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CORPSCON Conversion to GRS 80

2001 Geodetic Control Densification

of

Jefferson County, Kentucky


GRW Aerial Surveys, Inc.

801 Corporate Drive
Lexington, KY 40503

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn Geographic
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: GRS 80, Meters

Name	Input	Output
31 K ECC	55213.43370 N	37 59 17.57871 N
	371332.92970 E	85 42 53.08868 W
Elevation	136.04500	102.827
Convergence	-00 54 40.21580	
Scale Factor	0.999996809	
Combined Factor	0.999975459	
489.78 ECC	59655.06990 N	38 01 56.29909 N
	403901.44560 E	85 20 40.66200 W
Elevation	149.57800	115.911
Convergence	-00 40 51.35679	
Scale Factor	0.999990716	
Combined Factor	0.999967243	
GPS86-28-ECC	87744.62750 N	38 17 03.09627 N
	393651.64180 E	85 27 56.12500 W
Elevation	202.25970	168.931
Convergence	-00 45 22.24406	
Scale Factor	0.999967158	
Combined Factor	0.999935419	
AN40-01	90239.87950 N	38 18 21.34817 N
	387589.97930 E	85 32 06.95734 W
Elevation	214.55320	181.228
Convergence	-00 47 58.27865	
Scale Factor	0.999966024	
Combined Factor	0.999932356	
AN40-02	90532.77450 N	38 18 30.76367 N
	387406.74150 E	85 32 14.66719 W
Elevation	222.71080	189.383
Convergence	-00 48 03.07469	
Scale Factor	0.999965897	
Combined Factor	0.999930949	
AR32-01	87909.07640 N	38 17 01.95135 N
	379463.73450 E	85 37 39.96197 W
Elevation	181.08670	147.761
Convergence	-00 51 25.42992	
Scale Factor	0.999967176	
Combined Factor	0.999938759	

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 kyhpgn, Kentucky North - 1601, Meters
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Name	Input	Output
AS32-01	87674.50950 N	38 16 54.41705 N
	379613.36450 E	85 37 33.66155 W
Elevation	178.59070	145.266
Convergence	-00 51 21.51064	
Scale Factor	0.999967293	
Combined Factor	0.999939268	
AU28-01	86191.14940 N	38 16 04.66791 N
	376264.78060 E	85 39 50.49052 W
Elevation	173.49100	140.172
Convergence	-00 52 46.62746	
Scale Factor	0.999968098	
Combined Factor	0.999940873	
AV28-01	85916.79050 N	38 15 55.61135 N
	375945.20120 E	85 40 03.46230 W
Elevation	169.88180	136.564
Convergence	-00 52 54.69678	
Scale Factor	0.999968251	
Combined Factor	0.999941592	
AW34-01	85125.58170 N	38 15 32.71435 N
	381606.62390 E	85 36 10.11457 W
Elevation	175.18600	141.877
Convergence	-00 50 29.53880	
Scale Factor	0.999968646	
Combined Factor	0.999941155	
AW34-02	85276.44120 N	38 15 37.70957 N
	381822.84740 E	85 36 01.31246 W
Elevation	175.79360	142.484
Convergence	-00 50 24.06329	
Scale Factor	0.999968559	
Combined Factor	0.999940972	
AZ36-01	82967.46600 N	38 14 23.56913 N
	383387.17270 E	85 34 55.59810 W
Elevation	194.59300	161.293
Convergence	-00 49 43.18454	
Scale Factor	0.999969913	
Combined Factor	0.999939377	

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Name	Input	Output
AZ862-ECC	93739.31630 N	38 20 10.51206 N
	378418.94180 E	85 38 26.56993 W
Elevation	132.25930	98.884
Convergence	-00 51 54.42321	
Scale Factor	0.999964681	
Combined Factor	0.999943926	
AZIBH2601-2001	78070.81220 N	38 11 40.85977 N
	375321.16600 E	85 40 24.14259 W
Elevation	144.99070	111.711
Convergence	-00 53 07.56131	
Scale Factor	0.999973334	
Combined Factor	0.999950581	
AZIBM1103-2001	75005.81780 N	38 09 53.55446 N
	360424.01450 E	85 50 34.10294 W
Elevation	136.07810	102.908
Convergence	-00 59 26.99767	
Scale Factor	0.999975928	
Combined Factor	0.999954574	
AZIBP2001-2001	73839.83690 N	38 09 20.04939 N
	368326.24930 E	85 45 08.73896 W
Elevation	139.20660	105.981
Convergence	-00 56 04.59939	
Scale Factor	0.999976793	
Combined Factor	0.999954948	
AZIBT0901-2001	71371.07200 N	38 07 54.65693 N
	358601.98750 E	85 51 46.32624 W
Elevation	135.51240	102.388
Convergence	-01 00 11.92542	
Scale Factor	0.999979116	
Combined Factor	0.999957851	
AZIBU0701-2001	70210.96060 N	38 07 16.11144 N
	356982.47670 E	85 52 51.97198 W
Elevation	132.92630	99.828
Convergence	-01 00 52.76149	
Scale Factor	0.999980220	
Combined Factor	0.999959361	

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Name	Input	Output
AZITV1-2001	80608.26790 N	38 13 05.11247 N
	379303.51190 E	85 37 42.05856 W
Elevation	168.87330	135.579
Convergence	-00 51 26.73414	
Scale Factor	0.999971485	
Combined Factor	0.999944985	
AZIX349-2001	88453.57260 N	38 17 17.12467 N
	374447.52210 E	85 41 06.69108 W
Elevation	130.49750	97.160
Convergence	-00 53 34.02933	
Scale Factor	0.999966944	
Combined Factor	0.999946466	
AZI001-2001	66769.46710 N	38 05 28.00656 N
	363209.68060 E	85 48 33.95513 W
Elevation	148.64030	115.510
Convergence	-00 58 12.25765	
Scale Factor	0.999983502	
Combined Factor	0.999960176	
AZI002-2001	68861.39380 N	38 06 34.60472 N
	360969.33450 E	85 50 07.35987 W
Elevation	145.50750	112.381
Convergence	-00 59 10.36168	
Scale Factor	0.999981448	
Combined Factor	0.999958614	
AZI003-2001	69174.00410 N	38 06 46.19926 N
	363604.21790 E	85 48 19.43249 W
Elevation	138.15440	105.003
Convergence	-00 58 03.22360	
Scale Factor	0.999981101	
Combined Factor	0.999959421	
AZI004-2001	73200.81840 N	38 08 56.21981 N
	362578.53750 E	85 49 04.34524 W
Elevation	143.63380	110.461
Convergence	-00 58 31.16235	
Scale Factor	0.999977424	
Combined Factor	0.999954884	

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Name	Input	Output
AZI005-2001	76281.61480 N	38 10 32.85890 N
	356785.29380 E	85 53 04.48905 W
Elevation	136.63510	103.491
Convergence	-01 01 00.54794	
Scale Factor	0.999974947	
Combined Factor	0.999953505	
AZI006-2001	75672.52490 N	38 10 18.13375 N
	365803.09370 E	85 46 53.61493 W
Elevation	147.45980	114.242
Convergence	-00 57 09.83930	
Scale Factor	0.999975310	
Combined Factor	0.999952170	
AZI008-2001	83212.36880 N	38 14 29.37138 N
	378911.14030 E	85 37 59.79501 W
Elevation	157.84560	124.542
Convergence	-00 51 37.76741	
Scale Factor	0.999969802	
Combined Factor	0.999945032	
AZI009-2001	74053.10950 N	38 09 31.31525 N
	376821.93670 E	85 39 19.95285 W
Elevation	153.74890	120.477
Convergence	-00 52 27.63098	
Scale Factor	0.999976499	
Combined Factor	0.999952372	
AZI010-2001	69662.54800 N	38 07 08.21377 N
	375380.36180 E	85 40 16.37829 W
Elevation	166.23620	132.981
Convergence	-00 53 02.73139	
Scale Factor	0.999980451	
Combined Factor	0.999954364	
AZI011-2001	69213.91510 N	38 06 56.05707 N
	380256.36210 E	85 36 55.94632 W
Elevation	206.26930	172.983
Convergence	-00 50 58.04923	
Scale Factor	0.999980808	
Combined Factor	0.999948440	

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Name	Input	Output
AZI012-2001	66170.08220 N	38 05 15.73148 N
	376943.50990 E	85 39 10.02811 W
Elevation	182.51750	149.251
Convergence	-00 52 21.45712	
Scale Factor	0.999983891	
Combined Factor	0.999955250	
AZI013-2001	66052.42690 N	38 05 14.18407 N
	381624.37400 E	85 35 57.89074 W
Elevation	202.86620	169.556
Convergence	-00 50 21.93475	
Scale Factor	0.999983941	
Combined Factor	0.999952106	
AZI014-2001	66294.05500 N	38 05 25.27720 N
	388689.81010 E	85 31 08.11431 W
Elevation	210.14110	176.750
Convergence	-00 47 21.67433	
Scale Factor	0.999983588	
Combined Factor	0.999950612	
AZI015-2001	69068.39110 N	38 06 54.65333 N
	387362.78180 E	85 32 04.15560 W
Elevation	195.05850	161.700
Convergence	-00 47 56.53578	
Scale Factor	0.999980850	
Combined Factor	0.999950240	
AZI016-2001	72355.86840 N	38 08 40.39282 N
	385446.93550 E	85 33 24.71222 W
Elevation	222.03580	188.719
Convergence	-00 48 46.64741	
Scale Factor	0.999977851	
Combined Factor	0.999943008	
AZI017-2001	73923.79370 N	38 09 34.48001 N
	392715.22550 E	85 28 27.09459 W
Elevation	173.34710	139.970
Convergence	-00 45 41.50923	
Scale Factor	0.999976417	
Combined Factor	0.999949215	

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Name	Input	Output
AZI018-2001	77217.11380 N	38 11 18.26351 N
	385926.20980 E	85 33 07.85346 W
Elevation	181.76800	148.462
Convergence	-00 48 36.16013	
Scale Factor	0.999973858	
Combined Factor	0.999945334	
AZI019-2001	77589.42950 N	38 11 28.56745 N
	382128.79280 E	85 35 44.10968 W
Elevation	200.98000	167.689
Convergence	-00 50 13.36201	
Scale Factor	0.999973618	
Combined Factor	0.999942079	
AZI020-2001	79866.79900 N	38 12 43.79274 N
	385057.35930 E	85 33 45.10558 W
Elevation	207.08190	173.783
Convergence	-00 48 59.33345	
Scale Factor	0.999971937	
Combined Factor	0.999939442	
AZI021-2001	86382.14030 N	38 16 14.85736 N
	384568.39480 E	85 34 09.03918 W
Elevation	203.51960	170.209
Convergence	-00 49 14.22176	
Scale Factor	0.999967928	
Combined Factor	0.999935992	
AZI022-2001	87959.75450 N	38 17 06.78332 N
	386225.78420 E	85 33 01.77706 W
Elevation	218.93500	185.620
Convergence	-00 48 32.38020	
Scale Factor	0.999967101	
Combined Factor	0.999932746	
AZI023-2001	89485.86020 N	38 17 54.63329 N
	382697.25200 E	85 35 27.86926 W
Elevation	196.28990	162.960
Convergence	-00 50 03.25937	
Scale Factor	0.999966395	
Combined Factor	0.999935593	

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Name	Input	Output
AZI024-2001	92037.60280 N	38 19 16.43282 N
	380698.88830 E	85 36 51.66025 W
Elevation	192.48950	159.135
Convergence	-00 50 55.38301	
Scale Factor	0.999965311	
Combined Factor	0.999935106	
AZI025-2001	92484.23090 N	38 19 32.64715 N
	384356.94430 E	85 34 21.34211 W
Elevation	201.97590	168.629
Convergence	-00 49 21.87501	
Scale Factor	0.999965115	
Combined Factor	0.999933421	
AZI027-2001	79990.92070 N	38 12 53.02318 N
	396933.15300 E	85 25 37.03236 W
Elevation	218.07790	184.713
Convergence	-00 43 55.71908	
Scale Factor	0.999971740	
Combined Factor	0.999937519	
AZI028-2001	77443.52510 N	38 11 28.57634 N
	392599.13760 E	85 28 33.78726 W
Elevation	173.35930	140.009
Convergence	-00 45 45.67252	
Scale Factor	0.999973617	
Combined Factor	0.999946413	
AZI029-2001	74910.79820 N	38 10 07.60853 N
	395344.17970 E	85 26 39.63915 W
Elevation	199.51160	166.118
Convergence	-00 44 34.66472	
Scale Factor	0.999975573	
Combined Factor	0.999944265	
AZI030-2001	70021.55600 N	38 07 29.16419 N
	395622.82710 E	85 26 25.59655 W
Elevation	228.34240	194.901
Convergence	-00 44 25.92928	
Scale Factor	0.999979842	
Combined Factor	0.999944010	

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Name	Input	Output
AZI031-2001	71426.09370 N	38 08 01.09600 N
	367050.54810 E	85 45 59.49893 W
Elevation	137.67420	104.473
Convergence	-00 56 36.17551	
Scale Factor	0.999978935	
Combined Factor	0.999957330	
AZI032-2001	76745.70060 N	38 11 05.45736 N
	391473.96200 E	85 29 19.63668 W
Elevation	168.22540	134.878
Convergence	-00 46 14.19394	
Scale Factor	0.999974160	
Combined Factor	0.999947762	
AZI035-2001	77117.08010 N	38 11 20.12745 N
	397671.00820 E	85 25 05.20448 W
Elevation	205.35780	171.964
Convergence	-00 43 35.92001	
Scale Factor	0.999973814	
Combined Factor	0.999941589	
AZI036-2001	65808.81910 N	38 05 08.08522 N
	385478.28140 E	85 33 19.61421 W
Elevation	150.96040	117.605
Convergence	-00 48 43.47610	
Scale Factor	0.999984136	
Combined Factor	0.999960446	
AZI037-2001	85653.12100 N	38 15 55.15382 N
	393384.29200 E	85 28 05.98654 W
Elevation	192.32520	159.000
Convergence	-00 45 28.37860	
Scale Factor	0.999968259	
Combined Factor	0.999938078	
AZI039-2001	82259.71950 N	38 14 05.22943 N
	393674.88040 E	85 27 52.19299 W
Elevation	213.01180	179.683
Convergence	-00 45 19.79809	
Scale Factor	0.999970267	
Combined Factor	0.999936841	

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AZI040-2001	85170.17710 N	38 15 37.64336 N
	389158.88150 E	85 30 59.51798 W
Elevation	209.27860	175.969
Convergence	-00 47 16.32683	
Scale Factor	0.999968560	
Combined Factor	0.999935719	
AZI042-2001	73415.30200 N	38 08 59.31122 N
	355749.28370 E	85 53 44.94396 W
Elevation	136.64440	103.537
Convergence	-01 01 25.71362	
Scale Factor	0.999977342	
Combined Factor	0.999955899	
AZI043-2001	85101.26350 N	38 15 21.72466 N
	361840.88340 E	85 49 43.01384 W
Elevation	139.23350	105.971
Convergence	-00 58 55.21681	
Scale Factor	0.999968840	
Combined Factor	0.999946991	
AZI044-2001	63835.46480 N	38 03 49.94244 N
	357993.53490 E	85 52 05.87011 W
Elevation	137.41980	104.354
Convergence	-01 00 24.08302	
Scale Factor	0.999986714	
Combined Factor	0.999965149	
AZII64L21-2001	80175.46860 N	38 13 00.07533 N
	399541.08920 E	85 23 49.92698 W
Elevation	223.92210	190.538
Convergence	-00 42 49.09233	
Scale Factor	0.999971591	
Combined Factor	0.999936453	
AZI861-2001	96768.61740 N	38 21 49.77655 N
	380534.45510 E	85 37 01.31970 W
Elevation	140.79740	107.400
Convergence	-00 51 01.39183	
Scale Factor	0.999963701	
Combined Factor	0.999941607	

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AZI8611-2001	77898.30380 N	38 11 25.48488 N
	357132.62140 E	85 52 51.39697 W
Elevation	139.58690	106.425
Convergence	-01 00 52.40379	
Scale Factor	0.999973689	
Combined Factor	0.999951785	
AZI8614-2001	64162.01200 N	38 03 58.65675 N
	354740.22350 E	85 54 19.55080 W
Elevation	132.81830	99.783
Convergence	-01 01 47.24140	
Scale Factor	0.999986419	
Combined Factor	0.999965576	
AZI8615-2001	59912.24060 N	38 01 40.29104 N
	353794.57240 E	85 54 55.18734 W
Elevation	134.81980	101.819
Convergence	-01 02 09.40973	
Scale Factor	0.999991304	
Combined Factor	0.999970147	
AZI8616-2001	57123.28540 N	38 00 08.87628 N
	352142.87320 E	85 56 00.81051 W
Elevation	130.76900	97.802
Convergence	-01 02 50.23175	
Scale Factor	0.999994776	
Combined Factor	0.999974254	
AZI8618-2001	62699.80990 N	38 03 15.19832 N
	361698.75030 E	85 49 33.09522 W
Elevation	161.57240	128.480
Convergence	-00 58 49.04677	
Scale Factor	0.999987905	
Combined Factor	0.999962550	
AZI8620-2001	65400.04800 N	38 04 52.10588 N
	379700.43880 E	85 37 16.43494 W
Elevation	190.28530	156.992
Convergence	-00 51 10.79453	
Scale Factor	0.999984652	
Combined Factor	0.999954791	

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AZI8622-2001	66870.92810 N	38 05 45.11190 N
	391239.92760 E	85 29 23.79025 W
Elevation	205.29130	171.874
Convergence	-00 46 16.77775	
Scale Factor	0.999982964	
Combined Factor	0.999950749	
AZI8624-2001	72086.82490 N	38 08 36.84932 N
	397322.90400 E	85 25 16.87946 W
Elevation	205.34660	171.907
Convergence	-00 43 43.18263	
Scale Factor	0.999977947	
Combined Factor	0.999945723	
AZI8627-2001	85385.62590 N	38 15 48.37101 N
	397890.17650 E	85 25 00.50309 W
Elevation	216.68680	183.338
Convergence	-00 43 32.99542	
Scale Factor	0.999968374	
Combined Factor	0.999934371	
AZI8628-2001	87963.22670 N	38 17 10.09018 N
	393429.26280 E	85 28 05.39356 W
Elevation	192.22660	158.898
Convergence	-00 45 28.00973	
Scale Factor	0.999967051	
Combined Factor	0.999936886	
AZI8629-2001	93064.55630 N	38 19 51.93022 N
	385356.34380 E	85 33 40.53981 W
Elevation	210.48320	177.134
Convergence	-00 48 56.49324	
Scale Factor	0.999964890	
Combined Factor	0.999931860	
AZI863-2001	91814.12310 N	38 19 07.84136 N
	377932.85860 E	85 38 45.38180 W
Elevation	132.74840	99.389
Convergence	-00 52 06.12545	
Scale Factor	0.999965418	
Combined Factor	0.999944587	

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AZI8632-2001	80451.74400 N	38 13 06.09083 N
	392499.42010 E	85 28 39.53250 W
Elevation	178.52370	145.195
Convergence	-00 45 49.24644	
Scale Factor	0.999971465	
Combined Factor	0.999943450	
AZI8633-2001	77958.94990 N	38 11 44.06150 N
	389786.46010 E	85 30 29.65329 W
Elevation	217.90350	184.576
Convergence	-00 46 57.74899	
Scale Factor	0.999973261	
Combined Factor	0.999939067	
AZI8634-2001	74814.78080 N	38 10 01.94633 N
	389450.64830 E	85 30 41.68320 W
Elevation	206.73230	173.388
Convergence	-00 47 05.23240	
Scale Factor	0.999975716	
Combined Factor	0.999943274	
AZI8635-2001	71754.63150 N	38 08 22.78133 N
	389623.32720 E	85 30 32.87140 W
Elevation	171.64720	138.284
Convergence	-00 46 59.75086	
Scale Factor	0.999978332	
Combined Factor	0.999951396	
AZI8636-2001	69308.87860 N	38 07 00.94620 N
	384080.54930 E	85 34 19.02629 W
Elevation	200.51450	167.196
Convergence	-00 49 20.43442	
Scale Factor	0.999980664	
Combined Factor	0.999949198	
AZI8637-2001	71608.46100 N	38 08 14.98070 N
	382924.13750 E	85 35 07.86450 W
Elevation	204.96240	171.664
Convergence	-00 49 50.81507	
Scale Factor	0.999978548	
Combined Factor	0.999946384	

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AZI8638-2001	74762.41620 N	38 09 57.94568 N
	384383.69310 E	85 34 09.78953 W
Elevation	225.46160	192.159
Convergence	-00 49 14.68853	
Scale Factor	0.999975817	
Combined Factor	0.999940437	
AZI864-2001	89941.50210 N	38 18 06.32900 N
	376345.95800 E	85 39 49.51946 W
Elevation	137.38400	104.037
Convergence	-00 52 46.02339	
Scale Factor	0.999966231	
Combined Factor	0.999944672	
AZI8640-2001	83790.21500 N	38 14 50.22082 N
	383323.63690 E	85 34 58.70022 W
Elevation	193.60720	160.305
Convergence	-00 49 45.11427	
Scale Factor	0.999969411	
Combined Factor	0.999939030	
AZI8641-2001	83274.50800 N	38 14 36.04790 N
	388892.51550 E	85 31 09.39918 W
Elevation	221.68010	188.373
Convergence	-00 47 22.47360	
Scale Factor	0.999969676	
Combined Factor	0.999934889	
AZI8642-2001	80501.04020 N	38 12 58.10460 N
	372235.99640 E	85 42 32.50026 W
Elevation	152.62730	119.346
Convergence	-00 54 27.40841	
Scale Factor	0.999971633	
Combined Factor	0.999947682	
BA36-01	82787.71060 N	38 14 17.82152 N
	383561.71600 E	85 34 48.31442 W
Elevation	196.00400	162.704
Convergence	-00 49 38.65360	
Scale Factor	0.999970023	
Combined Factor	0.999939265	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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Name	Input	Output
BA50-01	82773.36100 N	38 14 23.09514 N
	396538.36150 E	85 25 54.72796 W
Elevation	191.46510	158.118
Convergence	-00 44 06.72694	
Scale Factor	0.999969922	
Combined Factor	0.999939876	
BA50-02	82688.51420 N	38 14 20.21320 N
	396225.68950 E	85 26 07.53987 W
Elevation	190.62610	157.281
Convergence	-00 44 14.69681	
Scale Factor	0.999969977	
Combined Factor	0.999940063	
BC41-01	81406.66980 N	38 13 35.35882 N
	388635.45550 E	85 31 18.90894 W
Elevation	202.97410	169.666
Convergence	-00 47 28.38931	
Scale Factor	0.999970862	
Combined Factor	0.999939011	
BC42-02	81272.60810 N	38 13 30.94746 N
	388493.24160 E	85 31 24.67931 W
Elevation	195.43680	162.129
Convergence	-00 47 31.97887	
Scale Factor	0.999970952	
Combined Factor	0.999940283	
BD15-01	80860.20430 N	38 13 05.78594 N
	364736.56810 E	85 47 41.00033 W
Elevation	142.02120	108.768
Convergence	-00 57 39.31621	
Scale Factor	0.999971471	
Combined Factor	0.999949185	
BD15-02	80664.93440 N	38 12 59.43600 N
	364704.19210 E	85 47 42.19648 W
Elevation	140.82320	107.571
Convergence	-00 57 40.06029	
Scale Factor	0.999971605	
Combined Factor	0.999949506	

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Name	Input	Output
BG11-01	78786.89380 N	38 11 56.44123 N
	360910.32390 E	85 50 16.80608 W
Elevation	135.87800	102.670
Convergence	-00 59 16.23786	
Scale Factor	0.999972980	
Combined Factor	0.999951657	
BH11-01	78366.76640 N	38 11 42.58713 N
	360499.51150 E	85 50 33.38921 W
Elevation	134.05780	100.857
Convergence	-00 59 26.55368	
Scale Factor	0.999973294	
Combined Factor	0.999952257	
BH26-01	78110.85090 N	38 11 41.90328 N
	374813.56440 E	85 40 45.02657 W
Elevation	143.28810	110.009
Convergence	-00 53 20.55255	
Scale Factor	0.999973310	
Combined Factor	0.999950825	
BH30-01	78444.58140 N	38 11 54.41016 N
	378206.15850 E	85 38 25.82317 W
Elevation	157.17990	123.893
Convergence	-00 51 53.95867	
Scale Factor	0.999973026	
Combined Factor	0.999948360	
BH31-01	78363.83390 N	38 11 52.07810 N
	378792.81540 E	85 38 01.66488 W
Elevation	159.06660	125.779
Convergence	-00 51 38.93059	
Scale Factor	0.999973078	
Combined Factor	0.999948117	
BL27-01	75617.60940 N	38 10 21.38014 N
	375473.51460 E	85 40 16.32665 W
Elevation	144.91220	111.640
Convergence	-00 53 02.69927	
Scale Factor	0.999975230	
Combined Factor	0.999952489	

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kyhpgn, Kentucky North - 1601, Meters
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Name	Input	Output
BL32-01	75858.66420 N	38 10 31.28953 N
	379726.61710 E	85 37 21.75654 W
Elevation	182.31690	149.034
Convergence	-00 51 14.10492	
Scale Factor	0.999974985	
Combined Factor	0.999946375	
BM11-03	75245.89980 N	38 10 01.42736 N
	360579.93670 E	85 50 27.86894 W
Elevation	136.22130	103.048
Convergence	-00 59 23.11970	
Scale Factor	0.999975729	
Combined Factor	0.999954352	
BM27-01	75196.76930 N	38 10 07.72257 N
	375453.62310 E	85 40 16.87699 W
Elevation	145.39180	112.121
Convergence	-00 53 03.04162	
Scale Factor	0.999975570	
Combined Factor	0.999952755	
BM32-02	75359.41920 N	38 10 15.07791 N
	379682.66460 E	85 37 23.25639 W
Elevation	180.95750	147.675
Convergence	-00 51 15.03793	
Scale Factor	0.999975386	
Combined Factor	0.999946990	
BN24-01	74508.23830 N	38 09 43.90735 N
	372517.78900 E	85 42 17.02654 W
Elevation	139.12970	105.874
Convergence	-00 54 17.78272	
Scale Factor	0.999976175	
Combined Factor	0.999954342	
BN24-02	74534.73080 N	38 09 44.60786 N
	372208.50720 E	85 42 29.74709 W
Elevation	139.72350	106.469
Convergence	-00 54 25.69575	
Scale Factor	0.999976157	
Combined Factor	0.999954230	

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Name	Input	Output
BOWMAN-RESET	81239.42080 N	38 13 23.97897 N
	376047.94150 E	85 39 56.27913 W
Elevation	163.79700	130.504
Convergence	-00 52 50.22836	
Scale Factor	0.999971094	
Combined Factor	0.999945390	
BP20-01	73693.31820 N	38 09 15.38689 N
	368494.50660 E	85 45 01.73067 W
Elevation	138.07680	104.851
Convergence	-00 56 00.23976	
Scale Factor	0.999976916	
Combined Factor	0.999955248	
BP35-02	73712.28360 N	38 09 22.01028 N
	380405.83160 E	85 36 52.54678 W
Elevation	201.56590	168.284
Convergence	-00 50 55.93449	
Scale Factor	0.999976742	
Combined Factor	0.999945111	
BP35-03	73332.24420 N	38 09 09.66695 N
	380366.86680 E	85 36 53.91577 W
Elevation	206.64510	173.363
Convergence	-00 50 56.78609	
Scale Factor	0.999977067	
Combined Factor	0.999944639	
BR25-01	72335.40420 N	38 08 34.12800 N
	373860.89170 E	85 41 20.46584 W
Elevation	141.38770	108.133
Convergence	-00 53 42.59816	
Scale Factor	0.999978021	
Combined Factor	0.999955834	
BR25-02	72093.84300 N	38 08 26.34683 N
	373964.58790 E	85 41 16.05293 W
Elevation	142.09520	108.841
Convergence	-00 53 39.85304	
Scale Factor	0.999978234	
Combined Factor	0.999955936	

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Name	Input	Output
BS30-01	71743.99800 N	38 08 17.00990 N
	377996.14620 E	85 38 30.29246 W
Elevation	194.24290	160.973
Convergence	-00 51 56.73887	
Scale Factor	0.999978492	
Combined Factor	0.999948010	
BS30-02	71911.55690 N	38 08 22.45572 N
	378020.49370 E	85 38 29.39669 W
Elevation	190.02840	156.758
Convergence	-00 51 56.18164	
Scale Factor	0.999978341	
Combined Factor	0.999948521	
BT09-01	71247.30600 N	38 07 50.60236 N
	358529.75330 E	85 51 49.20280 W
Elevation	135.96430	102.842
Convergence	-01 00 13.71484	
Scale Factor	0.999979231	
Combined Factor	0.999957894	
BT23-01	70884.98610 N	38 07 46.29429 N
	372296.49400 E	85 42 23.76222 W
Elevation	140.87140	107.631
Convergence	-00 54 21.97276	
Scale Factor	0.999979353	
Combined Factor	0.999957246	
BT23-01ECC	70965.20500 N	38 07 48.75176 N
	372016.09210 E	85 42 35.32636 W
Elevation	139.78120	106.543
Convergence	-00 54 29.16644	
Scale Factor	0.999979283	
Combined Factor	0.999957348	
BU07-01	70289.22140 N	38 07 18.88671 N
	357396.41710 E	85 52 35.03681 W
Elevation	136.38240	103.279
Convergence	-01 00 42.22667	
Scale Factor	0.999980140	
Combined Factor	0.999958738	

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Name	Input	Output
BU20-01	70202.48270 N	38 07 22.25612 N
	368634.42920 E	85 44 53.65196 W
Elevation	139.22810	106.021
Convergence	-00 55 55.21426	
Scale Factor	0.999980042	
Combined Factor	0.999958193	
BV20-01	69637.08780 N	38 07 03.89837 N
	368591.83760 E	85 44 55.02272 W
Elevation	146.14240	112.939
Convergence	-00 55 56.06697	
Scale Factor	0.999980577	
Combined Factor	0.999957644	
CA09-01	66567.87450 N	38 05 19.26583 N
	359254.18430 E	85 51 16.11453 W
Elevation	147.09050	113.995
Convergence	-00 59 53.13171	
Scale Factor	0.999983779	
Combined Factor	0.999960696	
CA09-02	66619.31470 N	38 05 20.62940 N
	358716.13240 E	85 51 38.22825 W
Elevation	135.99290	102.902
Convergence	-01 00 06.88792	
Scale Factor	0.999983735	
Combined Factor	0.999962395	
CA20-01	66882.66340 N	38 05 34.65877 N
	368751.37930 E	85 44 46.63688 W
Elevation	157.33720	124.150
Convergence	-00 55 50.85041	
Scale Factor	0.999983292	
Combined Factor	0.999958602	
CA20-02	66686.91220 N	38 05 28.40240 N
	368925.51210 E	85 44 39.36114 W
Elevation	161.21670	128.029
Convergence	-00 55 46.32441	
Scale Factor	0.999983489	
Combined Factor	0.999958190	

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Name	Input	Output
ECC86-43	84809.99020 N	38 15 15.53285 N
	367824.14910 E	85 45 36.74787 W
Elevation	140.25240	106.953
Convergence	-00 56 22.02282	
Scale Factor	0.999968950	
Combined Factor	0.999946941	
EDWARD 2	88306.87670 N	38 17 01.83167 N
	355090.45480 E	85 54 22.99743 W
Elevation	279.53000	246.322
Convergence	-01 01 49.38544	
Scale Factor	0.999967178	
Combined Factor	0.999923314	
GOSHEN RM 1	101602.22460 N	38 24 28.74241 N
	385229.92750 E	85 33 50.75967 W
Elevation	217.87200	184.438
Convergence	-00 49 02.85068	
Scale Factor	0.999962612	
Combined Factor	0.999928423	
GPS-#47	87970.43380 N	38 17 08.86404 N
	390078.49500 E	85 30 23.26510 W
Elevation	229.63370	196.316
Convergence	-00 46 53.77510	
Scale Factor	0.999967070	
Combined Factor	0.999931035	
GPS-#48	90232.81940 N	38 18 19.39298 N
	383838.22310 E	85 34 41.35974 W
Elevation	204.30850	170.977
Convergence	-00 49 34.32733	
Scale Factor	0.999966051	
Combined Factor	0.999933990	
GPS-#47-AZ	87666.06250 N	38 16 59.21585 N
	390582.69080 E	85 30 02.34996 W
Elevation	227.02780	193.710
Convergence	-00 46 40.76448	
Scale Factor	0.999967218	
Combined Factor	0.999931592	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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Name	Input	Output
GPS-#48-AZ	90602.80090 N	38 18 31.61362 N
	384314.57040 E	85 34 21.97410 W
Elevation	206.96320	173.630
Convergence	-00 49 22.26816	
Scale Factor	0.999965886	
Combined Factor	0.999933409	
GPS86-1	97192.43630 N	38 22 03.40573 N
	380296.09560 E	85 37 11.39699 W
Elevation	139.61740	106.215
Convergence	-00 51 07.66058	
Scale Factor	0.999963585	
Combined Factor	0.999941675	
GPS86-11	78355.59520 N	38 11 40.45990 N
	357386.89190 E	85 52 41.28160 W
Elevation	139.94410	106.775
Convergence	-01 00 46.11135	
Scale Factor	0.999973343	
Combined Factor	0.999951382	
GPS86-14	64656.71480 N	38 04 14.71718 N
	354771.20840 E	85 54 18.64455 W
Elevation	139.18120	106.143
Convergence	-01 01 46.67766	
Scale Factor	0.999985881	
Combined Factor	0.999964040	
GPS86-15	59666.18230 N	38 01 32.28887 N
	353755.48970 E	85 54 56.60714 W
Elevation	134.41780	101.418
Convergence	-01 02 10.29294	
Scale Factor	0.999991600	
Combined Factor	0.999970506	
GPS86-16	57041.35800 N	38 00 06.24430 N
	352184.67970 E	85 55 59.03584 W
Elevation	128.72250	95.756
Convergence	-01 02 49.12779	
Scale Factor	0.999994878	
Combined Factor	0.999974678	

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 kyhpgn, Kentucky North - 1601, Meters
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Name	Input	Output
GPS86-18	62474.65100 N	38 03 07.87103 N
	361652.50880 E	85 49 34.83362 W
Elevation	153.10220	120.011
Convergence	-00 58 50.12816	
Scale Factor	0.999988160	
Combined Factor	0.999964134	
GPS86-2	93762.32840 N	38 20 11.25859 N
	378419.47680 E	85 38 26.56221 W
Elevation	132.18680	98.812
Convergence	-00 51 54.41840	
Scale Factor	0.999964673	
Combined Factor	0.999943929	
GPS86-20	65376.20730 N	38 04 51.23461 N
	379497.39720 E	85 37 24.75083 W
Elevation	189.36130	156.070
Convergence	-00 51 15.96757	
Scale Factor	0.999984680	
Combined Factor	0.999954964	
GPS86-22	66930.57370 N	38 05 47.00594 N
	391147.66840 E	85 29 27.60933 W
Elevation	208.89580	175.480
Convergence	-00 46 19.15347	
Scale Factor	0.999982905	
Combined Factor	0.999950124	
GPS86-24	72398.49400 N	38 08 46.86246 N
	397093.99420 E	85 25 26.44276 W
Elevation	198.88660	165.452
Convergence	-00 43 49.13164	
Scale Factor	0.999977676	
Combined Factor	0.999946466	
GPS86-27	85675.18820 N	38 15 58.05227 N
	398600.01310 E	85 24 31.45540 W
Elevation	218.01120	184.658
Convergence	-00 43 14.92581	
Scale Factor	0.999968209	
Combined Factor	0.999933999	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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Name	Input	Output
GPS86-29	93634.03140 N	38 20 10.44500 N
	385458.18490 E	85 33 36.68052 W
Elevation	210.69130	177.338
Convergence	-00 48 54.09250	
Scale Factor	0.999964682	
Combined Factor	0.999931620	
GPS86-3	92239.02540 N	38 19 21.71877 N
	378132.83610 E	85 38 37.41486 W
Elevation	136.64060	103.278
Convergence	-00 52 01.16948	
Scale Factor	0.999965247	
Combined Factor	0.999943805	
GPS86-32	80391.89460 N	38 13 04.17632 N
	392560.55420 E	85 28 36.98669 W
Elevation	178.16000	144.830
Convergence	-00 45 47.66278	
Scale Factor	0.999971505	
Combined Factor	0.999943547	
GPS86-33	77637.94360 N	38 11 33.62588 N
	389729.33910 E	85 30 31.82031 W
Elevation	221.48820	188.159
Convergence	-00 46 59.09701	
Scale Factor	0.999973500	
Combined Factor	0.999938744	
GPS86-34	74731.66890 N	38 09 59.17369 N
	389276.79580 E	85 30 48.77783 W
Elevation	211.14580	177.803
Convergence	-00 47 09.64573	
Scale Factor	0.999975786	
Combined Factor	0.999942652	
GPS86-35	71966.05280 N	38 08 29.66793 N
	389691.29890 E	85 30 30.19895 W
Elevation	171.47020	138.108
Convergence	-00 46 58.08842	
Scale Factor	0.999978143	
Combined Factor	0.999951235	

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Name	Input	Output
GPS86-36	68842.03000 N	38 06 45.84855 N
	384171.47270 E	85 34 15.01914 W
Elevation	203.54420	170.220
Convergence	-00 49 17.94170	
Scale Factor	0.999981111	
Combined Factor	0.999949170	
GPS86-37	71616.17370 N	38 08 15.17101 N
	382797.01170 E	85 35 13.08895 W
Elevation	201.64920	168.352
Convergence	-00 49 54.06502	
Scale Factor	0.999978542	
Combined Factor	0.999946899	
GPS86-38	74935.04380 N	38 10 03.51636 N
	384324.23490 E	85 34 12.33352 W
Elevation	225.24140	191.940
Convergence	-00 49 16.27106	
Scale Factor	0.999975676	
Combined Factor	0.999940330	
GPS86-4	90044.08830 N	38 18 09.71723 N
	376469.47740 E	85 39 44.50102 W
Elevation	137.34680	103.999
Convergence	-00 52 42.90159	
Scale Factor	0.999966184	
Combined Factor	0.999944630	
GPS86-40	83825.49510 N	38 14 51.48488 N
	383579.45050 E	85 34 48.20146 W
Elevation	194.02900	160.726
Convergence	-00 49 38.58333	
Scale Factor	0.999969388	
Combined Factor	0.999938940	
GPS86-41	83387.68790 N	38 14 39.58678 N
	388598.57370 E	85 31 21.55058 W
Elevation	224.67750	191.371
Convergence	-00 47 30.03259	
Scale Factor	0.999969609	
Combined Factor	0.999934352	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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Name	Input	Output
GPS86-42	80735.21730 N	38 13 05.82814 N
	372488.07930 E	85 42 22.29081 W
Elevation	155.29880	122.016
Convergence	-00 54 21.05745	
Scale Factor	0.999971470	
Combined Factor	0.999947100	
GPS86-43	84759.79140 N	38 15 13.91802 N
	367848.69670 E	85 45 35.70450 W
Elevation	140.17490	106.876
Convergence	-00 56 21.37377	
Scale Factor	0.999968979	
Combined Factor	0.999946982	
GPS86-5	87391.66070 N	38 16 42.04564 N
	373182.80230 E	85 41 58.04020 W
Elevation	131.68290	98.355
Convergence	-00 54 05.97194	
Scale Factor	0.999967488	
Combined Factor	0.999946823	
GPS86-7	88584.19170 N	38 17 16.06258 N
	364368.47770 E	85 48 01.47538 W
Elevation	141.41290	108.104
Convergence	-00 57 52.05307	
Scale Factor	0.999966960	
Combined Factor	0.999944769	
GPS86-8	87513.32410 N	38 16 39.79787 N
	361579.09130 E	85 49 55.48431 W
Elevation	133.26730	99.990
Convergence	-00 59 02.97428	
Scale Factor	0.999967523	
Combined Factor	0.999946610	
H 323 ECC	78678.61050 N	38 11 50.44779 N
	356540.09950 E	85 53 16.31281 W
Elevation	131.43600	98.276
Convergence	-01 01 07.90312	
Scale Factor	0.999973115	
Combined Factor	0.999952490	

Original Horizontal Coordinates:
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Name	Input	Output
I64-L-21	80065.05600 N	38 12 56.61022 N
	399827.76700 E	85 23 38.08632 W
Elevation	228.31700	194.930
Convergence	-00 42 41.72665	
Scale Factor	0.999971664	
Combined Factor	0.999935836	
I71-T4-AZ	87310.06090 N	38 16 39.42017 N
	373223.41810 E	85 41 56.31647 W
Elevation	132.00340	98.676
Convergence	-00 54 04.89966	
Scale Factor	0.999967529	
Combined Factor	0.999946815	
J 334 ECC	56766.71880 N	37 59 56.67090 N
	351062.83120 E	85 56 44.80346 W
Elevation	134.63700	101.683
Convergence	-01 03 17.59833	
Scale Factor	0.999995254	
Combined Factor	0.999974125	
KY 05	78221.30000 N	38 11 42.85080 N
	369684.06000 E	85 44 15.88100 W
Elevation	149.14840	115.890
Convergence	-00 55 31.71819	
Scale Factor	0.999973288	
Combined Factor	0.999949883	
LOUSVILLE-SOUTH-BASE	73453.72700 N	38 09 03.69569 N
	361270.45800 E	85 49 58.24028 W
Elevation	143.31660	110.153
Convergence	-00 59 04.68869	
Scale Factor	0.999977225	
Combined Factor	0.999954735	
MF 1	82460.10710 N	38 13 55.90652 N
	361535.57830 E	85 49 53.70440 W
Elevation	133.38770	100.146
Convergence	-00 59 01.86706	
Scale Factor	0.999970451	
Combined Factor	0.999949519	

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Name	Input	Output
MF 2	82169.01710 N	38 13 46.41437 N
	361441.18900 E	85 49 57.37931 W
Elevation	132.09250	98.854
Convergence	-00 59 04.15310	
Scale Factor	0.999970640	
Combined Factor	0.999949911	
RILEY-3	66623.58950 N	38 05 28.33809 N
	372762.28400 E	85 42 01.88365 W
Elevation	165.35950	132.131
Convergence	-00 54 08.36282	
Scale Factor	0.999983491	
Combined Factor	0.999957542	
RILEY-3-AZ	68978.00810 N	38 06 44.64457 N
	372672.23720 E	85 42 07.10170 W
Elevation	154.84140	121.608
Convergence	-00 54 11.60880	
Scale Factor	0.999981147	
Combined Factor	0.999956849	
SDF A	76368.02800 N	38 10 42.96337 N
	370090.23900 E	85 43 57.96417 W
Elevation	145.95910	112.708
Convergence	-00 55 20.57271	
Scale Factor	0.999974700	
Combined Factor	0.999951796	
SIMS	87047.86640 N	38 16 27.00834 N
	365779.76210 E	85 47 02.35650 W
Elevation	141.59030	108.284
Convergence	-00 57 15.27714	
Scale Factor	0.999967729	
Combined Factor	0.999945510	
SPEER	87204.99640 N	38 16 31.97816 N
	365547.29820 E	85 47 12.02707 W
Elevation	141.55140	108.246
Convergence	-00 57 21.29289	
Scale Factor	0.999967649	
Combined Factor	0.999945436	

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Name	Input	Output
STA001-2001	66897.79640 N	38 05 32.25145 N
	363361.49540 E	85 48 27.81481 W
Elevation	151.91300	118.780
Convergence	-00 58 08.43796	
Scale Factor	0.999983368	
Combined Factor	0.999959528	
STA002-2001	68742.70370 N	38 06 30.77224 N
	360998.87640 E	85 50 06.06354 W
Elevation	145.56440	112.439
Convergence	-00 59 09.55528	
Scale Factor	0.999981563	
Combined Factor	0.999958720	
STA003-2001	68795.27600 N	38 06 33.91237 N
	363594.75160 E	85 48 19.55850 W
Elevation	146.40660	113.258
Convergence	-00 58 03.30198	
Scale Factor	0.999981469	
Combined Factor	0.999958494	
STA004-2001	73129.67300 N	38 08 53.80575 N
	362385.01610 E	85 49 12.24245 W
Elevation	144.22080	111.051
Convergence	-00 58 36.07494	
Scale Factor	0.999977489	
Combined Factor	0.999954857	
STA005-2001	76267.61370 N	38 10 32.13840 N
	356323.05540 E	85 53 23.46752 W
Elevation	135.86250	102.724
Convergence	-01 01 12.35383	
Scale Factor	0.999974964	
Combined Factor	0.999953644	
STA006-2001	76029.33120 N	38 10 29.67112 N
	365741.10980 E	85 46 56.40500 W
Elevation	145.70660	112.486
Convergence	-00 57 11.57491	
Scale Factor	0.999975025	
Combined Factor	0.999952160	

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Name	Input	Output
STA008-2001	83130.22320 N	38 14 26.79775 N
	379096.69130 E	85 37 52.11469 W
Elevation	156.37360	123.071
Convergence	-00 51 32.98973	
Scale Factor	0.999969851	
Combined Factor	0.999945312	
STA009-2001	74046.48220 N	38 09 31.26515 N
	377155.41270 E	85 39 06.25218 W
Elevation	155.01030	121.737
Convergence	-00 52 19.10824	
Scale Factor	0.999976501	
Combined Factor	0.999952176	
STA010-2001	69617.93360 N	38 07 06.60704 N
	375061.24150 E	85 40 29.44966 W
Elevation	163.92420	130.671
Convergence	-00 53 10.86266	
Scale Factor	0.999980498	
Combined Factor	0.999954774	
STA011-2001	69429.42420 N	38 07 03.06010 N
	380285.67920 E	85 36 54.87404 W
Elevation	209.43160	176.147
Convergence	-00 50 57.38220	
Scale Factor	0.999980602	
Combined Factor	0.999947737	
STA012-2001	66436.13620 N	38 05 24.41013 N
	377045.95190 E	85 39 05.99086 W
Elevation	181.73750	148.470
Convergence	-00 52 18.94568	
Scale Factor	0.999983615	
Combined Factor	0.999955096	
STA013-2001	66177.48740 N	38 05 18.25812 N
	381662.96890 E	85 35 56.38227 W
Elevation	205.47680	172.167
Convergence	-00 50 20.99638	
Scale Factor	0.999983811	
Combined Factor	0.999951566	

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Name	Input	Output
STA014-2001	66377.34190 N	38 05 27.90751 N
	388531.64250 E	85 31 14.65176 W
Elevation	209.71770	176.329
Convergence	-00 47 25.74106	
Scale Factor	0.999983505	
Combined Factor	0.999950595	
STA015-2001	69127.19830 N	38 06 56.58929 N
	387426.53810 E	85 32 01.57217 W
Elevation	201.89420	168.536
Convergence	-00 47 54.92871	
Scale Factor	0.999980793	
Combined Factor	0.999949110	
STA016-2001	72186.39750 N	38 08 34.72813 N
	385080.85910 E	85 33 39.64595 W
Elevation	223.27770	189.963
Convergence	-00 48 55.93719	
Scale Factor	0.999978005	
Combined Factor	0.999942967	
STA017-2001	73586.20410 N	38 09 23.56041 N
	392781.58070 E	85 28 24.18496 W
Elevation	172.20850	138.829
Convergence	-00 45 39.69924	
Scale Factor	0.999976701	
Combined Factor	0.999949678	
STA018-2001	77293.23280 N	38 11 20.63757 N
	385720.34930 E	85 33 16.35646 W
Elevation	195.49090	162.186
Convergence	-00 48 41.44956	
Scale Factor	0.999973802	
Combined Factor	0.999943125	
STA019-2001	77699.17640 N	38 11 32.13107 N
	382138.39990 E	85 35 43.78080 W
Elevation	200.06730	166.777
Convergence	-00 50 13.15742	
Scale Factor	0.999973535	
Combined Factor	0.999942140	

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Name	Input	Output
STA020-2001	79575.24270 N	38 12 34.26882 N
	384908.63580 E	85 33 51.04754 W
Elevation	204.80120	171.502
Convergence	-00 49 03.02975	
Scale Factor	0.999972143	
Combined Factor	0.999940005	
STA021-2001	86394.76450 N	38 16 15.12623 N
	384266.25230 E	85 34 21.47555 W
Elevation	200.63230	167.321
Convergence	-00 49 21.95802	
Scale Factor	0.999967924	
Combined Factor	0.999936440	
STA022-2001	88156.43670 N	38 17 13.13365 N
	386164.61900 E	85 33 04.40799 W
Elevation	217.37490	184.059
Convergence	-00 48 34.01681	
Scale Factor	0.999967005	
Combined Factor	0.999932894	
STA023-2001	89680.13380 N	38 18 00.86872 N
	382560.19170 E	85 35 33.62605 W
Elevation	193.10020	159.769
Convergence	-00 50 06.84048	
Scale Factor	0.999966307	
Combined Factor	0.999936005	
STA024-2001	92165.38330 N	38 19 20.44551 N
	380426.23510 E	85 37 02.96191 W
Elevation	184.07220	150.716
Convergence	-00 51 02.41340	
Scale Factor	0.999965262	
Combined Factor	0.999936377	
STA025-2001	92815.68090 N	38 19 43.34952 N
	384257.43320 E	85 34 25.63482 W
Elevation	201.00040	167.651
Convergence	-00 49 24.54536	
Scale Factor	0.999964989	
Combined Factor	0.999933448	

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Name	Input	Output
STA027-2001	80183.15260 N	38 12 59.25957 N
	396938.47450 E	85 25 36.91459 W
Elevation	219.71160	186.348
Convergence	-00 43 55.64582	
Scale Factor	0.999971608	
Combined Factor	0.999937131	
STA028-2001	77452.33570 N	38 11 29.06714 N
	393075.20220 E	85 28 14.22982 W
Elevation	175.27010	141.916
Convergence	-00 45 33.50648	
Scale Factor	0.999973606	
Combined Factor	0.999946102	
STA029-2001	75243.72820 N	38 10 18.44263 N
	395432.15030 E	85 26 36.20261 W
Elevation	199.00280	165.612
Convergence	-00 44 32.52696	
Scale Factor	0.999975303	
Combined Factor	0.999944074	
STA030-2001	69856.11420 N	38 07 23.79500 N
	395613.77240 E	85 26 25.88049 W
Elevation	228.03060	194.587
Convergence	-00 44 26.10591	
Scale Factor	0.999979997	
Combined Factor	0.999944214	
STA031-2001	71185.71240 N	38 07 53.15525 N
	366778.48530 E	85 46 10.50618 W
Elevation	137.80320	104.606
Convergence	-00 56 43.02276	
Scale Factor	0.999979158	
Combined Factor	0.999957533	
STA032-2001	76652.13490 N	38 11 02.45527 N
	391547.98550 E	85 29 16.54354 W
Elevation	168.37370	135.025
Convergence	-00 46 12.26980	
Scale Factor	0.999974232	
Combined Factor	0.999947810	

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Name	Input	Output
STA035-2001	76902.38630 N	38 11 13.00323 N
	397278.95760 E	85 25 21.20173 W
Elevation	199.57200	166.180
Convergence	-00 43 45.87137	
Scale Factor	0.999973982	
Combined Factor	0.999942664	
STA036-2001	65147.87580 N	38 04 46.67202 N
	385524.75070 E	85 33 17.32329 W
Elevation	157.07490	123.717
Convergence	-00 48 42.05100	
Scale Factor	0.999984828	
Combined Factor	0.999960179	
STA037-2001	85534.06920 N	38 15 51.39506 N
	393622.60120 E	85 27 56.11942 W
Elevation	188.87430	155.548
Convergence	-00 45 22.24059	
Scale Factor	0.999968323	
Combined Factor	0.999938684	
STA039-2001	82100.66830 N	38 13 59.96744 N
	393432.16720 E	85 28 02.08600 W
Elevation	206.93370	173.606
Convergence	-00 45 25.95221	
Scale Factor	0.999970371	
Combined Factor	0.999937898	
STA040-2001	85484.14890 N	38 15 47.84729 N
	389207.85580 E	85 30 57.68116 W
Elevation	215.54940	182.239
Convergence	-00 47 15.18420	
Scale Factor	0.999968383	
Combined Factor	0.999934559	
STA042-2001	73180.05650 N	38 08 51.43587 N
	355324.08230 E	85 54 02.23178 W
Elevation	139.67210	106.572
Convergence	-01 01 36.46781	
Scale Factor	0.999977553	
Combined Factor	0.999955634	

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Name	Input	Output
STA043-2001	84894.74730 N	38 15 14.97539 N
	361746.82580 E	85 49 46.73635 W
Elevation	139.00740	105.747
Convergence	-00 58 57.53247	
Scale Factor	0.999968960	
Combined Factor	0.999947147	
STA044-2001	63575.54650 N	38 03 41.49244 N
	357956.28240 E	85 52 07.21071 W
Elevation	136.74310	103.680
Convergence	-01 00 24.91697	
Scale Factor	0.999987001	
Combined Factor	0.999965542	
STA045-2001	81206.05530 N	38 13 13.69973 N
	358797.02250 E	85 51 45.38920 W
Elevation	131.11820	97.913
Convergence	-01 00 11.34252	
Scale Factor	0.999971306	
Combined Factor	0.999950730	
STA046-2001	70543.56950 N	38 07 25.52761 N
	354617.14750 E	85 54 29.31199 W
Elevation	131.15060	98.080
Convergence	-01 01 53.31352	
Scale Factor	0.999979947	
Combined Factor	0.999959366	
TV-1	80854.79600 N	38 13 13.01981 N
	379123.47590 E	85 37 49.61096 W
Elevation	164.88670	131.592
Convergence	-00 51 31.43224	
Scale Factor	0.999971320	
Combined Factor	0.999945446	
WC 1	66331.16120 N	38 05 09.44628 N
	355510.19900 E	85 53 49.55916 W
Elevation	135.82340	102.768
Convergence	-01 01 28.58458	
Scale Factor	0.999984092	
Combined Factor	0.999962778	

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Name	Input	Output
WC 2	66152.00760 N	38 05 03.77578 N
	355750.32100 E	85 53 39.57591 W
Elevation	135.99530	102.938
Convergence	-01 01 22.37433	
Scale Factor	0.999984274	
Combined Factor	0.999962933	
X 349	88643.37440 N	38 17 23.41446 N
	374714.37420 E	85 40 55.83289 W
Elevation	132.21100	98.872
Convergence	-00 53 27.27481	
Scale Factor	0.999966850	
Combined Factor	0.999946103	
HORRODS	106000.55300 N	38 26 55.87997 N
	395410.32600 E	85 26 53.53719 W
Elevation	243.82840	210.325
Convergence	-00 44 43.31023	
Scale Factor	0.999962131	
Combined Factor	0.999923869	
KY 13	44892.96200 N	37 53 49.22779 N
	384287.99800 E	85 33 56.19390 W
Elevation	207.32430	173.901
Convergence	-00 49 06.23113	
Scale Factor	1.000011272	
Combined Factor	0.999978737	
LOUISVILLE 2 CORS L1	57164.60500 N	38 00 37.03740 N
	407896.31090 E	85 17 55.69832 W
Elevation	225.95340	192.235
Convergence	-00 39 08.73829	
Scale Factor	0.999993685	
Combined Factor	0.999958227	
SDF E	77418.10100 N	38 11 16.87353 N
	369817.18500 E	85 44 09.87805 W
Elevation	149.08170	115.827
Convergence	-00 55 27.98395	
Scale Factor	0.999973891	
Combined Factor	0.999950496	

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Name	Input	Output
SNOW RMA	45556.30390 N	37 53 50.01693 N
	345917.90550 E	86 00 06.90027 W
Elevation	272.98280	240.211
Convergence	-01 05 23.31613	
Scale Factor	1.000011235	
Combined Factor	0.999968396	
AZI86-2-2001	93825.64452 N	38 20 13.29834 N
	378391.86291 E	85 38 27.73852 W
Elevation	131.49098	98.115
Convergence	-00 51 55.15015	
Scale Factor	0.999964650	
Combined Factor	0.999944016	
GPS86-28	87751.35676 N	38 17 03.30762 N
	393635.57316 E	85 27 56.78978 W
Elevation	202.22911	168.901
Convergence	-00 45 22.65760	
Scale Factor	0.999967155	
Combined Factor	0.999935420	
BT23-02	70994.11064 N	38 07 49.66061 N
	371960.57500 E	85 42 37.62446 W
Elevation	140.15037	106.912
Convergence	-00 54 30.59601	
Scale Factor	0.999979257	
Combined Factor	0.999957264	
AZI86-43-2001	84944.48806 N	38 15 20.03628 N
	368091.16434 E	85 45 25.85730 W
Elevation	0.00000	-33.301
Convergence	-00 56 15.24815	
Scale Factor	0.999968870	
Combined Factor	0.999968870	