

Fremont County
Iowa

**National Adjustment 2011
(NA2011)**

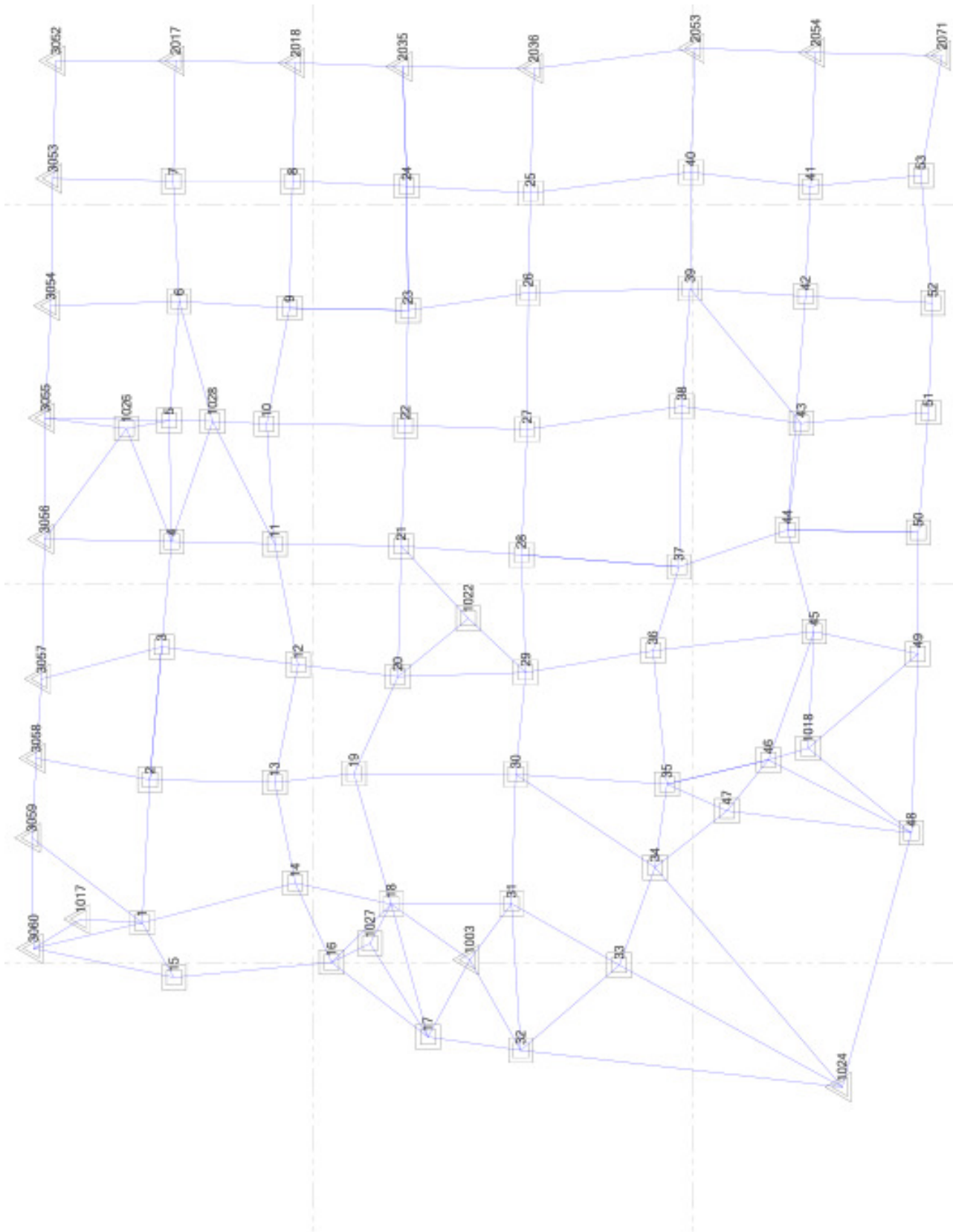
Monument
Records

2015

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NA2011 Adjustment, Network Vectors - Fremont County, IA

20000 ft

2015 Fremont County, Iowa
Iowa Regional Coordinate System Zone 6 NAD83(2011) - US Survey Feet

Name: Fremont County, IA	Name: Fremont County, IA
Coordinate System: US State Plane 1983	Coordinate System: Iowa Regional Coordinate System
Datum: NAD 83(NA2011)	Datum: NAD 83(NA2011)
Zone: Iowa South 1402	Zone: IARCS Zone 6 Council Bluffs TM
Geoid: GEOID12A (Conus)	Geoid: GEOID12A (Conus)
Vertical Datum: NAVD88	Vertical Datum: NAVD88
Adjustment by: Gary G Brown 12/18/2014	Adjustment by: Gary G Brown 12/18/2014
	US sft

Point ID	Northing	Easting	Elev.	Latitude	Longitude	Height	Projection	Height	Combined	Meridian	Point ID	Northing	Easting	Elev.	Latitude	Longitude	Height	Projection	Height	Combined	Meridian
	sft	sft	sft	(Global)	(Global)	(Global)	Scale Factor	Scale Factor	Scale Factor	Convergence Angle		sft	sft	sft	(Global)	(Global)	(Global)	Scale Factor	Scale Factor	Scale Factor	Convergence Angle
1	322744.586	1005329.324	938.906	N40°51'46.24336"	W95°47'46.87563"	845.566	0.999965677	0.999959651	0.999925329	-1°30'45"	1	6823287.588	16482567.398	938.906	N40°51'46.24336"	W95°47'46.87563"	845.566	1.000039347	0.999959651	0.999998997	-0°02'28"
2	321710.996	1024244.116	1161.721	N40°51'40.89379"	W95°43'40.42825"	1067.322	0.999965829	0.999949070	0.999914901	-1°28'03"	2	6822739.934	16501503.882	1161.721	N40°51'40.89379"	W95°43'40.42825"	1067.322	1.000039003	0.999949070	0.999988071	0°00'13"
3	320182.754	1041791.471	1169.920	N40°51'30.17494"	W95°39'51.62337"	1074.501	0.999966136	0.999948728	0.999914866	-1°25'32"	3	6821662.554	16519085.970	1169.920	N40°51'30.17494"	W95°39'51.62337"	1074.501	1.000039416	0.999948728	0.999988142	0°02'42"
4	318852.781	1055711.448	1099.910	N40°51'20.41943"	W95°36'50.09444"	1003.666	0.999966418	0.999952108	0.999918527	-1°23'33"	4	6820690.207	16533036.521	1099.910	N40°51'20.41943"	W95°36'50.09444"	1003.666	1.000040247	0.999952108	0.999992353	0°04'41"
5	319164.219	1071710.996	997.251	N40°51'27.28517"	W95°33'22.03050"	900.253	0.999966220	0.999957042	0.999923263	-1°21'16"	5	6821412.161	16549024.002	997.251	N40°51'27.28517"	W95°33'22.03050"	900.253	1.000041747	0.999957042	0.999998781	0°06'57"
6	317865.815	1087465.103	1089.742	N40°51'18.08723"	W95°29'56.66667"	992.033	0.999966486	0.999952663	0.999919150	-1°19'00"	6	6820518.310	16564807.441	1089.742	N40°51'18.08723"	W95°29'56.66667"	992.033	1.000043800	0.999952663	0.999996461	0°09'12"
7	318626.160	1103378.930	1105.940	N40°51'29.16012"	W95°26'29.83881"	1007.657	0.999966166	0.999951917	0.999918084	-1°16'44"	7	6821686.716	16580697.778	1105.940	N40°51'29.16012"	W95°26'29.83881"	1007.657	1.000046443	0.999951917	0.999998358	0°11'27"
8	302888.500	1103374.122	999.065	N40°48'53.69051"	W95°26'25.33279"	900.105	0.999970927	0.999957049	0.999927977	-1°16'41"	8	6805952.884	16581096.647	999.065	N40°48'53.69051"	W95°26'25.33279"	900.105	1.000046517	0.999957049	1.000003564	0°11'29"
9	303279.922	1086587.937	1088.791	N40°48'53.79963"	W95°30'03.71259"	990.431	0.999970924	0.999952739	0.999923664	-1°19'05"	9	6805913.618	16564304.699	1088.791	N40°48'53.79963"	W95°30'03.71259"	990.431	1.000043726	0.999952739	0.999996463	0°09'07"
10	306309.592	1071294.813	1054.841	N40°49'20.20409"	W95°33'23.49038"	957.188	0.999970075	0.999954325	0.999924402	-1°21'17"	10	6808550.440	16548937.774	1054.841	N40°49'20.20409"	W95°33'23.49038"	957.188	1.000041737	0.999954325	0.999996061	0°06'56"
11	305225.619	1055441.802	1004.930	N40°49'05.74148"	W95°36'49.29352"	907.922	0.999970538	0.999956676	0.999927215	-1°23'32"	11	6807059.635	16533116.680	1004.930	N40°49'05.74148"	W95°36'49.29352"	907.922	1.000040254	0.999956676	0.999996928	0°04'42"
12	302146.267	1039448.356	1157.862	N40°48'31.43082"	W95°40'16.24975"	1061.466	0.999971655	0.999949349	0.999921006	-1°25'49"	12	6803570.591	16517206.440	1157.862	N40°48'31.43082"	W95°40'16.24975"	1061.466	1.000039338	0.999949349	0.999988686	0°02'26"
13	305234.344	1023894.084	1035.466	N40°48'58.04923"	W95°43'39.49112"	939.974	0.999970786	0.999955147	0.999925934	-1°28'02"	13	6806258.561	16501576.962	939.974	N40°48'58.04923"	W95°43'39.49112"	939.974	1.000039003	0.999955147	0.999994148	0°00'13"
14	302495.423	1010599.133	940.267	N40°48'27.59429"	W95°46'31.41696"	845.252	0.999971782	0.999959666	0.999931449	-1°29'56"	14	6803178.995	1648355.818	940.267	N40°48'27.59429"	W95°46'31.41696"	845.252	1.000039155	0.999959666	0.999998820	-0°01'39"
15	318536.580	998119.476	938.414	N40°51'02.78676"	W95°49'19.21937"	845.187	0.999966934	0.999959669	0.999926604	-1°31'46"	15	6818895.508	16475467.464	938.414	N40°51'02.78676"	W95°49'19.21937"	845.187	1.000039688	0.999959669	0.999999356	-0°03'29"
16	297736.429	1000099.600	934.083	N40°47'37.84990"	W95°48'46.26482"	839.340	0.999973454	0.999959948	0.999933404	-1°31'25"	16	6798151.625	16477981.258	934.083	N40°47'37.84990"	W95°48'46.26482"	839.340	1.000039554	0.999959948	0.999999501	-0°03'07"
17	284997.977	990250.763	932.410	N40°45'29.41665"	W95°50'49.80229"	837.507	0.999978039	0.999960036	0.999938075	-1°32'46"	17	6785163.603	16468462.210	932.410	N40°45'29.41665"	W95°50'49.80229"	837.507	1.000040137	0.999960036	1.000000171	-0°04'28"
18	289865.382	1007820.808	930.741	N40°46'22.11716"	W95°47'03.22257"	835.152	0.999976111	0.999960148	0.999936260	-1°30'17"	18	6790480.950	16485902.552	930.741	N40°46'22.11716"	W95°47'03.22257"	835.152	1.000039227	0.999960148	0.999999374	-0°02'00"
19	294796.281	1025052.706	1123.589	N40°47'15.23481"	W95°43'20.95838"	1027.459	0.999974234	0.999950972	0.999925207	-1°27'50"	19	6795852.990	16503003.262	1123.589	N40°47'15.23481"	W95°43'20.95838"	1027.459	1.000039010	0.999950972	0.999989980	0°00'26"
20	288952.148	1037861.175	1194.974	N40°46'20.70536"	W95°40'32.59272"	1098.018	0.999976162	0.999947605	0.999923768	-1°25'59"	20	6790339.215	16515958.354	1194.974	N40°46'20.70536"	W95°40'32.59272"	1098.018	1.000039291	0.999947605	0.999986894	0°02'15"
21	288537.060	1051126.813	997.069	N40°46'20.81085"	W95°36'48.11598"	899.344	0.999976158	0.999957085	0.999932244	-1°23'31"	21	6790367.371	16533230.056	997.069	N40°46'20.81085"	W95°36'48.11598"	899.344	1.000040262	0.999957085	0.999997345	0°04'42"
22	287990.099	1071078.921	1031.243	N40°46'19.18492"	W95°33'20.66664"	932.875	0.999976217	0.999955485	0.999931703	-1°21'15"	22	6790229.881	16549191.980	1031.243	N40°46'19.18492"	W95°33'20.66664"	932.875	1.000041766	0.999955485	0.999997249	0°06'58"
23	287645.850	1086285.346	1083.102	N40°46'19.28766"	W95°30'02.97020"	984.211	0.999976213	0.999953036	0.999929250	-1°19'05"	23	6790275.831	16564403.244	1083.102	N40°46'19.28766"	W95°30'02.97020"	984.211	1.000043741	0.999953036	0.999996774	0°09'07"
24	287776.686	1102691.872	1046.021	N40°46'24.25376"	W95°26'29.81706"	946.618	0.999976034	0.999954829	0.999930865	-1°16'44"	24	6790827.439	16580802.148	1046.021	N40°46'24.25376"	W95°26'29.81706"	946.618	1.000046462	0.999954829	1.000001290	0°11'26"
25	271438.937	1101792.489	956.632	N40°46'24.65798"	W95°26'36.75968"	856.883	0.999982142	0.999959111	0.999941254	-1°16'49"	25	6774470.897	16533230.056	956.632	N40°46'24.65798"	W95°26'36.75968"	856.883	1.000046374	0.999959111	1.000005483	0°11'21"
26	271751.370	1088599.807	937.363	N40°43'42.79624"	W95°29'28.16714"	837.996	0.999982136	0.999960012	0.999942149	-1°18'42"	26	6774444.915	16567124.783	937.363	N40°43'42.79624"	W95°29'28.16714"	837.996	1.000044150	0.999960012	1.000004160	0°09'29"
27	271891.814	1070544.379	979.656	N40°43'40.03314"	W95°33'22.66644"	880.868	0.999982246	0.999957967	0.999940213	-1°21'16"	27	6774122.173	16549070.597	979.656	N40°43'40.03314"	W95°33'22.66644"	880.868	1.000041752	0.999957967	0.999999717	0°06'56"
28	272658.085	1053995.834	1022.958	N40°43'43.68124"	W95°36'57.79128"	924.780	0.999982101	0.999955871	0.999937973	-1°23'38"	28	6774463.630	16532506.867	1022.958	N40°43'43.68124"	W95°36'57.79128"	924.780	1.000040208	0.999955871	0.999960777	0°04'35"
29	272086.751	1038434.909	1174.307	N40°43'34.24767"	W95°40'19.66436"	1076.736	0.999982476	0.999948621	0.999931098	-1°25'51"	29	6773493.089	16516964.836	1174.307	N40°43'34.24767"	W95°40'19.66436"	1076.736	1.000039329	0.999948621	0.999987948	0°02'24"
30	273396.753	1024948.916	924.859	N40°43'43.82332"	W95°43'15.20474"	827.825	0.999982096	0.999960498	0.999942594	-1°27'46"	30	6774456.547	16503448.892	924.859	N40°43'43.82332"	W95°43'15.20474"	827.825	1.000039014	0.999960498	0.999999510	0°00'29"
31	273942.152	1007868.735	927.429	N40°43'44.84220"	W95°46'57.16944"	831.160	0.999982055	0.999960339	0.999942394	-1°30'13"	31	6774563.243	16486359.365	927.429	N40°43'44.84220"	W95°46'57.16944"	831.160	1.000039213	0.999960339	0.999999550	-0°01'56"
32	272753.127	988485.244	926.704	N40°43'27.99496"	W95°51'08.43383"	831.357	0.999982726	0.999960329	0.999943056	-1°32'58"	32	6772876.709	16467011.695	926.704	N40°43'27.99496"	W95°51'08.43383"	831.357	1.000040244	0.999960329	1.000000571	-0°04'40"
33	259714.737	999744.063	923.020	N40°41'22.18684"	W95°48'37.75615"	826.698	0.999987944	0.999960551	0.999948496	-1°31'19"	33	6760131.094	16478602.309	923.020	N40°41'22.18684"	W95°48'37.75615"	826.698	1.000039523	0.999960551	1.000000073	-0°03'01"
34	255013.441	1012655.017	920.302	N40°40'39.10199"	W95°45'48.62368"	823.291	0.999989816	0.999960714	0.999950530	-1°29'28"	34	6755762.670	16491630.387	920.302	N40°40'39.10199"	W95°45'48.62368"	823.291	1.000039080	0.999960714	0.999999792	-0°01'11"
35	253420.295	1023681.373	918.457	N40°40'26.17487"	W95°43'25.03108"	820.967	0.999990385	0.999960825	0.999951211	-1°27'53"	35	6754453.075	16502694.551	918.457	N40°40'26.17487"	W95°43'25.03108"	820.967	1.000039008	0.999960825	0.999999832	0°00'23"
3																					

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48	221167.225	1017246.061	911.301	N40°35'05.94541"	W95°44'37.72580"	813.574	1.000005743	0.999961177	0.999966920	-1°28'41"	48	6722044.090	16497089.156	911.301	N40°35'05.94541"	W95°44'37.72580"	813.574	1.000039010	0.999961177	1.000000185	-0°00'25"
49	220269.844	1040900.225	907.266	N40°35'02.99524"	W95°39'30.95312"	808.720	1.000005895	0.999961409	0.999967304	-1°25'19"	49	6721754.154	16520759.349	907.266	N40°35'02.99524"	W95°39'30.95312"	808.720	1.000039493	0.999961409	1.000000900	0°02'55"
50	220247.231	1056928.316	1079.656	N40°35'06.64932"	W95°36'03.27127"	980.671	1.000005706	0.999953204	0.999958910	-1°23'02"	50	6722142.811	16536783.291	1079.656	N40°35'06.64932"	W95°36'03.27127"	980.671	1.000040547	0.999953204	0.999993749	0°05'10"
51	218914.155	1072776.041	1106.472	N40°34'57.21103"	W95°32'37.52120"	1007.076	1.000006195	0.999951944	0.999958139	-1°20'46"	51	6721216.631	16552660.557	1106.472	N40°34'57.21103"	W95°32'37.52120"	1007.076	1.000042170	0.999951944	0.999994112	0°07'24"
52	218324.356	1087261.655	1094.875	N40°34'54.70454"	W95°29'29.65618"	995.135	1.000006325	0.999952514	0.999958839	-1°18'43"	52	6720998.459	16567157.065	1094.875	N40°34'54.70454"	W95°29'29.65618"	995.135	1.000044155	0.999952514	0.999996667	0°09'26"
53	219852.190	1104122.939	1161.821	N40°35'13.55408"	W95°25'51.62301"	1061.713	1.000005350	0.999949337	0.999954687	-1°16'19"	53	6722958.092	16583974.312	1161.821	N40°35'13.55408"	W95°25'51.62301"	1061.713	1.000047060	0.999949337	0.999996395	0°11'48"
1003	279464.410	1000456.590	928.280	N40°44'37.45689"	W95°48'35.31709"	832.581	0.999980003	0.999960271	0.999940274	-1°31'17"	1003	6779893.652	16478807.416	928.280	N40°44'37.45689"	W95°48'35.31709"	832.581	1.000039513	0.999960271	0.999999782	-0°03'00"
1017	330854.517	1005809.600	945.290	N40°53'06.47649"	W95°47'43.41196"	852.475	0.999963471	0.999959322	0.999922795	-1°30'43"	1017	6831407.784	16482839.294	945.290	N40°53'06.47649"	W95°47'43.41196"	852.475	1.000039337	0.999959322	0.999998657	-0°02'26"
1018	234751.120	1028432.888	907.550	N40°37'22.95425"	W95°42'17.24357"	809.570	0.999998881	0.999961368	0.999960249	-1°27'08"	1018	6735911.201	16507923.976	907.550	N40°37'22.95425"	W95°42'17.24357"	809.570	1.000039072	0.999961368	1.000000439	0°01'07"
1022	279651.469	1045580.338	1176.580	N40°44'50.72643"	W95°38'49.30909"	1078.955	0.999979495	0.999948515	0.999928011	-1°24'51"	1022	6781239.155	16523914.171	1176.580	N40°44'50.72643"	W95°38'49.30909"	1078.955	1.000039654	0.999948515	0.999988166	0°03'23"
1024	230269.877	983628.365	1159.210	N40°36'27.05898"	W95°51'56.48750"	1063.088	1.000001628	0.999949272	0.999950899	-1°33'30"	1024	6730280.646	16463247.555	1159.210	N40°36'27.05898"	W95°51'56.48750"	1063.088	1.000040544	0.999949272	0.999989813	-0°05'10"
1026	324816.737	1070642.513	977.110	N40°52'22.87338"	W95°33'37.67465"	880.491	0.999964651	0.999957985	0.999922638	-1°21'26"	1026	6827035.829	16547810.739	977.110	N40°52'22.87338"	W95°33'37.67465"	880.491	1.000041613	0.999957985	0.999999596	0°06'47"
1027	292638.055	1002607.661	930.920	N40°46'48.14688"	W95°48'11.91181"	835.745	0.999975183	0.999960120	0.999935304	-1°31'02"	1027	6793119.011	16480619.589	930.920	N40°46'48.14688"	W95°48'11.91181"	835.745	1.000039429	0.999960120	0.999999548	-0°02'45"
1028	313452.117	1071602.649	981.760	N40°50'30.83315"	W95°33'21.68317"	884.453	0.999967886	0.999957796	0.999925683	-1°21'15"	1028	6815698.732	16549062.257	981.760	N40°50'30.83315"	W95°33'21.68317"	884.453	1.000041751	0.999957796	0.999999545	0°06'57"
2017	318340.031	1119275.910	1116.570	N40°51'29.78767"	W95°23'02.91600"	1017.723	0.999966147	0.999951437	0.999917586	-1°14'28"	2017	6821808.409	16596598.169	1116.570	N40°51'29.78767"	W95°23'02.91600"	1017.723	1.000049665	0.999951437	1.000001099	0°13'42"
2018	302486.649	1118960.817	1094.710	N40°48'53.10624"	W95°23'02.54722"	995.259	0.999970946	0.999952509	0.999923456	-1°14'28"	2018	6805950.873	16596689.723	1094.710	N40°48'53.10624"	W95°23'02.54722"	995.259	1.000049685	0.999952509	1.000002192	0°13'42"
2035	288291.093	1118478.867	960.410	N40°46'32.76627"	W95°23'04.81394"	860.558	0.999975730	0.999958936	0.999934666	-1°14'29"	2035	6791746.542	16596571.899	960.410	N40°46'32.76627"	W95°23'04.81394"	860.558	1.000049660	0.999958936	1.000008593	0°13'40"
2036	271011.478	1118254.375	1068.940	N40°43'42.01389"	W95°23'02.86650"	968.771	0.999982167	0.999953772	0.999935940	-1°14'28"	2036	6774465.628	16596790.489	1068.940	N40°43'42.01389"	W95°23'02.86650"	968.771	1.000049708	0.999953772	1.000003478	0°13'40"
2053	249675.644	1120910.125	1179.250	N40°40'11.80446"	W95°22'22.41249"	1078.824	0.999991024	0.999948521	0.999939545	-1°14'01"	2053	6753203.524	16599992.445	1179.250	N40°40'11.80446"	W95°22'22.41249"	1078.824	1.000050428	0.999948521	0.999998946	0°14'06"
2054	233762.223	1120334.789	1137.980	N40°37'34.47346"	W95°22'25.42888"	1037.513	0.99998324	0.999950492	0.999948816	-1°14'03"	2054	6737279.697	16599825.101	1137.980	N40°37'34.47346"	W95°22'25.42888"	1037.513	1.000050390	0.999950492	1.000000880	0°14'03"
2071	217113.955	1119951.766	1015.890	N40°34'49.92384"	W95°22'25.74428"	915.403	1.000006574	0.999956318	0.999962892	-1°14'03"	2071	6720626.282	16599868.789	1015.890	N40°34'49.92384"	W95°22'25.74428"	915.403	1.000050400	0.999956318	1.000006716	0°14'02"
3052	334111.822	1119273.987	1021.750	N40°54'05.59472"	W95°23'07.38980"	923.723	0.999961943	0.999955922	0.999917866	-1°14'31"	3052	6837576.313	16596191.712	1021.750	N40°54'05.59472"	W95°23'07.38980"	923.723	1.000049575	0.999955922	1.000005495	0°13'40"
3053	334524.871	1103718.027	1130.900	N40°54'06.29393"	W95°26'30.04519"	1033.521	0.999961925	0.999950683	0.999912610	-1°16'44"	3053	6837590.205	16580628.937	1130.900	N40°54'06.29393"	W95°26'30.04519"	1033.521	1.000046430	0.999950683	0.999997111	0°11'27"
3054	334823.800	1086871.051	1077.710	N40°54'05.47296"	W95°30'09.47605"	981.031	0.999961946	0.999953188	0.999915135	-1°19'09"	3054	6837456.820	16563778.437	1077.710	N40°54'05.47296"	W95°30'09.47605"	981.031	1.000043649	0.999953188	0.999996835	0°09'04"
3055	335532.890	1072070.462	977.930	N40°54'09.06586"	W95°33'22.38895"	881.945	0.999961855	0.999957916	0.999919773	-1°21'16"	3055	6837785.939	16548963.331	977.930	N40°54'09.06586"	W95°33'22.38895"	881.945	1.000041740	0.999957916	0.999999654	0°06'57"
3056	335631.757	1056056.529	1097.630	N40°54'06.24958"	W95°36'50.91168"	1002.485	0.999961926	0.999952164	0.999914092	-1°23'33"	3056	6837473.791	16532950.869	1097.630	N40°54'06.24958"	W95°36'50.91168"	1002.485	1.000040241	0.999952164	0.999992403	0°04'41"
3057	336029.759	1037562.748	1229.070	N40°54'05.66973"	W95°40'51.81173"	1134.980	0.999961941	0.999945842	0.999907785	-1°26'12"	3057	6837396.979	16514451.527	1229.070	N40°54'05.66973"	W95°40'51.81173"	1134.980	1.000039239	0.999945842	0.999985079	0°02'03"
3058	336733.308	1027104.003	1159.760	N40°54'10.00585"	W95°43'08.20575"	1066.248	0.999961832	0.999949122	0.999910955	-1°27'42"	3058	6837831.850	16503977.359	1159.760	N40°54'10.00585"	W95°43'08.20575"	1066.248	1.000039018	0.999949122	0.999988138	0°00'34"
3059	337337.728	1016551.805	954.000	N40°54'13.29375"	W95°45'25.78791"	861.062	0.999961749	0.999958912	0.999920663	-1°29'12"	3059	6838165.189	16493412.306	954.000	N40°54'13.29375"	W95°45'25.78791"	861.062	1.000039050	0.999958912	0.999997960	-0°00'56"
3060	337059.970	1001970.464	954.630	N40°54'06.76808"	W95°48'35.52435"	862.415	0.999961913	0.999958848	0.999920762	-1°31'17"	3060	6837513.080	16478841.776	954.630	N40°54'06.76808"	W95°48'35.52435"	862.415	1.000039512	0.999958848	0.999998358	-0°03'00"