

**MCHENRY COUNTY
GEODETIC CONTROL STATION LIST**

SSN	(WGS84)		(NAD83(1997) METERS)		ELLIPSOID HEIGHT(m)	GEOID99 HEIGHT(m)	NAVD88		SCALE FACTOR	DESIGNATION
	LATITUDE	LONGITUDE	NORTHING	EASTING			ORTHOMETRIC HEIGHT(m)	CONVERGENCE ANGLE		
5929	42°04'26.59554"N	088°24'58.96633"W	600331.250	293127.714	251.280	-33.368	284.66	-0° 3'20.33"	0.99997558	PINGREE RM 2
6224	42°08'19.79747"N	088°32'07.14135"W	607542.754	283302.334	242.904	-33.396	276.32	-0° 8' 7.86"	0.99997843	IL-KANE-9-42-6
6230	42°08'37.66089"N	088°22'27.04777"W	608074.967	296623.542	238.708	-33.543	272.27	-0° 1'38.67"	0.99997514	IL-KANE-2-42-7
6337	42°09'14.62498"N	088°14'36.63838"W	609218.544	307423.714	228.569	-33.663	262.25	0° 3'37.02"	0.99997568	TRI COUNTY
6340	42°09'14.32124"N	088°15'29.42349"W	609208.002	306211.885	228.479	-33.655	262.15	0° 3' 1.59"	0.99997547	IL-KANE-2-42-8
6428	42°09'14.69429"N	088°24'22.05740"W	609219.342	293983.706	236.200	-33.533	269.75	-0° 2'55.87"	0.99997545	HUNTLEY WELL 10
6429	42°11'24.17469"N	088°23'20.93083"W	613213.254	295389.658	232.153	-33.617	265.79	-0° 2'14.94"	0.99997526	HUNTLEY WELL 8
6433	42°09'52.22424"N	088°19'34.81646"W	610374.742	300578.067	239.815	-33.625	273.46	0° 0'16.90"	0.999975	ALGONQUIN
6519	42°11'14.10833"N	088°37'04.63073"W	612940.376	276488.884	219.619	-33.438	253.08	-0°11'28.10"	0.9999818	MCH23-1A
6526	42°09'49.06474"N	088°26'32.86340"W	610283.000	290982.027	232.229	-33.517	265.76	-0° 4'23.71"	0.999976	HUNTLEY WELL 9
6527	42°07'54.64293"N	088°25'44.68398"W	606751.335	292084.002	241.634	-33.469	275.12	-0° 3'51.23"	0.99997577	HUNTLEY WELL 7
6528	42°11'15.32664"N	088°25'19.99681"W	612942.574	292657.414	231.433	-33.581	265.04	-0° 3'34.90"	0.99997566	MCH47-1A
6535	42°11'23.92704"N	088°17'10.20586"W	613205.182	303895.917	238.955	-33.712	272.67	0° 1'54.03"	0.99997519	MCH31-1A
6539	42°11'00.69460"N	088°11'26.24678"W	612497.152	311789.240	209.800	-33.756	243.58	0° 5'44.99"	0.99997671	LAK14-1A
6617	42°10'56.40237"N	088°40'51.86058"W	612413.399	271272.649	217.785	-33.388	251.21	-0°14' 0.62"	0.99998515	HARMONY
6625	42°11'33.26155"N	088°29'46.34143"W	613504.954	286546.976	238.285	-33.527	271.83	-0° 6'33.80"	0.99997723	MARENGO
6631	42°12'17.37162"N	088°21'31.00720"W	614853.393	297912.333	235.253	-33.676	268.95	-0° 1' 1.14"	0.99997505	CRYSTAL LAKE-1
6633	42°11'58.80946"N	088°18'45.01682"W	614280.576	301720.222	234.703	-33.709	268.43	0° 0'50.37"	0.99997504	PYOTT
6634	42°12'22.96918"N	088°19'24.33161"W	615025.838	300818.198	236.593	-33.713	270.33	0° 0'23.96"	0.99997501	LAKEPORT
6723	42°12'40.26554"N	088°33'01.35238"W	615582.260	282077.902	232.532	-33.524	266.09	-0° 8'44.96"	0.99997895	SOUTH UNION
6730	42°13'23.02740"N	088°23'54.29395"W	616880.882	294626.942	239.207	-33.675	272.90	-0° 2'37.45"	0.99997536	LAKEWOOD
6737	42°12'50.66431"N	088°15'07.93166"W	615883.484	306698.947	217.548	-33.785	251.35	0° 3'16.24"	0.99997555	CARY
6818	42°13'45.94717"N	088°39'25.35048"W	617636.737	273277.716	207.276	-33.492	240.81	-0°13' 3.24"	0.99998378	BLISSDALE
6826	42°13'34.07232"N	088°28'19.52683"W	617228.935	288544.916	223.168	-33.617	256.82	-0° 5'35.71"	0.99997661	HEMMINGSEN
6834	42°14'18.30313"N	088°18'57.20461"W	618584.465	301439.736	246.239	-33.785	280.04	0° 0'42.21"	0.99997503	CRYSTAL LAKE-2B
6836	42°14'30.22129"N	088°15'26.02086"W	618954.848	306281.306	222.890	-33.840	256.75	0° 3' 4.19"	0.99997549	VALLEY VIEW
6920	42°13'46.47383"N	088°36'03.89740"W	617636.961	277897.228	255.887	-33.525	289.46	-0°10'47.84"	0.99998101	MARMAPL-1A
6932	42°14'52.16705"N	088°21'49.44834"W	619629.611	297491.005	242.762	-33.760	276.53	-0° 1'13.59"	0.99997508	MCH176-2A
6934	42°14'36.36645"N	088°18'58.48040"W	619141.789	301410.374	249.151	-33.795	282.97	0° 0'41.36"	0.99997502	CRYSTAL LAKE-2A
7015	42°15'09.19706"N	088°42'18.84734"W	620221.584	269310.517	205.870	-33.502	239.43	-0°15' 0.25"	0.99998658	BOO20-2B
7025	42°15'18.83014"N	088°30'43.89053"W	620467.324	285241.169	221.230	-33.643	254.91	-0° 7'12.97"	0.99997768	SENECA
7028	42°14'43.22692"N	088°25'23.68482"W	619357.236	292579.553	246.254	-33.696	279.97	-0° 3'37.62"	0.99997568	CAMP 1991
7029	42°16'06.51351"N	088°25'00.37978"W	621926.443	293116.336	248.120	-33.745	281.88	-0° 3'22.04"	0.99997558	LUCAS
7120	42°15'48.82154"N	088°36'29.79460"W	621413.802	277315.567	210.781	-33.586	244.42	-0°11' 5.68"	0.99998133	MCH23-2A
7125	42°17'01.88403"N	088°30'40.43992"W	623646.823	285326.902	222.830	-33.695	256.56	-0° 7'10.89"	0.99997765	FRANKLINVILLE
7134	42°17'04.84385"N	088°18'35.50562"W	623723.087	301935.822	208.707	-33.884	242.61	0° 0'56.85"	0.99997505	EDGEWOOD
7139	42°17'29.87759"N	088°12'42.08589"W	624502.389	310031.801	190.071	-33.981	224.07	0° 4'54.67"	0.99997624	DOWELL
7231	42°18'12.59695"N	088°22'53.72007"W	625814.436	296021.142	256.981	-33.843	290.84	-0° 1'56.92"	0.99997519	FLEMING
7236	42°17'10.38776"N	088°17'12.29313"W	623894.925	303842.182	225.800	-33.910	259.73	0° 1'52.84"	0.99997518	NUNDA RM 1
7323	42°18'46.55125"N	088°32'47.37484"W	626882.960	282426.785	225.066	-33.714	258.82	-0° 8'36.58"	0.9999788	BEAR 1991
7416	42°18'46.03688"N	088°42'20.00820"W	626912.186	269313.151	215.427	-33.598	249.07	-0°15' 2.07"	0.99998658	TANG 1991
7419	42°18'46.35264"N	088°37'11.12418"W	626894.558	276386.787	248.147	-33.657	281.85	-0°11'34.13"	0.99998186	KISH VALLEY
7434	42°19'38.54268"N	088°18'59.23280"W	628465.269	301391.277	205.683	-33.956	239.66	0° 0'40.92"	0.99997502	CURRAN-1A
7435	42°20'03.39744"N	088°18'58.18851"W	629232.160	301415.031	204.235	-33.968	238.22	0° 0'41.63"	0.99997502	CURRAN-1B
7437	42°19'27.24410"N	088°14'55.66818"W	628119.979	306968.081	193.516	-34.021	227.55	0° 3'24.91"	0.9999756	RIVER
7526	42°19'21.71321"N	088°28'20.79466"W	627955.236	288533.361	272.361	-33.789	306.16	-0° 5'37.19"	0.99997662	MCH14-2A

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	LATITUDE	LONGITUDE	NORTHING	EASTING			ORTHOMETRIC HEIGHT(m)	CONVERGENCE ANGLE		
7534	42°20'45.61535"N	088°17'04.15215"W	630535.797	304024.882	195.761	-34.023	229.80	0° 1'58.45"	0.9999752	MCHENRY-2A
7535	42°20'42.40055"N	088°16'55.56961"W	630436.720	304221.382	197.078	-34.024	231.12	0° 2' 4.23"	0.99997522	MCHENRY-2B
7536	42°20'32.43372"N	088°14'58.88036"W	630131.313	306892.557	194.909	-34.053	228.97	0° 3'22.82"	0.99997558	MCH120-2A
7623	42°21'08.43436"N	088°32'48.73818"W	631260.804	282406.552	237.658	-33.773	271.47	-0° 8'37.89"	0.99997881	DEEP CUT
7626	42°21'48.51322"N	088°29'25.69151"W	632487.305	287055.792	254.368	-33.837	288.22	-0° 6'21.18"	0.99997706	NELSON
7628	42°21'37.99989"N	088°26'34.60068"W	632156.777	290970.291	234.171	-33.880	268.06	-0° 4'25.88"	0.999976	CHARLES
7630	42°21'14.06452"N	088°23'26.28118"W	631414.025	295279.138	249.420	-33.921	283.35	-0° 2'18.97"	0.99997527	GREENWOOD 2
7636	42°21'25.56298"N	088°15'47.78885"W	631769.595	305771.703	214.127	-34.063	248.20	0° 2'49.93"	0.99997541	PINE
7716	42°22'25.65458"N	088°41'18.95789"W	633682.477	270739.536	239.872	-33.696	273.61	-0°14'21.98"	0.99998553	FLAT IRON
7719	42°22'03.87914"N	088°37'04.54479"W	632988.692	276557.848	237.663	-33.738	271.45	-0°11'30.43"	0.99998176	MCH23-3A
7734	42°22'22.08432"N	088°18'22.80266"W	633511.530	302223.750	222.521	-34.037	256.57	0° 1' 5.51"	0.99997506	RINGWOOD
7736	42°22'16.37808"N	088°15'28.82538"W	633337.860	306204.282	201.078	-34.089	235.17	0° 3' 2.75"	0.99997547	RIVERSIDE
7823	42°23'07.35242"N	088°33'00.40014"W	634930.688	282149.010	266.810	-33.811	300.65	-0° 8'46.08"	0.99997892	STREIT
7828	42°23'45.83006"N	088°26'17.37521"W	636100.475	291369.329	229.252	-33.935	263.19	-0° 4'14.45"	0.99997592	MCH47-2A
7835	42°23'30.97811"N	088°17'49.78713"W	635637.528	302978.198	226.940	-34.071	261.00	0° 1'27.79"	0.99997511	RING 1991
7837	42°24'07.69671"N	088°14'50.18942"W	636773.437	307084.767	231.067	-34.136	265.19	0° 3'28.91"	0.99997562	SPRING GROVE
7917	42°24'34.39398"N	088°42'20.99525"W	637660.818	269337.633	236.594	-33.719	270.36	-0°15' 4.41"	0.99998656	B00173-1B
7920	42°23'56.17041"N	088°37'04.85592"W	636453.466	276562.334	244.532	-33.775	278.34	-0°11'31.05"	0.99998176	ZANE AZ07
7931	42°24'07.29376"N	088°22'48.44694"W	636758.476	296147.938	233.028	-34.001	267.04	-0° 1'53.59"	0.99997518	GALTPORT
7933	42°24'02.80023"N	088°19'35.95066"W	636618.789	300549.974	231.998	-34.052	266.04	0° 0'16.22"	0.999975	BARNARD MILL
7935	42°25'03.33499"N	088°18'04.31723"W	638487.075	302644.791	224.657	-34.098	258.74	0° 1'18.03"	0.99997509	MCH31-2A
8031	42°25'51.37863"N	088°21'55.52540"W	639969.471	297359.367	237.397	-34.050	271.46	-0° 1'17.95"	0.99997509	TRYON GROVE
8038	42°25'31.18978"N	088°14'15.99374"W	639350.464	307863.858	237.635	-34.172	271.79	0° 3'52.08"	0.99997576	NIPPER
8117	42°25'21.56079"N	088°40'38.56199"W	639106.283	271685.705	243.816	-33.756	277.61	-0°13'55.53"	0.99998486	HUNTER
8122	42°25'45.62691"N	088°34'26.59472"W	639819.576	280191.218	265.891	-33.839	299.76	-0° 9'44.68"	0.99997983	ALTENBERG
8126	42°25'57.25512"N	088°29'38.34948"W	640162.797	286780.662	255.992	-33.922	289.94	-0° 6'30.23"	0.99997715	DURKEE
8128	42°26'35.25453"N	088°26'09.98240"W	641327.892	291544.729	240.628	-33.997	274.65	-0° 4' 9.69"	0.99997588	VANDERKARR
8234	42°27'03.44693"N	088°18'29.60578"W	642192.966	302065.537	212.192	-34.130	246.32	0° 1' 1.01"	0.99997505	TRYON GROVE 2
8239	42°27'35.66940"N	088°12'41.44258"W	643194.088	310019.752	224.815	-34.236	259.04	0° 4'56.06"	0.99997623	WILMOT
8317	42°27'55.67469"N	088°40'03.78121"W	643858.348	272499.546	240.166	-33.799	273.99	-0°13'32.73"	0.9999843	MAXON
8325	42°27'43.55954"N	088°29'47.57414"W	643443.258	286576.120	264.163	-33.955	298.14	-0° 6'36.67"	0.99997722	MCH173-1A
8332	42°28'19.99555"N	088°22'08.88194"W	644555.221	297056.002	240.350	-34.091	274.47	-0° 1'27.03"	0.99997511	MCH173-2A
8421	42°28'05.81831"N	088°35'58.91830"W	644151.534	278094.440	257.294	-33.857	291.17	-0°10'47.45"	0.9999809	MCH14-1A
8423	42°28'25.08003"N	088°33'35.13325"W	644736.327	281380.658	325.308	-33.895	359.24	-0° 9'10.42"	0.99997926	KOLTZ AZ MK
8431	42°29'12.52110"N	088°23'37.59508"W	646177.073	295030.719	242.747	-34.085	276.86	-0° 2'26.97"	0.9999753	HEBRON RM 1
8434	42°29'23.29483"N	088°18'21.33471"W	646508.096	302253.140	217.960	-34.171	252.14	0° 1' 6.64"	0.99997506	BURLINGTON
8438	42°28'50.34090"N	088°13'01.83418"W	645497.458	309550.710	230.275	-34.250	264.52	0° 4'42.40"	0.99997612	MCH173-3A
8521	42°29'42.15428"N	088°36'25.86976"W	647125.993	277488.355	255.954	-33.873	289.85	-0°11' 5.98"	0.99998123	BIGFOOT RM PK
8527	42°29'41.00616"N	088°27'22.16025"W	647061.535	289903.532	259.610	-34.033	293.66	-0° 4'58.69"	0.99997625	VEEN