

Clinton County NA2011

10/12/22

Name: Clinton County, IA
 Coordinate System: US State Plane 1983
 Datum: NAD 83(NA2011)
 Zone: Iowa South 1402
 Geoid: GEOID12A (Conus)
 Vertical Datum: NAVD88
 Adjustment by: Gary G Brown 5/25/2013

Point ID	Northing sft	Easting sft	Elev. sft	Latitude (Global)	Longitude (Global)	Ellipsoid Height	Projection Scale Factor	Height Scale Factor	Combined Scale Factor	Meridian Convergence Angle
1	748909.74	2349206.85	844.98	N42°01'34.60605"	W90°53'27.94240"	738.11	1.000052190	0.999964781	1.000016969	1°43'07"
2	749654.07	2378893.69	842.37	N42°01'32.97674"	W90°46'54.50991"	735.35	1.000052076	0.999964913	1.000016987	1°47'26"
3	753330.60	2412728.03	710.24	N42°01'58.59353"	W90°39'24.89478"	602.99	1.000053877	0.999971228	1.000025103	1°52'22"
4	754131.96	2439470.87	828.59	N42°01'57.72271"	W90°33'30.39011"	721.12	1.000053815	0.999965592	1.000019405	1°56'15"
5	755544.31	2473638.88	662.21	N42°02'00.00993"	W90°25'57.28032"	554.24	1.000053977	0.999973554	1.000027530	2°01'14"
6	756819.58	2505309.72	833.69	N42°02'01.35924"	W90°18'57.29527"	725.44	1.000054072	0.999965386	1.000019456	2°05'50"
7	759152.71	2538491.40	663.72	N42°02'12.16424"	W90°11'36.76859"	555.15	1.000054837	0.999973511	1.000028346	2°10'41"
8	719688.63	2347998.39	720.45	N41°56'46.43196"	W90°53'55.52187"	613.44	1.000032992	0.999970730	1.000003721	1°42'48"
9	720338.73	2378566.87	722.66	N41°56'43.62683"	W90°47'10.95257"	615.54	1.000032815	0.999970629	1.000003443	1°47'15"
10	720049.14	2411709.22	822.11	N41°56'30.32618"	W90°39'52.75910"	714.85	1.000031977	0.999965891	0.999997867	1°52'04"
11	722665.24	2443360.55	789.98	N41°56'45.75575"	W90°32'53.02786"	682.43	1.000032950	0.99997438	1.000003086	1°56'40"
12	729060.32	2474830.18	744.62	N41°57'38.13653"	W90°25'53.88132"	636.63	1.000036292	0.999969623	1.000005914	2°01'16"
13	724867.57	2506693.89	788.25	N41°56'45.43258"	W90°18'54.46513"	679.98	1.000032929	0.999967555	1.000000483	2°05'52"
14	726452.85	2538209.60	684.14	N41°56'49.47780"	W90°11'56.93928"	575.56	1.000033185	0.999972537	1.000005721	2°10'27"
15	686501.41	2349152.29	727.48	N41°51'18.38627"	W90°53'53.39367"	620.37	1.000013534	0.999970399	0.999983932	1°42'50"
16	693845.38	2380730.91	694.54	N41°52'21.36406"	W90°46'53.28595"	587.36	1.000017072	0.999971974	0.999989045	1°47'27"
17	694704.68	2407039.21	761.74	N41°52'21.58303"	W90°41'05.36995"	654.46	1.000017084	0.999968772	0.999985856	1°51'16"
18	690754.42	2444267.52	693.10	N41°51'30.39136"	W90°32'55.35765"	585.48	1.000014201	0.999972063	0.999986264	1°56'38"
19	692091.87	2475947.10	658.80	N41°51'32.77023"	W90°25'56.36027"	550.83	1.000014334	0.999973717	0.999988050	2°01'14"
20	687261.05	2497321.09	711.95	N41°50'37.53717"	W90°21'16.40021"	603.73	1.000011289	0.999971192	0.999982481	2°04'19"
21	694593.80	2540502.10	661.57	N41°51'34.11464"	W90°11'42.63879"	552.95	1.000014409	0.999973615	0.999988024	2°10'37"
22	656037.82	2348166.44	757.56	N41°46'17.85641"	W90°54'18.42184"	650.38	0.999997942	0.999968967	0.999966909	1°42'33"
23	651441.19	2379851.74	742.58	N41°45'22.92104"	W90°47'22.36295"	635.22	0.999995323	0.999969690	0.999965013	1°47'07"
24	655956.02	2408149.70	640.80	N41°45'58.62467"	W90°41'07.26968"	533.30	0.999997017	0.999974553	0.999971570	1°51'14"
25	649122.28	2461574.36	613.34	N41°44'33.48259"	W90°29'25.82157"	505.47	0.999993027	0.999975881	0.999968908	1°58'56"
26	669439.19	2497826.22	650.09	N41°47'41.40703"	W90°21'18.24231"	541.86	1.000002063	0.999974145	0.999976207	2°04'18"
27	661492.24	2508795.68	641.10	N41°46'19.00710"	W90°18'57.36298"	532.77	0.999997998	0.999974578	0.999972577	2°05'50"
501	715596.09	2536255.31	788.65	N41°55'03.03541"	W90°12'28.21740"	680.09	1.000026584	0.999967549	0.999994132	2°10'07"
504	695441.85	2522758.65	708.64	N41°51'49.07941"	W90°15'36.53604"	600.18	1.000015246	0.999971362	0.999986608	2°08'03"
505	700453.63	2541738.29	623.43	N41°52'31.49757"	W90°11'23.36838"	514.80	1.000017650	0.999975436	0.999993085	2°10'49"
512	681474.51	2536389.17	634.08	N41°49'26.14073"	W90°12'43.50350"	525.48	1.000007461	0.999974926	0.999982386	2°09'57"
514	671539.52	2525842.85	596.17	N41°47'51.97379"	W90°15'07.59685"	487.67	1.000002595	0.999976731	0.999979326	2°08'22"
518	749801.31	2530404.05	797.45	N42°00'42.87576"	W90°13'28.52291"	688.95	1.000048599	0.999967127	1.000015724	2°09'27"
549	707635.91	2536361.59	705.50	N41°53'44.41474"	W90°12'30.79571"	596.93	1.000021881	0.999971517	0.999993398	2°10'05"
602	656550.92	2365341.00	706.44	N41°46'17.80072"	W90°50'31.66766"	599.18	0.999997940	0.999971410	0.999969349	1°45'03"
609	649119.56	2427116.01	681.77	N41°44'44.98501"	W90°37'00.11854"	574.14	0.999993556	0.999972604	0.999966161	1°53'57"
610	648973.85	2448749.48	673.75	N41°44'36.36575"	W90°32'14.96508"	565.98	0.999993159	0.999972994	0.999966153	1°57'05"
612	644598.11	2480567.84	609.09	N41°43'42.24840"	W90°25'17.54415"	501.05	0.999990708	0.999976092	0.999966800	2°01'40"
613	643214.79	2498277.17	592.45	N41°43'22.33492"	W90°21'24.80026"	484.24	0.999989824	0.999976894	0.999966718	2°04'13"
643	664846.42	2430549.63	661.43	N41°47'19.14296"	W90°36'07.93772"	553.83	1.000000949	0.999973574	0.999974522	1°54'32"
5002	761048.77	2445796.00	885.11	N42°03'03.88820"	W90°32'03.50577"	777.57	1.000058538	0.999962898	1.000021434	1°57'13"
5054	672251.38	2349464.17	790.37	N41°48'57.57977"	W90°53'54.90499"	683.22	1.000005963	0.999967400	0.999973362	1°42'49"
5055	687380.50	2349069.16	727.96	N41°51'27.09148"	W90°53'54.14423"	620.85	1.000014017	0.999970376	0.999984392	1°42'49"
5056	702598.86	2348569.88	713.69	N41°53'57.51288"	W90°53'54.72542"	606.62	1.000022654	0.999971055	0.999993708	1°42'49"
5069	737281.86	2347584.57	879.73	N41°59'40.27245"	W90°53'54.03323"	772.82	1.000044338	0.999963125	1.000007461	1°42'49"
5070	752789.38	2347097.35	819.78	N42°02'13.53718"	W90°53'54.34120"	712.93	1.000054935	0.999965983	1.000020915	1°42'49"
5079	766360.03	2362434.37	716.14	N42°04'22.94866"	W90°50'25.70722"	609.25	1.000064316	0.999970930	1.000035244	1°45'07"
5080	788004.05	2530201.04	627.21	N42°07'00.05690"	W90°13'12.13315"	518.72	1.000076241	0.999975249	1.000051488	2°09'38"