

CORPSCON Conversion to UTM

2001 Geodetic Control Densification

of

Jefferson County, Kentucky

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
31 K ECC	55213.43370 N	4205286.80363 N
	371332.92970 E	612862.16329 E
Elevation	136.04500	136.04500
Convergence	-00 54 40.21580	00 47 28.16160
Scale Factor	0.999996809	0.999756883
Combined Factor	0.999975459	0.999735538
489.78 ECC	59655.06990 N	4210692.57466 N
	403901.44560 E	645278.34742 E
Elevation	149.57800	149.57800
Convergence	-00 40 51.35679	01 01 12.22389
Scale Factor	0.999990716	0.999859946
Combined Factor	0.999967243	0.999836476
GPS86-28-ECC	87744.62750 N	4238461.11356 N
	393651.64180 E	634199.29037 E
Elevation	202.25970	202.25970
Convergence	-00 45 22.24406	00 57 02.89631
Scale Factor	0.999967158	0.999821796
Combined Factor	0.999935419	0.999790062
AN40-01	90239.87950 N	4240774.30288 N
	387589.97930 E	628066.92622 E
Elevation	214.55320	214.55320
Convergence	-00 47 58.27865	00 54 28.99353
Scale Factor	0.999966024	0.999801987
Combined Factor	0.999932356	0.999768325
AN40-02	90532.77450 N	4241061.56033 N
	387406.74150 E	627875.07336 E
Elevation	222.71080	222.71080
Convergence	-00 48 03.07469	00 54 24.40115
Scale Factor	0.999965897	0.999801382
Combined Factor	0.999930949	0.999766440
AR32-01	87909.07640 N	4238202.85801 N
	379463.73450 E	620015.16456 E
Elevation	181.08670	181.08670
Convergence	-00 51 25.42992	00 51 01.00593
Scale Factor	0.999967176	0.999777387
Combined Factor	0.999938759	0.999748976

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Name	Input	Output
AS32-01	87674.50950 N 379613.36450 E	4237972.89693 N 620171.68713 E
Elevation	178.59070	178.59070
Convergence	-00 51 21.51064	00 51 04.76898
Scale Factor	0.999967293	0.999777851
Combined Factor	0.999939268	0.999749831
AU28-01	86191.14940 N 376264.78060 E	4236390.74189 N 616869.42512 E
Elevation	173.49100	173.49100
Convergence	-00 52 46.62746	00 49 39.05918
Scale Factor	0.999968098	0.999768211
Combined Factor	0.999940873	0.999740991
AV28-01	85916.79050 N 375945.20120 E	4236107.04123 N 616558.22320 E
Elevation	169.88180	169.88180
Convergence	-00 52 54.69678	00 49 30.85717
Scale Factor	0.999968251	0.999767316
Combined Factor	0.999941592	0.999740663
AW34-01	85125.58170 N 381606.62390 E	4235484.94368 N 622239.60600 E
Elevation	175.18600	175.18600
Convergence	-00 50 29.53880	00 51 54.98354
Scale Factor	0.999968646	0.999784025
Combined Factor	0.999941155	0.999756540
AW34-02	85276.44120 N 381822.84740 E	4235642.14755 N 622451.20118 E
Elevation	175.79360	175.79360
Convergence	-00 50 24.06329	00 52 00.53181
Scale Factor	0.999968559	0.999784663
Combined Factor	0.999940972	0.999757082
AZ36-01	82967.46600 N 383387.17270 E	4233381.19634 N 624083.30019 E
Elevation	194.59300	194.59300
Convergence	-00 49 43.18454	00 52 39.79916
Scale Factor	0.999969913	0.999789619
Combined Factor	0.999939377	0.999759089

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Name	Input	Output
AZ862-ECC	93739.31630 N 378418.94180 E	4243998.26702 N 618797.30827 E
Elevation	132.25930	132.25930
Convergence	-00 51 54.42321	00 50 35.62939
Scale Factor	0.999964681	0.999773803
Combined Factor	0.999943926	0.999753053
AZIBH2601-2001	78070.81220 N 375321.16600 E	4228247.56242 N 616168.18942 E
Elevation	144.99070	144.99070
Convergence	-00 53 07.56131	00 49 13.41210
Scale Factor	0.999973334	0.999766201
Combined Factor	0.999950581	0.999743453
AZIBM1103-2001	75005.81780 N 360424.01450 E	4224741.25818 N 601372.26569 E
Elevation	136.07810	136.07810
Convergence	-00 59 26.99767	00 42 54.43741
Scale Factor	0.999975928	0.999726560
Combined Factor	0.999954574	0.999705211
AZIBP2001-2001	73839.83690 N 368326.24930 E	4223811.23184 N 609303.80402 E
Elevation	139.20660	139.20660
Convergence	-00 56 04.59939	00 46 14.97028
Scale Factor	0.999976793	0.999747140
Combined Factor	0.999954948	0.999725300
AZIBT0901-2001	71371.07200 N 358601.98750 E	4221054.82114 N 599659.67247 E
Elevation	135.51240	135.51240
Convergence	-01 00 11.92542	00 42 07.94183
Scale Factor	0.999979116	0.999722321
Combined Factor	0.999957851	0.999701061
AZIBU0701-2001	70210.96060 N 356982.47670 E	4219847.33727 N 598075.81684 E
Elevation	132.92630	132.92630
Convergence	-01 00 52.76149	00 41 26.80538
Scale Factor	0.999980220	0.999718464
Combined Factor	0.999959361	0.999697610

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Name	Input	Output
AZITV1-2001	80608.26790 N 379303.51190 E	4230901.91661 N 620072.44624 E
Elevation	168.87330	168.87330
Convergence	-00 51 26.73414	00 50 55.25405
Scale Factor	0.999971485	0.999777559
Combined Factor	0.999944985	0.999751064
AZIX349-2001	88453.57260 N 374447.52210 E	4238597.57074 N 614985.94647 E
Elevation	130.49750	130.49750
Convergence	-00 53 34.02933	00 48 53.15457
Scale Factor	0.999966944	0.999762832
Combined Factor	0.999946466	0.999742358
AZI001-2001	66769.46710 N 363209.68060 E	4216593.48354 N 604401.04489 E
Elevation	148.64030	148.64030
Convergence	-00 58 12.25765	00 44 04.35896
Scale Factor	0.999983502	0.999734238
Combined Factor	0.999960176	0.999710919
AZI002-2001	68861.39380 N 360969.33450 E	4218617.32439 N 602100.03269 E
Elevation	145.50750	145.50750
Convergence	-00 59 10.36168	00 43 07.78627
Scale Factor	0.999981448	0.999728386
Combined Factor	0.999958614	0.999705557
AZI003-2001	69174.00410 N 363604.21790 E	4219008.09550 N 604723.79336 E
Elevation	138.15440	138.15440
Convergence	-00 58 03.22360	00 44 14.60349
Scale Factor	0.999981101	0.999735069
Combined Factor	0.999959421	0.999713394
AZI004-2001	73200.81840 N 362578.53750 E	4223001.62274 N 603579.01743 E
Elevation	143.63380	143.63380
Convergence	-00 58 31.16235	00 43 48.98540
Scale Factor	0.999977424	0.999732131
Combined Factor	0.999954884	0.999709597

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Name	Input	Output
AZI005-2001	76281.61480 N 356785.29380 E	4225907.85809 N 597698.10504 E
Elevation	136.63510	136.63510
Convergence	-01 01 00.54794	00 41 22.08851
Scale Factor	0.999974947	0.999717552
Combined Factor	0.999953505	0.999696116
AZI006-2001	75672.52490 N 365803.09370 E	4225567.59922 N 606727.81598 E
Elevation	147.45980	147.45980
Convergence	-00 57 09.83930	00 45 11.13040
Scale Factor	0.999975310	0.999740286
Combined Factor	0.999952170	0.999717151
AZI008-2001	83212.36880 N 378911.14030 E	4233492.67712 N 619602.79794 E
Elevation	157.84560	157.84560
Convergence	-00 51 37.76741	00 50 45.85616
Scale Factor	0.999969802	0.999776172
Combined Factor	0.999945032	0.999751407
AZI009-2001	74053.10950 N 376821.93670 E	4224277.12425 N 617787.53422 E
Elevation	153.74890	153.74890
Convergence	-00 52 27.63098	00 49 50.72684
Scale Factor	0.999976499	0.999770868
Combined Factor	0.999952372	0.999746746
AZI010-2001	69662.54800 N 375380.36180 E	4219846.54831 N 616477.48844 E
Elevation	166.23620	166.23620
Convergence	-00 53 02.73139	00 49 13.24279
Scale Factor	0.999980451	0.999767090
Combined Factor	0.999954364	0.999741009
AZI011-2001	69213.91510 N 380256.36210 E	4219543.19309 N 621363.66566 E
Elevation	206.26930	206.26930
Convergence	-00 50 58.04923	00 51 16.78105
Scale Factor	0.999980808	0.999781403
Combined Factor	0.999948440	0.999749041

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AZI012-2001	66170.08220 N 376943.50990 E	4216402.84436 N 618143.44946 E
Elevation	182.51750	182.51750
Convergence	-00 52 21.45712	00 49 52.13334
Scale Factor	0.999983891	0.999771905
Combined Factor	0.999955250	0.999743270
AZI013-2001	66052.42690 N 381624.37400 E	4216424.39739 N 622824.78196 E
Elevation	202.86620	202.86620
Convergence	-00 50 21.93475	00 51 50.66953
Scale Factor	0.999983941	0.999785799
Combined Factor	0.999952106	0.999753970
AZI014-2001	66294.05500 N 388689.81010 E	4216875.84993 N 629878.59387 E
Elevation	210.14110	210.14110
Convergence	-00 47 21.67433	00 54 49.71794
Scale Factor	0.999983588	0.999807753
Combined Factor	0.999950612	0.999774782
AZI015-2001	69068.39110 N 387362.78180 E	4219609.02903 N 628469.92970 E
Elevation	195.05850	195.05850
Convergence	-00 47 56.53578	00 54 16.93039
Scale Factor	0.999980850	0.999803269
Combined Factor	0.999950240	0.999772665
AZI016-2001	72355.86840 N 385446.93550 E	4222837.50120 N 626457.53010 E
Elevation	222.03580	222.03580
Convergence	-00 48 46.64741	00 53 29.28212
Scale Factor	0.999977851	0.999796950
Combined Factor	0.999943008	0.999762113
AZI017-2001	73923.79370 N 392715.22550 E	4224620.61361 N 633674.75147 E
Elevation	173.34710	173.34710
Convergence	-00 45 41.50923	00 56 34.31487
Scale Factor	0.999976417	0.999820072
Combined Factor	0.999949215	0.999792874

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AZI018-2001	77217.11380 N 385926.20980 E	4227709.98446 N 626791.90637 E
Elevation	181.76800	181.76800
Convergence	-00 48 36.16013	00 53 42.83537
Scale Factor	0.999973858	0.999797991
Combined Factor	0.999945334	0.999769472
AZI019-2001	77589.42950 N 382128.79280 E	4227969.07653 N 622985.78265 E
Elevation	200.98000	200.98000
Convergence	-00 50 13.36201	00 52 06.39112
Scale Factor	0.999973618	0.999786282
Combined Factor	0.999942079	0.999754749
AZI020-2001	79866.79900 N 385057.35930 E	4230332.17391 N 625844.74604 E
Elevation	207.08190	207.08190
Convergence	-00 48 59.33345	00 53 21.48137
Scale Factor	0.999971937	0.999795042
Combined Factor	0.999939442	0.999762552
AZI021-2001	86382.14030 N 384568.39480 E	4236828.92320 N 625162.10886 E
Elevation	203.51960	203.51960
Convergence	-00 49 14.22176	00 53 10.81046
Scale Factor	0.999967928	0.999792930
Combined Factor	0.999935992	0.999760998
AZI022-2001	87959.75450 N 386225.78420 E	4238454.93039 N 626771.48912 E
Elevation	218.93500	218.93500
Convergence	-00 48 32.38020	00 53 53.51883
Scale Factor	0.999967101	0.999797922
Combined Factor	0.999932746	0.999763573
AZI023-2001	89485.86020 N 382697.25200 E	4239874.97900 N 623199.67630 E
Elevation	196.28990	196.28990
Convergence	-00 50 03.25937	00 52 23.89187
Scale Factor	0.999966395	0.999786926
Combined Factor	0.999935593	0.999756129

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Name	Input	Output
AZI024-2001	92037.60280 N 380698.88830 E	4242365.57939 N 621126.53062 E
Elevation	192.48950	192.48950
Convergence	-00 50 55.38301	00 51 33.49464
Scale Factor	0.999965311	0.999780686
Combined Factor	0.999935106	0.999750486
AZI025-2001	92484.23090 N 384356.94430 E	4242920.94272 N 624768.99671 E
Elevation	201.97590	201.97590
Convergence	-00 49 21.87501	00 53 07.05428
Scale Factor	0.999965115	0.999791717
Combined Factor	0.999933421	0.999760028
AZI027-2001	79990.92070 N 396933.15300 E	4230809.63356 N 637709.71100 E
Elevation	218.07790	218.07790
Convergence	-00 43 55.71908	00 58 23.72086
Scale Factor	0.999971740	0.999833556
Combined Factor	0.999937519	0.999799339
AZI028-2001	77443.52510 N 392599.13760 E	4228134.78794 N 633454.04153 E
Elevation	173.35930	173.35930
Convergence	-00 45 45.67252	00 56 32.56352
Scale Factor	0.999973617	0.999819344
Combined Factor	0.999946413	0.999792144
AZI029-2001	74910.79820 N 395344.17970 E	4225685.21456 N 636272.79147 E
Elevation	199.51160	199.51160
Convergence	-00 44 34.66472	00 57 41.44387
Scale Factor	0.999975573	0.999828709
Combined Factor	0.999944265	0.999797406
AZI030-2001	70021.55600 N 395622.82710 E	4220807.14352 N 636696.63915 E
Elevation	228.34240	228.34240
Convergence	-00 44 25.92928	00 57 46.73437
Scale Factor	0.999979842	0.999830137
Combined Factor	0.999944010	0.999794310

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Name	Input	Output
AZI031-2001	71426.09370 N 367050.54810 E	4221361.16425 N 608100.77633 E
Elevation	137.67420	137.67420
Convergence	-00 56 36.17551	00 45 42.26490
Scale Factor	0.999978935	0.999743920
Combined Factor	0.999957330	0.999722320
AZI032-2001	76745.70060 N 391473.96200 E	4227403.90840 N 632350.29965 E
Elevation	168.22540	168.22540
Convergence	-00 46 14.19394	00 56 03.72364
Scale Factor	0.999974160	0.999815731
Combined Factor	0.999947762	0.999789337
AZI035-2001	77117.08010 N 397671.00820 E	4227959.41342 N 638532.63814 E
Elevation	205.35780	205.35780
Convergence	-00 43 35.92001	00 58 41.40383
Scale Factor	0.999973814	0.999836357
Combined Factor	0.999941589	0.999804136
AZI036-2001	65808.81910 N 385478.28140 E	4216295.47993 N 626683.48529 E
Elevation	150.96040	150.96040
Convergence	-00 48 43.47610	00 53 28.22090
Scale Factor	0.999984136	0.999797657
Combined Factor	0.999960446	0.999773971
AZI037-2001	85653.12100 N 393384.29200 E	4236362.87895 N 633994.38398 E
Elevation	192.32520	192.32520
Convergence	-00 45 28.37860	00 56 55.35792
Scale Factor	0.999968259	0.999821120
Combined Factor	0.999938078	0.999790945
AZI039-2001	82259.71950 N 393674.88040 E	4232980.13345 N 634385.82633 E
Elevation	213.01180	213.01180
Convergence	-00 45 19.79809	00 57 01.59075
Scale Factor	0.999970267	0.999822416
Combined Factor	0.999936841	0.999788994

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AZI040-2001	85170.17710 N 389158.88150 E	4235754.40425 N 629785.87941 E
Elevation	209.27860	209.27860
Convergence	-00 47 16.32683	00 55 07.48681
Scale Factor	0.999968560	0.999807448
Combined Factor	0.999935719	0.999774613
AZI042-2001	73415.30200 N 355749.28370 E	4223012.72308 N 596748.13936 E
Elevation	136.64440	136.64440
Convergence	-01 01 25.71362	00 40 55.66096
Scale Factor	0.999977342	0.999715278
Combined Factor	0.999955899	0.999693840
AZI043-2001	85101.26350 N 361840.88340 E	4234871.94853 N 602487.56753 E
Elevation	139.23350	139.23350
Convergence	-00 58 55.21681	00 43 31.28654
Scale Factor	0.999968840	0.999729358
Combined Factor	0.999946991	0.999707514
AZI044-2001	63835.46480 N 357993.53490 E	4213506.41689 N 599275.80015 E
Elevation	137.41980	137.41980
Convergence	-01 00 24.08302	00 41 52.06730
Scale Factor	0.999986714	0.999721382
Combined Factor	0.999965149	0.999699823
AZII64L21-2001	80175.46860 N 399541.08920 E	4231071.67687 N 640310.65220 E
Elevation	223.92210	223.92210
Convergence	-00 42 49.09233	00 59 30.16416
Scale Factor	0.999971591	0.999842462
Combined Factor	0.999936453	0.999807328
AZI861-2001	96768.61740 N 380534.45510 E	4247088.71836 N 620821.17978 E
Elevation	140.79740	140.79740
Convergence	-00 51 01.39183	00 51 30.40583
Scale Factor	0.999963701	0.999779775
Combined Factor	0.999941607	0.999757685

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AZI8611-2001	77898.30380 N 357132.62140 E	4227533.75580 N 597997.06054 E
Elevation	139.58690	139.58690
Convergence	-01 00 52.40379	00 41 30.99025
Scale Factor	0.999973689	0.999718272
Combined Factor	0.999951785	0.999696373
AZI8614-2001	64162.01200 N 354740.22350 E	4213735.98292 N 596015.09256 E
Elevation	132.81830	132.81830
Convergence	-01 01 47.24140	00 40 29.75940
Scale Factor	0.999986419	0.999713539
Combined Factor	0.999965576	0.999692702
AZI8615-2001	59912.24060 N 353794.57240 E	4209461.14559 N 595196.49161 E
Elevation	134.81980	134.81980
Convergence	-01 02 09.40973	00 40 05.71913
Scale Factor	0.999991304	0.999711613
Combined Factor	0.999970147	0.999690462
AZI8616-2001	57123.28540 N 352142.87320 E	4206625.11035 N 593628.90280 E
Elevation	130.76900	130.76900
Convergence	-01 02 50.23175	00 39 23.94289
Scale Factor	0.999994776	0.999707968
Combined Factor	0.999974254	0.999687452
AZI8618-2001	62699.80990 N 361698.75030 E	4212481.72966 N 603012.17562 E
Elevation	161.57240	161.57240
Convergence	-00 58 49.04677	00 43 25.72241
Scale Factor	0.999987905	0.999730691
Combined Factor	0.999962550	0.999705343
AZI8620-2001	65400.04800 N 379700.43880 E	4215715.25633 N 620921.47382 E
Elevation	190.28530	190.28530
Convergence	-00 51 10.79453	00 51 01.78262
Scale Factor	0.999984652	0.999780085
Combined Factor	0.999954791	0.999750231

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AZI8622-2001	66870.92810 N	4217528.14888 N
	391239.92760 E	632410.00535 E
Elevation	205.29130	205.29130
Convergence	-00 46 16.77775	00 55 54.51471
Scale Factor	0.999982964	0.999815930
Combined Factor	0.999950749	0.999783720
AZI8624-2001	72086.82490 N	4222921.73473 N
	397322.90400 E	638334.32411 E
Elevation	205.34660	205.34660
Convergence	-00 43 43.18263	00 58 30.64541
Scale Factor	0.999977947	0.999835683
Combined Factor	0.999945723	0.999803464
AZI8627-2001	85385.62590 N	4236229.70545 N
	397890.17650 E	638505.60582 E
Elevation	216.68680	216.68680
Convergence	-00 43 32.99542	00 58 50.13439
Scale Factor	0.999968374	0.999836261
Combined Factor	0.999934371	0.999802262
AZI8628-2001	87963.22670 N	4238672.96054 N
	393429.26280 E	633970.53165 E
Elevation	192.22660	192.22660
Convergence	-00 45 28.00973	00 56 57.29806
Scale Factor	0.999967051	0.999821041
Combined Factor	0.999936886	0.999790880
AZI8629-2001	93064.55630 N	4243530.69479 N
	385356.34380 E	625750.48565 E
Elevation	210.48320	210.48320
Convergence	-00 48 56.49324	00 53 32.74677
Scale Factor	0.999964890	0.999794745
Combined Factor	0.999931860	0.999761721
AZI863-2001	91814.12310 N	4242059.81164 N
	377932.85860 E	618368.91163 E
Elevation	132.74840	132.74840
Convergence	-00 52 06.12545	00 50 22.79493
Scale Factor	0.999965418	0.999772553
Combined Factor	0.999944587	0.999751725

Original Horizontal Coordinates:
kyhp gn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
kyhp gn UTM, Zone 0016, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
AZI8632-2001	80451.74400 N 392499.42010 E	4231138.24582 N 633264.87384 E
Elevation	178.52370	178.52370
Convergence	-00 45 49.24644	00 56 31.04565
Scale Factor	0.999971465	0.999818721
Combined Factor	0.999943450	0.999790711
AZI8633-2001	77958.94990 N 389786.46010 E	4228566.22093 N 630627.72100 E
Elevation	217.90350	217.90350
Convergence	-00 46 57.74899	00 55 21.21068
Scale Factor	0.999973261	0.999810151
Combined Factor	0.999939067	0.999775963
AZI8634-2001	74814.78080 N 389450.64830 E	4225413.97165 N 630385.64674 E
Elevation	206.73230	206.73230
Convergence	-00 47 05.23240	00 55 11.68374
Scale Factor	0.999975716	0.999809375
Combined Factor	0.999943274	0.999776939
AZI8635-2001	71754.63150 N 389623.32720 E	4222360.82288 N 630649.22387 E
Elevation	171.64720	171.64720
Convergence	-00 46 59.75086	00 55 15.10238
Scale Factor	0.999978332	0.999810223
Combined Factor	0.999951396	0.999783292
AZI8636-2001	69308.87860 N 384080.54930 E	4219751.79253 N 625182.59843 E
Elevation	200.51450	200.51450
Convergence	-00 49 20.43442	00 52 53.77234
Scale Factor	0.999980664	0.999792999
Combined Factor	0.999949198	0.999761540
AZI8637-2001	71608.46100 N 382924.13750 E	4222015.54038 N 623958.54130 E
Elevation	204.96240	204.96240
Convergence	-00 49 50.81507	00 52 25.05214
Scale Factor	0.999978548	0.999789243
Combined Factor	0.999946384	0.999757085

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
kyhpgn UTM, Zone 0016, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
AZI8638-2001	74762.41620 N 384383.69310 E	4225210.92388 N 625323.37528 E
Elevation	225.46160	225.46160
Convergence	-00 49 14.68853	00 53 02.95188
Scale Factor	0.999975817	0.999793432
Combined Factor	0.999940437	0.999758058
AZI864-2001	89941.50210 N 376345.95800 E	4240141.10181 N 616838.82664 E
Elevation	137.38400	137.38400
Convergence	-00 52 46.02339	00 49 41.88790
Scale Factor	0.999966231	0.999768121
Combined Factor	0.999944672	0.999746567
AZI8640-2001	83790.21500 N 383323.63690 E	4234201.54060 N 623995.30786 E
Elevation	193.60720	193.60720
Convergence	-00 49 45.11427	00 52 38.39602
Scale Factor	0.999969411	0.999789350
Combined Factor	0.999939030	0.999758974
AZI8641-2001	83274.50800 N 388892.51550 E	4233851.95207 N 629576.11604 E
Elevation	221.68010	221.68010
Convergence	-00 47 22.47360	00 55 00.11542
Scale Factor	0.999969676	0.999806779
Combined Factor	0.999934889	0.999771998
AZI8642-2001	80501.04020 N 372235.99640 E	4230584.36786 N 613012.69909 E
Elevation	152.62730	152.62730
Convergence	-00 54 27.40841	00 47 55.38571
Scale Factor	0.999971633	0.999757293
Combined Factor	0.999947682	0.999733348
BA36-01	82787.71060 N 383561.71600 E	4233206.74950 N 624263.08634 E
Elevation	196.00400	196.00400
Convergence	-00 49 38.65360	00 52 44.19729
Scale Factor	0.999970023	0.999790169
Combined Factor	0.999939265	0.999759417

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhpgn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
BA50-01	82773.36100 N	4233578.70753 N
	396538.36150 E	637232.34022 E
Elevation	191.46510	191.46510
Convergence	-00 44 06.72694	00 58 14.70551
Scale Factor	0.999969922	0.999831938
Combined Factor	0.999939876	0.999801897
BA50-02	82688.51420 N	4233484.60312 N
	396225.68950 E	636922.37565 E
Elevation	190.62610	190.62610
Convergence	-00 44 14.69681	00 58 06.71002
Scale Factor	0.999969977	0.999830891
Combined Factor	0.999940063	0.999800982
BC41-01	81406.66980 N	4231977.59559 N
	388635.45550 E	629374.81374 E
Elevation	202.97410	202.97410
Convergence	-00 47 28.38931	00 54 52.99668
Scale Factor	0.999970862	0.999806138
Combined Factor	0.999939011	0.999774292
BC42-02	81272.60810 N	4231839.38245 N
	388493.24160 E	629236.67664 E
Elevation	195.43680	195.43680
Convergence	-00 47 31.97887	00 54 49.33536
Scale Factor	0.999970952	0.999805698
Combined Factor	0.999940283	0.999775034
BD15-01	80860.20430 N	4230720.01336 N
	364736.56810 E	605507.58624 E
Elevation	142.02120	142.02120
Convergence	-00 57 39.31621	00 44 44.60870
Scale Factor	0.999971471	0.999737095
Combined Factor	0.999949185	0.999714814
BD15-02	80664.93440 N	4230523.91185 N
	364704.19210 E	605481.04635 E
Elevation	140.82320	140.82320
Convergence	-00 57 40.06029	00 44 43.76357
Scale Factor	0.999971605	0.999737026
Combined Factor	0.999949506	0.999714933

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
kyhpgn UTM, Zone 0016, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
BG11-01	78786.89380 N 360910.32390 E	4228534.19887 N 601745.68669 E
Elevation	135.87800	135.87800
Convergence	-00 59 16.23786	00 43 07.08731
Scale Factor	0.999972980	0.999727493
Combined Factor	0.999951657	0.999706176
BH11-01	78366.76640 N 360499.51150 E	4228102.13064 N 601347.66541 E
Elevation	134.05780	134.05780
Convergence	-00 59 26.55368	00 42 56.60983
Scale Factor	0.999973294	0.999726498
Combined Factor	0.999952257	0.999705466
BH26-01	78110.85090 N 374813.56440 E	4228272.46786 N 615659.72661 E
Elevation	143.28810	143.28810
Convergence	-00 53 20.55255	00 49 00.51339
Scale Factor	0.999973310	0.999764749
Combined Factor	0.999950825	0.999742268
BH30-01	78444.58140 N 378206.15850 E	4228706.95173 N 619040.19459 E
Elevation	157.17990	157.17990
Convergence	-00 51 53.95867	00 50 26.85101
Scale Factor	0.999973026	0.999774520
Combined Factor	0.999948360	0.999749860
BH31-01	78363.83390 N 378792.81540 E	4228643.71541 N 619628.87873 E
Elevation	159.06660	159.06660
Convergence	-00 51 38.93059	00 50 41.75177
Scale Factor	0.999973078	0.999776251
Combined Factor	0.999948117	0.999751294
BL27-01	75617.60940 N 375473.51460 E	4225800.48956 N 616393.44160 E
Elevation	144.91220	144.91220
Convergence	-00 53 02.69927	00 49 16.79775
Scale Factor	0.999975230	0.999766847
Combined Factor	0.999952489	0.999744111

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
BL32-01	75858.66420 N 379726.61710 E	4226167.93377 N 620636.62890 E
Elevation	182.31690	182.31690
Convergence	-00 51 14.10492	00 51 04.91269
Scale Factor	0.999974985	0.999779234
Combined Factor	0.999946375	0.999750629
BM11-03	75245.89980 N 360579.93670 E	4224985.81469 N 601520.93441 E
Elevation	136.22130	136.22130
Convergence	-00 59 23.11970	00 42 58.41575
Scale Factor	0.999975729	0.999726932
Combined Factor	0.999954352	0.999705560
BM27-01	75196.76930 N 375453.62310 E	4225379.33175 N 616386.08470 E
Elevation	145.39180	145.39180
Convergence	-00 53 03.04162	00 49 16.20853
Scale Factor	0.999975570	0.999766826
Combined Factor	0.999952755	0.999744015
BM32-02	75359.41920 N 379682.66460 E	4225667.70000 N 620607.55793 E
Elevation	180.95750	180.95750
Convergence	-00 51 15.03793	00 51 03.67908
Scale Factor	0.999975386	0.999779148
Combined Factor	0.999946990	0.999750757
BN24-01	74508.23830 N 372517.78900 E	4224603.90173 N 613472.66260 E
Elevation	139.12970	139.12970
Convergence	-00 54 17.78272	00 48 01.51080
Scale Factor	0.999976175	0.999758578
Combined Factor	0.999954342	0.999736750
BN24-02	74534.73080 N 372208.50720 E	4224621.17454 N 613162.79695 E
Elevation	139.72350	139.72350
Convergence	-00 54 25.69575	00 47 53.66081
Scale Factor	0.999976157	0.999757713
Combined Factor	0.999954230	0.999735792

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
BOWMAN-RESET	81239.42080 N	4231435.75010 N
	376047.94150 E	616800.17664 E
Elevation	163.79700	163.79700
Convergence	-00 52 50.22836	00 49 32.53387
Scale Factor	0.999971094	0.999768013
Combined Factor	0.999945390	0.999742315
BP20-01	73693.31820 N	4223669.81798 N
	368494.50660 E	609476.30771 E
Elevation	138.07680	138.07680
Convergence	-00 56 00.23976	00 46 19.22132
Scale Factor	0.999976916	0.999747605
Combined Factor	0.999955248	0.999725942
BP35-02	73712.28360 N	4224043.12905 N
	380405.83160 E	621379.26288 E
Elevation	201.56590	201.56590
Convergence	-00 50 55.93449	00 51 21.65592
Scale Factor	0.999976742	0.999781448
Combined Factor	0.999945111	0.999749824
BP35-03	73332.24420 N	4223662.17313 N
	380366.86680 E	621351.62726 E
Elevation	206.64510	206.64510
Convergence	-00 50 56.78609	00 51 20.57523
Scale Factor	0.999977067	0.999781366
Combined Factor	0.999944639	0.999748944
BR25-01	72335.40420 N	4222472.45702 N
	373860.89170 E	614879.52106 E
Elevation	141.38770	141.38770
Convergence	-00 53 42.59816	00 48 35.21489
Scale Factor	0.999978021	0.999762536
Combined Factor	0.999955834	0.999740353
BR25-02	72093.84300 N	4222234.13930 N
	373964.58790 E	614990.33445 E
Elevation	142.09520	142.09520
Convergence	-00 53 39.85304	00 48 37.80115
Scale Factor	0.999978234	0.999762850
Combined Factor	0.999955936	0.999740556

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhpgn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
BS30-01	71743.99800 N	4222004.43485 N
	377996.14620 E	619029.66873 E
Elevation	194.24290	194.24290
Convergence	-00 51 56.73887	00 50 20.03459
Scale Factor	0.999978492	0.999774492
Combined Factor	0.999948010	0.999744017
BS30-02	71911.55690 N	4222172.60958 N
	378020.49370 E	619049.01700 E
Elevation	190.02840	190.02840
Convergence	-00 51 56.18164	00 50 20.68953
Scale Factor	0.999978341	0.999774549
Combined Factor	0.999948521	0.999744735
BT09-01	71247.30600 N	4220928.99245 N
	358529.75330 E	599591.17145 E
Elevation	135.96430	135.96430
Convergence	-01 00 13.71484	00 42 06.10194
Scale Factor	0.999979231	0.999722153
Combined Factor	0.999957894	0.999700822
BT23-01	70884.98610 N	4220976.46497 N
	372296.49400 E	613359.29939 E
Elevation	140.87140	140.87140
Convergence	-00 54 21.97276	00 47 55.25961
Scale Factor	0.999979353	0.999758263
Combined Factor	0.999957246	0.999736161
BT23-01ECC	70965.20500 N	4221048.29051 N
	372016.09210 E	613076.69769 E
Elevation	139.78120	139.78120
Convergence	-00 54 29.16644	00 47 48.16069
Scale Factor	0.999979283	0.999757475
Combined Factor	0.999957348	0.999735544
BU07-01	70289.22140 N	4219937.85903 N
	357396.41710 E	598487.13729 E
Elevation	136.38240	136.38240
Convergence	-01 00 42.22667	00 41 37.30523
Scale Factor	0.999980140	0.999719460
Combined Factor	0.999958738	0.999698063

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
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Name	Input	Output
BU20-01	70202.48270 N	4220185.49513 N
	368634.42920 E	609719.98464 E
Elevation	139.22810	139.22810
Convergence	-00 55 55.21426	00 46 22.26976
Scale Factor	0.999980042	0.999748264
Combined Factor	0.999958193	0.999726421
BV20-01	69637.08780 N	4219619.21484 N
	368591.83760 E	609694.23850 E
Elevation	146.14240	146.14240
Convergence	-00 55 56.06697	00 46 21.10785
Scale Factor	0.999980577	0.999748195
Combined Factor	0.999957644	0.999725266
CA09-01	66567.87450 N	4216274.39171 N
	359254.18430 E	600454.30064 E
Elevation	147.09050	147.09050
Convergence	-00 59 53.13171	00 42 24.15697
Scale Factor	0.999983779	0.999724281
Combined Factor	0.999960696	0.999701204
CA09-02	66619.31470 N	4216309.79269 N
	358716.13240 E	599915.09685 E
Elevation	135.99290	135.99290
Convergence	-01 00 06.88792	00 42 10.53339
Scale Factor	0.999983735	0.999722950
Combined Factor	0.999962395	0.999701615
CA20-01	66882.66340 N	4216871.39644 N
	368751.37930 E	609935.58543 E
Elevation	157.33720	157.33720
Convergence	-00 55 50.85041	00 46 24.74932
Scale Factor	0.999983292	0.999748848
Combined Factor	0.999958602	0.999724164
CA20-02	66686.91220 N	4216680.95544 N
	368925.51210 E	610115.42098 E
Elevation	161.21670	161.21670
Convergence	-00 55 46.32441	00 46 29.13145
Scale Factor	0.999983489	0.999749336
Combined Factor	0.999958190	0.999724043

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
ECC86-43	84809.99020 N 367824.14910 E	4234759.08896 N 608475.46653 E
Elevation	140.25240	140.25240
Convergence	-00 56 22.02282	00 46 03.70564
Scale Factor	0.999968950	0.999744915
Combined Factor	0.999946941	0.999722911
EDWARD 2	88306.87670 N 355090.45480 E	4237874.23152 N 595646.29965 E
Elevation	279.53000	279.53000
Convergence	-01 01 49.38544	00 40 39.38503
Scale Factor	0.999967178	0.999712663
Combined Factor	0.999923314	0.999668810
GOSHEN RM 1	101602.22460 N 385229.92750 E	4252059.35062 N 625369.58687 E
Elevation	217.87200	217.87200
Convergence	-00 49 02.85068	00 53 31.84465
Scale Factor	0.999962612	0.999793564
Combined Factor	0.999928423	0.999759381
GPS-#47	87970.43380 N 390078.49500 E	4238580.36058 N 630621.54371 E
Elevation	229.63370	229.63370
Convergence	-00 46 53.77510	00 55 31.81212
Scale Factor	0.999967070	0.999810127
Combined Factor	0.999931035	0.999774098
GPS-#48	90232.81940 N 383838.22310 E	4240655.46736 N 624317.68367 E
Elevation	204.30850	204.30850
Convergence	-00 49 34.32733	00 52 53.20967
Scale Factor	0.999966051	0.999790333
Combined Factor	0.999933990	0.999758279
GPS-#47-AZ	87666.06250 N 390582.69080 E	4238291.18935 N 631134.50272 E
Elevation	227.02780	227.02780
Convergence	-00 46 40.76448	00 55 44.57815
Scale Factor	0.999967218	0.999811781
Combined Factor	0.999931592	0.999776161

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
GPS-#48-AZ	90602.80090 N	4241039.41260 N
	384314.57040 E	624782.71254 E
Elevation	206.96320	206.96320
Convergence	-00 49 22.26816	00 53 05.46941
Scale Factor	0.999965886	0.999791760
Combined Factor	0.999933409	0.999759289
GPS86-1	97192.43630 N	4247505.16391 N
	380296.09560 E	620570.33382 E
Elevation	139.61740	139.61740
Convergence	-00 51 07.66058	00 51 24.40647
Scale Factor	0.999963585	0.999779029
Combined Factor	0.999941675	0.999757124
GPS86-11	78355.59520 N	4227998.29811 N
	357386.89190 E	598237.53876 E
Elevation	139.94410	139.94410
Convergence	-01 00 46.11135	00 41 37.47629
Scale Factor	0.999973343	0.999718853
Combined Factor	0.999951382	0.999696898
GPS86-14	64656.71480 N	4214231.25350 N
	354771.20840 E	596031.34231 E
Elevation	139.18120	139.18120
Convergence	-01 01 46.67766	00 40 30.55990
Scale Factor	0.999985881	0.999713578
Combined Factor	0.999964040	0.999691742
GPS86-15	59666.18230 N	4209214.10299 N
	353755.48970 E	595164.75268 E
Elevation	134.41780	134.41780
Convergence	-01 02 10.29294	00 40 04.72499
Scale Factor	0.999991600	0.999711538
Combined Factor	0.999970506	0.999690450
GPS86-16	57041.35800 N	4206544.48542 N
	352184.67970 E	593673.11423 E
Elevation	128.72250	128.72250
Convergence	-01 02 49.12779	00 39 24.99717
Scale Factor	0.999994878	0.999708070
Combined Factor	0.999974678	0.999687875

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhpgn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
GPS86-18	62474.65100 N	4212255.35352 N
	361652.50880 E	602972.66042 E
Elevation	153.10220	153.10220
Convergence	-00 58 50.12816	00 43 24.53238
Scale Factor	0.999988160	0.999730591
Combined Factor	0.999964134	0.999706572
GPS86-2	93762.32840 N	4244021.28045 N
	378419.47680 E	618797.15702 E
Elevation	132.18680	132.18680
Convergence	-00 51 54.41840	00 50 35.64807
Scale Factor	0.999964673	0.999773803
Combined Factor	0.999943929	0.999753064
GPS86-20	65376.20730 N	4215685.39642 N
	379497.39720 E	620719.27211 E
Elevation	189.36130	189.36130
Convergence	-00 51 15.96757	00 50 56.63523
Scale Factor	0.999984680	0.999779483
Combined Factor	0.999954964	0.999749774
GPS86-22	66930.57370 N	4217585.01658 N
	391147.66840 E	632316.02988 E
Elevation	208.89580	208.89580
Convergence	-00 46 19.15347	00 55 52.19665
Scale Factor	0.999982905	0.999815624
Combined Factor	0.999950124	0.999782848
GPS86-24	72398.49400 N	4223226.41622 N
	397093.99420 E	638096.28233 E
Elevation	198.88660	198.88660
Convergence	-00 43 49.13164	00 58 24.95258
Scale Factor	0.999977676	0.999834872
Combined Factor	0.999946466	0.999803667
GPS86-27	85675.18820 N	4236540.23669 N
	398600.01310 E	639206.41314 E
Elevation	218.01120	218.01120
Convergence	-00 43 14.92581	00 59 08.34271
Scale Factor	0.999968209	0.999838657
Combined Factor	0.999933999	0.999804451

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhpgn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
GPS86-29	93634.03140 N	4244102.85535 N
	385458.18490 E	625835.29170 E
Elevation	210.69130	210.69130
Convergence	-00 48 54.09250	00 53 35.50621
Scale Factor	0.999964682	0.999795008
Combined Factor	0.999931620	0.999761951
GPS86-3	92239.02540 N	4242490.40296 N
	378132.83610 E	618556.09917 E
Elevation	136.64060	136.64060
Convergence	-00 52 01.16948	00 50 27.99416
Scale Factor	0.999965247	0.999773099
Combined Factor	0.999943805	0.999751661
GPS86-32	80391.89460 N	4231080.25141 N
	392560.55420 E	633327.75264 E
Elevation	178.16000	178.16000
Convergence	-00 45 47.66278	00 56 32.58135
Scale Factor	0.999971505	0.999818928
Combined Factor	0.999943547	0.999790975
GPS86-33	77637.94360 N	4228243.70968 N
	389729.33910 E	630580.18545 E
Elevation	221.48820	221.48820
Convergence	-00 46 59.09701	00 55 19.65670
Scale Factor	0.999973500	0.999809999
Combined Factor	0.999938744	0.999775248
GPS86-34	74731.66890 N	4225325.73945 N
	389276.79580 E	630214.37216 E
Elevation	211.14580	211.14580
Convergence	-00 47 09.64573	00 55 07.24115
Scale Factor	0.999975786	0.999808825
Combined Factor	0.999942652	0.999775697
GPS86-35	71966.05280 N	4222574.13622 N
	389691.29890 E	630710.86780 E
Elevation	171.47020	171.47020
Convergence	-00 46 58.08842	00 55 16.89453
Scale Factor	0.999978143	0.999810422
Combined Factor	0.999951235	0.999783518

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhp gn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
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Name	Input	Output
GPS86-36	68842.03000 N	4219287.94099 N
	384171.47270 E	625287.34339 E
Elevation	203.54420	203.54420
Convergence	-00 49 17.94170	00 52 55.95051
Scale Factor	0.999981111	0.999793323
Combined Factor	0.999949170	0.999761388
GPS86-37	71616.17370 N	4222019.46780 N
	382797.01170 E	623831.26647 E
Elevation	201.64920	201.64920
Convergence	-00 49 54.06502	00 52 21.82824
Scale Factor	0.999978542	0.999788854
Combined Factor	0.999946899	0.999757216
GPS86-38	74935.04380 N	4225381.67490 N
	384324.23490 E	625258.81916 E
Elevation	225.24140	225.24140
Convergence	-00 49 16.27106	00 53 01.48853
Scale Factor	0.999975676	0.999793232
Combined Factor	0.999940330	0.999757893
GPS86-4	90044.08830 N	4240247.30250 N
	376469.47740 E	616959.21011 E
Elevation	137.34680	137.34680
Convergence	-00 52 42.90159	00 49 45.06147
Scale Factor	0.999966184	0.999768468
Combined Factor	0.999944630	0.999746919
GPS86-40	83825.49510 N	4234244.41551 N
	383579.45050 E	624249.91160 E
Elevation	194.02900	194.02900
Convergence	-00 49 38.58333	00 52 44.92244
Scale Factor	0.999969388	0.999790129
Combined Factor	0.999938940	0.999759686
GPS86-41	83387.68790 N	4233956.31233 N
	388598.57370 E	629278.98307 E
Elevation	224.67750	224.67750
Convergence	-00 47 30.03259	00 54 52.66220
Scale Factor	0.999969609	0.999805832
Combined Factor	0.999934352	0.999770581

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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 Input Vertical Coordinates: NAVD 88, Meters
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Name	Input	Output
GPS86-42	80735.21730 N 372488.07930 E	4230825.89570 N 613257.64472 E
Elevation	155.29880	155.29880
Convergence	-00 54 21.05745	00 48 01.84061
Scale Factor	0.999971470	0.999757976
Combined Factor	0.999947100	0.999733611
GPS86-43	84759.79140 N 367848.69670 E	4234709.65481 N 608501.49287 E
Elevation	140.17490	140.17490
Convergence	-00 56 21.37377	00 46 04.32439
Scale Factor	0.999968979	0.999744985
Combined Factor	0.999946982	0.999722993
GPS86-5	87391.66070 N 373182.80230 E	4237498.67239 N 613753.68380 E
Elevation	131.68290	131.68290
Convergence	-00 54 05.97194	00 48 20.70250
Scale Factor	0.999967488	0.999759361
Combined Factor	0.999946823	0.999738701
GPS86-7	88584.19170 N 364368.47770 E	4238427.81123 N 604909.68285 E
Elevation	141.41290	141.41290
Convergence	-00 57 52.05307	00 44 36.05292
Scale Factor	0.999966960	0.999735543
Combined Factor	0.999944769	0.999713357
GPS86-8	87513.32410 N 361579.09130 E	4237274.56228 N 602154.09739 E
Elevation	133.26730	133.26730
Convergence	-00 59 02.97428	00 43 24.81258
Scale Factor	0.999967523	0.999728517
Combined Factor	0.999946610	0.999707609
H 323 ECC	78678.61050 N 356540.09950 E	4228295.87559 N 597381.72082 E
Elevation	131.43600	131.43600
Convergence	-01 01 07.90312	00 41 15.96251
Scale Factor	0.999973115	0.999716791
Combined Factor	0.999952490	0.999696171

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
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Name	Input	Output
I64-L-21	80065.05600 N 399827.76700 E	4230969.85760 N 640600.45154 E
Elevation	228.31700	228.31700
Convergence	-00 42 41.72665	00 59 37.41651
Scale Factor	0.999971664	0.999843464
Combined Factor	0.999935836	0.999807641
I71-T4-AZ	87310.06090 N 373223.41810 E	4237418.33570 N 613796.70391 E
Elevation	132.00340	132.00340
Convergence	-00 54 04.89966	00 48 21.72386
Scale Factor	0.999967529	0.999759481
Combined Factor	0.999946815	0.999738771
J 334 ECC	56766.71880 N 351062.83120 E	4206236.69819 N 592560.24911 E
Elevation	134.63700	134.63700
Convergence	-01 03 17.59833	00 38 56.67384
Scale Factor	0.999995254	0.999705517
Combined Factor	0.999974125	0.999684395
KY 05	78221.30000 N 369684.06000 E	4228230.17090 N 610530.31460 E
Elevation	149.14840	149.14840
Convergence	-00 55 31.71819	00 46 50.10874
Scale Factor	0.999973288	0.999750460
Combined Factor	0.999949883	0.999727060
LOUSVILLE-SOUTH-BASE	73453.72700 N 361270.45800 E	4223215.43187 N 602264.31439 E
Elevation	143.31660	143.31660
Convergence	-00 59 04.68869	00 43 15.80500
Scale Factor	0.999977225	0.999728798
Combined Factor	0.999954735	0.999706313
MF 1	82460.10710 N 361535.57830 E	4232223.50624 N 602261.13622 E
Elevation	133.38770	133.38770
Convergence	-00 59 01.86706	00 43 23.29104
Scale Factor	0.999970451	0.999728787
Combined Factor	0.999949519	0.999707861

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Name	Input	Output
MF 2	82169.01710 N	4231929.80482 N
	361441.18900 E	602175.48046 E
Elevation	132.09250	132.09250
Convergence	-00 59 04.15310	00 43 20.86431
Scale Factor	0.999970640	0.999728572
Combined Factor	0.999949911	0.999707848
RILEY-3	66623.58950 N	4216731.75183 N
	372762.28400 E	613951.50075 E
Elevation	165.35950	165.35950
Convergence	-00 54 08.36282	00 48 06.31088
Scale Factor	0.999983491	0.999759922
Combined Factor	0.999957542	0.999733979
RILEY-3-AZ	68978.00810 N	4219081.92759 N
	372672.23720 E	613791.50732 E
Elevation	154.84140	154.84140
Convergence	-00 54 11.60880	00 48 04.45106
Scale Factor	0.999981147	0.999759473
Combined Factor	0.999956849	0.999735179
SDF A	76368.02800 N	4226390.22218 N
	370090.23900 E	610991.38148 E
Elevation	145.95910	145.95910
Convergence	-00 55 20.57271	00 47 00.14979
Scale Factor	0.999974700	0.999751718
Combined Factor	0.999951796	0.999728819
SIMS	87047.86640 N	4236934.56813 N
	365779.76210 E	606365.78833 E
Elevation	141.59030	141.59030
Convergence	-00 57 15.27714	00 45 11.87662
Scale Factor	0.999967729	0.999739333
Combined Factor	0.999945510	0.999717119
SPEER	87204.99640 N	4237084.66704 N
	365547.29820 E	606128.79969 E
Elevation	141.55140	141.55140
Convergence	-00 57 21.29289	00 45 05.96736
Scale Factor	0.999967649	0.999738712
Combined Factor	0.999945436	0.999716505

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Name	Input	Output
STA001-2001	66897.79640 N 363361.49540 E	4216726.23899 N 604548.93827 E
Elevation	151.91300	151.91300
Convergence	-00 58 08.43796	00 44 08.21755
Scale Factor	0.999983368	0.999734619
Combined Factor	0.999959528	0.999710786
STA002-2001	68742.70370 N 360998.87640 E	4218499.59563 N 602133.08465 E
Elevation	145.56440	145.56440
Convergence	-00 59 09.55528	00 43 08.52522
Scale Factor	0.999981563	0.999728469
Combined Factor	0.999958720	0.999705632
STA003-2001	68795.27600 N 363594.75160 E	4218629.34670 N 604725.59878 E
Elevation	146.40660	146.40660
Convergence	-00 58 03.30198	00 44 14.32414
Scale Factor	0.999981469	0.999735074
Combined Factor	0.999958494	0.999712104
STA004-2001	73129.67300 N 362385.01610 E	4222924.76779 N 603387.74631 E
Elevation	144.22080	144.22080
Convergence	-00 58 36.07494	00 43 44.06684
Scale Factor	0.999977489	0.999731643
Combined Factor	0.999954857	0.999709017
STA005-2001	76267.61370 N 356323.05540 E	4225880.10670 N 597236.60758 E
Elevation	135.86250	135.86250
Convergence	-01 01 12.35383	00 41 10.34462
Scale Factor	0.999974964	0.999716444
Combined Factor	0.999953644	0.999695129
STA006-2001	76029.33120 N 365741.10980 E	4225922.31886 N 606655.25506 E
Elevation	145.70660	145.70660
Convergence	-00 57 11.57491	00 45 09.59835
Scale Factor	0.999975025	0.999740095
Combined Factor	0.999952160	0.999717236

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Name	Input	Output
STA008-2001	83130.22320 N	4233416.10857 N
	379096.69130 E	619790.67664 E
Elevation	156.37360	156.37360
Convergence	-00 51 32.98973	00 50 50.56351
Scale Factor	0.999969851	0.999776726
Combined Factor	0.999945312	0.999752192
STA009-2001	74046.48220 N	4224280.42181 N
	377155.41270 E	618120.99134 E
Elevation	155.01030	155.01030
Convergence	-00 52 19.10824	00 49 59.19369
Scale Factor	0.999976501	0.999771837
Combined Factor	0.999952176	0.999747517
STA010-2001	69617.93360 N	4219792.47339 N
	375061.24150 E	616159.90426 E
Elevation	163.92420	163.92420
Convergence	-00 53 10.86266	00 49 05.14194
Scale Factor	0.999980498	0.999766180
Combined Factor	0.999954774	0.999740462
STA011-2001	69429.42420 N	4219759.43562 N
	380285.67920 E	621386.55633 E
Elevation	209.43160	209.43160
Convergence	-00 50 57.38220	00 51 17.57631
Scale Factor	0.999980602	0.999781472
Combined Factor	0.999947737	0.999748613
STA012-2001	66436.13620 N	4216671.76963 N
	377045.95190 E	618237.91573 E
Elevation	181.73750	181.73750
Convergence	-00 52 18.94568	00 49 54.78539
Scale Factor	0.999983615	0.999772180
Combined Factor	0.999955096	0.999743667
STA013-2001	66177.48740 N	4216550.52497 N
	381662.96890 E	622859.63517 E
Elevation	205.47680	205.47680
Convergence	-00 50 20.99638	00 51 51.67879
Scale Factor	0.999983811	0.999785904
Combined Factor	0.999951566	0.999753666

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Name	Input	Output
STA014-2001	66377.34190 N 388531.64250 E	4216954.38520 N 629718.04899 E
Elevation	209.71770	209.71770
Convergence	-00 47 25.74106	00 54 45.73672
Scale Factor	0.999983505	0.999807240
Combined Factor	0.999950595	0.999774335
STA015-2001	69127.19830 N 387426.53810 E	4219669.69504 N 628531.89838 E
Elevation	201.89420	201.89420
Convergence	-00 47 54.92871	00 54 18.56463
Scale Factor	0.999980793	0.999803466
Combined Factor	0.999949110	0.999771789
STA016-2001	72186.39750 N 385080.85910 E	4222657.24968 N 626096.72180 E
Elevation	223.27770	223.27770
Convergence	-00 48 55.93719	00 53 19.94280
Scale Factor	0.999978005	0.999795827
Combined Factor	0.999942967	0.999760796
STA017-2001	73586.20410 N 392781.58070 E	4224285.19938 N 633751.10607 E
Elevation	172.20850	172.20850
Convergence	-00 45 39.69924	00 56 35.88463
Scale Factor	0.999976701	0.999820324
Combined Factor	0.999949678	0.999793304
STA018-2001	77293.23280 N 385720.34930 E	4227779.93132 N 626583.90851 E
Elevation	195.49090	195.49090
Convergence	-00 48 41.44956	00 53 37.62338
Scale Factor	0.999973802	0.999797341
Combined Factor	0.999943125	0.999766670
STA019-2001	77699.17640 N 382138.39990 E	4228079.04014 N 622992.11801 E
Elevation	200.06730	200.06730
Convergence	-00 50 13.15742	00 52 06.66319
Scale Factor	0.999973535	0.999786301
Combined Factor	0.999942140	0.999754911

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Name	Input	Output
STA020-2001	79575.24270 N 384908.63580 E	4230036.37223 N 625704.79192 E
Elevation	204.80120	204.80120
Convergence	-00 49 03.02975	00 53 17.61686
Scale Factor	0.999972143	0.999794609
Combined Factor	0.999940005	0.999762477
STA021-2001	86394.76450 N 384266.25230 E	4236832.54105 N 624859.77744 E
Elevation	200.63230	200.63230
Convergence	-00 49 21.95802	00 53 03.10990
Scale Factor	0.999967924	0.999791999
Combined Factor	0.999936440	0.999760520
STA022-2001	88156.43670 N 386164.61900 E	4238649.67009 N 626704.50284 E
Elevation	217.37490	217.37490
Convergence	-00 48 34.01681	00 53 52.01415
Scale Factor	0.999967005	0.999797713
Combined Factor	0.999932894	0.999763608
STA023-2001	89680.13380 N 382560.19170 E	4240065.04803 N 623056.91352 E
Elevation	193.10020	193.10020
Convergence	-00 50 06.84048	00 52 20.44289
Scale Factor	0.999966307	0.999786493
Combined Factor	0.999936005	0.999756196
STA024-2001	92165.38330 N 380426.23510 E	4242485.15417 N 620850.24101 E
Elevation	184.07220	184.07220
Convergence	-00 51 02.41340	00 51 26.56023
Scale Factor	0.999965262	0.999779863
Combined Factor	0.999936377	0.999750983
STA025-2001	92815.68090 N 384257.43320 E	4243249.22235 N 624659.66928 E
Elevation	201.00040	201.00040
Convergence	-00 49 24.54536	00 53 04.60020
Scale Factor	0.999964989	0.999791381
Combined Factor	0.999933448	0.999759845

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Name	Input	Output
STA027-2001	80183.15260 N 396938.47450 E	4231001.91211 N 637709.30923 E
Elevation	219.71160	219.71160
Convergence	-00 43 55.64582	00 58 23.92826
Scale Factor	0.999971608	0.999833554
Combined Factor	0.999937131	0.999799081
STA028-2001	77452.33570 N 393075.20220 E	4228157.75616 N 633929.56019 E
Elevation	175.27010	175.27010
Convergence	-00 45 33.50648	00 56 44.67133
Scale Factor	0.999973606	0.999820910
Combined Factor	0.999946102	0.999793410
STA029-2001	75243.72820 N 395432.15030 E	4226020.56475 N 636350.80876 E
Elevation	199.00280	199.00280
Convergence	-00 44 32.52696	00 57 43.79996
Scale Factor	0.999975303	0.999828971
Combined Factor	0.999944074	0.999797747
STA030-2001	69856.11420 N 395613.77240 E	4220641.53048 N 636692.50721 E
Elevation	228.03060	228.03060
Convergence	-00 44 26.10591	00 57 46.44404
Scale Factor	0.999979997	0.999830123
Combined Factor	0.999944214	0.999794345
STA031-2001	71185.71240 N 366778.48530 E	4221112.85254 N 607836.04899 E
Elevation	137.80320	137.80320
Convergence	-00 56 43.02276	00 45 35.33185
Scale Factor	0.999979158	0.999743216
Combined Factor	0.999957533	0.999721596
STA032-2001	76652.13490 N 391547.98550 E	4227312.60099 N 632427.06208 E
Elevation	168.37370	168.37370
Convergence	-00 46 12.26980	00 56 05.57438
Scale Factor	0.999974232	0.999815982
Combined Factor	0.999947810	0.999789564

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Name	Input	Output
STA035-2001	76902.38630 N 397278.95760 E	4227733.18244 N 638147.20149 E
Elevation	199.57200	199.57200
Convergence	-00 43 45.87137	00 58 31.35456
Scale Factor	0.999973982	0.999835044
Combined Factor	0.999942664	0.999803730
STA036-2001	65147.87580 N 385524.75070 E	4215636.33289 N 626749.56619 E
Elevation	157.07490	157.07490
Convergence	-00 48 42.05100	00 53 29.20946
Scale Factor	0.999984828	0.999797863
Combined Factor	0.999960179	0.999773219
STA037-2001	85534.06920 N 393622.60120 E	4236250.99348 N 634236.09748 E
Elevation	188.87430	188.87430
Convergence	-00 45 22.24059	00 57 01.39237
Scale Factor	0.999968323	0.999821919
Combined Factor	0.999938684	0.999792284
STA039-2001	82100.66830 N 393432.16720 E	4232813.95189 N 634147.99088 E
Elevation	206.93370	206.93370
Convergence	-00 45 25.95221	00 56 55.35480
Scale Factor	0.999970371	0.999821629
Combined Factor	0.999937898	0.999789161
STA040-2001	85484.14890 N 389207.85580 E	4236069.64458 N 629825.47486 E
Elevation	215.54940	215.54940
Convergence	-00 47 15.18420	00 55 08.83222
Scale Factor	0.999968383	0.999807575
Combined Factor	0.999934559	0.999773756
STA042-2001	73180.05650 N 355324.08230 E	4222764.98881 N 596330.23941 E
Elevation	139.67210	139.67210
Convergence	-01 01 36.46781	00 40 44.86063
Scale Factor	0.999977553	0.999714284
Combined Factor	0.999955634	0.999692372

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Name	Input	Output
STA043-2001	84894.74730 N 361746.82580 E	4234662.77176 N 602399.72577 E
Elevation	139.00740	139.00740
Convergence	-00 58 57.53247	00 43 28.87279
Scale Factor	0.999968960	0.999729136
Combined Factor	0.999947147	0.999707328
STA044-2001	63575.54650 N 357956.28240 E	4213245.57483 N 599246.30303 E
Elevation	136.74310	136.74310
Convergence	-01 00 24.91697	00 41 51.10920
Scale Factor	0.999987001	0.999721310
Combined Factor	0.999965542	0.999699857
STA045-2001	81206.05530 N 358797.02250 E	4230888.76423 N 599561.81330 E
Elevation	131.11820	131.11820
Convergence	-01 00 11.34252	00 42 13.49924
Scale Factor	0.999971306	0.999722078
Combined Factor	0.999950730	0.999701508
STA046-2001	70543.56950 N 354617.14750 E	4220109.33143 N 595702.26411 E
Elevation	131.15060	131.15060
Convergence	-01 01 53.31352	00 40 26.84198
Scale Factor	0.999979947	0.999712799
Combined Factor	0.999959366	0.999692224
TV-1	80854.79600 N 379123.47590 E	4231142.92837 N 619885.18647 E
Elevation	164.88670	164.88670
Convergence	-00 51 31.43224	00 50 50.72853
Scale Factor	0.999971320	0.999777006
Combined Factor	0.999945446	0.999751136
WC 1	66331.16120 N 355510.19900 E	4215926.48584 N 596720.00224 E
Elevation	135.82340	135.82340
Convergence	-01 01 28.58458	00 40 49.32834
Scale Factor	0.999984092	0.999715212
Combined Factor	0.999962778	0.999693904

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 kyhpgn UTM, Zone 0016, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
WC 2	66152.00760 N	4215754.60203 N
	355750.32100 E	596965.28232 E
Elevation	135.99530	135.99530
Convergence	-01 01 22.37433	00 40 55.40175
Scale Factor	0.999984274	0.999715797
Combined Factor	0.999962933	0.999694462
X 349	88643.37440 N	4238795.19970 N
	374714.37420 E	615246.97114 E
Elevation	132.21100	132.21100
Convergence	-00 53 27.27481	00 48 59.99824
Scale Factor	0.999966850	0.999763572
Combined Factor	0.999946103	0.999742829
HORRODS	106000.55300 N	4256758.79708 N
	395410.32600 E	635412.66483 E
Elevation	243.82840	243.82840
Convergence	-00 44 43.31023	00 57 54.27836
Scale Factor	0.999962131	0.999825817
Combined Factor	0.999923869	0.999787560
KY 13	44892.96200 N	4195357.69265 N
	384287.99800 E	626114.85011 E
Elevation	207.32430	207.32430
Convergence	-00 49 06.23113	00 52 52.25474
Scale Factor	1.000011272	0.999795895
Combined Factor	0.999978737	0.999763366
LOUISVILLE 2 CORS L1	57164.60500 N	4208322.05800 N
	407896.31090 E	649344.85445 E
Elevation	225.95340	225.95340
Convergence	-00 39 08.73829	01 02 52.05987
Scale Factor	0.999993685	0.999874704
Combined Factor	0.999958227	0.999839250
SDF E	77418.10100 N	4227431.46925 N
	369817.18500 E	610687.25754 E
Elevation	149.08170	149.08170
Convergence	-00 55 27.98395	00 46 53.37137
Scale Factor	0.999973891	0.999750888
Combined Factor	0.999950496	0.999727498

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
kyhpgn UTM, Zone 0016, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NAVD 88, Meters

Name	Input	Output
SNOW RMA	45556.30390 N	4194881.73889 N
	345917.90550 E	587752.29504 E
Elevation	272.98280	272.98280
Convergence	-01 05 23.31613	00 36 47.19153
Scale Factor	1.000011235	0.999694842
Combined Factor	0.999968396	0.999652017
AZI86-2-2001	93825.64452 N	4244083.73327 N
	378391.86291 E	618767.67345 E
Elevation	131.49098	131.49098
Convergence	-00 51 55.15015	00 50 34.95612
Scale Factor	0.999964650	0.999773717
Combined Factor	0.999944016	0.999753087
GPS86-28	87751.35676 N	4238467.36027 N
	393635.57316 E	634183.03077 E
Elevation	202.22911	202.22911
Convergence	-00 45 22.65760	00 57 02.48869
Scale Factor	0.999967155	0.999821742
Combined Factor	0.999935420	0.999790013
BT23-02	70994.11064 N	4221075.52566 N
	371960.57500 E	613020.35772 E
Elevation	140.15037	140.15037
Convergence	-00 54 30.59601	00 47 46.75736
Scale Factor	0.999979257	0.999757318
Combined Factor	0.999957264	0.999735329
AZI86-43-2001	84944.48806 N	4234901.44994 N
	368091.16434 E	608738.29763 E
Elevation	0.00000	0.00000
Convergence	-00 56 15.24815	00 46 10.52725
Scale Factor	0.999968870	0.999745618
Combined Factor	0.999968870	0.999745618