dY[fts]	dZ[fts]
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EBDR AZ-19	EBDR AZ-6	-27563.8237	-28533.5011	-22846.9545
EBDR AZ-6	MARGARETVILLE	11109.4711	8272.1924	5560.6544
MARGARETVILLE	EBDR AZ-19	16454.3572	20261.3065	17286.3127

X:	0.0046 fts	W-Test:	0.33
Y:	-0.0022 fts		-0.06
Z:	0.0126 fts		0.52

Easting:	0.0038 fts	W-Test:	0.24
Northing:	0.0071 fts		0.25
Height:	0.0109 fts		0.37

Closing error:	0.0136 fts	(0.1 ppm)	Ratio: (1:6765421)
Length:	92012.8644 fts		

Loop 150

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-20	EBDR AZ-5	-26229.2142	-28353.5565	-22963.1660
EBDR AZ-5	MARGARETVILLE	10526.0854	8325.2854	5792.9713
MARGARETVILLE	EBDR AZ-20	15703.1392	20028.2734	17170.2180

X:	0.0104 fts	W-Test:	0.69
Y:	0.0023 fts		0.06
Z:	0.0233 fts		0.96

Easting:	0.0106 fts	W-Test:	0.62
Northing:	0.0169 fts		0.57
Height:	0.0161 fts		0.53

Closing error:	0.0256 fts	(0.3 ppm)	Ratio: (1:3525256)
Length:	90253.6667 fts		

Loop 151

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-27	EBDR AZ-28	517.2272	146.5174	14.6792
EBDR AZ-28	MARGARETVILLE	-28783.2043	-9527.1117	-1962.5288
MARGARETVILLE	EBDR AZ-27	28265.9809	9380.6091	1947.8432

X:	0.0038 fts	W-Test:	0.23
Y:	0.0148 fts		0.45
Z:	-0.0064 fts		-0.15

Easting:	0.0076 fts	W-Test:	0.42
Northing:	0.0041 fts		0.11
Height:	-0.0141 fts		-0.39

Closing error:	0.0165 fts	(0.3 ppm)	Ratio: (1:3673807)
Length:	60765.7084 fts		

Loop 152

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-10	EBDR AZ-25 OLD	23078.5574	9049.0351	3074.2104
EBDR AZ-25 OLD	MARGARETVILLE	-22888.4748	-8873.7956	-2941.0755

MARGARETVILLE EBDR AZ-10	-190.0738	-175.2144	-133.1642
X:	0.0088 fts	W-Test:	0.47
Y:	0.0251 fts		0.77
Z:	-0.0294 fts		-0.72
Easting:	0.0152 fts	W-Test:	0.75
Northing:	-0.0071 fts		-0.19
Height:	-0.0359 fts		-0.99
Closing error:	0.0396 fts	(0.8 ppm)	Ratio: (1:1262017)
Length:	49993.9026 fts		

Loop 153

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-23	EBDR AZ-24	737.0970	-70.2536	-266.5149
EBDR AZ-24	MARGARETVILLE	-19302.7167	-393.7836	4943.8766
MARGARETVILLE	EBDR AZ-23	18565.6253	464.0362	-4677.3516
X:	0.0055 fts	W-Test:	0.50	
Y:	-0.0010 fts		-0.05	
Z:	0.0101 fts		0.58	
Easting:	0.0051 fts	W-Test:	0.42	
Northing:	0.0059 fts		0.31	
Height:	0.0085 fts		0.45	
Closing error:	0.0115 fts	(0.3 ppm)	Ratio: (1:3455551)	
Length:	39867.9956 fts			

Loop 154

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-21	-170.0837	-482.5427	-465.5169
EBDR AZ-21	MARGARETVILLE	-11947.0555	-38741.1974	-37902.8533
MARGARETVILLE	EBDR AZ-22	12117.1556	39223.6869	38368.3573
X:	0.0164 fts	W-Test:	0.61	
Y:	-0.0532 fts		-0.83	
Z:	-0.0130 fts		-0.25	
Easting:	0.0017 fts	W-Test:	0.05	
Northing:	-0.0470 fts		-0.83	
Height:	0.0325 fts		0.56	
Closing error:	0.0572 fts	(0.5 ppm)	Ratio: (1:1965722)	
Length:	112382.8492 fts			

Loop 155

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-6	EBDR AZ-20	26812.6063	28300.4420	22730.8533
EBDR AZ-20	MARGARETVILLE	-15703.1392	-20028.2734	-17170.2180
MARGARETVILLE	EBDR AZ-6	-11109.4711	-8272.1924	-5560.6544

X:	-0.0039 fts	W-Test:	-0.25
Y:	-0.0238 fts		-0.62
Z:	-0.0190 fts		-0.73
Easting:	-0.0101 fts	W-Test:	-0.56
Northing:	-0.0288 fts		-0.92
Height:	0.0034 fts		0.11
Closing error:	0.0307 fts	(0.3 ppm)	Ratio: (1:2955929)
Length:	90754.1022 fts		

Loop 156

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-2	291.4659	309.0221	310.2609
EBDR AZ-2	MARGARETVILLE	40277.0006	7429.6059	-4172.5198
MARGARETVILLE	EBDR AZ-1	-40568.4668	-7738.6234	3862.2510
X:	-0.0003 fts	W-Test:	-0.02	
Y:	0.0046 fts		0.21	
Z:	-0.0080 fts		-0.41	
Easting:	0.0009 fts	W-Test:	0.06	
Northing:	-0.0029 fts		-0.14	
Height:	-0.0088 fts		-0.42	
Closing error:	0.0093 fts	(0.1 ppm)	Ratio: (1:8976563)	
Length:	83174.6967 fts			

Loop 157





From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-17	EBDR AZ-18	552.4916	297.0136	176.5723
EBDR AZ-18	MARGARETVILLE	-8988.0947	-17759.3515	-16572.5575
MARGARETVILLE	EBDR AZ-17	8435.6019	17462.3299	16395.9967
X:	-0.0012 fts	W-Test:	-0.08	
Y:	-0.0080 fts		-0.44	
Z:	0.0115 fts		0.59	
Easting:	-0.0033 fts	W-Test:	-0.21	
Northing:	0.0035 fts		0.19	
Height:	0.0132 fts		0.71	
Closing error:	0.0141 fts	(0.3 ppm)	Ratio: (1:3686857)	
Length:	51947.3288 fts			

Loop 158



From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-15	EBDR AZ-16 OLD	-133.4851	589.9180	671.8096
EBDR AZ-16 OLD	MARGARETVILLE	-9718.8661	-12430.0439	-10489.8975
MARGARETVILLE	EBDR AZ-15	9852.3526	11840.1248	9818.0873
X:	0.0013 fts	W-Test:	0.10	
Y:	-0.0011 fts		-0.06	

Z:	-0.0005 fts		-0.03
Easting:	0.0010 fts	W-Test:	0.07
Northing:	-0.0013 fts		-0.07
Height:	0.0007 fts		0.04
Closing error:	0.0018 fts	(0.0 ppm)	Ratio: (1:20911485)
Length:	38117.4168 fts		

Loop 159

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-15	50420.8786	19578.7002	5955.9386
EBDR AZ-15	MARGARETVILLE	-9852.3526	-11840.1248	-9818.0873
MARGARETVILLE	EBDR AZ-1	-40568.4668	-7738.6234	3862.2510
X:	0.0592 fts	W-Test:	2.90	
Y:	-0.0480 fts		-1.67	
Z:	0.1022 fts		4.13	
Easting:	0.0444 fts	W-Test:	2.11	
Northing:	0.0342 fts		1.30	
Height:	0.1145 fts		4.29	
Closing error:	0.1275 fts	(1.1 ppm)	Ratio:(1:895625)	
Length:	114161.9683 fts			

Loop 160

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1805	-515.6398	-603.8299	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1686	-515.5926	-603.8691	
EBDR AZ-13 OLD	EBDR AZ-14 OLD	157.1827	-515.5834	-603.8830	
		157.1772	-515.6053	-603.8607	Average
EBDR AZ-14 OLD	MARGARETVILLE	-6305.3280	-2871.0972	-1275.8403	
MARGARETVILLE	EBDR AZ-13 OLD	6148.1417	3386.7313	1879.6690	
X:	-0.0090 fts	W-Test:	-0.95		
Y:	0.0288 fts		1.76		
Z:	-0.0319 fts		-2.19		
Easting:	-0.0011 fts	W-Test:	-0.10		
Northing:	-0.0034 fts		-0.22		
Height:	-0.0438 fts		-2.85		
Closing error:	0.0440 fts	(2.9 ppm)	Ratio:(1:343994)		
Length:	15120.7187 fts				

Loop 161

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-15	EBDR AZ-13 OLD	-3704.2311	-8453.3946	-7938.4515
EBDR AZ-13 OLD	MARGARETVILLE	-6148.1417	-3386.7313	-1879.6690
MARGARETVILLE	EBDR AZ-15	9852.3526	11840.1248	9818.0873
X:	-0.0202 fts	W-Test:	-1.02	
Y:	-0.0012 fts		-0.04	
Z:	-0.0332 fts		-1.11	

Easting:	-0.0198 fts	W-Test:	-0.94
Northing:	-0.0218 fts		-0.69
Height:	-0.0254 fts		-0.80
Closing error:	0.0389 fts	(1.0 ppm)	Ratio:(1:968944)
Length:	37706.4518 fts		

Loop 162

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-11	EBDR AZ-12	-690.9871	-170.9574	44.8508
EBDR AZ-12	MARGARETVILLE	-5110.4750	-902.3184	457.3950
MARGARETVILLE	EBDR AZ-11	5801.4628	1073.2699	-502.2403
X:	0.0006 fts	W-Test:	0.04	
Y:	-0.0059 fts		-0.18	
Z:	0.0055 fts		0.24	
Easting:	-0.0009 fts	W-Test:	-0.05	
Northing:	0.0001 fts		0.01	
Height:	0.0080 fts		0.29	
Closing error:	0.0080 fts	(0.7 ppm)	Ratio:	
Length:	11844.1158 fts		(1:1472937)	

Loop 163



From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-8	546.7967	-328.9669	-543.2905
ASH AZ-8	MARGARETVILLE	-66252.1557	-11542.3391	7622.2885
MARGARETVILLE	ASH AZ-7	65705.3684	11871.3388	-7079.0188
X:	0.0094 fts	W-Test:	0.40	
Y:	0.0328 fts		0.44	
Z:	-0.0209 fts		-0.34	
Easting:	0.0178 fts	W-Test:	0.59	
Northing:	0.0040 fts		0.06	
Height:	-0.0356 fts		-0.53	
Closing error:	0.0400 fts	(0.3 ppm)	Ratio:	
Length:	135662.1484 fts		(1:3393175)	

Loop 164

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-6 OLD	379.9835	-186.2575	-321.3833
ASH AZ-6 OLD	MARGARETVILLE	-45173.0741	-8349.1072	4146.6313
MARGARETVILLE	ASH AZ-5 OLD	44793.0977	8535.3923	-3825.2751
X:	0.0071 fts	W-Test:	0.30	
Y:	0.0276 fts		0.44	
Z:	-0.0270 fts		-0.63	
Easting:	0.0142 fts	W-Test:	0.50	
Northing:	-0.0035 fts		-0.07	

Height: -0.0364 fts -0.68
 Closing error: 0.0393 fts (0.4 ppm) Ratio: (1:2353093)
 Length: 92415.5387 fts


Loop 165


From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-9	FLEISCHMANN'S 2	25373.4254	8841.4678	2244.3451
FLEISCHMANN'S 2	ASH AZ-3	29764.5354	-5148.7270	-14722.2783
ASH AZ-3	MARGARETVILLE	-55276.2352	-3858.1135	12329.3539
MARGARETVILLE	EBDR AZ-9	138.3062	165.2808	148.5965
X:	0.0317 fts	W-Test:	1.00	
Y:	-0.0918 fts		-1.97	
Z:	0.0171 fts		0.50	
Easting:	0.0061 fts	W-Test:	0.18	
Northing:	-0.0524 fts		-1.31	
Height:	0.0834 fts		2.03	
Closing error:	0.0987 fts (0.8 ppm)		Ratio: (1:1191949)	
Length:	117594.2199 fts			

Loop 166

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-28	BOICEVILLE	79525.5595	-15195.5446	-41199.5491
BOICEVILLE	ASH AZ-23	17226.4856	20148.0391	17041.7787
ASH AZ-23	MARGARETVILLE	-125535.2986	-14479.6643	22195.2326
MARGARETVILLE	EBDR AZ-28	28783.2043	9527.1117	1962.5288
X:	-0.0492 fts	W-Test:	-1.12	
Y:	-0.0581 fts		-0.64	
Z:	-0.0090 fts		-0.11	
Easting:	-0.0630 fts	W-Test:	-1.29	
Northing:	-0.0353 fts		-0.42	
Height:	0.0257 fts		0.30	
Closing error:	0.0767 fts (0.3 ppm)		Ratio: (1:3666411)	
Length:	281042.0986 fts			

Loop 167

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-6 OLD	ASH AZ-18	44867.5972	-59.9626	-14400.1446
ASH AZ-18	MARGARETVILLE	-90040.7688	-8289.2248	18546.8629
MARGARETVILLE	ASH AZ-6 OLD	45173.0741	8349.1072	-4146.6313
X:	-0.0975 fts	W-Test:	-2.48	
Y:	-0.0802 fts		-0.94	
Z:	0.0870 fts		1.44	

Easting:	-0.1154 fts	W-Test:	-2.60	
Northing:	0.0302 fts		0.42	
Height:	0.0963 fts		1.30	
Closing error:	0.1533 fts	(0.8 ppm)	Ratio:	
Length:	185550.8275 fts		(1:1210341)	

Loop 168

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-17	45533.4724	218.9202	-14320.9542
ASH AZ-17	MARGARETVILLE	-90326.5774	-8754.3693	18146.2371
MARGARETVILLE	ASH AZ-5 OLD	44793.0977	8535.3923	-3825.2751
X:	-0.0072 fts	W-Test:	-0.17	
Y:	-0.0568 fts		-0.67	
Z:	0.0078 fts		0.12	
Easting:	-0.0221 fts	W-Test:	-0.48	
Northing:	-0.0296 fts		-0.41	
Height:	0.0444 fts		0.60	
Closing error:	0.0578 fts	(0.3 ppm)	Ratio:	
Length:	186038.4723 fts		(1:3219414)	

Loop 169

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878
ASH AZ-16	MARGARETVILLE	-93505.4098	-14193.3653	12957.3513
MARGARETVILLE	ASH AZ-15	92976.8995	13955.6220	-13079.5257
X:	0.0008 fts	W-Test:	0.03	
Y:	-0.0253 fts		-0.49	
Z:	0.0134 fts		0.31	
Easting:	-0.0060 fts	W-Test:	-0.20	
Northing:	-0.0066 fts		-0.14	
Height:	0.0272 fts		0.58	
Closing error:	0.0287 fts	(0.2 ppm)	Ratio:	
Length:	190976.0747 fts		(1:6663624)	

Loop 170

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-13	ASH AZ-14	-723.1497	-399.9929	-244.9148
ASH AZ-14	MARGARETVILLE	-101099.8177	-23186.6758	5259.3897
MARGARETVILLE	ASH AZ-13	101822.9684	23586.6431	-5014.4759
X:	0.0010 fts	W-Test:	0.02	
Y:	-0.0257 fts		-0.38	
Z:	-0.0010 fts		-0.02	
Easting:	-0.0060 fts	W-Test:	-0.13	
Northing:	-0.0175 fts		-0.27	

Height:	0.0178 fts		0.27
Closing error:	0.0257 fts	(0.1 ppm)	Ratio: (1:8148002)
Length:	209359.1361 fts		

Loop 171

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-21	WBDR AZ-22	-292.0188	-381.9176	-318.8523
WBDR AZ-22	DELHI	-3367.0227	-2642.7564	-1560.7225
DELHI	WBDR AZ-21	3659.0419	3024.6737	1879.5744
X:	0.0004 fts	W-Test:	0.06	
Y:	-0.0002 fts		-0.02	
Z:	-0.0004 fts		-0.03	
Easting:	0.0003 fts	W-Test:	0.04	
Northing:	-0.0005 fts		-0.04	
Height:	0.0000 fts		0.00	
Closing error:	0.0006 fts	(0.1 ppm)	Ratio: (1:17300156)	
Length:	10238.7429 fts			

Loop 172

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-15	WBDR AZ-16 OLD	-481.3888	261.5195	406.6574
WBDR AZ-16 OLD	DELHI	9298.7111	18131.3877	17027.2453
DELHI	WBDR AZ-15	-8817.3187	-18392.9036	-17433.9000
X:	0.0035 fts	W-Test:	0.35	
Y:	0.0035 fts		0.25	
Z:	0.0027 fts		0.15	
Easting:	0.0043 fts	W-Test:	0.41	
Northing:	0.0037 fts		0.23	
Height:	-0.0001 fts		0.00	
Closing error:	0.0057 fts	(0.1 ppm)	Ratio: (1:9537958)	
Length:	54069.2865 fts			

Loop 173

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-13	WBDR AZ-14	508.5204	-345.0062	-540.2611
WBDR AZ-14	DELHI	12759.3425	24686.8031	23049.6217
DELHI	WBDR AZ-13	-13267.8638	-24341.7932	-22509.3613
X:	-0.0009 fts	W-Test:	-0.06	
Y:	0.0037 fts		0.15	
Z:	-0.0006 fts		-0.03	
Easting:	0.0001 fts	W-Test:	0.01	
Northing:	0.0021 fts		0.10	

Height:	-0.0032 fts		-0.15
Closing error:	0.0039 fts	(0.1 ppm)	Ratio: (1:18822752)
Length:	72632.9520 fts		

Loop 174

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-11	WBDR AZ-12	-623.2217	755.3892	1013.8073
WBDR AZ-12	DELHI	31996.6236	11507.2821	2967.3042
DELHI	WBDR AZ-11	-31373.4006	-12262.6784	-3981.0860
X:	0.0013 fts	W-Test:	0.07	
Y:	-0.0071 fts		-0.14	
Z:	0.0255 fts		0.57	
Easting:	-0.0006 fts	W-Test:	-0.03	
Northing:	0.0140 fts		0.30	
Height:	0.0224 fts		0.48	
Closing error:	0.0265 fts	(0.4 ppm)	Ratio: (1:2625346)	
Length:	69460.9434 fts			

Loop 175

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-8	20591.2149	-8758.2538	-16704.3736
ROND AZ-8	SUNDOWN	-496.9790	-2001.8776	-2002.8153
SUNDOWN	NEV AZ-1	-20094.2461	10760.1546	18707.1852
X:	-0.0102 fts	W-Test:	-0.32	
Y:	0.0231 fts		0.33	
Z:	-0.0037 fts		-0.11	
Easting:	-0.0037 fts	W-Test:	-0.10	
Northing:	0.0139 fts		0.27	
Height:	-0.0211 fts		-0.38	
Closing error:	0.0256 fts	(0.4 ppm)	Ratio: (1:2357510)	
Length:	60286.4705 fts			

Loop 176

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	ROND AZ-7	20232.3710	-9315.7883	-17185.2467
ROND AZ-7	SUNDOWN	-138.1352	-1444.3159	-1521.9391
SUNDOWN	NEV AZ-1	-20094.2461	10760.1546	18707.1852
X:	-0.0103 fts	W-Test:	-0.34	
Y:	0.0504 fts		0.78	
Z:	-0.0007 fts		-0.02	
Easting:	0.0035 fts	W-Test:	0.10	
Northing:	0.0337 fts		0.70	
Height:	-0.0387 fts		-0.75	

Closing error: 0.0515 fts (0.9 ppm) Ratio:
(1:1159731)
Length: 59723.3130 fts

Loop 177

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-5	ROND AZ-6	30.3282	-481.2100	-511.9155
ROND AZ-6	SUNDOWN	7593.3040	4439.1723	2419.3247
SUNDOWN	ROND AZ-5	-7623.6353	-3957.9499	-1907.4128

X: -0.0031 fts W-Test: -0.30
Y: 0.0124 fts 0.54
Z: -0.0037 fts -0.23

Easting: 0.0003 fts W-Test: 0.02
Northing: 0.0058 fts 0.30
Height: -0.0120 fts -0.60

Closing error: 0.0133 fts (0.7 ppm) Ratio:
(1:1398404)
Length: 18624.6636 fts

Loop 178

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-1	ROND AZ-4	-27626.6539	-15224.2526	-7919.8185
ROND AZ-4	SUNDOWN	17000.9092	3410.2055	-1811.6465
SUNDOWN	ROND AZ-1	10625.7439	11814.0491	9731.4608

X: -0.0007 fts W-Test: -0.04
Y: 0.0020 fts 0.06
Z: -0.0042 fts -0.12

Easting: -0.0001 fts W-Test: -0.01
Northing: -0.0017 fts -0.05
Height: -0.0044 fts -0.14

Closing error: 0.0047 fts (0.1 ppm) Ratio:
(1:14495192)
Length: 68589.5137 fts

Loop 179

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-3	-700.6821	-250.1056	-38.6496
ROND AZ-3	SUNDOWN	17701.5893	3660.3112	-1773.0000
SUNDOWN	ROND AZ-4	-17000.9092	-3410.2055	1811.6465

X: -0.0020 fts W-Test: -0.12
Y: 0.0000 fts 0.00
Z: -0.0031 fts -0.10

Easting: -0.0020 fts W-Test: -0.11
Northing: -0.0019 fts -0.07
Height: -0.0025 fts -0.09

Closing error: 0.0037 fts (0.1 ppm) Ratio:
(1:9887428)

Length: 36341.7408 fts

Loop 180

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-2	28192.0984	15191.8081	7747.5436
ROND AZ-2	SUNDOWN	-11191.1862	-11781.6097	-9559.1822
SUNDOWN	ROND AZ-4	-17000.9092	-3410.2055	1811.6465

X:	0.0030 fts	W-Test:	0.17
Y:	-0.0071 fts		-0.23
Z:	0.0079 fts		0.23

Easting:	0.0010 fts	W-Test:	0.05
Northing:	0.0008 fts		0.02
Height:	0.0110 fts		0.34

Closing error:	0.0110 fts	(0.2 ppm)	Ratio: (1:6280644)
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Length: 69235.3108 fts

Loop 181

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-4	-8083.1018	17738.8536	22616.1706
NEV AZ-4	SUNDOWN	15676.4028	-13299.6917	-20196.8333
SUNDOWN	ROND AZ-6	-7593.3040	-4439.1723	-2419.3247

X:	-0.0030 fts	W-Test:	-0.16
Y:	-0.0104 fts		-0.25
Z:	0.0126 fts		0.40

Easting:	-0.0057 fts	W-Test:	-0.27
Northing:	0.0033 fts		0.09
Height:	0.0153 fts		0.41

Closing error:	0.0166 fts	(0.2 ppm)	Ratio: (1:4085312)
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Length: 67799.4295 fts

Loop 182

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
NEV AZ-3	SUNDOWN	15044.0108	-13599.8805	-20343.0496
SUNDOWN	ROND AZ-6	-7593.3040	-4439.1723	-2419.3247

X:	-0.0100 fts	W-Test:	-0.51
Y:	0.0105 fts		0.21
Z:	-0.0032 fts		-0.09

Easting:	-0.0068 fts	W-Test:	-0.29
Northing:	0.0061 fts		0.14
Height:	-0.0117 fts		-0.26



Closing error:	0.0148 fts	(0.2 ppm)	Ratio: (1:4574771)
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Length: 67831.3543 fts

Loop 183

From	To	dX[fts]	dY[fts]	dZ[fts]
NEV AZ-1	NEV AZ-2	619.6542	-270.5403	-493.4223
NEV AZ-2	SUNDOWN	19474.5806	-10489.5834	-18213.7610
SUNDOWN	NEV AZ-1	-20094.2461	10760.1546	18707.1852
X:	-0.0113 fts	W-Test:	-0.36	
Y:	0.0308 fts		0.53	
Z:	0.0019 fts		0.06	
Easting:	-0.0027 fts	W-Test:	-0.08	
Northing:	0.0233 fts		0.51	
Height:	-0.0231 fts		-0.48	
Closing error:	0.0329 fts	(0.6 ppm)	Ratio:	
Length:	58978.2851 fts		(1:1791835)	

Loop 184

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-15	EBDR AZ-2	-50129.4203	-19269.6650	-5645.6656
EBDR AZ-2	EBDR AZ-16 OLD	49995.9222	19859.6361	6317.3954
EBDR AZ-16 OLD	EBDR AZ-15	133.4851	-589.9180	-671.8096
X:	-0.0130 fts	W-Test:	-0.45	
Y:	0.0531 fts		1.33	
Z:	-0.0799 fts		-2.23	
Easting:	0.0015 fts	W-Test:	0.05	
Northing:	-0.0225 fts		-0.60	
Height:	-0.0942 fts		-2.50	
Closing error:	0.0968 fts	(0.9 ppm)	Ratio:	
Length:	109070.9241 fts		(1:1126577)	

Loop 185

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-8	WALTON	-1481.8807	-10083.0833	-10534.1871
WALTON	WBDR AZ-9	4695.5417	4118.0975	3166.2274
WBDR AZ-9	NYON	-16282.8104	62107.1714	70284.2594
NYON	WBDR AZ-8	13069.1663	-56142.2025	-62916.2820
X:	0.0169 fts	W-Test:	0.82	
Y:	-0.0169 fts		-0.45	
Z:	0.0176 fts		0.63	
Easting:	0.0120 fts	W-Test:	0.54	
Northing:	-0.0009 fts		-0.03	
Height:	0.0272 fts		0.82	
Closing error:	0.0297 fts	(0.1 ppm)	Ratio:	
Length:	202185.6300 fts		(1:6801067)	

Loop 186

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-7	WBDR AZ-8	163.5264	701.4030	737.1971
WBDR AZ-8	NYON	-13069.1663	56142.2025	62916.2820
NYON	WBDR AZ-7	12905.6353	-56843.5826	-63653.5059
X:	-0.0046 fts	W-Test:	-0.21	
Y:	0.0229 fts		0.72	
Z:	-0.0267 fts		-1.03	
Easting:	0.0014 fts	W-Test:	0.06	
Northing:	-0.0041 fts		-0.14	
Height:	-0.0352 fts		-1.22	
Closing error:	0.0355 fts	(0.2 ppm)	Ratio:	
Length:	172671.1978 fts		(1:4868311)	



Loop 187

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-5	WBDR AZ-6	-684.2432	400.0415	581.6136
WBDR AZ-6	NYON	-3610.3601	61380.7327	65580.8978
NYON	WBDR AZ-5	4294.5871	-61780.8103	-66162.5078
X:	-0.0162 fts	W-Test:	-0.43	
Y:	-0.0361 fts		-0.69	
Z:	0.0036 fts		0.09	
Easting:	-0.0249 fts	W-Test:	-0.65	
Northing:	-0.0181 fts		-0.39	
Height:	0.0252 fts		0.53	
Closing error:	0.0398 fts	(0.2 ppm)	Ratio:	
Length:	181504.6171 fts		(1:4565353)	




Loop 188

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-3	WBDR AZ-4	190.0251	387.8707	356.1398
WBDR AZ-4	NYON	-11363.0212	65442.1254	72549.4174
NYON	WBDR AZ-3	11172.9905	-65830.0005	-72905.5545
X:	-0.0056 fts	W-Test:	-0.37	
Y:	-0.0044 fts		-0.13	
Z:	0.0028 fts		0.08	
Easting:	-0.0066 fts	W-Test:	-0.38	
Northing:	0.0002 fts		0.01	
Height:	0.0039 fts		0.11	
Closing error:	0.0076 fts	(0.0 ppm)	Ratio:	
Length:	197784.1911 fts		(1:25896064)	



Loop 189

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-30	SOUTH KORTRIGHT	-19430.4147	-20815.8065	-16749.7441	
SOUTH KORTRIGHT	WBDR AZ-28	10717.7675	10262.9217	7919.0576	
WBDR AZ-28	NYON	-119753.0932	-14398.5606	18178.8474	
NYON	WBDR AZ-30	128465.6693	24951.4608	-9348.1620	
NYON	WBDR AZ-30	128465.7213	24951.4581	-9348.1561	
		128465.6953	24951.4594	-9348.1590	Average
X:	-0.0451 fts	W-Test:	-3.10		
Y:	0.0140 fts		0.52		
Z:	0.0019 fts		0.08		
Easting:	-0.0399 fts	W-Test:	-2.54		
Northing:	0.0185 fts		0.73		
Height:	-0.0175 fts		-0.68		
Closing error:	0.0473 fts	(0.2 ppm)	Ratio:		
Length:	303033.8263 fts		(1:6405417)		

Loop 190

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-25	WBDR AZ-26	701.0999	76.9885	-121.7912	
WBDR AZ-26	NYON	-108491.8553	-4420.5966	25649.1973	
NYON	WBDR AZ-25	107790.7108	4343.6638	-25527.4902	
X:	-0.0445 fts	W-Test:	-2.01		
Y:	0.0556 fts		1.57		
Z:	-0.0840 fts		-2.11		
Easting:	-0.0284 fts	W-Test:	-1.22		
Northing:	-0.0181 fts		-0.48		
Height:	-0.1049 fts		-2.83		
Closing error:	0.1101 fts	(0.5 ppm)	Ratio:		
Length:	223143.3097 fts		(1:2026118)		

Loop 191

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-23	WBDR AZ-24	872.0955	432.2710	235.7064	
WBDR AZ-24	NYON	-83246.4928	8931.7898	32637.8072	
NYON	WBDR AZ-23	82374.4511	-9364.0889	-32873.4931	
NYON	WBDR AZ-23	82374.4178	-9364.0686	-32873.5044	
		82374.4345	-9364.0788	-32873.4988	Average
X:	0.0371 fts	W-Test:	2.91		
Y:	-0.0179 fts		-0.75		
Z:	0.0148 fts		0.55		
Easting:	0.0312 fts	W-Test:	2.26		
Northing:	-0.0072 fts		-0.28		
Height:	0.0299 fts		1.19		

Closing error: 0.0438 fts (0.2 ppm) Ratio:
(1:4110939)
Length: 180047.0268 fts

Loop 192

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-21	WBDR AZ-22	-292.0188	-381.9176	-318.8523
WBDR AZ-22	NYON	-62446.3894	24646.4744	43437.0787
NYON	WBDR AZ-21	62738.3951	-24264.5521	-43118.2250

X: -0.0131 fts W-Test: -0.99
Y: 0.0048 fts 0.17
Z: 0.0014 fts 0.05

Easting: -0.0114 fts W-Test: -0.77
Northing: 0.0064 fts 0.23
Height: -0.0050 fts -0.17

Closing error: 0.0140 fts (0.1 ppm) Ratio:
(1:11429260)
Length: 160438.2946 fts

Loop 193

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-19 OLD	WBDR AZ-20	356.1695	-643.9353	-812.9485	
WBDR AZ-19 OLD	WBDR AZ-20	356.0874	-643.8989	-812.9845	
		356.1285	-643.9171	-812.9665	Average
WBDR AZ-20	NYON	-60569.6629	27157.5683	45576.0141	
NYON	WBDR AZ-19 OLD	60213.5160	-26513.6255	-44763.0657	

X: -0.0185 fts W-Test: -0.68
Y: 0.0257 fts 0.48
Z: -0.0181 fts -0.53

Easting: -0.0112 fts W-Test: -0.38
Northing: 0.0065 fts 0.15
Height: -0.0340 fts -0.76

Closing error: 0.0364 fts (0.2 ppm) Ratio:
(1:4422400)
Length: 161192.2335 fts

Loop 194

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-1	WBDR AZ-2	869.4301	505.8489	270.9147
WBDR AZ-2	NYON	-5245.2940	70715.1670	76466.8679
NYON	WBDR AZ-1	4375.8747	-71221.0213	-76737.7519

X: 0.0108 fts W-Test: 0.60
Y: -0.0054 fts -0.18
Z: 0.0308 fts 1.01

Easting: 0.0090 fts W-Test: 0.48

Northing:	0.0174 fts		0.58
Height:	0.0266 fts		0.89
Closing error:	0.0331 fts	(0.2 ppm)	Ratio: (1:6355609)
Length:	210113.3307 fts		

Loop 195

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-17	WBDR AZ-18	-408.7636	-422.2606	-358.7611
WBDR AZ-18	NYON	-95273.6926	20727.0330	48307.9368
NYON	WBDR AZ-17	95682.4711	-20304.7634	-47949.1511
X:	0.0149 fts	W-Test:	0.68	
Y:	0.0090 fts		0.26	
Z:	0.0246 fts		0.83	
Easting:	0.0167 fts	W-Test:	0.73	
Northing:	0.0214 fts		0.68	
Height:	0.0130 fts		0.41	
Closing error:	0.0301 fts	(0.1 ppm)	Ratio: (1:7256456)	
Length:	218435.5395 fts			

Loop 196

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-15	WBDR AZ-16 OLD	-481.3888	261.5195	406.6574
WBDR AZ-16 OLD	NYON	-49780.6792	45420.6151	62025.0187
NYON	WBDR AZ-15	50262.0501	-45682.1635	-62431.6580
X:	-0.0179 fts	W-Test:	-1.22	
Y:	-0.0289 fts		-1.39	
Z:	0.0181 fts		0.71	
Easting:	-0.0248 fts	W-Test:	-1.64	
Northing:	-0.0023 fts		-0.10	
Height:	0.0294 fts		1.29	
Closing error:	0.0385 fts	(0.2 ppm)	Ratio: (1:4789508)	
Length:	184523.9155 fts			

Loop 197

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-13	WBDR AZ-14	508.5204	-345.0062	-540.2611
WBDR AZ-14	NYON	-46320.0470	51976.0402	68047.3975
NYON	WBDR AZ-13	45811.5193	-51631.0543	-67507.1433
X:	-0.0072 fts	W-Test:	-0.48	
Y:	-0.0203 fts		-0.84	
Z:	-0.0069 fts		-0.35	
Easting:	-0.0122 fts	W-Test:	-0.78	

Northing:	-0.0171 fts		-0.78
Height:	0.0085 fts		0.38
Closing error:	0.0227 fts	(0.1 ppm)	Ratio: (1:8589304)
Length:	194719.5287 fts		

Loop 198

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-11	WBDR AZ-12	-623.2217	755.3892	1013.8073
WBDR AZ-12	NYON	-27082.7450	38796.5769	47965.0542
NYON	WBDR AZ-11	27705.9401	-39551.9805	-48978.8878
X:	-0.0266 fts	W-Test:	-0.87	
Y:	-0.0144 fts		-0.19	
Z:	-0.0264 fts		-0.38	
Easting:	-0.0294 fts	W-Test:	-0.82	
Northing:	-0.0242 fts		-0.34	
Height:	-0.0126 fts		-0.17	
Closing error:	0.0401 fts	(0.3 ppm)	Ratio: (1:3430460)	
Length:	137565.4530 fts			

Loop 199

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-8	-24853.1191	-42583.9672	-38119.7431
EBDR AZ-8	NYON	-127832.1343	39589.5182	78187.3299
NYON	EBDR AZ-22	152685.2549	2994.4754	-40067.5916
X:	0.0016 fts	W-Test:	0.06	
Y:	0.0264 fts		0.40	
Z:	-0.0048 fts		-0.10	
Easting:	0.0084 fts	W-Test:	0.27	
Northing:	0.0133 fts		0.24	
Height:	-0.0218 fts		-0.38	
Closing error:	0.0269 fts	(0.1 ppm)	Ratio: (1:13970319)	
Length:	375195.8069 fts			

Loop 200

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-7 OLD	-25139.8224	-42974.3115	-38474.3979
EBDR AZ-7 OLD	NYON	-127545.4058	39979.7508	78542.0104
NYON	EBDR AZ-22	152685.2549	2994.4754	-40067.5916
X:	0.0267 fts	W-Test:	0.45	
Y:	-0.0852 fts		-0.69	
Z:	0.0210 fts		0.26	
Easting:	0.0034 fts	W-Test:	0.05	
Northing:	-0.0445 fts		-0.44	
Height:	0.0801 fts		0.77	

Closing error: 0.0917 fts (0.2 ppm) Ratio:
(1:4097906)
Length: 375837.0681 fts

Loop 201

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-5	EBDR AZ-6	-583.3859	53.0973	232.3152
EBDR AZ-6	NYON	-129458.6056	44501.3397	83996.6547
NYON	EBDR AZ-5	130041.9966	-44554.4535	-84228.9754

X: 0.0051 fts W-Test: 0.36
Y: -0.0165 fts -0.48
Z: -0.0055 fts -0.21

Easting: 0.0007 fts W-Test: 0.04
Northing: -0.0157 fts -0.54
Height: 0.0091 fts 0.30

Closing error: 0.0181 fts (0.1 ppm) Ratio:
(1:17777992)
Length: 322455.2718 fts

Loop 202

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-17	EBDR AZ-3	-48069.4606	-19103.9654	-6209.4273
EBDR AZ-3	NYON	-100934.2396	37870.8300	68249.4548
NYON	EBDR AZ-17	149003.6956	-18766.8672	-62040.0196

X: -0.0046 fts W-Test: -0.14
Y: -0.0027 fts -0.07
Z: 0.0080 fts 0.19

Easting: -0.0051 fts W-Test: -0.15
Northing: 0.0050 fts 0.12
Height: 0.0064 fts 0.16

Closing error: 0.0096 fts (0.0 ppm) Ratio:
(1:35687147)
Length: 342181.4500 fts

Loop 203

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-22	EBDR AZ-21	-170.0837	-482.5427	-465.5169
EBDR AZ-21	NYON	-152515.1544	-2511.9989	40533.0979
NYON	EBDR AZ-22	152685.2549	2994.4754	-40067.5916

X: 0.0168 fts W-Test: 0.76
Y: -0.0662 fts -1.25
Z: -0.0106 fts -0.25

Easting: -0.0012 fts W-Test: -0.05
Northing: -0.0538 fts -1.16
Height: 0.0433 fts 0.91

Closing error: 0.0691 fts (0.2 ppm) Ratio:

(1:4580818)

Length: 316404.5012 fts

Loop 204

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-2	291.4659	309.0221	310.2609
EBDR AZ-2	NYON	-100291.0763	43658.7692	74263.4847
NYON	EBDR AZ-1	99999.6190	-43967.8077	-74573.7524

X:	0.0087 fts	W-Test:	0.53
Y:	-0.0164 fts		-0.73
Z:	-0.0068 fts		-0.33

Easting:	0.0041 fts	W-Test:	0.25
Northing:	-0.0172 fts		-0.81
Height:	0.0088 fts		0.41

Closing error:	0.0197 fts	(0.1 ppm)	Ratio:
			(1:13424499)

Length: 265002.0722 fts

Loop 205

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-7	ROND AZ-8	358.8457	557.5605	480.8754
ROND AZ-8	NYKT	120242.7288	53674.4684	20268.8949
NYKT	ROND AZ-7	-120601.5939	-54232.0303	-20749.8003

X:	-0.0194 fts	W-Test:	-0.74
Y:	-0.0015 fts		-0.04
Z:	-0.0301 fts		-1.14

Easting:	-0.0190 fts	W-Test:	-0.70
Northing:	-0.0199 fts		-0.63
Height:	-0.0229 fts		-0.71

Closing error:	0.0358 fts	(0.1 ppm)	Ratio:
			(1:7481013)

Length: 267900.7425 fts

Loop 206

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-5	ROND AZ-6	30.3282	-481.2100	-511.9155
ROND AZ-6	NYKT	128333.0353	60115.5013	24691.0279
NYKT	ROND AZ-5	-128363.3547	-59634.2697	-24179.1260

X:	0.0088 fts	W-Test:	0.37
Y:	0.0216 fts		0.41
Z:	-0.0137 fts		-0.38

Easting:	0.0143 fts	W-Test:	0.53
Northing:	0.0021 fts		0.05
Height:	-0.0229 fts		-0.51

Closing error:	0.0271 fts	(0.1 ppm)	Ratio:
			(1:10651880)

Length: 288143.2520 fts


Loop 207

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-1	ROND AZ-4	-27626.6539	-15224.2526	-7919.8185
ROND AZ-4	NYKT	137740.5983	59086.5894	20460.0355
NYKT	ROND AZ-1	-110113.9370	-43862.3253	-12540.1992
X:	0.0073 fts	W-Test:	0.27	
Y:	0.0115 fts		0.25	
Z:	0.0177 fts		0.35	
Easting:	0.0102 fts	W-Test:	0.36	
Northing:	0.0193 fts		0.40	
Height:	0.0051 fts		0.11	
Closing error:	0.0224 fts	(0.1 ppm)	Ratio:	
Length:	302981.7436 fts		(1:13534581)	

Loop 208

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-4	ROND AZ-2	28192.0984	15191.8081	7747.5436
ROND AZ-2	NYKT	109548.4989	43894.7618	12712.4846
NYKT	ROND AZ-4	-137740.5983	-59086.5894	-20460.0355
X:	-0.0009 fts	W-Test:	-0.04	
Y:	-0.0195 fts		-0.43	
Z:	-0.0073 fts		-0.14	
Easting:	-0.0062 fts	W-Test:	-0.22	
Northing:	-0.0178 fts		-0.37	
Height:	0.0089 fts		0.19	
Closing error:	0.0209 fts	(0.1 ppm)	Ratio:	
Length:	302915.6615 fts		(1:14521823)	

Loop 209

From	To	dX[fts]	dY[fts]	dZ[fts]
ROND AZ-6	NEV AZ-3	-7450.7167	18039.0633	22762.3711
NEV AZ-3	NYKT	135783.6823	42076.5451	1928.6600
NYKT	ROND AZ-6	-128333.0353	-60115.5013	-24691.0279
X:	-0.0697 fts	W-Test:	-2.35	
Y:	0.1071 fts		1.50	
Z:	0.0032 fts		0.06	
Easting:	-0.0383 fts	W-Test:	-1.11	
Northing:	0.0838 fts		1.36	
Height:	-0.0886 fts		-1.41	
Closing error:	0.1278 fts	(0.4 ppm)	Ratio:	
Length:	316001.0093 fts		(1:2472089)	



Loop 210

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-27	EBDR AZ-28	517.2272	146.5174	14.6792
EBDR AZ-28	NYKT	145553.2615	-13468.3308	-60036.1391
NYKT	EBDR AZ-27	-146070.5227	13321.8506	60021.4135
X:	-0.0341 fts	W-Test:	-1.49	
Y:	0.0371 fts		0.81	
Z:	-0.0464 fts		-0.80	
Easting:	-0.0228 fts	W-Test:	-0.90	
Northing:	-0.0044 fts		-0.08	
Height:	-0.0644 fts		-1.26	
Closing error:	0.0685 fts	(0.2 ppm)	Ratio:	
Length:	317043.7670 fts		(1:4630009)	

Loop 211

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-28	FLEISCHMANN'S 2	-3271.5207	-520.3601	430.3998
FLEISCHMANN'S 2	EBDR AZ-25 OLD	-2623.2524	-132.9405	548.1292
EBDR AZ-25 OLD	NYKT	151448.0731	-12815.1043	-61014.5977
NYKT	EBDR AZ-28	-145553.2615	13468.3308	60036.1391
X:	0.0385 fts	W-Test:	1.18	
Y:	-0.0740 fts		-1.24	
Z:	0.0705 fts		0.96	
Easting:	0.0172 fts	W-Test:	0.49	
Northing:	-0.0025 fts		-0.04	
Height:	0.1078 fts		1.65	
Closing error:	0.1092 fts	(0.3 ppm)	Ratio:	
Length:	327826.2747 fts		(1:3001734)	

Loop 212

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-28	FLEISCHMANN'S 2	-3271.5207	-520.3601	430.3998
FLEISCHMANN'S 2	EBDR AZ-24	-6208.9715	-8612.9945	-7336.8247
EBDR AZ-24	NYKT	155033.7910	-4335.0392	-53129.6027
NYKT	EBDR AZ-28	-145553.2615	13468.3308	60036.1391
X:	0.0374 fts	W-Test:	1.66	
Y:	-0.0630 fts		-1.42	
Z:	0.1115 fts		2.37	
Easting:	0.0191 fts	W-Test:	0.77	
Northing:	0.0353 fts		0.78	
Height:	0.1272 fts		2.83	

Closing error: 0.1334 fts (0.4 ppm) Ratio:
(1:2535795)
Length: 338212.2790 fts

Loop 213

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-8	546.7967	-328.9669	-543.2905
ASH AZ-8	NYKT	108084.3696	-15483.6069	-50451.1972
NYKT	ASH AZ-7	-108631.1570	15812.6111	50994.4679

X: 0.0092 fts W-Test: 0.52
Y: 0.0373 fts 0.68
Z: -0.0198 fts -0.44

Easting: 0.0190 fts W-Test: 0.84
Northing: 0.0076 fts 0.16
Height: -0.0381 fts -0.77

Closing error: 0.0433 fts (0.2 ppm) Ratio:
(1:5599034)
Length: 242160.3026 fts

Loop 214

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-17	ASH AZ-5 OLD	-45533.4724	-218.9202	14320.9542
ASH AZ-5 OLD	NYKT	129543.3701	-12476.7061	-54248.2282
NYKT	ASH AZ-17	-84009.9630	12695.6262	39927.2845

X: -0.0653 fts W-Test: -1.67
Y: -0.0001 fts 0.00
Z: 0.0105 fts 0.17

Easting: -0.0629 fts W-Test: -1.44
Northing: 0.0196 fts 0.28
Height: -0.0060 fts -0.08

Closing error: 0.0661 fts (0.2 ppm) Ratio:
(1:4275056)
Length: 282607.2862 fts

Loop 215

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-3	ASH AZ-4	516.5790	13.9328	-143.6715
ASH AZ-4	NYKT	118543.7372	-7813.3245	-45600.5262
NYKT	ASH AZ-3	-119060.3075	7799.3320	45744.2075

X: 0.0087 fts W-Test: 0.19
Y: -0.0597 fts -0.98
Z: 0.0098 fts 0.15

Easting: -0.0077 fts W-Test: -0.16
Northing: -0.0328 fts -0.52
Height: 0.0510 fts 0.82

Closing error: 0.0612 fts (0.2 ppm) Ratio:
(1:4178364)

Length: 255572.2513 fts



Loop 216

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0831	-468.8595	-555.7937	
ASH AZ-29 OLD	ASH AZ-30 OLD	167.0695	-468.8247	-555.8019	
		167.0763	-468.8421	-555.7978	Average
ASH AZ-30 OLD	NYKT	66435.2817	10950.5920	-9084.9966	
NYKT	ASH AZ-29 OLD	-66602.3849	-10481.8206	9640.7730	
X:	-0.0269 fts	W-Test:	-0.90		
Y:	-0.0707 fts		-0.87		
Z:	-0.0213 fts		-0.37		
Easting:	-0.0451 fts	W-Test:	-1.24		
Northing:	-0.0564 fts		-0.84		
Height:	0.0309 fts		0.44		
Closing error:	0.0786 fts	(0.6 ppm)	Ratio:		
			(1:1741010)		
Length:	136795.8983 fts				

Loop 217

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-28	-7145.4629	-18518.5809	-18234.9156	
ASH AZ-28	NYKT	66330.5499	1227.4157	-19487.4576	
NYKT	ASH AZ-21 OLD	-59185.0744	17291.1130	37722.3613	
X:	0.0126 fts	W-Test:	0.45		
Y:	-0.0521 fts		-0.92		
Z:	-0.0118 fts		-0.25		
Easting:	-0.0021 fts	W-Test:	-0.07		
Northing:	-0.0446 fts		-0.88		
Height:	0.0319 fts		0.62		
Closing error:	0.0549 fts	(0.3 ppm)	Ratio:		
			(1:3066510)		
Length:	168381.6496 fts				

Loop 218

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-26 OLD	ASH AZ-27	4386.1325	-6068.5532	-7897.1625	
ASH AZ-27	NYKT	66018.2719	1714.2272	-18846.6636	
NYKT	ASH AZ-26 OLD	-70404.4222	4354.3754	26743.7365	
X:	-0.0178 fts	W-Test:	-1.00		
Y:	0.0494 fts		1.62		
Z:	-0.0896 fts		-2.58		
Easting:	-0.0036 fts	W-Test:	-0.19		
Northing:	-0.0316 fts		-0.97		
Height:	-0.0989 fts		-3.08		
Closing error:	0.1039 fts	(0.7 ppm)	Ratio:		
			(1:1492140)		

Length: 154998.2334 fts

Loop 219

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
ASH AZ-26 OLD	NYKT	70404.4222	-4354.3754	-26743.7365	
NYKT	ASH AZ-25 OLD	-70134.0289	4092.7077	26380.3264	
X:	0.0083 fts	W-Test:	0.52		
Y:	0.0229 fts		0.88		
Z:	0.0123 fts		0.39		
Easting:	0.0142 fts	W-Test:	0.85		
Northing:	0.0224 fts		0.78		
Height:	-0.0064 fts		-0.23		
Closing error:	0.0273 fts	(0.2 ppm)	Ratio:		
			(1:5540693)		
Length:	151004.6669 fts				

Loop 220

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-28	ASH AZ-25 OLD	-3803.4682	5320.1049	6892.8798	
ASH AZ-25 OLD	NYKT	70134.0289	-4092.7077	-26380.3264	
NYKT	ASH AZ-28	-66330.5499	-1227.4157	19487.4576	
X:	0.0108 fts	W-Test:	0.72		
Y:	-0.0186 fts		-0.73		
Z:	0.0109 fts		0.36		
Easting:	0.0054 fts	W-Test:	0.33		
Northing:	-0.0058 fts		-0.21		
Height:	0.0228 fts		0.83		
Closing error:	0.0241 fts	(0.2 ppm)	Ratio:		
			(1:6372383)		
Length:	153689.5243 fts				

Loop 221

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-23	ASH AZ-24	-955.6092	-76.4356	225.7253	
ASH AZ-24	NYKT	49756.8295	-18344.5599	-36104.0263	
NYKT	ASH AZ-23	-48801.2356	18420.9693	35878.3115	
X:	-0.0153 fts	W-Test:	-0.40		
Y:	-0.0262 fts		-0.34		
Z:	0.0105 fts		0.14		
Easting:	-0.0219 fts	W-Test:	-0.52		
Northing:	-0.0063 fts		-0.08		
Height:	0.0226 fts		0.30		
Closing error:	0.0321 fts	(0.2 ppm)	Ratio:		
			(1:4006072)		

Length: 128449.0306 fts

Loop 222

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526	-588.5524	-566.6078	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1242	-588.5674	-566.5810	
		-275.1384	-588.5599	-566.5944	Average
ASH AZ-22 OLD	NYKT	59460.2275	-16702.5586	-37155.7917	
NYKT	ASH AZ-21 OLD	-59185.0744	17291.1130	37722.3613	
X:	0.0147 fts	W-Test:	0.59		
Y:	-0.0054 fts		-0.10		
Z:	-0.0247 fts		-0.61		
Easting:	0.0127 fts	W-Test:	0.45		
Northing:	-0.0245 fts		-0.54		
Height:	-0.0097 fts		-0.21		
Closing error:	0.0293 fts	(0.2 ppm)	Ratio:		
			(1:4962913)		
Length:	145221.7265 fts				

Loop 223

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-7	ASH AZ-20	27709.7776	-6407.8157	-15594.0199	
ASH AZ-20	NYKT	80921.3665	-9404.7796	-35400.5173	
NYKT	ASH AZ-7	-108631.1570	15812.6111	50994.4679	
X:	-0.0129 fts	W-Test:	-0.67		
Y:	0.0158 fts		0.28		
Z:	-0.0692 fts		-1.48		
Easting:	-0.0082 fts	W-Test:	-0.34		
Northing:	-0.0389 fts		-0.77		
Height:	-0.0602 fts		-1.17		
Closing error:	0.0722 fts	(0.3 ppm)	Ratio:		
			(1:3357745)		
Length:	242302.8973 fts				

Loop 224

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-1	ASH AZ-2	-430.4536	271.4946	391.5790	
ASH AZ-1	ASH AZ-2	-430.4499	271.5290	391.5580	
		-430.4517	271.5118	391.5685	Average
ASH AZ-2	NYKT	115941.4221	5951.2728	-30651.4392	
NYKT	ASH AZ-1	-115510.9644	-6222.7853	30259.8710	
X:	0.0059 fts	W-Test:	0.20		
Y:	-0.0007 fts		-0.01		
Z:	0.0003 fts		0.01		
Easting:	0.0055 fts	W-Test:	0.18		
Northing:	-0.0013 fts		-0.02		
Height:	0.0019 fts		0.04		

Closing error: 0.0059 fts (0.0 ppm) Ratio:
(1:40405969)
Length: 240285.1235 fts

Loop 225

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-7	ASH AZ-19	27734.0207	-6030.5600	-15195.3072
ASH AZ-19	NYKT	80897.1458	-9782.0475	-35799.2192
NYKT	ASH AZ-7	-108631.1570	15812.6111	50994.4679

X: 0.0096 fts W-Test: 0.51
Y: 0.0035 fts 0.06
Z: -0.0585 fts -1.31

Easting: 0.0102 fts W-Test: 0.44
Northing: -0.0429 fts -0.88
Height: -0.0397 fts -0.80

Closing error: 0.0594 fts (0.2 ppm) Ratio:
(1:4080947)
Length: 242239.4425 fts

Loop 226

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-17	ASH AZ-18	-285.8063	-465.1768	-400.6132
ASH AZ-18	NYKT	84295.7735	-12230.4459	-39526.7098
NYKT	ASH AZ-17	-84009.9630	12695.6262	39927.2845

X: 0.0042 fts W-Test: 0.12
Y: 0.0035 fts 0.06
Z: -0.0385 fts -0.93

Easting: 0.0050 fts W-Test: 0.13
Northing: -0.0271 fts -0.54
Height: -0.0275 fts -0.53

Closing error: 0.0389 fts (0.2 ppm) Ratio:
(1:4842675)
Length: 188457.6985 fts

Loop 227

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878
ASH AZ-16	NYKT	80831.0898	-18134.6652	-45116.1762
NYKT	ASH AZ-15	-81359.5994	17896.9267	44994.0101

X: 0.0015 fts W-Test: 0.07
Y: -0.0204 fts -0.50
Z: 0.0218 fts 0.63

Easting: -0.0041 fts W-Test: -0.16
Northing: 0.0027 fts 0.07
Height: 0.0295 fts 0.78

Closing error: 0.0299 fts (0.2 ppm) Ratio:
(1:6343266)

Length: 189600.6372 fts

Loop 228

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-10	ASH AZ-14	40708.0829	5643.5678	-6298.3494
ASH AZ-14	NYKT	73236.7381	-27127.8982	-52814.1711
NYKT	ASH AZ-10	-113944.8326	21484.3271	59112.4682

X:	-0.0116 fts	W-Test:	-0.27
Y:	-0.0033 fts		-0.04
Z:	-0.0523 fts		-0.65

Easting:	-0.0121 fts	W-Test:	-0.26
Northing:	-0.0389 fts		-0.49
Height:	-0.0350 fts		-0.44

Closing error:	0.0537 fts	(0.2 ppm)	Ratio: (1:4953688)
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Length: 266009.1045 fts

Loop 229

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-14	ASH AZ-13	723.1497	399.9929	244.9148
ASH AZ-13	NYKT	72513.5483	-27527.8567	-53059.0877
NYKT	ASH AZ-14	-73236.7381	27127.8982	52814.1711

X:	-0.0401 fts	W-Test:	-1.49
Y:	0.0345 fts		0.77
Z:	-0.0018 fts		-0.04

Easting:	-0.0292 fts	W-Test:	-1.02
Northing:	0.0282 fts		0.60
Height:	-0.0339 fts		-0.74

Closing error:	0.0529 fts	(0.3 ppm)	Ratio: (1:3575652)
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Length: 189117.5905 fts

Loop 230

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-12 OLD	30960.3823	4117.7948	-5578.4573
ASH AZ-12 OLD	NYKT	98582.9966	-16594.5305	-48669.7295
NYKT	ASH AZ-5 OLD	-129543.3701	12476.7061	54248.2282

X:	0.0087 fts	W-Test:	0.36
Y:	-0.0296 fts		-0.44
Z:	0.0414 fts		0.83

Easting:	0.0004 fts	W-Test:	0.01
Northing:	0.0100 fts		0.17
Height:	0.0507 fts		0.86

Closing error:	0.0517 fts	(0.2 ppm)	Ratio: (1:5495295)
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Length: 283911.6284 fts

Loop 231

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-5 OLD	ASH AZ-11 OLD	30288.7708	4003.2835	-5493.9494
ASH AZ-11 OLD	NYKT	99254.5862	-16480.0522	-48754.2216
NYKT	ASH AZ-5 OLD	-129543.3701	12476.7061	54248.2282
X:	-0.0131 fts	W-Test:	-0.48	
Y:	-0.0626 fts		-0.96	
Z:	0.0571 fts		1.06	
Easting:	-0.0296 fts	W-Test:	-0.94	
Northing:	0.0044 fts		0.08	
Height:	0.0803 fts		1.36	
Closing error:	0.0857 fts	(0.3 ppm)	Ratio:	
Length:	283842.3296 fts		(1:3311136)	

Loop 232

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.3622	261.6971	363.4070	
ASH AZ-25 OLD	ASH AZ-26 OLD	-270.4079	261.6840	363.4378	
		-270.3850	261.6906	363.4224	Average
ASH AZ-26 OLD	NYHS	120377.6079	90289.3461	58522.5131	
NYHS	ASH AZ-25 OLD	-120107.2137	-90551.0152	-58885.9216	
X:	0.0092 fts	W-Test:	0.49		
Y:	0.0214 fts		0.70		
Z:	0.0138 fts		0.36		
Easting:	0.0147 fts	W-Test:	0.74		
Northing:	0.0224 fts		0.65		
Height:	-0.0041 fts		-0.12		
Closing error:	0.0271 fts	(0.1 ppm)	Ratio:		
Length:	323511.0468 fts		(1:11929685)		

Loop 233

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-26 OLD	BOICEVILLE	4376.7208	-6081.4802	-7907.2378
BOICEVILLE	ASH AZ-23	17226.4856	20148.0391	17041.7787
ASH AZ-23	NYHS	98774.4405	76222.6966	49387.9639
NYHS	ASH AZ-26 OLD	-120377.6079	-90289.3461	-58522.5131
X:	0.0390 fts	W-Test:	1.26	
Y:	-0.0905 fts		-1.53	
Z:	-0.0083 fts		-0.14	
Easting:	0.0127 fts	W-Test:	0.37	
Northing:	-0.0717 fts		-1.23	
Height:	0.0670 fts		1.16	
Closing error:	0.0989 fts	(0.3 ppm)	Ratio:	
Length:	338046.8337 fts		(1:3417381)	

Loop 234

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1526	-588.5524	-566.6078	
ASH AZ-21 OLD	ASH AZ-22 OLD	-275.1242	-588.5674	-566.5810	
		-275.1384	-588.5599	-566.5944	Average
ASH AZ-22 OLD	NYHS	109433.4230	77941.1834	48110.4477	
NYHS	ASH AZ-21 OLD	-109158.2751	-77352.6117	-47543.8863	
X:	0.0096 fts	W-Test:	0.38		
Y:	0.0118 fts		0.22		
Z:	-0.0329 fts		-0.81		
Easting:	0.0125 fts	W-Test:	0.43		
Northing:	-0.0186 fts		-0.40		
Height:	-0.0286 fts		-0.60		
Closing error:	0.0363 fts	(0.1 ppm)	Ratio:		
Length:	285552.1739 fts		(1:7870173)		

Loop 235

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-19	ASH AZ-20	-24.2373	-377.2762	-398.6979	
ASH AZ-20	NYHS	130894.5704	85238.9429	49865.7673	
NYHS	ASH AZ-19	-130870.3491	-84861.6750	-49467.0595	
X:	-0.0159 fts	W-Test:	-0.99		
Y:	-0.0083 fts		-0.22		
Z:	0.0098 fts		0.30		
Easting:	-0.0176 fts	W-Test:	-0.94		
Northing:	0.0048 fts		0.14		
Height:	0.0093 fts		0.26		
Closing error:	0.0205 fts	(0.1 ppm)	Ratio:		
Length:	328150.2534 fts		(1:16017231)		

Loop 236

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-15	ASH AZ-16	528.5111	237.7181	122.1878	
ASH AZ-16	NYHS	130804.2835	76509.0842	40150.0895	
NYHS	ASH AZ-15	-131332.7909	-76746.8295	-40272.2512	
X:	0.0037 fts	W-Test:	0.15		
Y:	-0.0273 fts		-0.63		
Z:	0.0262 fts		0.72		
Easting:	-0.0039 fts	W-Test:	-0.15		
Northing:	0.0011 fts		0.03		
Height:	0.0378 fts		0.95		
Closing error:	0.0380 fts	(0.1 ppm)	Ratio:		
Length:	314711.6228 fts		(1:8285786)		

Loop 237

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-13	ASH AZ-14	-723.1497	-399.9929	-244.9148
ASH AZ-14	NYHS	123209.9287	67515.8229	32452.0700
NYHS	ASH AZ-13	-122486.7299	-67115.9003	-32207.1378
X:	0.0491 fts	W-Test:	1.64	
Y:	-0.0704 fts		-1.34	
Z:	0.0174 fts		0.31	
Easting:	0.0280 fts	W-Test:	0.87	
Northing:	-0.0416 fts		-0.78	
Height:	0.0718 fts		1.35	
Closing error:	0.0876 fts	(0.3 ppm)	Ratio:	
Length:	288391.6934 fts		(1:3293695)	

Loop 238

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-10	WBDR AZ-9	-362.0647	-296.5531	-211.5534
WBDR AZ-9	NYHC	-33585.3150	-64361.8685	-59922.0179
NYHC	WBDR AZ-10	33947.3889	64658.4729	60133.5485
X:	0.0092 fts	W-Test:	0.19	
Y:	0.0513 fts		0.48	
Z:	-0.0228 fts		-0.31	
Easting:	0.0220 fts	W-Test:	0.41	
Northing:	0.0148 fts		0.17	
Height:	-0.0503 fts		-0.55	
Closing error:	0.0569 fts	(0.3 ppm)	Ratio:	
Length:	189247.0128 fts		(1:3328483)	

Loop 239

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-7	WBDR AZ-8	163.5264	701.4030	737.1971
WBDR AZ-8	NYHC	-30371.6761	-70326.8569	-67289.9704
NYHC	WBDR AZ-7	30208.1439	69625.4800	66552.7448
X:	-0.0057 fts	W-Test:	-0.24	
Y:	0.0262 fts		0.81	
Z:	-0.0285 fts		-1.04	
Easting:	0.0012 fts	W-Test:	0.05	
Northing:	-0.0032 fts		-0.11	
Height:	-0.0390 fts		-1.31	
Closing error:	0.0391 fts	(0.2 ppm)	Ratio:	
Length:	203935.6852 fts		(1:5214164)	

Loop 240

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-5	WBDR AZ-6	-684.2432	400.0415	581.6136
WBDR AZ-6	NYHC	-20912.8628	-65088.3519	-64625.3205
NYHC	WBDR AZ-5	21597.0880	64688.2765	64043.7081
X:	-0.0180 fts	W-Test:	-0.47	
Y:	-0.0338 fts		-0.63	
Z:	0.0012 fts		0.03	
Easting:	-0.0260 fts	W-Test:	-0.66	
Northing:	-0.0180 fts		-0.38	
Height:	0.0216 fts		0.45	
Closing error:	0.0384 fts	(0.2 ppm)	Ratio:	
Length:	188614.3492 fts		(1:4917947)	

Loop 241

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-3	WBDR AZ-4	190.0251	387.8707	356.1398
WBDR AZ-4	NYHC	-28665.5334	-61026.9391	-57656.8219
NYHC	WBDR AZ-3	28475.5011	60639.0636	57300.6864
X:	-0.0073 fts	W-Test:	-0.43	
Y:	-0.0047 fts		-0.13	
Z:	0.0043 fts		0.11	
Easting:	-0.0083 fts	W-Test:	-0.44	
Northing:	0.0014 fts		0.04	
Height:	0.0049 fts		0.13	
Closing error:	0.0097 fts	(0.1 ppm)	Ratio:	
Length:	177429.6587 fts		(1:18255448)	

Loop 242

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-21	WBDR AZ-22	-292.0188	-381.9176	-318.8523
WBDR AZ-22	NYHC	-79748.9021	-101822.5746	-86769.1666
NYHC	WBDR AZ-21	80040.9070	102204.4967	87088.0197
X:	-0.0139 fts	W-Test:	-0.99	
Y:	0.0045 fts		0.15	
Z:	0.0008 fts		0.03	
Easting:	-0.0123 fts	W-Test:	-0.78	
Northing:	0.0060 fts		0.20	
Height:	-0.0054 fts		-0.18	
Closing error:	0.0147 fts	(0.0 ppm)	Ratio:	
Length:	312644.4318 fts		(1:21338140)	

Loop 243

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-19	WBDR AZ-20	356.1695	-643.9353	-812.9485

OLD					
WBDR AZ-19	WBDR AZ-20	356.0874	-643.8989	-812.9845	
OLD		356.1285	-643.9171	-812.9665	Average
WBDR AZ-20	NYHC	-77872.1621	-99311.4792	-84630.2558	
NYHC	WBDR AZ-19 OLD	77516.0177	99955.4232	85443.2030	
X:	-0.0159 fts	W-Test:	-0.57		
Y:	0.0269 fts		0.50		
Z:	-0.0192 fts		-0.55		
Easting:	-0.0085 fts	W-Test:	-0.28		
Northing:	0.0059 fts		0.14		
Height:	-0.0352 fts		-0.78		
Closing error:	0.0367 fts	(0.1 ppm)	Ratio:		
Length:	305692.1402 fts		(1:8340150)		

Loop 244

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-1	WBDR AZ-2	869.4301	505.8489	270.9147
WBDR AZ-2	NYHC	-22547.8062	-55753.8910	-53739.3695
NYHC	WBDR AZ-1	21678.3918	55248.0309	53468.4872
X:	0.0156 fts	W-Test:	0.81	
Y:	-0.0113 fts		-0.35	
Z:	0.0325 fts		0.99	
Easting:	0.0122 fts	W-Test:	0.60	
Northing:	0.0141 fts		0.44	
Height:	0.0328 fts		1.02	
Closing error:	0.0378 fts	(0.2 ppm)	Ratio:	
Length:	161576.4535 fts		(1:4279358)	

Loop 245

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-15	WBDR AZ-16 OLD	-481.3888	261.5195	406.6574
WBDR AZ-16 OLD	NYHC	-67083.2010	-81048.4437	-68181.2353
NYHC	WBDR AZ-15	67564.5727	80786.8953	67774.5970
X:	-0.0170 fts	W-Test:	-1.09	
Y:	-0.0290 fts		-1.30	
Z:	0.0191 fts		0.70	
Easting:	-0.0239 fts	W-Test:	-1.48	
Northing:	-0.0017 fts		-0.07	
Height:	0.0303 fts		1.24	
Closing error:	0.0386 fts	(0.2 ppm)	Ratio:	
Length:	251291.8042 fts		(1:6503149)	

Loop 246

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-13	WBDR AZ-14	508.5204	-345.0062	-540.2611
WBDR AZ-14	NYHC	-63622.5515	-74493.0371	-62158.8372
NYHC	WBDR AZ-13	63114.0278	74838.0176	62699.0932
X:	-0.0033 fts	W-Test:	-0.18	
Y:	-0.0256 fts		-0.88	
Z:	-0.0052 fts		-0.21	
Easting:	-0.0098 fts	W-Test:	-0.52	
Northing:	-0.0199 fts		-0.76	
Height:	0.0143 fts		0.54	
Closing error:	0.0263 fts	(0.1 ppm)	Ratio:	
Length:	233094.0203 fts		(1:8846762)	

Loop 247

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-11	WBDR AZ-12	-623.2217	755.3892	1013.8073
WBDR AZ-12	NYHC	-44385.2509	-87672.5453	-82241.1598
NYHC	WBDR AZ-11	45008.4441	86917.1364	81227.3296
X:	-0.0284 fts	W-Test:	-0.97	
Y:	-0.0197 fts		-0.27	
Z:	-0.0229 fts		-0.35	
Easting:	-0.0325 fts	W-Test:	-0.96	
Northing:	-0.0249 fts		-0.37	
Height:	-0.0067 fts		-0.10	
Closing error:	0.0415 fts	(0.2 ppm)	Ratio:	
Length:	256744.2804 fts		(1:6189210)	

Loop 248

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-9	NYON	-16282.8104	62107.1714	70284.2594
NYON	EBDR AZ-3	100934.2396	-37870.8300	-68249.4548
EBDR AZ-3	NYHC	-118236.7241	-88598.3037	-61956.7566
NYHC	WBDR AZ-9	33585.3150	64361.8685	59922.0179
X:	0.0201 fts	W-Test:	0.52	
Y:	-0.0938 fts		-1.24	
Z:	0.0659 fts		1.10	
Easting:	-0.0047 fts	W-Test:	-0.11	
Northing:	-0.0156 fts		-0.23	
Height:	0.1152 fts		1.70	
Closing error:	0.1164 fts	(0.2 ppm)	Ratio:	
Length:	477135.2170 fts		(1:4099737)	


Loop 249

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-1	EBDR AZ-2	291.4659	309.0221	310.2609
EBDR AZ-2	NYHC	-117593.5793	-82810.3457	-55942.7386
NYHC	EBDR AZ-1	117302.1245	82501.3028	55632.4620
X:	0.0110 fts	W-Test:	0.54	
Y:	-0.0208 fts		-0.74	
Z:	-0.0158 fts		-0.61	
Easting:	0.0053 fts	W-Test:	0.25	
Northing:	-0.0271 fts		-1.01	
Height:	0.0065 fts		0.24	
Closing error:	0.0283 fts	(0.1 ppm)	Ratio:	
Length:	308670.4528 fts		(1:10901291)	

Loop 250

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-27	WBDR AZ-28	544.4147	292.3744	165.9475
WBDR AZ-28	NYCS	28171.5632	83922.4867	79104.3756
NYCS	WBDR AZ-27	-28715.9839	-84214.8876	-79270.3535
X:	-0.0060 fts	W-Test:	-0.36	
Y:	-0.0265 fts		-0.85	
Z:	-0.0304 fts		-1.18	
Easting:	-0.0129 fts	W-Test:	-0.71	
Northing:	-0.0386 fts		-1.38	
Height:	-0.0028 fts		-0.10	
Closing error:	0.0408 fts	(0.2 ppm)	Ratio:	
Length:	238524.5575 fts		(1:5852673)	


Loop 251

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-25	WBDR AZ-26	701.0999	76.9885	-121.7912
WBDR AZ-26	NYCS	39432.7873	93900.4959	86574.7042
NYCS	WBDR AZ-25	-40133.9285	-93977.4330	-86452.9915
X:	-0.0413 fts	W-Test:	-1.85	
Y:	0.0513 fts		1.42	
Z:	-0.0784 fts		-1.93	
Easting:	-0.0262 fts	W-Test:	-1.11	
Northing:	-0.0171 fts		-0.45	
Height:	-0.0975 fts		-2.58	
Closing error:	0.1024 fts	(0.4 ppm)	Ratio:	
Length:	268237.7897 fts		(1:2619567)	

Loop 252

From	To	dX[fts]	dY[fts]	dZ[fts]
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WBDR AZ-23	WBDR AZ-24	872.0955	432.2710	235.7064
WBDR AZ-24	NYCS	64678.1439	107252.8774	93563.3082
NYCS	WBDR AZ-23	-65550.2110	-107685.1706	-93798.9958


X:	0.0284 fts	W-Test:	2.65	
Y:	-0.0222 fts		-0.96	
Z:	0.0188 fts		0.83	


Easting:	0.0215 fts	W-Test:	1.80
Northing:	-0.0056 fts		-0.25
Height:	0.0340 fts		1.50

Closing error:	0.0406 fts	(0.1 ppm)	Ratio:
Length:	314470.4366 fts		(1:7747840)

Loop 253

From	To	dX[fts]	dY[fts]	dZ[fts]
WBDR AZ-28	NYON	-119753.0932	-14398.5606	18178.8474
NYON	WBDR AZ-15	50262.0501	-45682.1635	-62431.6580
WBDR AZ-15	NYCS	97662.6026	144003.2645	123357.1148
NYCS	WBDR AZ-28	-28171.5632	-83922.4867	-79104.3756

X:	-0.0037 fts	W-Test:	-0.19	
Y:	0.0536 fts		1.65	
Z:	-0.0714 fts		-2.28	

Easting:	0.0105 fts	W-Test:	0.52	
Northing:	-0.0172 fts		-0.54	
Height:	-0.0870 fts		-2.76	

Closing error:	0.0893 fts	(0.2 ppm)	Ratio:
Length:	546239.0589 fts		(1:6114741)

Loop 254

From	To	dX[fts]	dY[fts]	dZ[fts]
EBDR AZ-21	EBDR AZ-22	170.0837	482.5427	465.5169
EBDR AZ-22	NYCS	-4760.6282	95326.6619	100993.0635
NYCS	EBDR AZ-21	4590.5265	-95809.1559	-101458.5637

X:	-0.0180 fts	W-Test:	-0.79
Y:	0.0487 fts		0.89
Z:	0.0167 fts		0.38

Easting:	-0.0044 fts	W-Test:	-0.17
Northing:	0.0473 fts		0.98
Height:	-0.0269 fts		-0.55

Closing error:	0.0546 fts	(0.2 ppm)	Ratio:
Length:	279272.1330 fts		(1:5118369)

Loop 255

From	To	dX[fts]	dY[fts]	dZ[fts]
ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1190	1181.6059	1655.7129

ASH AZ-25 OLD	ASH AZ-26 NEW	-1292.1207	1181.6178	1655.7042	
		-1292.1199	1181.6118	1655.7086	Average
ASH AZ-26 NEW	ASH AZ-25 NEW	1289.8308	-1193.2680	-1668.4494	
ASH AZ-26 NEW	ASH AZ-25 NEW	1289.8365	-1193.2756	-1668.4410	
		1289.8336	-1193.2718	-1668.4452	Average
ASH AZ-25 NEW	ASH AZ-25 OLD	2.2920	11.6554	12.7395	
ASH AZ-25 NEW	ASH AZ-25 OLD	2.2862	11.6549	12.7398	
		2.2891	11.6552	12.7397	Average
X:	0.0029 fts	W-Test:	0.24		
Y:	-0.0048 fts		-0.27		
Z:	0.0031 fts		0.15		
Easting:	0.0015 fts	W-Test:	0.12		
Northing:	-0.0013 fts		-0.07		
Height:	0.0061 fts		0.32		
Closing error:	0.0064 fts	(1.3 ppm)	Ratio:(1:756092)		
Length:	4850.2930 fts				

Loop 256

From	To	dX[fts]	dY[fts]	dZ[fts]	
SHANDAKEN	ASH AZ-12 NEW	2875.0320	107.2332	-776.0932	
ASH AZ-12 NEW	ASH AZ-11 OLD	-1594.8135	-58.5408	426.9309	
ASH AZ-12 NEW	ASH AZ-11 OLD	-1594.7968	-58.5016	426.8390	
		-1594.8052	-58.5212	426.8850	Average
ASH AZ-11 OLD	SHANDAKEN	-1280.2015	-48.6974	349.1992	
X:	0.0254 fts	W-Test:	1.06		
Y:	0.0146 fts		0.34		
Z:	-0.0090 fts		-0.21		
Easting:	0.0284 fts	W-Test:	1.10		
Northing:	-0.0019 fts		-0.04		
Height:	-0.0114 fts		-0.27		
Closing error:	0.0306 fts	(5.1 ppm)	Ratio:(1:194649)		
Length:	5959.7228 fts				

Loop 257

From	To	dX[fts]	dY[fts]	dZ[fts]	
NYSDOT 8-U-047	U279 RESET 1973	-309.5311	-840.1896	-816.5859	
U279 RESET 1973	ASH AZ-22 OLD	28.2947	246.6919	245.5561	
U279 RESET 1973	ASH AZ-22 OLD	28.2997	246.6863	245.5238	
		28.2973	246.6891	245.5400	Average
ASH AZ-22 OLD	NYSDOT 8-U-047	281.2282	593.5244	571.0175	
ASH AZ-22 OLD	NYSDOT 8-U-047	281.1901	593.5390	571.0242	
		281.2091	593.5317	571.0208	Average
X:	-0.0248 fts	W-Test:	-0.92		
Y:	0.0312 fts		0.60		

Z:	-0.0251 fts		-0.67
Easting:	-0.0154 fts	W-Test:	-0.52
Northing:	0.0060 fts		0.14
Height:	-0.0441 fts		-0.97
Closing error:	0.0471 fts	(19.4 ppm)	Ratio:(1:51640)
Length:	2431.3422 fts		

Loop 258

From	To	dX[fts]	dY[fts]	dZ[fts]	
ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8308	1193.2680	1668.4494	
ASH AZ-25 NEW	ASH AZ-26 NEW	-1289.8365	1193.2756	1668.4410	
		-1289.8336	1193.2718	1668.4452	Average
ASH AZ-26 NEW	ASH AZ-26 OLD	1021.7568	-919.9126	-1292.2986	
ASH AZ-26 NEW	ASH AZ-26 OLD	1021.7650	-919.9158	-1292.2897	
		1021.7609	-919.9142	-1292.2941	Average
ASH AZ-26 OLD	ASH AZ-25 NEW	268.0720	-273.3510	-376.1498	
ASH AZ-26 OLD	ASH AZ-25 NEW	268.0705	-273.3583	-376.1529	
		268.0712	-273.3547	-376.1514	Average

X:	-0.0015 fts	W-Test:	-0.13
Y:	0.0029 fts		0.17
Z:	-0.0004 fts		-0.02
Easting:	-0.0006 fts	W-Test:	-0.05
Northing:	0.0019 fts		0.10
Height:	-0.0026 fts		-0.14
Closing error:	0.0033 fts	(0.7 ppm)	Ratio: (1:1479204)
Length:	4846.6635 fts		

Loop 259

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-14 NEW	EBDR AZ-16 NEW	4036.5960	7679.1367	7054.3430	
EBDR AZ-14 NEW	EBDR AZ-16 NEW	4036.5920	7679.1709	7054.3120	
		4036.5940	7679.1538	7054.3275	Average
EBDR AZ-16 NEW	EBDR AZ-13 OLD	-3567.1389	-9048.6218	-8617.3806	
EBDR AZ-16 NEW	EBDR AZ-13 OLD	-3567.1473	-9048.5869	-8617.2989	
		-3567.1431	-9048.6043	-8617.3397	Average
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4451	1369.4530	1562.9929	
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4560	1369.4355	1562.9682	
EBDR AZ-13 OLD	EBDR AZ-14 NEW	-469.4650	1369.4678	1563.0033	
		-469.4554	1369.4521	1562.9881	Average
X:	-0.0045 fts	W-Test:	-0.19		
Y:	0.0016 fts		0.03		
Z:	-0.0241 fts		-0.59		

Easting:	-0.0039 fts	W-Test:	-0.15
Northing:	-0.0160 fts		-0.38
Height:	-0.0182 fts		-0.42
Closing error:	0.0245 fts	(0.9 ppm)	Ratio: (1:1072315)
Length:	26306.6013 fts		

Loop 260

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-14 NEW	EBDR AZ-16 NEW	4036.5960	7679.1367	7054.3430	
EBDR AZ-14 NEW	EBDR AZ-16 NEW	4036.5920	7679.1709	7054.3120	
		4036.5940	7679.1538	7054.3275	Average
EBDR AZ-16 NEW	EBDR AZ-14 OLD	-3409.9761	-9564.2216	-9221.1816	
EBDR AZ-16 NEW	EBDR AZ-14 OLD	-3409.9712	-9564.1965	-9221.1524	
		-3409.9737	-9564.2090	-9221.1670	Average
EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6134	1885.0554	2166.8511	
EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6244	1885.0353	2166.8401	
EBDR AZ-14 OLD	EBDR AZ-14 NEW	-626.6318	1885.0396	2166.9229	
		-626.6232	1885.0434	2166.8714	Average
X:	-0.0029 fts	W-Test:	-0.13		
Y:	-0.0117 fts		-0.27		
Z:	0.0319 fts		0.81		
Easting:	-0.0059 fts	W-Test:	-0.25		
Northing:	0.0166 fts		0.41		
Height:	0.0293 fts		0.71		
Closing error:	0.0341 fts	(1.2 ppm)	Ratio:(1:815374)		
Length:	27837.2902 fts				

Loop 261


From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1733	4.7243	36.1061	
EBDR AZ-25 OLD	EBDR AZ-25 NEW	-101.1210	4.6863	36.1256	
		-101.1471	4.7053	36.1158	Average
EBDR AZ-25 NEW	EBDR AZ-26	-444.7506	-1.0570	125.5477	
EBDR AZ-25 NEW	EBDR AZ-26	-444.7569	-1.0854	125.5694	
		-444.7537	-1.0712	125.5585	Average
EBDR AZ-26	EBDR AZ-25 OLD	545.9349	-3.6669	-161.6135	
EBDR AZ-26	EBDR AZ-25 OLD	545.8953	-3.6613	-161.6627	


		545.9151	-3.6641	-161.6381	Average
X:	0.0143 fts	W-Test:	0.96		
Y:	-0.0300 fts		-0.93		
Z:	0.0363 fts		1.34		
Easting:	0.0058 fts	W-Test:	0.35		
Northing:	0.0049 fts		0.17		
Height:	0.0486 fts		1.64		
Closing error:	0.0492 fts	(43.2 ppm)	Ratio:(1:23158)		
Length:	1138.9967 fts				

Loop 262

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-19 OLD	D309 RESET 1995	11.0995	-36.7335	-38.9480	
WBDR AZ-19 OLD	D309 RESET 1995	11.0833	-36.7083	-38.9517	
		11.0914	-36.7209	-38.9498	Average
D309 RESET 1995	WBDR AZ-20	345.0009	-607.1893	-774.0399	
D309 RESET 1995	WBDR AZ-20	345.0025	-607.1722	-774.0313	
		345.0017	-607.1807	-774.0356	Average
WBDR AZ-20	WBDR AZ-19 OLD	-356.1695	643.9353	812.9485	
WBDR AZ-20	WBDR AZ-19 OLD	-356.0874	643.8989	812.9845	
		-356.1285	643.9171	812.9665	Average
X:	-0.0354 fts	W-Test:	-1.63		
Y:	0.0155 fts		0.49		
Z:	-0.0189 fts		-0.88		
Easting:	-0.0301 fts	W-Test:	-1.34		
Northing:	0.0023 fts		0.09		
Height:	-0.0306 fts		-1.12		
Closing error:	0.0430 fts	(19.6 ppm)	Ratio:(1:51019)		
Length:	2193.7037 fts				

Loop 263



From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-29	WBDR AZ-30	-358.0073	279.2376	445.4182	
WBDR AZ-30	NYON	-128465.6693	-24951.4608	9348.1620	
WBDR AZ-30	NYON	-128465.7213	-24951.4581	9348.1561	
		-128465.6953	-24951.4594	9348.1590	Average
NYON	WBDR AZ-29	128823.7360	24672.2376	-9793.5801	
NYON	WBDR AZ-29	128823.7534	24672.2268	-9793.6009	
		128823.7447	24672.2322	-9793.5905	Average
X:	0.0421 fts	W-Test:	3.43		
Y:	0.0104 fts		0.42		
Z:	-0.0132 fts		-0.58		


Easting:	0.0434 fts	W-Test:	3.22	
Northing:	-0.0105 fts		-0.45	
Height:	-0.0081 fts		-0.35	

Closing error:	0.0454 fts	(0.2 ppm)	Ratio:	
Length:	263366.0649 fts		(1:5804151)	

Loop 264

From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-28	SOUTH KORTRIGHT	-10717.7675	-10262.9217	-7919.0576	
SOUTH KORTRIGHT	WBDR AZ-29	19788.3746	20536.6366	16304.3529	
SOUTH KORTRIGHT	WBDR AZ-29	19788.4203	20536.5723	16304.3237	
		19788.3974	20536.6044	16304.3383	Average
WBDR AZ-29	NYCS	19100.8832	73648.9154	70719.0163	
WBDR AZ-29	NYCS	19100.9044	73648.8809	70719.0751	
		19100.8938	73648.8982	70719.0457	Average
NYCS	WBDR AZ-28	-28171.5632	-83922.4867	-79104.3756	



X:	-0.0394 fts	W-Test:	-2.24	
Y:	0.0942 fts		2.86	
Z:	-0.0492 fts		-1.71	



Easting:	-0.0130 fts	W-Test:	-0.68	
Northing:	0.0320 fts		1.06	
Height:	-0.1079 fts		-3.53	

Closing error:	0.1133 fts	(0.4 ppm)	Ratio:	
Length:	272265.0516 fts		(1:2402348)	

Loop 265


From	To	dX[fts]	dY[fts]	dZ[fts]	
WBDR AZ-15	WBDR AZ-16 NEW	-1294.2667	-100.7052	287.2388	
WBDR AZ-15	WBDR AZ-16 NEW	-1294.2203	-100.7474	287.2689	
		-1294.2435	-100.7263	287.2538	Average
WBDR AZ-16 NEW	WBDR AZ-16 OLD	812.7874	362.2369	119.4970	
WBDR AZ-16 NEW	WBDR AZ-16 OLD	812.7427	362.2778	119.4665	
		812.7650	362.2574	119.4817	Average
WBDR AZ-16 OLD	WBDR AZ-15	481.3888	-261.5195	-406.6574	

X:	-0.0897 fts	W-Test:	-4.04	
Y:	0.0116 fts		0.36	
Z:	0.0782 fts		2.24	

Easting:	-0.0836 fts	W-Test:	-3.64	
Northing:	0.0811 fts		2.43	
Height:	0.0270 fts		0.82	

Closing error: 0.1195 fts (41.1 ppm) Ratio:(1:24339)
 Length: 2909.6599 fts

Loop 266

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-15	EBDR AZ-13 NEW	-4665.6604	-7221.9167	-6376.3334	
EBDR AZ-13 NEW	EBDR AZ-13 OLD	961.4047	-1231.4925	-1562.0134	
EBDR AZ-13 NEW	EBDR AZ-13 OLD	961.3903	-1231.4276	-1562.0100	
EBDR AZ-13 NEW	EBDR AZ-13 OLD	961.4568	-1231.5306	-1562.0116	
		961.4173	-1231.4836	-1562.0117	Average
EBDR AZ-13 OLD	EBDR AZ-15	3704.2311	8453.3946	7938.4515	
X:	-0.0120 fts	W-Test:	-0.39		
Y:	-0.0056 fts		-0.10		
Z:	0.1065 fts		2.07		
Easting:	-0.0131 fts	W-Test:	-0.39		
Northing:	0.0774 fts		1.45		
Height:	0.0731 fts		1.35		
Closing error:	0.1073 fts (4.3 ppm)				Ratio:(1:233857)
Length:	25087.2972 fts				

Loop 267

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-13 OLD	EBDR AZ-15	3704.2311	8453.3946	7938.4515	
EBDR AZ-15	EBDR AZ-14 OLD	-3547.0721	-8968.9881	-8542.2564	
EBDR AZ-15	EBDR AZ-14 OLD	-3547.0812	-8969.0257	-8542.1688	
EBDR AZ-15	EBDR AZ-14 OLD	-3547.0483	-8968.9566	-8542.3354	
		-3547.0672	-8968.9901	-8542.2536	Average
EBDR AZ-14 OLD	EBDR AZ-13 OLD	-157.1805	515.6398	603.8299	
EBDR AZ-14 OLD	EBDR AZ-13 OLD	-157.1686	515.5926	603.8691	
EBDR AZ-14 OLD	EBDR AZ-13 OLD	-157.1827	515.5834	603.8830	
		-157.1772	515.6053	603.8607	Average
X:	-0.0133 fts	W-Test:	-0.63		
Y:	0.0098 fts		0.23		
Z:	0.0587 fts		1.49		
Easting:	-0.0103 fts	W-Test:	-0.44		
Northing:	0.0522 fts		1.30		
Height:	0.0298 fts		0.74		
Closing error:	0.0610 fts (2.4 ppm)				Ratio:(1:424249)

Length: 25867.0842 fts

Loop 268

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-15	EBDR AZ-14 NEW	-4173.6790	-7083.9568	-6375.4269	
EBDR AZ-14 NEW	EBDR AZ-14 OLD	626.6134	-1885.0554	-2166.8511	
EBDR AZ-14 NEW	EBDR AZ-14 OLD	626.6244	-1885.0353	-2166.8401	
EBDR AZ-14 NEW	EBDR AZ-14 OLD	626.6318	-1885.0396	-2166.9229	
		626.6232	-1885.0434	-2166.8714	Average
EBDR AZ-14 OLD	EBDR AZ-15	3547.0721	8968.9881	8542.2564	
EBDR AZ-14 OLD	EBDR AZ-15	3547.0812	8969.0257	8542.1688	
EBDR AZ-14 OLD	EBDR AZ-15	3547.0483	8968.9566	8542.3354	
		3547.0672	8968.9901	8542.2536	Average
X:	0.0114 fts	W-Test:	0.49		
Y:	-0.0101 fts		-0.22		
Z:	-0.0448 fts		-1.01		
Easting:	0.0083 fts	W-Test:	0.32		
Northing:	-0.0418 fts		-0.93		
Height:	-0.0206 fts		-0.46		
Closing error:	0.0473 fts	(1.8 ppm)	Ratio:(1:554461)		
Length:	26227.7449 fts				

Loop 269

From	To	dX[fts]	dY[fts]	dZ[fts]	
EBDR AZ-15	EBDR AZ-13 NEW	-4665.6604	-7221.9167	-6376.3334	
EBDR AZ-13 NEW	EBDR AZ-14 OLD	1118.5881	-1747.1024	-2165.8706	
EBDR AZ-13 NEW	EBDR AZ-14 OLD	1118.5651	-1747.0297	-2165.8841	
EBDR AZ-13 NEW	EBDR AZ-14 OLD	1118.6347	-1747.1171	-2165.9173	
		1118.5960	-1747.0831	-2165.8906	Average
EBDR AZ-14 OLD	EBDR AZ-15	3547.0721	8968.9881	8542.2564	
EBDR AZ-14 OLD	EBDR AZ-15	3547.0812	8969.0257	8542.1688	
EBDR AZ-14 OLD	EBDR AZ-15	3547.0483	8968.9566	8542.3354	
		3547.0672	8968.9901	8542.2536	Average
X:	0.0028 fts	W-Test:	0.10		
Y:	-0.0096 fts		-0.17		
Z:	0.0295 fts		0.58		
Easting:	0.0001 fts	W-Test:	0.00		

Northing:	0.0152 fts		0.29
Height:	0.0272 fts		0.51
Closing error:	0.0312 fts	(1.2 ppm)	Ratio:(1:853162)
Length:	26587.2968 fts		