

CORPSCON Conversion to NAD 27 & NGVD 29

2001 Geodetic Control Densification

of

Jefferson County, Kentucky

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
31 K ECC	55213.43370 N	55205.18517 N
	371332.92970 E	480927.00978 E
Elevation	136.04500	136.193
Convergence	-00 54 40.21580	-00 54 40.31301
Scale Factor	0.999996809	0.999996819
Combined Factor	0.999975459	0.999975470
Grid Shift(m),	Delta North = -8.249	
	Delta East = 109594.080	
Datum Shift(m),	Delta Lat. = 7.305	
	Delta Lon. = -3.600	
489.78 ECC	59655.06990 N	59646.94390 N
	403901.44560 E	513495.87965 E
Elevation	149.57800	149.746
Convergence	-00 40 51.35679	-00 40 51.46651
Scale Factor	0.999990716	0.999990726
Combined Factor	0.999967243	0.999967253
Grid Shift(m),	Delta North = -8.126	
	Delta East = 109594.434	
Datum Shift(m),	Delta Lat. = 7.065	
	Delta Lon. = -4.104	
GPS86-28-ECC	87744.62750 N	87735.16323 N
	393651.64180 E	503246.41298 E
Elevation	202.25970	202.416
Convergence	-00 45 22.24406	-00 45 22.33806
Scale Factor	0.999967158	0.999967165
Combined Factor	0.999935419	0.999935425
Grid Shift(m),	Delta North = -9.464	
	Delta East = 109594.771	
Datum Shift(m),	Delta Lat. = 7.772	
	Delta Lon. = -3.568	
AN40-01	90239.87950 N	90230.44059 N
	387589.97930 E	497184.66206 E
Elevation	214.55320	214.708
Convergence	-00 47 58.27865	-00 47 58.37087
Scale Factor	0.999966024	0.999966030
Combined Factor	0.999932356	0.999932362
Grid Shift(m),	Delta North = -9.439	
	Delta East = 109594.683	
Datum Shift(m),	Delta Lat. = 7.695	
	Delta Lon. = -3.486	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AN40-02	90532.77450 N 387406.74150 E	90523.33822 N 497001.42084 E
Elevation	222.71080	222.866
Convergence	-00 48 03.07469	-00 48 03.16688
Scale Factor	0.999965897	0.999965903
Combined Factor	0.999930949	0.999930955
Grid Shift(m),	Delta North = -9.436 Delta East = 109594.679	
Datum Shift(m),	Delta Lat. = 7.686 Delta Lon. = -3.483	
AR32-01	87909.07640 N 379463.73450 E	87899.61251 N 489058.27008 E
Elevation	181.08670	181.241
Convergence	-00 51 25.42992	-00 51 25.52047
Scale Factor	0.999967176	0.999967182
Combined Factor	0.999938759	0.999938765
Grid Shift(m),	Delta North = -9.464 Delta East = 109594.536	
Datum Shift(m),	Delta Lat. = 7.774 Delta Lon. = -3.392	
AS32-01	87674.50950 N 379613.36450 E	87665.04332 N 489207.90199 E
Elevation	178.59070	178.745
Convergence	-00 51 21.51064	-00 51 21.60124
Scale Factor	0.999967293	0.999967299
Combined Factor	0.999939268	0.999939274
Grid Shift(m),	Delta North = -9.466 Delta East = 109594.537	
Datum Shift(m),	Delta Lat. = 7.781 Delta Lon. = -3.395	
AU28-01	86191.14940 N 376264.78060 E	86181.66585 N 485859.24706 E
Elevation	173.49100	173.644
Convergence	-00 52 46.62746	-00 52 46.71763
Scale Factor	0.999968098	0.999968105
Combined Factor	0.999940873	0.999940880
Grid Shift(m),	Delta North = -9.484 Delta East = 109594.466	
Datum Shift(m),	Delta Lat. = 7.832 Delta Lon. = -3.364	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AV28-01	85916.79050 N 375945.20120 E	85907.30383 N 485539.65978 E
Elevation	169.88180	170.034
Convergence	-00 52 54.69678	-00 52 54.78693
Scale Factor	0.999968251	0.999968258
Combined Factor	0.999941592	0.999941599
Grid Shift(m),	Delta North = -9.487 Delta East = 109594.459	
Datum Shift(m),	Delta Lat. = 7.842 Delta Lon. = -3.362	
AW34-01	85125.58170 N 381606.62390 E	85116.09166 N 491201.19240 E
Elevation	175.18600	175.339
Convergence	-00 50 29.53880	-00 50 29.62992
Scale Factor	0.999968646	0.999968653
Combined Factor	0.999941155	0.999941162
Grid Shift(m),	Delta North = -9.490 Delta East = 109594.569	
Datum Shift(m),	Delta Lat. = 7.863 Delta Lon. = -3.428	
AW34-02	85276.44120 N 381822.84740 E	85266.95281 N 491417.42061 E
Elevation	175.79360	175.947
Convergence	-00 50 24.06329	-00 50 24.15444
Scale Factor	0.999968559	0.999968566
Combined Factor	0.999940972	0.999940979
Grid Shift(m),	Delta North = -9.488 Delta East = 109594.573	
Datum Shift(m),	Delta Lat. = 7.858 Delta Lon. = -3.429	
AZ36-01	82967.46600 N 383387.17270 E	82958.03593 N 492981.74961 E
Elevation	194.59300	194.745
Convergence	-00 49 43.18454	-00 49 43.27666
Scale Factor	0.999969913	0.999969920
Combined Factor	0.999939377	0.999939384
Grid Shift(m),	Delta North = -9.430 Delta East = 109594.577	
Datum Shift(m),	Delta Lat. = 7.853 Delta Lon. = -3.473	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZ862-ECC	93739.31630 N 378418.94180 E	93729.91188 N 488013.48400 E
Elevation	132.25930	132.416
Convergence	-00 51 54.42321	-00 51 54.51291
Scale Factor	0.999964681	0.999964686
Combined Factor	0.999943926	0.999943932
Grid Shift(m),	Delta North = -9.404 Delta East = 109594.542	
Datum Shift(m),	Delta Lat. = 7.581 Delta Lon. = -3.350	
AZIBH2601-2001	78070.81220 N 375321.16600 E	78061.60704 N 484915.51497 E
Elevation	144.99070	145.144
Convergence	-00 53 07.56131	-00 53 07.65396
Scale Factor	0.999973334	0.999973342
Combined Factor	0.999950581	0.999950589
Grid Shift(m),	Delta North = -9.205 Delta East = 109594.349	
Datum Shift(m),	Delta Lat. = 7.739 Delta Lon. = -3.448	
AZIBM1103-2001	75005.81780 N 360424.01450 E	74996.67161 N 470018.22443 E
Elevation	136.07810	136.221
Convergence	-00 59 26.99767	-00 59 27.08398
Scale Factor	0.999975928	0.999975937
Combined Factor	0.999954574	0.999954583
Grid Shift(m),	Delta North = -9.146 Delta East = 109594.210	
Datum Shift(m),	Delta Lat. = 7.757 Delta Lon. = -3.195	
AZIBP2001-2001	73839.83690 N 368326.24930 E	73830.73591 N 477920.47523 E
Elevation	139.20660	139.358
Convergence	-00 56 04.59939	-00 56 04.69057
Scale Factor	0.999976793	0.999976802
Combined Factor	0.999954948	0.999954957
Grid Shift(m),	Delta North = -9.101 Delta East = 109594.226	
Datum Shift(m),	Delta Lat. = 7.730 Delta Lon. = -3.366	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZIBT0901-2001	71371.07200 N 358601.98750 E	71362.00774 N 468196.15886 E
Elevation	135.51240	135.653
Convergence	-01 00 11.92542	-01 00 12.01154
Scale Factor	0.999979116	0.999979125
Combined Factor	0.999957851	0.999957860
Grid Shift(m),	Delta North = -9.064 Delta East = 109594.171	
Datum Shift(m),	Delta Lat. = 7.761 Delta Lon. = -3.191	
AZIBU0701-2001	70210.96060 N 356982.47670 E	70201.90931 N 466576.63074 E
Elevation	132.92630	133.065
Convergence	-01 00 52.76149	-01 00 52.84698
Scale Factor	0.999980220	0.999980229
Combined Factor	0.999959361	0.999959370
Grid Shift(m),	Delta North = -9.051 Delta East = 109594.154	
Datum Shift(m),	Delta Lat. = 7.777 Delta Lon. = -3.170	
AZITV1-2001	80608.26790 N 379303.51190 E	80598.95952 N 488897.96435 E
Elevation	168.87330	169.026
Convergence	-00 51 26.73414	-00 51 26.82676
Scale Factor	0.999971485	0.999971493
Combined Factor	0.999944985	0.999944993
Grid Shift(m),	Delta North = -9.308 Delta East = 109594.452	
Datum Shift(m),	Delta Lat. = 7.785 Delta Lon. = -3.468	
AZIX349-2001	88453.57260 N 374447.52210 E	88444.11201 N 484041.96825 E
Elevation	130.49750	130.651
Convergence	-00 53 34.02933	-00 53 34.11882
Scale Factor	0.999966944	0.999966951
Combined Factor	0.999946466	0.999946472
Grid Shift(m),	Delta North = -9.461 Delta East = 109594.446	
Datum Shift(m),	Delta Lat. = 7.758 Delta Lon. = -3.329	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI001-2001	66769.46710 N 363209.68060 E	66760.57270 N 472803.83316 E
Elevation	148.64030	148.776
Convergence	-00 58 12.25765	-00 58 12.34739
Scale Factor	0.999983502	0.999983511
Combined Factor	0.999960176	0.999960186
Grid Shift(m),	Delta North = -8.894 Delta East = 109594.153	
Datum Shift(m),	Delta Lat. = 7.691 Delta Lon. = -3.322	
AZI002-2001	68861.39380 N 360969.33450 E	68852.41184 N 470563.49377 E
Elevation	145.50750	145.647
Convergence	-00 59 10.36168	-00 59 10.44972
Scale Factor	0.999981448	0.999981457
Combined Factor	0.999958614	0.999958623
Grid Shift(m),	Delta North = -8.982 Delta East = 109594.159	
Datum Shift(m),	Delta Lat. = 7.734 Delta Lon. = -3.261	
AZI003-2001	69174.00410 N 363604.21790 E	69165.03962 N 473198.39139 E
Elevation	138.15440	138.292
Convergence	-00 58 03.22360	-00 58 03.31303
Scale Factor	0.999981101	0.999981110
Combined Factor	0.999959421	0.999959430
Grid Shift(m),	Delta North = -8.964 Delta East = 109594.173	
Datum Shift(m),	Delta Lat. = 7.705 Delta Lon. = -3.309	
AZI004-2001	73200.81840 N 362578.53750 E	73191.72527 N 472172.73929 E
Elevation	143.63380	143.775
Convergence	-00 58 31.16235	-00 58 31.25032
Scale Factor	0.999977424	0.999977433
Combined Factor	0.999954884	0.999954893
Grid Shift(m),	Delta North = -9.093 Delta East = 109594.202	
Datum Shift(m),	Delta Lat. = 7.743 Delta Lon. = -3.255	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI005-2001	76281.61480 N 356785.29380 E	76272.44272 N 466379.50461 E
Elevation	136.63510	136.773
Convergence	-01 01 00.54794	-01 01 00.63179
Scale Factor	0.999974947	0.999974955
Combined Factor	0.999953505	0.999953514
Grid Shift(m),	Delta North = -9.172 Delta East = 109594.211	
Datum Shift(m),	Delta Lat. = 7.758 Delta Lon. = -3.107	
AZI006-2001	75672.52490 N 365803.09370 E	75663.35591 N 475397.32498 E
Elevation	147.45980	147.605
Convergence	-00 57 09.83930	-00 57 09.92863
Scale Factor	0.999975310	0.999975319
Combined Factor	0.999952170	0.999952179
Grid Shift(m),	Delta North = -9.169 Delta East = 109594.231	
Datum Shift(m),	Delta Lat. = 7.759 Delta Lon. = -3.300	
AZI008-2001	83212.36880 N 378911.14030 E	83202.91796 N 488505.63327 E
Elevation	157.84560	157.998
Convergence	-00 51 37.76741	-00 51 37.85867
Scale Factor	0.999969802	0.999969809
Combined Factor	0.999945032	0.999945040
Grid Shift(m),	Delta North = -9.451 Delta East = 109594.493	
Datum Shift(m),	Delta Lat. = 7.868 Delta Lon. = -3.419	
AZI009-2001	74053.10950 N 376821.93670 E	74044.12373 N 486416.24243 E
Elevation	153.74890	153.901
Convergence	-00 52 27.63098	-00 52 27.72581
Scale Factor	0.999976499	0.999976508
Combined Factor	0.999952372	0.999952381
Grid Shift(m),	Delta North = -8.986 Delta East = 109594.306	
Datum Shift(m),	Delta Lat. = 7.611 Delta Lon. = -3.532	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI010-2001	69662.54800 N 375380.36180 E	69653.75792 N 484974.59006 E
Elevation	166.23620	166.385
Convergence	-00 53 02.73139	-00 53 02.82731
Scale Factor	0.999980451	0.999980460
Combined Factor	0.999954364	0.999954373
Grid Shift(m),	Delta North = -8.790	
	Delta East = 109594.228	
Datum Shift(m),	Delta Lat. = 7.515	
	Delta Lon. = -3.564	
AZI011-2001	69213.91510 N 380256.36210 E	69205.25280 N 489850.60349 E
Elevation	206.26930	206.417
Convergence	-00 50 58.04923	-00 50 58.14809
Scale Factor	0.999980808	0.999980817
Combined Factor	0.999948440	0.999948449
Grid Shift(m),	Delta North = -8.662	
	Delta East = 109594.241	
Datum Shift(m),	Delta Lat. = 7.399	
	Delta Lon. = -3.687	
AZI012-2001	66170.08220 N 376943.50990 E	66161.50639 N 486537.68772 E
Elevation	182.51750	182.665
Convergence	-00 52 21.45712	-00 52 21.55544
Scale Factor	0.999983891	0.999983901
Combined Factor	0.999955250	0.999955259
Grid Shift(m),	Delta North = -8.576	
	Delta East = 109594.178	
Datum Shift(m),	Delta Lat. = 7.382	
	Delta Lon. = -3.654	
AZI013-2001	66052.42690 N 381624.37400 E	66043.97955 N 491218.55217 E
Elevation	202.86620	203.015
Convergence	-00 50 21.93475	-00 50 22.03621
Scale Factor	0.999983941	0.999983950
Combined Factor	0.999952106	0.999952115
Grid Shift(m),	Delta North = -8.447	
	Delta East = 109594.178	
Datum Shift(m),	Delta Lat. = 7.258	
	Delta Lon. = -3.781	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI014-2001	66294.05500 N	66285.77411 N
	388689.81010 E	498283.99990 E
Elevation	210.14110	210.295
Convergence	-00 47 21.67433	-00 47 21.78022
Scale Factor	0.999983588	0.999983597
Combined Factor	0.999950612	0.999950621
Grid Shift(m),	Delta North = -8.281	
	Delta East = 109594.190	
Datum Shift(m),	Delta Lat. = 7.088	
	Delta Lon. = -3.964	
AZI015-2001	69068.39110 N	69059.89074 N
	387362.78180 E	496957.04885 E
Elevation	195.05850	195.213
Convergence	-00 47 56.53578	-00 47 56.63875
Scale Factor	0.999980850	0.999980859
Combined Factor	0.999950240	0.999950249
Grid Shift(m),	Delta North = -8.500	
	Delta East = 109594.267	
Datum Shift(m),	Delta Lat. = 7.243	
	Delta Lon. = -3.860	
AZI016-2001	72355.86840 N	72347.11641 N
	385446.93550 E	495041.28022 E
Elevation	222.03580	222.188
Convergence	-00 48 46.64741	-00 48 46.74706
Scale Factor	0.999977851	0.999977859
Combined Factor	0.999943008	0.999943017
Grid Shift(m),	Delta North = -8.752	
	Delta East = 109594.345	
Datum Shift(m),	Delta Lat. = 7.418	
	Delta Lon. = -3.738	
AZI017-2001	73923.79370 N	73914.98807 N
	392715.22550 E	502309.70347 E
Elevation	173.34710	173.501
Convergence	-00 45 41.50923	-00 45 41.61028
Scale Factor	0.999976417	0.999976426
Combined Factor	0.999949215	0.999949223
Grid Shift(m),	Delta North = -8.806	
	Delta East = 109594.478	
Datum Shift(m),	Delta Lat. = 7.432	
	Delta Lon. = -3.811	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI018-2001	77217.11380 N 385926.20980 E	77208.05664 N 495520.68657 E
Elevation	181.76800	181.920
Convergence	-00 48 36.16013	-00 48 36.25662
Scale Factor	0.999973858	0.999973866
Combined Factor	0.999945334	0.999945342
Grid Shift(m),	Delta North = -9.057 Delta East = 109594.477	
Datum Shift(m),	Delta Lat. = 7.612 Delta Lon. = -3.635	
AZI019-2001	77589.42950 N 382128.79280 E	77580.31288 N 491723.22727 E
Elevation	200.98000	201.129
Convergence	-00 50 13.36201	-00 50 13.45703
Scale Factor	0.999973618	0.999973626
Combined Factor	0.999942079	0.999942087
Grid Shift(m),	Delta North = -9.117 Delta East = 109594.434	
Datum Shift(m),	Delta Lat. = 7.662 Delta Lon. = -3.565	
AZI020-2001	79866.79900 N 385057.35930 E	79857.56638 N 494651.89143 E
Elevation	207.08190	207.233
Convergence	-00 48 59.33345	-00 48 59.42789
Scale Factor	0.999971937	0.999971945
Combined Factor	0.999939442	0.999939449
Grid Shift(m),	Delta North = -9.233 Delta East = 109594.532	
Datum Shift(m),	Delta Lat. = 7.726 Delta Lon. = -3.561	
AZI021-2001	86382.14030 N 384568.39480 E	86372.66457 N 494163.02374 E
Elevation	203.51960	203.672
Convergence	-00 49 14.22176	-00 49 14.31332
Scale Factor	0.999967928	0.999967935
Combined Factor	0.999935992	0.999935998
Grid Shift(m),	Delta North = -9.476 Delta East = 109594.629	
Datum Shift(m),	Delta Lat. = 7.820 Delta Lon. = -3.456	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI022-2001	87959.75450 N	87950.29437 N
	386225.78420 E	495820.44457 E
Elevation	218.93500	219.088
Convergence	-00 48 32.38020	-00 48 32.47207
Scale Factor	0.999967101	0.999967108
Combined Factor	0.999932746	0.999932752
Grid Shift(m),	Delta North = -9.460	
	Delta East = 109594.660	
Datum Shift(m),	Delta Lat. = 7.769	
	Delta Lon. = -3.472	
AZI023-2001	89485.86020 N	89476.41316 N
	382697.25200 E	492291.85018 E
Elevation	196.28990	196.445
Convergence	-00 50 03.25937	-00 50 03.35049
Scale Factor	0.999966395	0.999966401
Combined Factor	0.999935593	0.999935599
Grid Shift(m),	Delta North = -9.447	
	Delta East = 109594.598	
Datum Shift(m),	Delta Lat. = 7.721	
	Delta Lon. = -3.425	
AZI024-2001	92037.60280 N	92028.18068 N
	380698.88830 E	490293.45935 E
Elevation	192.48950	192.645
Convergence	-00 50 55.38301	-00 50 55.47349
Scale Factor	0.999965311	0.999965317
Combined Factor	0.999935106	0.999935111
Grid Shift(m),	Delta North = -9.422	
	Delta East = 109594.571	
Datum Shift(m),	Delta Lat. = 7.638	
	Delta Lon. = -3.390	
AZI025-2001	92484.23090 N	92474.81281 N
	384356.94430 E	493951.57402 E
Elevation	201.97590	202.132
Convergence	-00 49 21.87501	-00 49 21.96644
Scale Factor	0.999965115	0.999965121
Combined Factor	0.999933421	0.999933426
Grid Shift(m),	Delta North = -9.418	
	Delta East = 109594.630	
Datum Shift(m),	Delta Lat. = 7.623	
	Delta Lon. = -3.438	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI027-2001	79990.92070 N 396933.15300 E	79981.67924 N 506527.86669 E
Elevation	218.07790	218.230
Convergence	-00 43 55.71908	-00 43 55.81679
Scale Factor	0.999971740	0.999971748
Combined Factor	0.999937519	0.999937527
Grid Shift(m),	Delta North = -9.241 Delta East = 109594.714	
Datum Shift(m),	Delta Lat. = 7.720 Delta Lon. = -3.701	
AZI028-2001	77443.52510 N 392599.13760 E	77434.47996 N 502193.71682 E
Elevation	173.35930	173.513
Convergence	-00 45 45.67252	-00 45 45.77084
Scale Factor	0.999973617	0.999973625
Combined Factor	0.999946413	0.999946421
Grid Shift(m),	Delta North = -9.045 Delta East = 109594.579	
Datum Shift(m),	Delta Lat. = 7.591 Delta Lon. = -3.721	
AZI029-2001	74910.79820 N 395344.17970 E	74901.89774 N 504938.73553 E
Elevation	199.51160	199.664
Convergence	-00 44 34.66472	-00 44 34.76550
Scale Factor	0.999975573	0.999975581
Combined Factor	0.999944265	0.999944273
Grid Shift(m),	Delta North = -8.900 Delta East = 109594.556	
Datum Shift(m),	Delta Lat. = 7.499 Delta Lon. = -3.803	
AZI030-2001	70021.55600 N 395622.82710 E	70012.97149 N 505217.25885 E
Elevation	228.34240	228.496
Convergence	-00 44 25.92928	-00 44 26.03350
Scale Factor	0.999979842	0.999979851
Combined Factor	0.999944010	0.999944019
Grid Shift(m),	Delta North = -8.585 Delta East = 109594.432	
Datum Shift(m),	Delta Lat. = 7.296 Delta Lon. = -3.917	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI031-2001	71426.09370 N 367050.54810 E	71417.07936 N 476644.75263 E
Elevation	137.67420	137.820
Convergence	-00 56 36.17551	-00 56 36.26642
Scale Factor	0.999978935	0.999978944
Combined Factor	0.999957330	0.999957339
Grid Shift(m),	Delta North = -9.014 Delta East = 109594.205	
Datum Shift(m),	Delta Lat. = 7.700 Delta Lon. = -3.359	
AZI032-2001	76745.70060 N 391473.96200 E	76736.71287 N 501068.50165 E
Elevation	168.22540	168.380
Convergence	-00 46 14.19394	-00 46 14.29254
Scale Factor	0.999974160	0.999974168
Combined Factor	0.999947762	0.999947770
Grid Shift(m),	Delta North = -8.988 Delta East = 109594.540	
Datum Shift(m),	Delta Lat. = 7.552 Delta Lon. = -3.730	
AZI035-2001	77117.08010 N 397671.00820 E	77108.01637 N 507265.66133 E
Elevation	205.35780	205.509
Convergence	-00 43 35.92001	-00 43 36.01980
Scale Factor	0.999973814	0.999973822
Combined Factor	0.999941589	0.999941597
Grid Shift(m),	Delta North = -9.064 Delta East = 109594.653	
Datum Shift(m),	Delta Lat. = 7.607 Delta Lon. = -3.771	
AZI036-2001	65808.81910 N 385478.28140 E	65800.48752 N 495072.45545 E
Elevation	150.96040	151.114
Convergence	-00 48 43.47610	-00 48 43.58026
Scale Factor	0.999984136	0.999984145
Combined Factor	0.999960446	0.999960456
Grid Shift(m),	Delta North = -8.332 Delta East = 109594.174	
Datum Shift(m),	Delta Lat. = 7.149 Delta Lon. = -3.890	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI037-2001	85653.12100 N 393384.29200 E	85643.64145 N 502979.06653 E
Elevation	192.32520	192.479
Convergence	-00 45 28.37860	-00 45 28.47233
Scale Factor	0.999968259	0.999968265
Combined Factor	0.999938078	0.999938085
Grid Shift(m),	Delta North = -9.480 Delta East = 109594.775	
Datum Shift(m),	Delta Lat. = 7.835 Delta Lon. = -3.564	
AZI039-2001	82259.71950 N 393674.88040 E	82250.34166 N 503269.61418 E
Elevation	213.01180	213.165
Convergence	-00 45 19.79809	-00 45 19.89307
Scale Factor	0.999970267	0.999970275
Combined Factor	0.999936841	0.999936848
Grid Shift(m),	Delta North = -9.378 Delta East = 109594.734	
Datum Shift(m),	Delta Lat. = 7.811 Delta Lon. = -3.610	
AZI040-2001	85170.17710 N 389158.88150 E	85160.69387 N 498753.60181 E
Elevation	209.27860	209.430
Convergence	-00 47 16.32683	-00 47 16.41911
Scale Factor	0.999968560	0.999968567
Combined Factor	0.999935719	0.999935726
Grid Shift(m),	Delta North = -9.483 Delta East = 109594.720	
Datum Shift(m),	Delta Lat. = 7.856 Delta Lon. = -3.509	
AZI042-2001	73415.30200 N 355749.28370 E	73406.18262 N 465343.46368 E
Elevation	136.64440	136.781
Convergence	-01 01 25.71362	-01 01 25.79760
Scale Factor	0.999977342	0.999977350
Combined Factor	0.999955899	0.999955907
Grid Shift(m),	Delta North = -9.119 Delta East = 109594.180	
Datum Shift(m),	Delta Lat. = 7.773 Delta Lon. = -3.114	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI043-2001	85101.26350 N 361840.88340 E	85091.86461 N 471435.18535 E
Elevation	139.23350	139.376
Convergence	-00 58 55.21681	-00 58 55.30159
Scale Factor	0.999968840	0.999968847
Combined Factor	0.999946991	0.999946998
Grid Shift(m),	Delta North = -9.399 Delta East = 109594.302	
Datum Shift(m),	Delta Lat. = 7.778 Delta Lon. = -3.133	
AZI044-2001	63835.46480 N 357993.53490 E	63826.56297 N 467587.63472 E
Elevation	137.41980	137.554
Convergence	-01 00 24.08302	-01 00 24.17064
Scale Factor	0.999986714	0.999986724
Combined Factor	0.999965149	0.999965159
Grid Shift(m),	Delta North = -8.902 Delta East = 109594.100	
Datum Shift(m),	Delta Lat. = 7.774 Delta Lon. = -3.251	
AZII64L21-2001	80175.46860 N 399541.08920 E	80166.20297 N 509135.84259 E
Elevation	223.92210	224.072
Convergence	-00 42 49.09233	-00 42 49.19076
Scale Factor	0.999971591	0.999971599
Combined Factor	0.999936453	0.999936460
Grid Shift(m),	Delta North = -9.266 Delta East = 109594.753	
Datum Shift(m),	Delta Lat. = 7.735 Delta Lon. = -3.725	
AZI861-2001	96768.61740 N 380534.45510 E	96759.24300 N 490129.03871 E
Elevation	140.79740	140.955
Convergence	-00 51 01.39183	-00 51 01.48191
Scale Factor	0.999963701	0.999963706
Combined Factor	0.999941607	0.999941612
Grid Shift(m),	Delta North = -9.374 Delta East = 109594.584	
Datum Shift(m),	Delta Lat. = 7.482 Delta Lon. = -3.368	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8611-2001	77898.30380 N 357132.62140 E	77889.09893 N 466726.84844 E
Elevation	139.58690	139.725
Convergence	-01 00 52.40379	-01 00 52.48744
Scale Factor	0.999973689	0.999973697
Combined Factor	0.999951785	0.999951793
Grid Shift(m),	Delta North = -9.205 Delta East = 109594.227	
Datum Shift(m),	Delta Lat. = 7.753 Delta Lon. = -3.098	
AZI8614-2001	64162.01200 N 354740.22350 E	64153.04248 N 464334.30804 E
Elevation	132.81830	132.954
Convergence	-01 01 47.24140	-01 01 47.32723
Scale Factor	0.999986419	0.999986429
Combined Factor	0.999965576	0.999965587
Grid Shift(m),	Delta North = -8.970 Delta East = 109594.085	
Datum Shift(m),	Delta Lat. = 7.839 Delta Lon. = -3.188	
AZI8615-2001	59912.24060 N 353794.57240 E	59903.31926 N 463388.60863 E
Elevation	134.81980	134.952
Convergence	-01 02 09.40973	-01 02 09.49619
Scale Factor	0.999991304	0.999991315
Combined Factor	0.999970147	0.999970158
Grid Shift(m),	Delta North = -8.921 Delta East = 109594.036	
Datum Shift(m),	Delta Lat. = 7.892 Delta Lon. = -3.215	
AZI8616-2001	57123.28540 N 352142.87320 E	57114.35771 N 461736.86924 E
Elevation	130.76900	130.899
Convergence	-01 02 50.23175	-01 02 50.31814
Scale Factor	0.999994776	0.999994787
Combined Factor	0.999974254	0.999974265
Grid Shift(m),	Delta North = -8.928 Delta East = 109593.996	
Datum Shift(m),	Delta Lat. = 7.966 Delta Lon. = -3.216	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8618-2001	62699.80990 N	62691.01041 N
	361698.75030 E	471292.86160 E
Elevation	161.57240	161.701
Convergence	-00 58 49.04677	-00 58 49.13660
Scale Factor	0.999987905	0.999987916
Combined Factor	0.999962550	0.999962561
Grid Shift(m),	Delta North = -8.799	
	Delta East = 109594.111	
Datum Shift(m),	Delta Lat. = 7.692	
	Delta Lon. = -3.329	
AZI8620-2001	65400.04800 N	65391.58703 N
	379700.43880 E	489294.60312 E
Elevation	190.28530	190.434
Convergence	-00 51 10.79453	-00 51 10.89506
Scale Factor	0.999984652	0.999984661
Combined Factor	0.999954791	0.999954800
Grid Shift(m),	Delta North = -8.461	
	Delta East = 109594.164	
Datum Shift(m),	Delta Lat. = 7.286	
	Delta Lon. = -3.741	
AZI8622-2001	66870.92810 N	66862.63187 N
	391239.92760 E	500834.16063 E
Elevation	205.29130	205.444
Convergence	-00 46 16.77775	-00 46 16.88422
Scale Factor	0.999982964	0.999982973
Combined Factor	0.999950749	0.999950758
Grid Shift(m),	Delta North = -8.296	
	Delta East = 109594.233	
Datum Shift(m),	Delta Lat. = 7.089	
	Delta Lon. = -3.991	
AZI8624-2001	72086.82490 N	72078.08313 N
	397322.90400 E	506917.42647 E
Elevation	205.34660	205.500
Convergence	-00 43 43.18263	-00 43 43.28561
Scale Factor	0.999977947	0.999977956
Combined Factor	0.999945723	0.999945732
Grid Shift(m),	Delta North = -8.742	
	Delta East = 109594.522	
Datum Shift(m),	Delta Lat. = 7.402	
	Delta Lon. = -3.877	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8627-2001	85385.62590 N 397890.17650 E	85376.14195 N 507484.99492 E
Elevation	216.68680	216.841
Convergence	-00 43 32.99542	-00 43 33.09103
Scale Factor	0.999968374	0.999968381
Combined Factor	0.999934371	0.999934378
Grid Shift(m),	Delta North = -9.484 Delta East = 109594.818	
Datum Shift(m),	Delta Lat. = 7.837 Delta Lon. = -3.628	
AZI8628-2001	87963.22670 N 393429.26280 E	87953.76439 N 503024.03121 E
Elevation	192.22660	192.383
Convergence	-00 45 28.00973	-00 45 28.10365
Scale Factor	0.999967051	0.999967057
Combined Factor	0.999936886	0.999936893
Grid Shift(m),	Delta North = -9.462 Delta East = 109594.768	
Datum Shift(m),	Delta Lat. = 7.766 Delta Lon. = -3.565	
AZI8629-2001	93064.55630 N 385356.34380 E	93055.14353 N 494950.98927 E
Elevation	210.48320	210.640
Convergence	-00 48 56.49324	-00 48 56.58494
Scale Factor	0.999964890	0.999964895
Combined Factor	0.999931860	0.999931866
Grid Shift(m),	Delta North = -9.413 Delta East = 109594.645	
Datum Shift(m),	Delta Lat. = 7.605 Delta Lon. = -3.451	
AZI863-2001	91814.12310 N 377932.85860 E	91804.69880 N 487527.38433 E
Elevation	132.74840	132.904
Convergence	-00 52 06.12545	-00 52 06.21525
Scale Factor	0.999965418	0.999965424
Combined Factor	0.999944587	0.999944592
Grid Shift(m),	Delta North = -9.424 Delta East = 109594.526	
Datum Shift(m),	Delta Lat. = 7.645 Delta Lon. = -3.354	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8632-2001	80451.74400 N 392499.42010 E	80442.49339 N 502094.08665 E
Elevation	178.52370	178.677
Convergence	-00 45 49.24644	-00 45 49.34240
Scale Factor	0.999971465	0.999971472
Combined Factor	0.999943450	0.999943458
Grid Shift(m),	Delta North = -9.251 Delta East = 109594.667	
Datum Shift(m),	Delta Lat. = 7.727 Delta Lon. = -3.642	
AZI8633-2001	77958.94990 N 389786.46010 E	77949.87861 N 499381.01134 E
Elevation	217.90350	218.057
Convergence	-00 46 57.74899	-00 46 57.84614
Scale Factor	0.999973261	0.999973269
Combined Factor	0.999939067	0.999939075
Grid Shift(m),	Delta North = -9.071 Delta East = 109594.551	
Datum Shift(m),	Delta Lat. = 7.609 Delta Lon. = -3.678	
AZI8634-2001	74814.78080 N 389450.64830 E	74805.92495 N 499045.09933 E
Elevation	206.73230	206.887
Convergence	-00 47 05.23240	-00 47 05.33195
Scale Factor	0.999975716	0.999975724
Combined Factor	0.999943274	0.999943283
Grid Shift(m),	Delta North = -8.856 Delta East = 109594.451	
Datum Shift(m),	Delta Lat. = 7.466 Delta Lon. = -3.756	
AZI8635-2001	71754.63150 N 389623.32720 E	71745.99158 N 499217.68626 E
Elevation	171.64720	171.802
Convergence	-00 46 59.75086	-00 46 59.85295
Scale Factor	0.999978332	0.999978341
Combined Factor	0.999951396	0.999951405
Grid Shift(m),	Delta North = -8.640 Delta East = 109594.359	
Datum Shift(m),	Delta Lat. = 7.321 Delta Lon. = -3.841	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8636-2001	69308.87860 N 384080.54930 E	69300.29254 N 493674.80889 E
Elevation	200.51450	200.666
Convergence	-00 49 20.43442	-00 49 20.53538
Scale Factor	0.999980664	0.999980673
Combined Factor	0.999949198	0.999949207
Grid Shift(m),	Delta North = -8.586 Delta East = 109594.260	
Datum Shift(m),	Delta Lat. = 7.322 Delta Lon. = -3.776	
AZI8637-2001	71608.46100 N 382924.13750 E	71599.71147 N 492518.44536 E
Elevation	204.96240	205.111
Convergence	-00 49 50.81507	-00 49 50.91398
Scale Factor	0.999978548	0.999978556
Combined Factor	0.999946384	0.999946393
Grid Shift(m),	Delta North = -8.750 Delta East = 109594.308	
Datum Shift(m),	Delta Lat. = 7.432 Delta Lon. = -3.701	
AZI8638-2001	74762.41620 N 384383.69310 E	74753.49645 N 493978.08895 E
Elevation	225.46160	225.612
Convergence	-00 49 14.68853	-00 49 14.78611
Scale Factor	0.999975817	0.999975825
Combined Factor	0.999940437	0.999940445
Grid Shift(m),	Delta North = -8.920 Delta East = 109594.396	
Datum Shift(m),	Delta Lat. = 7.530 Delta Lon. = -3.663	
AZI864-2001	89941.50210 N 376345.95800 E	89932.05802 N 485940.44728 E
Elevation	137.38400	137.538
Convergence	-00 52 46.02339	-00 52 46.11305
Scale Factor	0.999966231	0.999966237
Combined Factor	0.999944672	0.999944678
Grid Shift(m),	Delta North = -9.444 Delta East = 109594.489	
Datum Shift(m),	Delta Lat. = 7.707 Delta Lon. = -3.343	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI8640-2001	83790.21500 N	83780.73529 N
	383323.63690 E	492918.23156 E
Elevation	193.60720	193.759
Convergence	-00 49 45.11427	-00 49 45.20587
Scale Factor	0.999969411	0.999969418
Combined Factor	0.999939030	0.999939037
Grid Shift(m),	Delta North = -9.480	
	Delta East = 109594.595	
Datum Shift(m),	Delta Lat. = 7.884	
	Delta Lon. = -3.456	
AZI8641-2001	83274.50800 N	83265.06540 N
	388892.51550 E	498487.21095 E
Elevation	221.68010	221.831
Convergence	-00 47 22.47360	-00 47 22.56635
Scale Factor	0.999969676	0.999969683
Combined Factor	0.999934889	0.999934896
Grid Shift(m),	Delta North = -9.443	
	Delta East = 109594.695	
Datum Shift(m),	Delta Lat. = 7.858	
	Delta Lon. = -3.526	
AZI8642-2001	80501.04020 N	80491.69916 N
	372235.99640 E	481830.32826 E
Elevation	152.62730	152.779
Convergence	-00 54 27.40841	-00 54 27.49939
Scale Factor	0.999971633	0.999971641
Combined Factor	0.999947682	0.999947690
Grid Shift(m),	Delta North = -9.341	
	Delta East = 109594.332	
Datum Shift(m),	Delta Lat. = 7.819	
	Delta Lon. = -3.374	
BA36-01	82787.71060 N	82778.29170 N
	383561.71600 E	493156.29215 E
Elevation	196.00400	196.156
Convergence	-00 49 38.65360	-00 49 38.74586
Scale Factor	0.999970023	0.999970030
Combined Factor	0.999939265	0.999939273
Grid Shift(m),	Delta North = -9.419	
	Delta East = 109594.576	
Datum Shift(m),	Delta Lat. = 7.846	
	Delta Lon. = -3.479	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BA50-01	82773.36100 N 396538.36150 E	82763.94248 N 506133.14146 E
Elevation	191.46510	191.618
Convergence	-00 44 06.72694	-00 44 06.82264
Scale Factor	0.999969922	0.999969929
Combined Factor	0.999939876	0.999939884
Grid Shift(m),	Delta North = -9.419 Delta East = 109594.780	
Datum Shift(m),	Delta Lat. = 7.834 Delta Lon. = -3.635	
BA50-02	82688.51420 N 396225.68950 E	82679.10182 N 505820.46381 E
Elevation	190.62610	190.779
Convergence	-00 44 14.69681	-00 44 14.79245
Scale Factor	0.999969977	0.999969984
Combined Factor	0.999940063	0.999940071
Grid Shift(m),	Delta North = -9.412 Delta East = 109594.774	
Datum Shift(m),	Delta Lat. = 7.830 Delta Lon. = -3.632	
BC41-01	81406.66980 N 388635.45550 E	81397.35383 N 498230.09129 E
Elevation	202.97410	203.126
Convergence	-00 47 28.38931	-00 47 28.48346
Scale Factor	0.999970862	0.999970870
Combined Factor	0.999939011	0.999939018
Grid Shift(m),	Delta North = -9.316 Delta East = 109594.636	
Datum Shift(m),	Delta Lat. = 7.775 Delta Lon. = -3.571	
BC42-02	81272.60810 N 388493.24160 E	81263.30068 N 498087.87091 E
Elevation	195.43680	195.589
Convergence	-00 47 31.97887	-00 47 32.07309
Scale Factor	0.999970952	0.999970959
Combined Factor	0.999940283	0.999940291
Grid Shift(m),	Delta North = -9.307 Delta East = 109594.629	
Datum Shift(m),	Delta Lat. = 7.769 Delta Lon. = -3.573	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BD15-01	80860.20430 N 364736.56810 E	80850.86776 N 474330.83624 E
Elevation	142.02120	142.166
Convergence	-00 57 39.31621	-00 57 39.40381
Scale Factor	0.999971471	0.999971479
Combined Factor	0.999949185	0.999949192
Grid Shift(m),	Delta North = -9.337 Delta East = 109594.268	
Datum Shift(m),	Delta Lat. = 7.810 Delta Lon. = -3.236	
BD15-02	80664.93440 N 364704.19210 E	80655.60448 N 474298.45867 E
Elevation	140.82320	140.968
Convergence	-00 57 40.06029	-00 57 40.14792
Scale Factor	0.999971605	0.999971612
Combined Factor	0.999949506	0.999949514
Grid Shift(m),	Delta North = -9.330 Delta East = 109594.267	
Datum Shift(m),	Delta Lat. = 7.808 Delta Lon. = -3.237	
BG11-01	78786.89380 N 360910.32390 E	78777.64847 N 470504.56770 E
Elevation	135.87800	136.021
Convergence	-00 59 16.23786	-00 59 16.32358
Scale Factor	0.999972980	0.999972988
Combined Factor	0.999951657	0.999951665
Grid Shift(m),	Delta North = -9.245 Delta East = 109594.244	
Datum Shift(m),	Delta Lat. = 7.769 Delta Lon. = -3.171	
BH11-01	78366.76640 N 360499.51150 E	78357.53428 N 470093.75075 E
Elevation	134.05780	134.201
Convergence	-00 59 26.55368	-00 59 26.63925
Scale Factor	0.999973294	0.999973302
Combined Factor	0.999952257	0.999952265
Grid Shift(m),	Delta North = -9.232 Delta East = 109594.239	
Datum Shift(m),	Delta Lat. = 7.766 Delta Lon. = -3.166	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BH26-01	78110.85090 N 374813.56440 E	78101.63925 N 484407.90681 E
Elevation	143.28810	143.441
Convergence	-00 53 20.55255	-00 53 20.64502
Scale Factor	0.999973310	0.999973318
Combined Factor	0.999950825	0.999950833
Grid Shift(m),	Delta North = -9.212 Delta East = 109594.342	
Datum Shift(m),	Delta Lat. = 7.744 Delta Lon. = -3.440	
BH30-01	78444.58140 N 378206.15850 E	78435.38211 N 487800.55456 E
Elevation	157.17990	157.333
Convergence	-00 51 53.95867	-00 51 54.05204
Scale Factor	0.999973026	0.999973033
Combined Factor	0.999948360	0.999948368
Grid Shift(m),	Delta North = -9.199 Delta East = 109594.396	
Datum Shift(m),	Delta Lat. = 7.725 Delta Lon. = -3.488	
BH31-01	78363.83390 N 378792.81540 E	78354.64385 N 488387.21852 E
Elevation	159.06660	159.219
Convergence	-00 51 38.93059	-00 51 39.02417
Scale Factor	0.999973078	0.999973086
Combined Factor	0.999948117	0.999948125
Grid Shift(m),	Delta North = -9.190 Delta East = 109594.403	
Datum Shift(m),	Delta Lat. = 7.717 Delta Lon. = -3.498	
BL27-01	75617.60940 N 375473.51460 E	75608.52648 N 485067.83026 E
Elevation	144.91220	145.065
Convergence	-00 53 02.69927	-00 53 02.79291
Scale Factor	0.999975230	0.999975238
Combined Factor	0.999952489	0.999952498
Grid Shift(m),	Delta North = -9.083 Delta East = 109594.316	
Datum Shift(m),	Delta Lat. = 7.672 Delta Lon. = -3.484	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BL32-01	75858.66420 N 379726.61710 E	75849.62076 N 489320.98547 E
Elevation	182.31690	182.467
Convergence	-00 51 14.10492	-00 51 14.20006
Scale Factor	0.999974985	0.999974994
Combined Factor	0.999946375	0.999946384
Grid Shift(m),	Delta North = -9.043 Delta East = 109594.368	
Datum Shift(m),	Delta Lat. = 7.628 Delta Lon. = -3.557	
BM11-03	75245.89980 N 360579.93670 E	75236.74744 N 470174.14918 E
Elevation	136.22130	136.364
Convergence	-00 59 23.11970	-00 59 23.20604
Scale Factor	0.999975729	0.999975737
Combined Factor	0.999954352	0.999954361
Grid Shift(m),	Delta North = -9.152 Delta East = 109594.212	
Datum Shift(m),	Delta Lat. = 7.758 Delta Lon. = -3.196	
BM27-01	75196.76930 N 375453.62310 E	75187.70689 N 485047.93245 E
Elevation	145.39180	145.545
Convergence	-00 53 03.04162	-00 53 03.13541
Scale Factor	0.999975570	0.999975579
Combined Factor	0.999952755	0.999952763
Grid Shift(m),	Delta North = -9.062 Delta East = 109594.309	
Datum Shift(m),	Delta Lat. = 7.661 Delta Lon. = -3.489	
BM32-02	75359.41920 N 379682.66460 E	75350.40290 N 489277.02284 E
Elevation	180.95750	181.107
Convergence	-00 51 15.03793	-00 51 15.13331
Scale Factor	0.999975386	0.999975395
Combined Factor	0.999946990	0.999946998
Grid Shift(m),	Delta North = -9.016 Delta East = 109594.358	
Datum Shift(m),	Delta Lat. = 7.612 Delta Lon. = -3.565	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BN24-01	74508.23830 N 372517.78900 E	74499.16829 N 482112.05920 E
Elevation	139.12970	139.284
Convergence	-00 54 17.78272	-00 54 17.87556
Scale Factor	0.999976175	0.999976183
Combined Factor	0.999954342	0.999954350
Grid Shift(m),	Delta North = -9.070 Delta East = 109594.270	
Datum Shift(m),	Delta Lat. = 7.684 Delta Lon. = -3.443	
BN24-02	74534.73080 N 372208.50720 E	74525.65520 N 481802.77463 E
Elevation	139.72350	139.878
Convergence	-00 54 25.69575	-00 54 25.78846
Scale Factor	0.999976157	0.999976165
Combined Factor	0.999954230	0.999954239
Grid Shift(m),	Delta North = -9.076 Delta East = 109594.267	
Datum Shift(m),	Delta Lat. = 7.689 Delta Lon. = -3.436	
BOWMAN-RESET	81239.42080 N 376047.94150 E	81230.06395 N 485642.34816 E
Elevation	163.79700	163.950
Convergence	-00 52 50.22836	-00 52 50.31996
Scale Factor	0.999971094	0.999971102
Combined Factor	0.999945390	0.999945398
Grid Shift(m),	Delta North = -9.357 Delta East = 109594.407	
Datum Shift(m),	Delta Lat. = 7.818 Delta Lon. = -3.415	
BP20-01	73693.31820 N 368494.50660 E	73684.22323 N 478088.73208 E
Elevation	138.07680	138.229
Convergence	-00 56 00.23976	-00 56 00.33106
Scale Factor	0.999976916	0.999976924
Combined Factor	0.999955248	0.999955257
Grid Shift(m),	Delta North = -9.095 Delta East = 109594.225	
Datum Shift(m),	Delta Lat. = 7.727 Delta Lon. = -3.371	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BP35-02	73712.28360 N 380405.83160 E	73703.36948 N 490000.16469 E
Elevation	201.56590	201.713
Convergence	-00 50 55.93449	-00 50 56.03103
Scale Factor	0.999976742	0.999976750
Combined Factor	0.999945111	0.999945120
Grid Shift(m),	Delta North = -8.914 Delta East = 109594.333	
Datum Shift(m),	Delta Lat. = 7.548 Delta Lon. = -3.608	
BP35-03	73332.24420 N 380366.86680 E	73323.35097 N 489961.19188 E
Elevation	206.64510	206.792
Convergence	-00 50 56.78609	-00 50 56.88281
Scale Factor	0.999977067	0.999977075
Combined Factor	0.999944639	0.999944647
Grid Shift(m),	Delta North = -8.893 Delta East = 109594.325	
Datum Shift(m),	Delta Lat. = 7.536 Delta Lon. = -3.614	
BR25-01	72335.40420 N 373860.89170 E	72326.45560 N 483455.14751 E
Elevation	141.38770	141.541
Convergence	-00 53 42.59816	-00 53 42.69231
Scale Factor	0.999978021	0.999978030
Combined Factor	0.999955834	0.999955843
Grid Shift(m),	Delta North = -8.949 Delta East = 109594.256	
Datum Shift(m),	Delta Lat. = 7.612 Delta Lon. = -3.495	
BR25-02	72093.84300 N 373964.58790 E	72084.90763 N 483558.84136 E
Elevation	142.09520	142.248
Convergence	-00 53 39.85304	-00 53 39.94732
Scale Factor	0.999978234	0.999978243
Combined Factor	0.999955936	0.999955945
Grid Shift(m),	Delta North = -8.935 Delta East = 109594.253	
Datum Shift(m),	Delta Lat. = 7.605 Delta Lon. = -3.500	

Original Horizontal Coordinates:
kyhp gn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BS30-01	71743.99800 N 377996.14620 E	71735.15208 N 487590.42279 E
Elevation	194.24290	194.392
Convergence	-00 51 56.73887	-00 51 56.83527
Scale Factor	0.999978492	0.999978500
Combined Factor	0.999948010	0.999948019
Grid Shift(m),	Delta North = -8.846 Delta East = 109594.277	
Datum Shift(m),	Delta Lat. = 7.524 Delta Lon. = -3.592	
BS30-02	71911.55690 N 378020.49370 E	71902.70249 N 487614.77339 E
Elevation	190.02840	190.178
Convergence	-00 51 56.18164	-00 51 56.27798
Scale Factor	0.999978341	0.999978350
Combined Factor	0.999948521	0.999948530
Grid Shift(m),	Delta North = -8.854 Delta East = 109594.280	
Datum Shift(m),	Delta Lat. = 7.529 Delta Lon. = -3.590	
BT09-01	71247.30600 N 358529.75330 E	71238.24409 N 468123.92325 E
Elevation	135.96430	136.105
Convergence	-01 00 13.71484	-01 00 13.80095
Scale Factor	0.999979231	0.999979240
Combined Factor	0.999957894	0.999957903
Grid Shift(m),	Delta North = -9.062 Delta East = 109594.170	
Datum Shift(m),	Delta Lat. = 7.762 Delta Lon. = -3.191	
BT23-01	70884.98610 N 372296.49400 E	70876.07565 N 481890.72214 E
Elevation	140.87140	141.023
Convergence	-00 54 21.97276	-00 54 22.06659
Scale Factor	0.999979353	0.999979362
Combined Factor	0.999957246	0.999957255
Grid Shift(m),	Delta North = -8.910 Delta East = 109594.228	
Datum Shift(m),	Delta Lat. = 7.607 Delta Lon. = -3.478	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
BT23-01ECC	70965.20500 N 372016.09210 E	70956.28551 N 481610.31948 E
Elevation	139.78120	139.932
Convergence	-00 54 29.16644	-00 54 29.26010
Scale Factor	0.999979283	0.999979292
Combined Factor	0.999957348	0.999957357
Grid Shift(m),	Delta North = -8.919 Delta East = 109594.227	
Datum Shift(m),	Delta Lat. = 7.614 Delta Lon. = -3.470	
BU07-01	70289.22140 N 357396.41710 E	70280.17195 N 466990.57362 E
Elevation	136.38240	136.522
Convergence	-01 00 42.22667	-01 00 42.31238
Scale Factor	0.999980140	0.999980149
Combined Factor	0.999958738	0.999958747
Grid Shift(m),	Delta North = -9.049 Delta East = 109594.157	
Datum Shift(m),	Delta Lat. = 7.773 Delta Lon. = -3.178	
BU20-01	70202.48270 N 368634.42920 E	70193.52785 N 478228.63164 E
Elevation	139.22810	139.375
Convergence	-00 55 55.21426	-00 55 55.30630
Scale Factor	0.999980042	0.999980051
Combined Factor	0.999958193	0.999958202
Grid Shift(m),	Delta North = -8.955 Delta East = 109594.202	
Datum Shift(m),	Delta Lat. = 7.666 Delta Lon. = -3.400	
BV20-01	69637.08780 N 368591.83760 E	69628.15456 N 478186.03591 E
Elevation	146.14240	146.289
Convergence	-00 55 56.06697	-00 55 56.15909
Scale Factor	0.999980577	0.999980587
Combined Factor	0.999957644	0.999957653
Grid Shift(m),	Delta North = -8.933 Delta East = 109594.198	
Datum Shift(m),	Delta Lat. = 7.657 Delta Lon. = -3.403	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
CA09-01	66567.87450 N 359254.18430 E	66558.93000 N 468848.31549 E
Elevation	147.09050	147.228
Convergence	-00 59 53.13171	-00 59 53.21935
Scale Factor	0.999983779	0.999983789
Combined Factor	0.999960696	0.999960706
Grid Shift(m),	Delta North = -8.944	
	Delta East = 109594.131	
Datum Shift(m),	Delta Lat. = 7.751	
	Delta Lon. = -3.249	
CA09-02	66619.31470 N 358716.13240 E	66610.36127 N 468310.26135 E
Elevation	135.99290	136.130
Convergence	-01 00 06.88792	-01 00 06.97526
Scale Factor	0.999983735	0.999983745
Combined Factor	0.999962395	0.999962404
Grid Shift(m),	Delta North = -8.953	
	Delta East = 109594.129	
Datum Shift(m),	Delta Lat. = 7.760	
	Delta Lon. = -3.238	
CA20-01	66882.66340 N 368751.37930 E	66873.84404 N 478345.55856 E
Elevation	157.33720	157.478
Convergence	-00 55 50.85041	-00 55 50.94317
Scale Factor	0.999983292	0.999983301
Combined Factor	0.999958602	0.999958611
Grid Shift(m),	Delta North = -8.819	
	Delta East = 109594.179	
Datum Shift(m),	Delta Lat. = 7.606	
	Delta Lon. = -3.428	
CA20-02	66686.91220 N 368925.51210 E	66678.10517 N 478519.69011 E
Elevation	161.21670	161.358
Convergence	-00 55 46.32441	-00 55 46.41733
Scale Factor	0.999983489	0.999983499
Combined Factor	0.999958190	0.999958200
Grid Shift(m),	Delta North = -8.807	
	Delta East = 109594.178	
Datum Shift(m),	Delta Lat. = 7.598	
	Delta Lon. = -3.434	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
ECC86-43	84809.99020 N 367824.14910 E	84800.49846 N 477418.45204 E
Elevation	140.25240	140.400
Convergence	-00 56 22.02282	-00 56 22.11153
Scale Factor	0.999968950	0.999968957
Combined Factor	0.999946941	0.999946948
Grid Shift(m),	Delta North = -9.492 Delta East = 109594.303	
Datum Shift(m),	Delta Lat. = 7.873 Delta Lon. = -3.273	
EDWARD 2	88306.87670 N 355090.45480 E	88297.61239 N 464684.80230 E
Elevation	279.53000	279.662
Convergence	-01 01 49.38544	-01 01 49.46460
Scale Factor	0.999967178	0.999967184
Combined Factor	0.999923314	0.999923320
Grid Shift(m),	Delta North = -9.264 Delta East = 109594.348	
Datum Shift(m),	Delta Lat. = 7.574 Delta Lon. = -2.931	
GOSHEN RM 1	101602.22460 N 385229.92750 E	101592.89312 N 494824.57439 E
Elevation	217.87200	218.031
Convergence	-00 49 02.85068	-00 49 02.94230
Scale Factor	0.999962612	0.999962616
Combined Factor	0.999928423	0.999928427
Grid Shift(m),	Delta North = -9.331 Delta East = 109594.647	
Datum Shift(m),	Delta Lat. = 7.330 Delta Lon. = -3.429	
GPS-#47	87970.43380 N 390078.49500 E	87960.97553 N 499673.22597 E
Elevation	229.63370	229.788
Convergence	-00 46 53.77510	-00 46 53.86774
Scale Factor	0.999967070	0.999967076
Combined Factor	0.999931035	0.999931041
Grid Shift(m),	Delta North = -9.458 Delta East = 109594.731	
Datum Shift(m),	Delta Lat. = 7.767 Delta Lon. = -3.518	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS-#48	90232.81940 N	90223.37981 N
	383838.22310 E	493432.84215 E
Elevation	204.30850	204.463
Convergence	-00 49 34.32733	-00 49 34.41867
Scale Factor	0.999966051	0.999966057
Combined Factor	0.999933990	0.999933996
Grid Shift(m),	Delta North =	-9.440
	Delta East =	109594.619
Datum Shift(m),	Delta Lat. =	7.696
	Delta Lon. =	-3.437
GPS-#47-AZ	87666.06250 N	87656.60184 N
	390582.69080 E	500177.43192 E
Elevation	227.02780	227.182
Convergence	-00 46 40.76448	-00 46 40.85719
Scale Factor	0.999967218	0.999967224
Combined Factor	0.999931592	0.999931599
Grid Shift(m),	Delta North =	-9.461
	Delta East =	109594.741
Datum Shift(m),	Delta Lat. =	7.776
	Delta Lon. =	-3.524
GPS-#48-AZ	90602.80090 N	90593.36490 N
	384314.57040 E	493909.19786 E
Elevation	206.96320	207.118
Convergence	-00 49 22.26816	-00 49 22.35961
Scale Factor	0.999965886	0.999965892
Combined Factor	0.999933409	0.999933415
Grid Shift(m),	Delta North =	-9.436
	Delta East =	109594.627
Datum Shift(m),	Delta Lat. =	7.684
	Delta Lon. =	-3.442
GPS86-1	97192.43630 N	97183.06638 N
	380296.09560 E	489890.67754 E
Elevation	139.61740	139.775
Convergence	-00 51 07.66058	-00 51 07.75054
Scale Factor	0.999963585	0.999963590
Combined Factor	0.999941675	0.999941680
Grid Shift(m),	Delta North =	-9.370
	Delta East =	109594.582
Datum Shift(m),	Delta Lat. =	7.468
	Delta Lon. =	-3.362

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-11	78355.59520 N 357386.89190 E	78346.37993 N 466981.12384 E
Elevation	139.94410	140.083
Convergence	-01 00 46.11135	-01 00 46.19504
Scale Factor	0.999973343	0.999973351
Combined Factor	0.999951382	0.999951390
Grid Shift(m),	Delta North = -9.215 Delta East = 109594.232	
Datum Shift(m),	Delta Lat. = 7.753 Delta Lon. = -3.099	
GPS86-14	64656.71480 N 354771.20840 E	64647.73759 N 464365.29802 E
Elevation	139.18120	139.317
Convergence	-01 01 46.67766	-01 01 46.76337
Scale Factor	0.999985881	0.999985891
Combined Factor	0.999964040	0.999964050
Grid Shift(m),	Delta North = -8.977 Delta East = 109594.090	
Datum Shift(m),	Delta Lat. = 7.835 Delta Lon. = -3.184	
GPS86-15	59666.18230 N 353755.48970 E	59657.26379 N 463349.52319 E
Elevation	134.41780	134.550
Convergence	-01 02 10.29294	-01 02 10.37944
Scale Factor	0.999991600	0.999991611
Combined Factor	0.999970506	0.999970517
Grid Shift(m),	Delta North = -8.919 Delta East = 109594.033	
Datum Shift(m),	Delta Lat. = 7.895 Delta Lon. = -3.217	
GPS86-16	57041.35800 N 352184.67970 E	57032.43266 N 461778.67519 E
Elevation	128.72250	128.852
Convergence	-01 02 49.12779	-01 02 49.21422
Scale Factor	0.999994878	0.999994890
Combined Factor	0.999974678	0.999974689
Grid Shift(m),	Delta North = -8.925 Delta East = 109593.995	
Datum Shift(m),	Delta Lat. = 7.966 Delta Lon. = -3.218	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-18	62474.65100 N 361652.50880 E	62465.85698 N 471246.61795 E
Elevation	153.10220	153.231
Convergence	-00 58 50.12816	-00 58 50.21802
Scale Factor	0.999988160	0.999988171
Combined Factor	0.999964134	0.999964145
Grid Shift(m),	Delta North = -8.794 Delta East = 109594.109	
Datum Shift(m),	Delta Lat. = 7.692 Delta Lon. = -3.330	
GPS86-2	93762.32840 N 378419.47680 E	93752.92422 N 488014.01912 E
Elevation	132.18680	132.343
Convergence	-00 51 54.41840	-00 51 54.50811
Scale Factor	0.999964673	0.999964678
Combined Factor	0.999943929	0.999943935
Grid Shift(m),	Delta North = -9.404 Delta East = 109594.542	
Datum Shift(m),	Delta Lat. = 7.580 Delta Lon. = -3.350	
GPS86-20	65376.20730 N 379497.39720 E	65367.74216 N 489091.56111 E
Elevation	189.36130	189.510
Convergence	-00 51 15.96757	-00 51 16.06798
Scale Factor	0.999984680	0.999984689
Combined Factor	0.999954964	0.999954974
Grid Shift(m),	Delta North = -8.465 Delta East = 109594.164	
Datum Shift(m),	Delta Lat. = 7.290 Delta Lon. = -3.736	
GPS86-22	66930.57370 N 391147.66840 E	66922.27505 N 500741.90082 E
Elevation	208.89580	209.049
Convergence	-00 46 19.15347	-00 46 19.25990
Scale Factor	0.999982905	0.999982914
Combined Factor	0.999950124	0.999950133
Grid Shift(m),	Delta North = -8.299 Delta East = 109594.232	
Datum Shift(m),	Delta Lat. = 7.090 Delta Lon. = -3.990	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-24	72398.49400 N 397093.99420 E	72389.73542 N 506688.51961 E
Elevation	198.88660	199.039
Convergence	-00 43 49.13164	-00 43 49.23440
Scale Factor	0.999977676	0.999977684
Combined Factor	0.999946466	0.999946474
Grid Shift(m),	Delta North = -8.759 Delta East = 109594.525	
Datum Shift(m),	Delta Lat. = 7.412 Delta Lon. = -3.869	
GPS86-27	85675.18820 N 398600.01310 E	85665.70541 N 508194.83757 E
Elevation	218.01120	218.166
Convergence	-00 43 14.92581	-00 43 15.02173
Scale Factor	0.999968209	0.999968216
Combined Factor	0.999933999	0.999934005
Grid Shift(m),	Delta North = -9.483 Delta East = 109594.824	
Datum Shift(m),	Delta Lat. = 7.828 Delta Lon. = -3.638	
GPS86-29	93634.03140 N 385458.18490 E	93624.62397 N 495052.83203 E
Elevation	210.69130	210.848
Convergence	-00 48 54.09250	-00 48 54.18423
Scale Factor	0.999964682	0.999964687
Combined Factor	0.999931620	0.999931625
Grid Shift(m),	Delta North = -9.407 Delta East = 109594.647	
Datum Shift(m),	Delta Lat. = 7.587 Delta Lon. = -3.451	
GPS86-3	92239.02540 N 378132.83610 E	92229.60550 N 487727.36704 E
Elevation	136.64060	136.796
Convergence	-00 52 01.16948	-00 52 01.25928
Scale Factor	0.999965247	0.999965253
Combined Factor	0.999943805	0.999943810
Grid Shift(m),	Delta North = -9.420 Delta East = 109594.531	
Datum Shift(m),	Delta Lat. = 7.631 Delta Lon. = -3.354	

Original Horizontal Coordinates:
kyhp gn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-32	80391.89460 N 392560.55420 E	80382.64780 N 502155.21980 E
Elevation	178.16000	178.313
Convergence	-00 45 47.66278	-00 45 47.75881
Scale Factor	0.999971505	0.999971513
Combined Factor	0.999943547	0.999943555
Grid Shift(m),	Delta North =	-9.247
	Delta East =	109594.666
Datum Shift(m),	Delta Lat. =	7.725
	Delta Lon. =	-3.645
GPS86-33	77637.94360 N 389729.33910 E	77628.89421 N 499323.87969 E
Elevation	221.48820	221.642
Convergence	-00 46 59.09701	-00 46 59.19441
Scale Factor	0.999973500	0.999973508
Combined Factor	0.999938744	0.999938752
Grid Shift(m),	Delta North =	-9.049
	Delta East =	109594.541
Datum Shift(m),	Delta Lat. =	7.595
	Delta Lon. =	-3.686
GPS86-34	74731.66890 N 389276.79580 E	74722.81652 N 498871.24247 E
Elevation	211.14580	211.300
Convergence	-00 47 09.64573	-00 47 09.74528
Scale Factor	0.999975786	0.999975794
Combined Factor	0.999942652	0.999942660
Grid Shift(m),	Delta North =	-8.852
	Delta East =	109594.447
Datum Shift(m),	Delta Lat. =	7.465
	Delta Lon. =	-3.755
GPS86-35	71966.05280 N 389691.29890 E	71957.39927 N 499285.66496 E
Elevation	171.47020	171.625
Convergence	-00 46 58.08842	-00 46 58.19037
Scale Factor	0.999978143	0.999978152
Combined Factor	0.999951235	0.999951244
Grid Shift(m),	Delta North =	-8.654
	Delta East =	109594.366
Datum Shift(m),	Delta Lat. =	7.330
	Delta Lon. =	-3.837

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-36	68842.03000 N 384171.47270 E	68833.47494 N 493765.72118 E
Elevation	203.54420	203.696
Convergence	-00 49 17.94170	-00 49 18.04302
Scale Factor	0.999981111	0.999981120
Combined Factor	0.999949170	0.999949179
Grid Shift(m),	Delta North = -8.555 Delta East = 109594.248	
Datum Shift(m),	Delta Lat. = 7.302 Delta Lon. = -3.788	
GPS86-37	71616.17370 N 382797.01170 E	71607.42141 N 492391.31886 E
Elevation	201.64920	201.798
Convergence	-00 49 54.06502	-00 49 54.16387
Scale Factor	0.999978542	0.999978551
Combined Factor	0.999946899	0.999946908
Grid Shift(m),	Delta North = -8.752 Delta East = 109594.307	
Datum Shift(m),	Delta Lat. = 7.435 Delta Lon. = -3.698	
GPS86-38	74935.04380 N 384324.23490 E	74926.11252 N 493918.63437 E
Elevation	225.24140	225.392
Convergence	-00 49 16.27106	-00 49 16.36850
Scale Factor	0.999975676	0.999975684
Combined Factor	0.999940330	0.999940339
Grid Shift(m),	Delta North = -8.931 Delta East = 109594.399	
Datum Shift(m),	Delta Lat. = 7.538 Delta Lon. = -3.658	
GPS86-4	90044.08830 N 376469.47740 E	90034.64534 N 486063.96940 E
Elevation	137.34680	137.501
Convergence	-00 52 42.90159	-00 52 42.99126
Scale Factor	0.999966184	0.999966190
Combined Factor	0.999944630	0.999944637
Grid Shift(m),	Delta North = -9.443 Delta East = 109594.492	
Datum Shift(m),	Delta Lat. = 7.704 Delta Lon. = -3.344	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-40	83825.49510 N	83816.01337 N
	383579.45050 E	493174.05129 E
Elevation	194.02900	194.181
Convergence	-00 49 38.58333	-00 49 38.67495
Scale Factor	0.999969388	0.999969395
Combined Factor	0.999938940	0.999938947
Grid Shift(m),	Delta North = -9.482	
	Delta East = 109594.601	
Datum Shift(m),	Delta Lat. = 7.885	
	Delta Lon. = -3.458	
GPS86-41	83387.68790 N	83378.23733 N
	388598.57370 E	498193.26647 E
Elevation	224.67750	224.829
Convergence	-00 47 30.03259	-00 47 30.12521
Scale Factor	0.999969609	0.999969617
Combined Factor	0.999934352	0.999934360
Grid Shift(m),	Delta North = -9.451	
	Delta East = 109594.693	
Datum Shift(m),	Delta Lat. = 7.864	
	Delta Lon. = -3.520	
GPS86-42	80735.21730 N	80725.86720 N
	372488.07930 E	482082.41792 E
Elevation	155.29880	155.450
Convergence	-00 54 21.05745	-00 54 21.14842
Scale Factor	0.999971470	0.999971478
Combined Factor	0.999947100	0.999947108
Grid Shift(m),	Delta North = -9.350	
	Delta East = 109594.339	
Datum Shift(m),	Delta Lat. = 7.823	
	Delta Lon. = -3.374	
GPS86-43	84759.79140 N	84750.29871 N
	367848.69670 E	477442.99911 E
Elevation	140.17490	140.323
Convergence	-00 56 21.37377	-00 56 21.46251
Scale Factor	0.999968979	0.999968986
Combined Factor	0.999946982	0.999946989
Grid Shift(m),	Delta North = -9.493	
	Delta East = 109594.302	
Datum Shift(m),	Delta Lat. = 7.875	
	Delta Lon. = -3.274	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
GPS86-5	87391.66070 N 373182.80230 E	87382.18794 N 482777.21725 E
Elevation	131.68290	131.835
Convergence	-00 54 05.97194	-00 54 06.06137
Scale Factor	0.999967488	0.999967494
Combined Factor	0.999946823	0.999946830
Grid Shift(m),	Delta North = -9.473 Delta East = 109594.415	
Datum Shift(m),	Delta Lat. = 7.794 Delta Lon. = -3.322	
GPS86-7	88584.19170 N 364368.47770 E	88574.79456 N 473962.82424 E
Elevation	141.41290	141.560
Convergence	-00 57 52.05307	-00 57 52.13839
Scale Factor	0.999966960	0.999966967
Combined Factor	0.999944769	0.999944776
Grid Shift(m),	Delta North = -9.397 Delta East = 109594.347	
Datum Shift(m),	Delta Lat. = 7.694 Delta Lon. = -3.153	
GPS86-8	87513.32410 N 361579.09130 E	87503.95587 N 471173.42524 E
Elevation	133.26730	133.410
Convergence	-00 59 02.97428	-00 59 03.05808
Scale Factor	0.999967523	0.999967530
Combined Factor	0.999946610	0.999946617
Grid Shift(m),	Delta North = -9.368 Delta East = 109594.334	
Datum Shift(m),	Delta Lat. = 7.692 Delta Lon. = -3.098	
H 323 ECC	78678.61050 N 356540.09950 E	78669.39356 N 466134.33256 E
Elevation	131.43600	131.573
Convergence	-01 01 07.90312	-01 01 07.98621
Scale Factor	0.999973115	0.999973123
Combined Factor	0.999952490	0.999952498
Grid Shift(m),	Delta North = -9.217 Delta East = 109594.233	
Datum Shift(m),	Delta Lat. = 7.748 Delta Lon. = -3.078	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
I64-L-21	80065.05600 N	80055.79575 N
	399827.76700 E	509422.52175 E
Elevation	228.31700	228.467
Convergence	-00 42 41.72665	-00 42 41.82523
Scale Factor	0.999971664	0.999971672
Combined Factor	0.999935836	0.999935844
Grid Shift(m),	Delta North = -9.260	
	Delta East = 109594.755	
Datum Shift(m),	Delta Lat. = 7.731	
	Delta Lon. = -3.730	
I71-T4-AZ	87310.06090 N	87300.58727 N
	373223.41810 E	482817.83320 E
Elevation	132.00340	132.155
Convergence	-00 54 04.89966	-00 54 04.98912
Scale Factor	0.999967529	0.999967536
Combined Factor	0.999946815	0.999946821
Grid Shift(m),	Delta North = -9.474	
	Delta East = 109594.415	
Datum Shift(m),	Delta Lat. = 7.797	
	Delta Lon. = -3.323	
J 334 ECC	56766.71880 N	56757.76657 N
	351062.83120 E	460656.81644 E
Elevation	134.63700	134.766
Convergence	-01 03 17.59833	-01 03 17.68427
Scale Factor	0.999995254	0.999995265
Combined Factor	0.999974125	0.999974137
Grid Shift(m),	Delta North = -8.952	
	Delta East = 109593.985	
Datum Shift(m),	Delta Lat. = 8.001	
	Delta Lon. = -3.201	
KY 05	78221.30000 N	78212.03749 N
	369684.06000 E	479278.33166 E
Elevation	149.14840	149.301
Convergence	-00 55 31.71819	-00 55 31.80903
Scale Factor	0.999973288	0.999973296
Combined Factor	0.999949883	0.999949891
Grid Shift(m),	Delta North = -9.263	
	Delta East = 109594.272	
Datum Shift(m),	Delta Lat. = 7.792	
	Delta Lon. = -3.357	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
LOUSVILLE-SOUTH-BASE	73453.72700 N	73444.62293 N
	361270.45800 E	470864.65739 E
Elevation	143.31660	143.459
Convergence	-00 59 04.68869	-00 59 04.77585
Scale Factor	0.999977225	0.999977234
Combined Factor	0.999954735	0.999954744
Grid Shift(m),	Delta North = -9.104	
	Delta East = 109594.199	
Datum Shift(m),	Delta Lat. = 7.750	
	Delta Lon. = -3.226	
MF 1	82460.10710 N	82450.75869 N
	361535.57830 E	471129.85448 E
Elevation	133.38770	133.530
Convergence	-00 59 01.86706	-00 59 01.95232
Scale Factor	0.999970451	0.999970458
Combined Factor	0.999949519	0.999949526
Grid Shift(m),	Delta North = -9.348	
	Delta East = 109594.276	
Datum Shift(m),	Delta Lat. = 7.788	
	Delta Lon. = -3.152	
MF 2	82169.01710 N	82159.67763 N
	361441.18900 E	471035.46258 E
Elevation	132.09250	132.235
Convergence	-00 59 04.15310	-00 59 04.23837
Scale Factor	0.999970640	0.999970647
Combined Factor	0.999949911	0.999949918
Grid Shift(m),	Delta North = -9.339	
	Delta East = 109594.274	
Datum Shift(m),	Delta Lat. = 7.786	
	Delta Lon. = -3.152	
RILEY-3	66623.58950 N	66614.88351 N
	372762.28400 E	482356.46504 E
Elevation	165.35950	165.506
Convergence	-00 54 08.36282	-00 54 08.45824
Scale Factor	0.999983491	0.999983501
Combined Factor	0.999957542	0.999957551
Grid Shift(m),	Delta North = -8.706	
	Delta East = 109594.181	
Datum Shift(m),	Delta Lat. = 7.500	
	Delta Lon. = -3.537	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
RILEY-3-AZ	68978.00810 N 372672.23720 E	68969.19201 N 482266.44551 E
Elevation	154.84140	154.990
Convergence	-00 54 11.60880	-00 54 11.70342
Scale Factor	0.999981147	0.999981156
Combined Factor	0.999956849	0.999956858
Grid Shift(m),	Delta North = -8.816 Delta East = 109594.208	
Datum Shift(m),	Delta Lat. = 7.556 Delta Lon. = -3.507	
SDF A	76368.02800 N 370090.23900 E	76358.84599 N 479684.50091 E
Elevation	145.95910	146.112
Convergence	-00 55 20.57271	-00 55 20.66411
Scale Factor	0.999974700	0.999974709
Combined Factor	0.999951796	0.999951804
Grid Shift(m),	Delta North = -9.182 Delta East = 109594.262	
Datum Shift(m),	Delta Lat. = 7.754 Delta Lon. = -3.380	
SIMS	87047.86640 N 365779.76210 E	87038.43093 N 475374.08968 E
Elevation	141.59030	141.737
Convergence	-00 57 15.27714	-00 57 15.36388
Scale Factor	0.999967729	0.999967736
Combined Factor	0.999945510	0.999945517
Grid Shift(m),	Delta North = -9.435 Delta East = 109594.328	
Datum Shift(m),	Delta Lat. = 7.767 Delta Lon. = -3.203	
SPEER	87204.99640 N 365547.29820 E	87195.56617 N 475141.62765 E
Elevation	141.55140	141.698
Convergence	-00 57 21.29289	-00 57 21.37942
Scale Factor	0.999967649	0.999967655
Combined Factor	0.999945436	0.999945443
Grid Shift(m),	Delta North = -9.430 Delta East = 109594.329	
Datum Shift(m),	Delta Lat. = 7.758 Delta Lon. = -3.196	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA001-2001	66897.79640 N 363361.49540 E	66888.90011 N 472955.64973 E
Elevation	151.91300	152.049
Convergence	-00 58 08.43796	-00 58 08.52775
Scale Factor	0.999983368	0.999983377
Combined Factor	0.999959528	0.999959538
Grid Shift(m),	Delta North = -8.896 Delta East = 109594.154	
Datum Shift(m),	Delta Lat. = 7.690 Delta Lon. = -3.323	
STA002-2001	68742.70370 N 360998.87640 E	68733.72525 N 470593.03479 E
Elevation	145.56440	145.704
Convergence	-00 59 09.55528	-00 59 09.64336
Scale Factor	0.999981563	0.999981573
Combined Factor	0.999958720	0.999958730
Grid Shift(m),	Delta North = -8.978 Delta East = 109594.158	
Datum Shift(m),	Delta Lat. = 7.733 Delta Lon. = -3.262	
STA003-2001	68795.27600 N 363594.75160 E	68786.32329 N 473188.92205 E
Elevation	146.40660	146.544
Convergence	-00 58 03.30198	-00 58 03.39149
Scale Factor	0.999981469	0.999981478
Combined Factor	0.999958494	0.999958503
Grid Shift(m),	Delta North = -8.953 Delta East = 109594.170	
Datum Shift(m),	Delta Lat. = 7.702 Delta Lon. = -3.312	
STA004-2001	73129.67300 N 362385.01610 E	73120.58133 N 471979.21664 E
Elevation	144.22080	144.362
Convergence	-00 58 36.07494	-00 58 36.16282
Scale Factor	0.999977489	0.999977498
Combined Factor	0.999954857	0.999954866
Grid Shift(m),	Delta North = -9.092 Delta East = 109594.201	
Datum Shift(m),	Delta Lat. = 7.744 Delta Lon. = -3.251	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA005-2001	76267.61370 N 356323.05540 E	76258.44267 N 465917.26478 E
Elevation	135.86250	136.000
Convergence	-01 01 12.35383	-01 01 12.43741
Scale Factor	0.999974964	0.999974973
Combined Factor	0.999953644	0.999953653
Grid Shift(m),	Delta North = -9.171 Delta East = 109594.209	
Datum Shift(m),	Delta Lat. = 7.758 Delta Lon. = -3.098	
STA006-2001	76029.33120 N 365741.10980 E	76020.15001 N 475335.34356 E
Elevation	145.70660	145.852
Convergence	-00 57 11.57491	-00 57 11.66413
Scale Factor	0.999975025	0.999975033
Combined Factor	0.999952160	0.999952168
Grid Shift(m),	Delta North = -9.181 Delta East = 109594.234	
Datum Shift(m),	Delta Lat. = 7.763 Delta Lon. = -3.296	
STA008-2001	83130.22320 N 379096.69130 E	83120.77707 N 488691.18646 E
Elevation	156.37360	156.526
Convergence	-00 51 32.98973	-00 51 33.08107
Scale Factor	0.999969851	0.999969858
Combined Factor	0.999945312	0.999945320
Grid Shift(m),	Delta North = -9.446 Delta East = 109594.495	
Datum Shift(m),	Delta Lat. = 7.865 Delta Lon. = -3.423	
STA009-2001	74046.48220 N 377155.41270 E	74037.50168 N 486749.72149 E
Elevation	155.01030	155.162
Convergence	-00 52 19.10824	-00 52 19.20321
Scale Factor	0.999976501	0.999976509
Combined Factor	0.999952176	0.999952184
Grid Shift(m),	Delta North = -8.981 Delta East = 109594.309	
Datum Shift(m),	Delta Lat. = 7.606 Delta Lon. = -3.538	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA010-2001	69617.93360 N 375061.24150 E	69609.13898 N 484655.46769 E
Elevation	163.92420	164.073
Convergence	-00 53 10.86266	-00 53 10.95842
Scale Factor	0.999980498	0.999980507
Combined Factor	0.999954774	0.999954783
Grid Shift(m),	Delta North = -8.795 Delta East = 109594.226	
Datum Shift(m),	Delta Lat. = 7.521 Delta Lon. = -3.557	
STA011-2001	69429.42420 N 380285.67920 E	69420.75032 N 489879.92506 E
Elevation	209.43160	209.580
Convergence	-00 50 57.38220	-00 50 57.48097
Scale Factor	0.999980602	0.999980611
Combined Factor	0.999947737	0.999947746
Grid Shift(m),	Delta North = -8.674 Delta East = 109594.246	
Datum Shift(m),	Delta Lat. = 7.406 Delta Lon. = -3.684	
STA012-2001	66436.13620 N 377045.95190 E	66427.54919 N 486640.13420 E
Elevation	181.73750	181.885
Convergence	-00 52 18.94568	-00 52 19.04395
Scale Factor	0.999983615	0.999983625
Combined Factor	0.999955096	0.999955106
Grid Shift(m),	Delta North = -8.587 Delta East = 109594.182	
Datum Shift(m),	Delta Lat. = 7.387 Delta Lon. = -3.653	
STA013-2001	66177.48740 N 381662.96890 E	66169.03370 N 491257.14982 E
Elevation	205.47680	205.626
Convergence	-00 50 20.99638	-00 50 21.09779
Scale Factor	0.999983811	0.999983820
Combined Factor	0.999951566	0.999951576
Grid Shift(m),	Delta North = -8.454 Delta East = 109594.181	
Datum Shift(m),	Delta Lat. = 7.261 Delta Lon. = -3.780	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA014-2001	66377.34190 N 388531.64250 E	66369.05126 N 498125.83462 E
Elevation	209.71770	209.871
Convergence	-00 47 25.74106	-00 47 25.84679
Scale Factor	0.999983505	0.999983514
Combined Factor	0.999950595	0.999950604
Grid Shift(m),	Delta North = -8.291	
	Delta East = 109594.192	
Datum Shift(m),	Delta Lat. = 7.096	
	Delta Lon. = -3.957	
STA015-2001	69127.19830 N 387426.53810 E	69118.69537 N 497020.80708 E
Elevation	201.89420	202.049
Convergence	-00 47 54.92871	-00 47 55.03168
Scale Factor	0.999980793	0.999980801
Combined Factor	0.999949110	0.999949119
Grid Shift(m),	Delta North = -8.503	
	Delta East = 109594.269	
Datum Shift(m),	Delta Lat. = 7.244	
	Delta Lon. = -3.860	
STA016-2001	72186.39750 N 385080.85910 E	72177.65008 N 494675.19664 E
Elevation	223.27770	223.429
Convergence	-00 48 55.93719	-00 48 56.03678
Scale Factor	0.999978005	0.999978013
Combined Factor	0.999942967	0.999942976
Grid Shift(m),	Delta North = -8.747	
	Delta East = 109594.338	
Datum Shift(m),	Delta Lat. = 7.417	
	Delta Lon. = -3.734	
STA017-2001	73586.20410 N 392781.58070 E	73577.42073 N 502376.05012 E
Elevation	172.20850	172.363
Convergence	-00 45 39.69924	-00 45 39.80056
Scale Factor	0.999976701	0.999976710
Combined Factor	0.999949678	0.999949686
Grid Shift(m),	Delta North = -8.783	
	Delta East = 109594.469	
Datum Shift(m),	Delta Lat. = 7.418	
	Delta Lon. = -3.820	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA018-2001	77293.23280 N 385720.34930 E	77284.16874 N 495314.82532 E
Elevation	195.49090	195.642
Convergence	-00 48 41.44956	-00 48 41.54593
Scale Factor	0.999973802	0.999973810
Combined Factor	0.999943125	0.999943133
Grid Shift(m),	Delta North = -9.064 Delta East = 109594.476	
Datum Shift(m),	Delta Lat. = 7.617 Delta Lon. = -3.630	
STA019-2001	77699.17640 N 382138.39990 E	77690.05341 N 491732.83692 E
Elevation	200.06730	200.217
Convergence	-00 50 13.15742	-00 50 13.25238
Scale Factor	0.999973535	0.999973543
Combined Factor	0.999942140	0.999942148
Grid Shift(m),	Delta North = -9.123 Delta East = 109594.437	
Datum Shift(m),	Delta Lat. = 7.666 Delta Lon. = -3.563	
STA020-2001	79575.24270 N 384908.63580 E	79566.02746 N 494503.15820 E
Elevation	204.80120	204.952
Convergence	-00 49 03.02975	-00 49 03.12434
Scale Factor	0.999972143	0.999972151
Combined Factor	0.999940005	0.999940013
Grid Shift(m),	Delta North = -9.215 Delta East = 109594.522	
Datum Shift(m),	Delta Lat. = 7.716 Delta Lon. = -3.565	
STA021-2001	86394.76450 N 384266.25230 E	86385.28868 N 493860.87540 E
Elevation	200.63230	200.785
Convergence	-00 49 21.95802	-00 49 22.04953
Scale Factor	0.999967924	0.999967931
Combined Factor	0.999936440	0.999936447
Grid Shift(m),	Delta North = -9.476 Delta East = 109594.623	
Datum Shift(m),	Delta Lat. = 7.820 Delta Lon. = -3.453	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA022-2001	88156.43670 N	88146.97835 N
	386164.61900 E	495759.27818 E
Elevation	217.37490	217.528
Convergence	-00 48 34.01681	-00 48 34.10868
Scale Factor	0.999967005	0.999967011
Combined Factor	0.999932894	0.999932900
Grid Shift(m),	Delta North = -9.458	
	Delta East = 109594.659	
Datum Shift(m),	Delta Lat. = 7.762	
	Delta Lon. = -3.471	
STA023-2001	89680.13380 N	89670.68861 N
	382560.19170 E	492154.78794 E
Elevation	193.10020	193.255
Convergence	-00 50 06.84048	-00 50 06.93156
Scale Factor	0.999966307	0.999966313
Combined Factor	0.999936005	0.999936011
Grid Shift(m),	Delta North = -9.445	
	Delta East = 109594.596	
Datum Shift(m),	Delta Lat. = 7.714	
	Delta Lon. = -3.423	
STA024-2001	92165.38330 N	92155.96248 N
	380426.23510 E	490020.80220 E
Elevation	184.07220	184.228
Convergence	-00 51 02.41340	-00 51 02.50380
Scale Factor	0.999965262	0.999965268
Combined Factor	0.999936377	0.999936383
Grid Shift(m),	Delta North = -9.421	
	Delta East = 109594.567	
Datum Shift(m),	Delta Lat. = 7.633	
	Delta Lon. = -3.386	
STA025-2001	92815.68090 N	92806.26598 N
	384257.43320 E	493852.06166 E
Elevation	201.00040	201.157
Convergence	-00 49 24.54536	-00 49 24.63676
Scale Factor	0.999964989	0.999964995
Combined Factor	0.999933448	0.999933453
Grid Shift(m),	Delta North = -9.415	
	Delta East = 109594.628	
Datum Shift(m),	Delta Lat. = 7.613	
	Delta Lon. = -3.436	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA027-2001	80183.15260 N 396938.47450 E	80173.89883 N 506533.19312 E
Elevation	219.71160	219.863
Convergence	-00 43 55.64582	-00 43 55.74340
Scale Factor	0.999971608	0.999971616
Combined Factor	0.999937131	0.999937138
Grid Shift(m),	Delta North = -9.254 Delta East = 109594.719	
Datum Shift(m),	Delta Lat. = 7.728 Delta Lon. = -3.697	
STA028-2001	77452.33570 N 393075.20220 E	77443.28624 N 502669.78940 E
Elevation	175.27010	175.424
Convergence	-00 45 33.50648	-00 45 33.60491
Scale Factor	0.999973606	0.999973614
Combined Factor	0.999946102	0.999946110
Grid Shift(m),	Delta North = -9.049 Delta East = 109594.587	
Datum Shift(m),	Delta Lat. = 7.594 Delta Lon. = -3.724	
STA029-2001	75243.72820 N 395432.15030 E	75234.80505 N 505026.71664 E
Elevation	199.00280	199.155
Convergence	-00 44 32.52696	-00 44 32.62752
Scale Factor	0.999975303	0.999975311
Combined Factor	0.999944074	0.999944083
Grid Shift(m),	Delta North = -8.923 Delta East = 109594.566	
Datum Shift(m),	Delta Lat. = 7.514 Delta Lon. = -3.796	
STA030-2001	69856.11420 N 395613.77240 E	69847.54062 N 505208.19957 E
Elevation	228.03060	228.184
Convergence	-00 44 26.10591	-00 44 26.21024
Scale Factor	0.999979997	0.999980006
Combined Factor	0.999944214	0.999944223
Grid Shift(m),	Delta North = -8.574 Delta East = 109594.427	
Datum Shift(m),	Delta Lat. = 7.289 Delta Lon. = -3.921	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA031-2001	71185.71240 N 366778.48530 E	71176.70523 N 476372.68706 E
Elevation	137.80320	137.948
Convergence	-00 56 43.02276	-00 56 43.11356
Scale Factor	0.999979158	0.999979167
Combined Factor	0.999957533	0.999957543
Grid Shift(m),	Delta North = -9.007 Delta East = 109594.202	
Datum Shift(m),	Delta Lat. = 7.698 Delta Lon. = -3.355	
STA032-2001	76652.13490 N 391547.98550 E	76643.15304 N 501142.52356 E
Elevation	168.37370	168.528
Convergence	-00 46 12.26980	-00 46 12.36849
Scale Factor	0.999974232	0.999974240
Combined Factor	0.999947810	0.999947818
Grid Shift(m),	Delta North = -8.982 Delta East = 109594.538	
Datum Shift(m),	Delta Lat. = 7.548 Delta Lon. = -3.733	
STA035-2001	76902.38630 N 397278.95760 E	76893.33935 N 506873.59894 E
Elevation	199.57200	199.723
Convergence	-00 43 45.87137	-00 43 45.97121
Scale Factor	0.999973982	0.999973990
Combined Factor	0.999942664	0.999942672
Grid Shift(m),	Delta North = -9.047 Delta East = 109594.641	
Datum Shift(m),	Delta Lat. = 7.596 Delta Lon. = -3.772	
STA036-2001	65147.87580 N 385524.75070 E	65139.58801 N 495118.90739 E
Elevation	157.07490	157.228
Convergence	-00 48 42.05100	-00 48 42.15564
Scale Factor	0.999984828	0.999984837
Combined Factor	0.999960179	0.999960188
Grid Shift(m),	Delta North = -8.288 Delta East = 109594.157	
Datum Shift(m),	Delta Lat. = 7.120 Delta Lon. = -3.907	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA037-2001	85534.06920 N 393622.60120 E	85524.58863 N 503217.37835 E
Elevation	188.87430	189.029
Convergence	-00 45 22.24059	-00 45 22.33440
Scale Factor	0.999968323	0.999968330
Combined Factor	0.999938684	0.999938691
Grid Shift(m),	Delta North = -9.481	
	Delta East = 109594.777	
Datum Shift(m),	Delta Lat. = 7.839	
	Delta Lon. = -3.568	
STA039-2001	82100.66830 N 393432.16720 E	82091.30187 N 503026.89361 E
Elevation	206.93370	207.087
Convergence	-00 45 25.95221	-00 45 26.04722
Scale Factor	0.999970371	0.999970378
Combined Factor	0.999937898	0.999937905
Grid Shift(m),	Delta North = -9.366	
	Delta East = 109594.726	
Datum Shift(m),	Delta Lat. = 7.803	
	Delta Lon. = -3.611	
STA040-2001	85484.14890 N 389207.85580 E	85474.66845 N 498802.57638 E
Elevation	215.54940	215.702
Convergence	-00 47 15.18420	-00 47 15.27651
Scale Factor	0.999968383	0.999968390
Combined Factor	0.999934559	0.999934566
Grid Shift(m),	Delta North = -9.480	
	Delta East = 109594.721	
Datum Shift(m),	Delta Lat. = 7.846	
	Delta Lon. = -3.509	
STA042-2001	73180.05650 N 355324.08230 E	73170.93982 N 464918.25849 E
Elevation	139.67210	139.808
Convergence	-01 01 36.46781	-01 01 36.55160
Scale Factor	0.999977553	0.999977561
Combined Factor	0.999955634	0.999955643
Grid Shift(m),	Delta North = -9.117	
	Delta East = 109594.176	
Datum Shift(m),	Delta Lat. = 7.776	
	Delta Lon. = -3.108	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
STA043-2001	84894.74730 N	84885.34752 N
	361746.82580 E	471341.12494 E
Elevation	139.00740	139.149
Convergence	-00 58 57.53247	-00 58 57.61726
Scale Factor	0.999968960	0.999968967
Combined Factor	0.999947147	0.999947154
Grid Shift(m),	Delta North = -9.400	
	Delta East = 109594.299	
Datum Shift(m),	Delta Lat. = 7.784	
	Delta Lon. = -3.133	
STA044-2001	63575.54650 N	63566.64976 N
	357956.28240 E	467550.37963 E
Elevation	136.74310	136.877
Convergence	-01 00 24.91697	-01 00 25.00463
Scale Factor	0.999987001	0.999987011
Combined Factor	0.999965542	0.999965552
Grid Shift(m),	Delta North = -8.897	
	Delta East = 109594.097	
Datum Shift(m),	Delta Lat. = 7.775	
	Delta Lon. = -3.253	
STA045-2001	81206.05530 N	81196.76848 N
	358797.02250 E	468391.28356 E
Elevation	131.11820	131.258
Convergence	-01 00 11.34252	-01 00 11.42637
Scale Factor	0.999971306	0.999971314
Combined Factor	0.999950730	0.999950738
Grid Shift(m),	Delta North = -9.287	
	Delta East = 109594.261	
Datum Shift(m),	Delta Lat. = 7.758	
	Delta Lon. = -3.103	
STA046-2001	70543.56950 N	70534.49277 N
	354617.14750 E	464211.29487 E
Elevation	131.15060	131.285
Convergence	-01 01 53.31352	-01 01 53.39760
Scale Factor	0.999979947	0.999979957
Combined Factor	0.999959366	0.999959376
Grid Shift(m),	Delta North = -9.077	
	Delta East = 109594.147	
Datum Shift(m),	Delta Lat. = 7.798	
	Delta Lon. = -3.121	

 Original Horizontal Coordinates:
 kyhp gn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
TV-1	80854.79600 N 379123.47590 E	80845.47330 N 488717.92983 E
Elevation	164.88670	165.039
Convergence	-00 51 31.43224	-00 51 31.52469
Scale Factor	0.999971320	0.999971328
Combined Factor	0.999945446	0.999945453
Grid Shift(m),	Delta North = -9.323 Delta East = 109594.454	
Datum Shift(m),	Delta Lat. = 7.793 Delta Lon. = -3.461	
WC 1	66331.16120 N 355510.19900 E	66322.16683 N 465104.30899 E
Elevation	135.82340	135.961
Convergence	-01 01 28.58458	-01 01 28.67026
Scale Factor	0.999984092	0.999984102
Combined Factor	0.999962778	0.999962788
Grid Shift(m),	Delta North = -8.994 Delta East = 109594.110	
Datum Shift(m),	Delta Lat. = 7.812 Delta Lon. = -3.181	
WC 2	66152.00760 N 355750.32100 E	66143.02013 N 465344.43049 E
Elevation	135.99530	136.133
Convergence	-01 01 22.37433	-01 01 22.46018
Scale Factor	0.999984274	0.999984284
Combined Factor	0.999962933	0.999962943
Grid Shift(m),	Delta North = -8.987 Delta East = 109594.109	
Datum Shift(m),	Delta Lat. = 7.809 Delta Lon. = -3.187	
X 349	88643.37440 N 374714.37420 E	88633.91596 N 484308.82650 E
Elevation	132.21100	132.364
Convergence	-00 53 27.27481	-00 53 27.36432
Scale Factor	0.999966850	0.999966856
Combined Factor	0.999946103	0.999946109
Grid Shift(m),	Delta North = -9.458 Delta East = 109594.452	
Datum Shift(m),	Delta Lat. = 7.751 Delta Lon. = -3.331	

 Original Horizontal Coordinates:
 kyhpgn, Kentucky North - 1601, Meters
 Translated Horizontal Coordinates:
 NAD 27, Kentucky North - 1601, Meters
 Input Vertical Coordinates: NAVD 88, Meters
 Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
HORRODS	106000.55300 N	105991.21320 N
	395410.32600 E	505005.06411 E
Elevation	243.82840	243.991
Convergence	-00 44 43.31023	-00 44 43.40635
Scale Factor	0.999962131	0.999962134
Combined Factor	0.999923869	0.999923872
Grid Shift(m),	Delta North = -9.340	
	Delta East = 109594.738	
Datum Shift(m),	Delta Lat. = 7.233	
	Delta Lon. = -3.594	
KY 13	44892.96200 N	44885.42730 N
	384287.99800 E	493882.18604 E
Elevation	207.32430	207.465
Convergence	-00 49 06.23113	-00 49 06.33436
Scale Factor	1.000011272	1.000011283
Combined Factor	0.999978737	0.999978748
Grid Shift(m),	Delta North = -7.535	
	Delta East = 109594.188	
Datum Shift(m),	Delta Lat. = 6.834	
	Delta Lon. = -3.842	
LOUISVILLE 2 CORS L1	57164.60500 N	57156.50538 N
	407896.31090 E	517490.84147 E
Elevation	225.95340	226.118
Convergence	-00 39 08.73829	-00 39 08.84817
Scale Factor	0.999993685	0.999993695
Combined Factor	0.999958227	0.999958237
Grid Shift(m),	Delta North = -8.100	
	Delta East = 109594.531	
Datum Shift(m),	Delta Lat. = 7.090	
	Delta Lon. = -4.111	
SDF E	77418.10100 N	77408.87264 N
	369817.18500 E	479411.45210 E
Elevation	149.08170	149.234
Convergence	-00 55 27.98395	-00 55 28.07501
Scale Factor	0.999973891	0.999973899
Combined Factor	0.999950496	0.999950504
Grid Shift(m),	Delta North = -9.228	
	Delta East = 109594.267	
Datum Shift(m),	Delta Lat. = 7.776	
	Delta Lon. = -3.366	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
SNOW RMA	45556.30390 N	45547.81759 N
	345917.90550 E	455511.82471 E
Elevation	272.98280	273.102
Convergence	-01 05 23.31613	-01 05 23.40061
Scale Factor	1.000011235	1.000011247
Combined Factor	0.999968396	0.999968409
Grid Shift(m),	Delta North = -8.486	
	Delta East = 109593.919	
Datum Shift(m),	Delta Lat. = 7.802	
	Delta Lon. = -3.152	
AZI86-2-2001	93825.64452 N	93816.24101 N
	378391.86291 E	487986.40510 E
Elevation	131.49098	131.647
Convergence	-00 51 55.15015	-00 51 55.23984
Scale Factor	0.999964650	0.999964656
Combined Factor	0.999944016	0.999944022
Grid Shift(m),	Delta North = -9.404	
	Delta East = 109594.542	
Datum Shift(m),	Delta Lat. = 7.578	
	Delta Lon. = -3.350	
GPS86-28	87751.35676 N	87741.89257 N
	393635.57316 E	503230.34417 E
Elevation	202.22911	202.385
Convergence	-00 45 22.65760	-00 45 22.75159
Scale Factor	0.999967155	0.999967161
Combined Factor	0.999935420	0.999935427
Grid Shift(m),	Delta North = -9.464	
	Delta East = 109594.771	
Datum Shift(m),	Delta Lat. = 7.772	
	Delta Lon. = -3.568	
BT23-02	70994.11064 N	70985.18879 N
	371960.57500 E	481554.80236 E
Elevation	140.15037	140.301
Convergence	-00 54 30.59601	-00 54 30.68963
Scale Factor	0.999979257	0.999979266
Combined Factor	0.999957264	0.999957273
Grid Shift(m),	Delta North = -8.922	
	Delta East = 109594.227	
Datum Shift(m),	Delta Lat. = 7.616	
	Delta Lon. = -3.469	

Original Horizontal Coordinates:
kyhpgn, Kentucky North - 1601, Meters
Translated Horizontal Coordinates:
NAD 27, Kentucky North - 1601, Meters
Input Vertical Coordinates: NAVD 88, Meters
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
AZI86-43-2001	84944.48806 N	84934.99388 N
	368091.16434 E	477685.46894 E
Elevation	0.00000	0.148
Convergence	-00 56 15.24815	-00 56 15.33700
Scale Factor	0.999968870	0.999968877
Combined Factor	0.999968870	0.999968877
Grid Shift(m),	Delta North =	-9.494
	Delta East =	109594.305
Datum Shift(m),	Delta Lat. =	7.872
	Delta Lon. =	-3.278