

# COORDINATE TEST DATA

County Test Point	Latitude DD MM SS	Longitude DD MM SS	WISCRS Zone	WISCRS northing sFT	WISCRS easting sFT	SPC Zone	SPC northing sFT	SPC easting sFT	WTM northing sFT	WTM easting sFT	UTM Zone	UTM northing sFT	UTM easting sFT
<b>Before using data on these pages, please read the information at the end of this document.</b>													
Adams1	44 10 00	89 48 00	TM 9601	291,695.1324	535,483.0022	4803	789,779.6447	2,020,982.1789	1,346,466.6505	1,758,493.4267	16	16,057,045.1121	905,966.4850
Adams2	43 41 00	89 40 00	TM 9601	115,609.6685	571,182.8037	4803	613,704.5709	2,056,674.4434	1,170,458.0501	1,794,177.6449	16	15,879,752.4130	935,250.2797
Ashland1	46 34 00	90 52 00	TM 9602	313,936.2252	505,510.0703	4801	511,705.5709	1,750,511.9760	2,222,357.6865	1,488,121.9894	15	16,926,547.3408	2,176,808.2942
Ashland2	46 00 00	90 20 00	TM 9602	107,307.8539	640,423.0584	4801	304,048.0227	1,883,789.7925	2,014,764.6734	1,621,352.5105	15	16,724,065.0427	2,317,855.1424
Barron1	45 35 00	92 05 00	TM 9603	164,177.4077	245,862.8778	4802	644,857.7004	1,435,122.3137	1,869,634.1110	1,172,821.7629	15	16,562,182.3377	1,875,030.5492
Barron2	45 15 00	91 36 00	TM 9603	42,640.5131	370,001.7374	4802	520,532.5670	1,556,452.8616	1,745,298.3867	1,294,109.0802	15	16,442,474.1573	2,000,850.4681
Bayfield1	46 43 00	91 30 00	LCC 9604	504,713.4082	662,899.0793	4801	568,774.4922	1,592,261.0501	2,279,429.8888	1,329,921.7411	15	16,977,563.2221	2,016,528.2589
Bayfield2	46 13 00	91 00 00	LCC 9604	322,201.7586	788,678.2097	4801	384,472.6605	1,715,370.0643	2,095,163.3474	1,452,984.7524	15	16,798,080.6841	2,146,510.6566
Brown1	44 39 00	88 10 00	TM 9605	616,621.9599	60,297.9056	4802	303,109.4281	2,445,566.0298	1,527,903.1688	2,182,974.7558	16	16,222,844.7985	1,336,908.9118
Brown2	44 21 00	87 48 00	TM 9605	507,267.4320	155,993.6461	4802	196,151.2410	2,543,920.4887	1,420,934.0793	2,281,307.4603	16	16,112,365.8838	1,431,227.1545
Buffalo1	44 34 00	92 00 00	TM 9606	395,710.4368	522,148.8668	4802	273,762.1138	1,447,324.5694	1,498,553.1101	1,184,988.6004	15	16,191,899.0271	1,900,938.3732
Buffalo2	44 06 00	91 35 00	TM 9606	225,582.3018	631,190.9313	4802	101,271.8237	1,552,570.2588	1,326,107.7521	1,290,255.0627	15	16,023,443.5228	2,012,428.4919
Burnett1	46 05 00	92 10 00	LCC 9607	262,494.0941	283,876.0994	4801	341,756.3598	1,418,779.1650	2,052,451.9494	1,156,439.5630	15	16,744,205.3378	1,851,800.4529
Burnett2	45 40 00	92 44 00	LCC 9607	110,532.7456	139,546.6853	4801	194,344.9560	1,269,829.2823	1,905,005.9669	1,007,498.4175	15	16,591,330.1184	1,708,566.9782
Calumet1	44 12 00	88 17 00	TM 9608	539,762.0180	859,824.1110	4803	806,502.8873	2,418,690.4966	1,363,250.6071	2,156,064.1148	16	16,059,310.0442	1,303,986.5432
Calumet2	43 55 00	88 05 00	TM 9608	436,673.4709	912,799.5098	4803	704,385.2785	2,473,504.9828	1,261,161.7118	2,210,898.1215	16	15,955,308.0776	1,355,059.7353
Chippewa1	45 15 00	91 30 00	LCC 9609	243,954.7113	144,055.3392	4802	520,041.0010	1,582,202.7810	1,744,803.6387	1,319,854.3017	15	16,442,936.9721	2,026,595.6983
Chippewa2	44 52 00	90 58 00	LCC 9609	104,286.9307	281,990.3198	4802	378,205.4879	1,717,880.9494	1,602,993.5283	1,455,493.6861	15	16,306,234.0553	2,167,414.3798
Clark1	44 59 00	90 51 00	TM 9610	504,362.6410	619,340.8723	4802	420,398.9895	1,748,572.1114	1,645,175.0004	1,486,176.7305	15	16,349,532.9130	2,196,524.7670
Clark2	44 28 00	90 23 00	TM 9610	316,120.4019	740,852.2877	4802	231,123.9673	1,868,426.2200	1,455,961.8398	1,605,995.8044	15	16,164,787.5123	2,323,286.1939
Columbia1	43 37 00	89 35 00	LCC 9611	422,278.5463	504,974.3955	4803	589,504.1930	2,078,839.3088	1,146,266.1312	1,816,335.6766	16	15,854,761.9001	956,530.8964
Columbia2	43 20 00	89 05 00	LCC 9611	319,095.6809	637,780.7566	4803	487,298.7493	2,212,377.8133	1,044,092.1678	1,949,835.4040	16	15,747,801.7542	1,086,315.1634
Crawford1	43 24 00	91 07 00	LCC 9612	249,122.7803	325,748.2467	4803	512,243.6847	1,671,740.7551	1,069,030.5284	1,409,362.8322	15	15,770,828.6756	2,140,774.7512
Crawford2	43 08 00	90 48 00	LCC 9612	151,901.4664	410,076.7390	4803	414,088.8433	1,754,960.8440	970,903.5220	1,492,563.7765	15	15,675,725.5278	2,227,466.3077
Dane1	43 10 00	89 47 00	LCC 9613	516,562.4812	714,652.6868	4803	425,288.4491	2,026,302.7771	982,104.0015	1,763,816.4791	16	15,692,502.4328	898,106.4746
Dane2	42 53 00	89 05 00	LCC 9613	413,265.6150	901,835.4076	4803	323,299.5166	2,214,180.7070	880,138.6959	1,951,628.1049	16	15,583,842.3811	1,082,239.2394
Dodge1	43 35 00	89 00 00	TM 9614	769,494.7095	804,377.9466	4803	578,667.4815	2,233,454.7949	1,135,437.4297	1,970,905.7158	16	15,838,352.6616	1,110,667.7817
Dodge2	43 15 00	88 29 00	TM 9614	648,044.1894	941,712.9684	4803	459,260.1790	2,372,545.1997	1,016,054.8787	2,109,967.9938	16	15,714,028.9248	1,245,359.8169

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Door1	45 08 00	87 07 00	TM 9615	267,409.5600	561,146.9440	4802	487,145.3686	2,712,445.3448	1,711,962.3931	2,449,872.9517	16	16,396,846.5918	1,610,319.0671
Door2	44 42 00	87 40 00	TM 9615	109,623.1994	418,430.8108	4802	324,668.0553	2,575,119.2742	1,549,450.6669	2,312,528.5212	16	16,239,604.0812	1,467,132.8517
Douglas1	46 38 00	92 14 00	TM 9616	273,684.5139	114,441.1175	4801	542,717.0484	1,407,508.0600	2,253,413.1820	1,145,187.6579	15	16,944,534.7352	1,832,948.1769
Douglas2	46 11 00	91 37 00	TM 9616	109,549.1120	269,993.9645	4801	374,891.0007	1,559,043.3184	2,085,585.3498	1,296,691.9796	15	16,782,602.3883	1,990,678.3224
Dunn1	45 11 00	92 08 00	TM 9617	282,661.3085	108,398.2914	4802	499,391.2573	1,418,492.9658	1,724,178.4050	1,156,158.9691	15	16,416,246.8463	1,863,803.3419
Dunn2	44 43 00	91 41 00	TM 9617	112,486.9399	224,881.6549	4802	326,563.3500	1,530,964.5889	1,551,357.3377	1,268,616.6394	15	16,247,735.1976	1,982,554.2590
EauClaire1	44 50 00	91 37 00	LCC 9618	286,783.7282	308,961.1268	4802	368,735.9268	1,549,137.1084	1,593,524.9196	1,286,785.3395	15	16,290,541.0941	1,999,154.5476
EauClaire2	44 37 00	90 59 00	LCC 9618	207,764.8331	473,570.7835	4802	287,122.0649	1,712,456.4937	1,511,934.6361	1,450,073.2346	15	16,215,015.1093	2,165,353.0137
Florence1	45 58 00	88 37 00	TM 9619	192,824.7517	317,202.4272	4801	294,778.4240	2,320,242.3081	2,005,488.8436	2,057,668.6812	16	16,704,738.7776	1,229,469.8053
Florence2	45 44 00	88 07 00	TM 9619	107,373.8802	444,384.4141	4801	212,332.8365	2,449,374.7142	1,923,042.5227	2,186,771.1892	16	16,617,506.1300	1,355,376.6008
FondduLac1	43 53 00	88 48 00	TM 9620	424,388.6052	723,900.2470	4803	688,706.8653	2,284,868.8125	1,245,453.1354	2,022,297.6028	16	15,946,456.9267	1,166,018.5033
FondduLac2	43 34 00	88 12 00	TM 9620	308,952.8975	882,517.5288	4803	576,152.6395	2,445,524.1464	1,132,934.8156	2,182,937.9462	16	15,828,199.1455	1,322,481.7591
Forest1	45 59 00	88 53 00	TM 9621	721,254.9532	841,440.6173	4801	299,788.1873	2,252,356.1214	2,010,500.8055	1,989,798.7159	16	16,712,302.9472	1,161,829.1327
Forest2	45 25 00	88 30 00	TM 9621	514,534.8632	939,242.5192	4801	94,798.9021	2,353,691.2533	1,805,550.1540	2,091,081.0421	16	16,503,683.4874	1,255,368.9579
Grant1	42 57 00	91 04 00	TM 9622	560,941.5964	723,600.3795	4803	348,072.9450	1,682,929.8295	904,900.7791	1,420,557.9394	15	15,607,172.7305	2,157,845.8191
Grant2	42 33 00	90 29 00	TM 9622	415,198.4460	880,334.0103	4803	200,839.8090	1,838,253.2176	757,735.4192	1,575,843.2544	15	15,465,568.6940	2,318,321.2292
Green1	42 49 00	89 47 00	LCC 9623	215,645.3723	572,907.1164	4803	297,727.3709	2,026,634.2214	854,588.2855	1,764,145.2930	16	15,564,976.0380	893,878.8016
Green2	42 31 00	89 25 00	LCC 9623	106,583.5512	671,839.4003	4803	188,863.6645	2,125,778.9763	745,761.5495	1,863,242.9463	16	15,452,639.6460	989,103.6400
GreenLake1	43 57 00	89 07 00	LCC 9624	311,901.0105	527,921.7271	4803	711,964.2985	2,201,128.8546	1,268,693.9712	1,938,578.8647	16	15,972,728.4128	1,083,180.9214
GreenLake2	43 40 00	88 56 00	LCC 9624	208,741.3979	576,591.5322	4803	609,258.4626	2,250,728.9828	1,166,021.5139	1,988,173.9160	16	15,868,299.7259	1,129,033.6101
Iowa1	43 10 00	90 22 00	TM 9625	228,880.8566	316,155.9902	4803	425,428.4186	1,870,680.1209	982,243.3182	1,608,246.4426	15	15,691,207.7263	2,342,720.2286
Iowa2	42 50 00	89 53 00	TM 9625	107,439.3083	445,515.2580	4803	303,748.0589	1,999,794.5688	860,607.2568	1,737,315.9799	16	15,571,950.8933	867,263.2683
Iron1	46 32 00	90 30 00	TM 9626	401,257.1179	663,471.2971	4801	498,755.9425	1,842,659.4875	2,209,407.2732	1,580,238.0918	15	16,917,104.3457	2,269,382.8541
Iron2	46 01 00	89 58 00	TM 9626	212,860.8547	798,402.3403	4801	309,949.5610	1,976,968.4948	2,020,664.6454	1,714,498.8743	16	16,732,837.3335	886,995.0755
Jackson1	44 34 00	91 08 00	TM 9627	196,388.5515	13,249.4036	4802	269,404.7975	1,673,146.9844	1,494,219.5473	1,410,775.3279	15	16,195,863.6101	2,126,724.8738
Jackson2	44 11 00	90 21 00	TM 9627	56,890.2987	218,256.6812	4802	127,794.4621	1,876,683.0352	1,352,671.6665	1,614,254.0119	15	16,061,813.9116	2,335,324.5366
Jefferson1	43 09 00	88 56 00	TM 9628	611,498.3734	821,744.0131	4803	420,959.4530	2,253,137.7777	977,768.4925	1,990,582.5783	16	15,680,042.4516	1,124,666.6516
Jefferson2	42 53 00	88 37 00	TM 9628	514,300.8952	906,439.2262	4803	325,024.3932	2,339,244.9832	881,846.7016	2,076,659.6982	16	15,581,094.0639	1,207,273.8482
Juneau1	44 13 00	90 16 00	TM 9629	309,973.0953	413,081.7967	4803	808,056.6615	1,898,582.1058	1,364,736.6348	1,636,145.6509	15	16,074,677.2761	2,356,773.1560
Juneau2	43 40 00	89 51 00	TM 9629	109,392.8220	522,693.2368	4803	607,489.0419	2,008,189.5117	1,164,243.9173	1,745,709.2442	16	15,875,292.4523	886,559.4774

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Kenosha1	42 38 00	88 08 00	TM 9630	151,944.7476	545,711.5068	4803	236,456.5662	2,470,803.0309	793,264.0171	2,208,173.9945	16	15,487,898.5032	1,335,548.4211
Kenosha2	42 31 00	87 51 00	TM 9630	109,336.8859	621,982.9654	4803	195,786.2792	2,548,125.8726	752,569.6192	2,285,474.1797	16	15,444,502.4199	1,411,339.4085
Kewaunee1	44 38 00	87 42 00	TM 9631	498,248.8818	222,949.9110	4802	300,126.2853	2,567,143.9132	1,524,908.0180	2,304,550.2427	16	16,215,380.9018	1,458,259.9795
Kewaunee2	44 21 00	87 33 00	TM 9631	394,915.0834	262,000.0056	4802	198,023.3916	2,609,290.3514	1,422,789.4929	2,346,680.4260	16	16,111,827.4974	1,496,598.9372
LaCrosse1	44 02 00	91 15 00	TM 9632	212,248.0052	445,533.6097	4803	743,573.9945	1,639,769.7527	1,300,307.8027	1,377,419.1778	15	16,000,833.6494	2,100,477.7221
LaCrosse2	43 46 00	90 58 00	TM 9632	115,223.9992	520,463.2582	4803	645,383.7801	1,713,151.2781	1,202,135.3336	1,450,768.4564	15	15,905,370.9312	2,177,357.0264
Lafayette1	42 46 00	90 22 00	LCC 9633	197,858.6891	416,269.6008	4803	279,645.3517	1,870,039.0875	836,511.5677	1,607,610.7893	15	15,545,465.0582	2,347,288.8904
Lafayette2	42 32 00	89 53 00	LCC 9633	112,376.9351	546,020.0481	4803	194,409.9436	1,999,947.5429	751,314.0168	1,737,466.8533	16	15,462,646.3035	863,530.9889
Langlade1	45 26 00	89 23 00	LCC 9634	447,371.8932	561,139.4762	4802	583,920.6858	2,126,810.9550	1,808,641.4205	1,864,284.3451	16	16,515,233.3021	1,028,800.1584
Langlade2	45 09 00	88 42 00	LCC 9634	344,037.7979	737,007.6415	4802	482,697.4826	2,303,879.3291	1,707,462.8093	2,041,308.7836	16	16,407,511.3116	1,201,979.6404
Lincoln1	45 31 00	90 00 00	TM 9635	245,231.4617	312,636.4651	4802	613,705.7098	1,968,500.0000	1,838,408.8076	1,706,033.3333	15	16,550,907.1720	2,409,146.8862
Lincoln2	45 09 00	89 27 00	TM 9635	111,541.8233	454,106.4962	4802	480,493.4140	2,110,396.2308	1,705,248.6858	1,847,880.6758	16	16,412,479.8683	1,008,551.9381
Manitowoc1	44 18 00	87 37 00	TM 9636	376,693.6711	244,545.3568	4803	847,243.1421	2,592,438.9505	1,404,054.0060	2,329,777.5136	16	16,093,730.7543	1,479,029.4381
Manitowoc2	43 57 00	87 59 00	TM 9636	249,391.0630	147,872.8806	4803	717,154.0538	2,499,554.2264	1,273,935.7396	2,236,942.5562	16	15,967,124.9616	1,381,545.1320
Marathon1	45 05 00	90 09 00	LCC 9637	247,355.2764	146,837.5634	4802	455,742.3993	1,929,755.8557	1,680,504.1447	1,667,302.6209	15	16,391,567.2984	2,376,299.7160
Marathon2	44 42 00	89 17 00	LCC 9637	107,734.6563	371,554.5290	4802	316,774.3964	2,154,841.9996	1,541,581.1084	1,892,313.4424	16	16,247,215.5027	1,046,917.8857
Marinette1	45 41 00	88 21 00	TM 9638	362,238.3196	619,702.5879	4802	678,765.4237	2,390,211.5032	1,903,501.9555	2,127,586.9595	16	16,600,199.2680	1,295,508.8004
Marinette2	45 00 00	87 40 00	TM 9638	112,422.5834	794,497.3138	4802	433,995.1238	2,571,976.9892	1,658,786.0734	2,309,386.5591	16	16,348,938.9477	1,468,030.0925
Marquette1	43 57 00	89 34 00	LCC 9639	312,044.2007	409,403.6973	4803	711,028.6779	2,082,621.4362	1,267,749.2153	1,820,112.1414	16	15,976,090.7056	964,710.7354
Marquette2	43 41 00	89 17 00	LCC 9639	214,667.7573	483,977.1508	4803	614,342.9771	2,158,073.2244	1,171,099.5778	1,895,543.7881	16	15,876,726.1327	1,036,620.6953
Menominee1	45 05 00	88 56 00	TM 9672	134,117.0777	212,535.9970	4802	457,516.1121	2,244,006.1486	1,682,283.8007	1,981,451.7131	16	16,384,566.7559	1,141,220.9496
Menominee2	44 52 00	88 31 00	TM 9672	54,706.6773	320,070.8058	4802	380,226.1722	2,353,058.3082	1,605,013.5945	2,090,482.2558	16	16,303,306.5230	1,247,328.4303
Milwaukee1	43 10 00	88 02 00	TM 9640	346,273.9601	572,943.7403	4803	431,400.1793	2,493,123.3124	988,188.7683	2,230,533.1859	16	15,681,862.7807	1,364,834.5699
Milwaukee2	42 53 00	87 52 00	TM 9640	242,972.9043	617,445.4169	4803	329,262.7405	2,540,215.1545	886,044.6659	2,277,607.4800	16	15,578,130.1468	1,408,218.0531
Monroe1	44 07 00	90 53 00	LCC 9641	442,610.3768	607,529.0199	4803	772,717.6573	1,736,514.7372	1,329,427.0715	1,474,138.6726	15	16,033,462.7159	2,196,092.1583
Monroe2	43 46 00	90 22 00	LCC 9641	315,044.7495	743,650.9797	4803	644,116.6522	1,871,641.7310	1,200,860.0454	1,609,208.9011	15	15,909,836.8712	2,335,802.8305
Oconto1	45 20 00	88 37 00	TM 9642	342,111.5488	417,827.2638	4802	549,887.4715	2,324,237.3299	1,774,639.8567	2,061,654.9929	16	16,473,890.3182	1,224,810.7814
Oconto2	44 43 00	88 02 00	TM 9642	116,489.6270	567,504.8543	4802	328,218.4319	2,479,666.6235	1,553,007.9315	2,217,074.9226	16	16,246,672.7017	1,371,903.7237
Oneida1	45 51 00	89 59 00	LCC 9643	242,405.0509	118,150.4380	4801	249,173.5775	1,972,747.0003	1,959,910.1813	1,710,278.8020	16	16,672,245.0855	880,487.5666
Oneida2	45 30 00	89 07 00	LCC 9643	114,755.7221	339,700.0162	4801	122,807.9260	2,195,005.7192	1,833,578.8631	1,932,450.0843	16	16,537,616.7783	1,097,872.5051

# COORDINATE TEST DATA

County Test Point	Latitude DD MM SS	Longitude DD MM SS	WISCRS Zone	WISCRS northing sFT	WISCRS easting sFT	SPC Zone	SPC northing sFT	SPC easting sFT	WTM northing sFT	WTM easting sFT	UTM Zone	UTM northing sFT	UTM easting sFT
Outagamie1	44 34 00	88 42 00	TM 9644	673,428.7338	750,873.3570	4802	270,055.5614	2,307,283.8099	1,494,866.6665	2,044,711.7504	16	16,194,914.9243	1,197,529.0566
Outagamie2	44 17 00	88 14 00	TM 9644	570,181.1443	872,838.7182	4802	169,084.9231	2,431,128.8735	1,393,896.4161	2,168,518.4276	16	16,089,477.0488	1,317,550.4110
Ozaukee1	43 31 00	88 00 00	TM 9645	473,838.8302	581,998.5602	4803	559,141.1513	2,498,954.2338	1,115,927.4812	2,236,366.6807	16	15,809,279.4940	1,375,252.1495
Ozaukee2	43 13 00	87 55 00	TM 9645	364,468.9458	604,075.8393	4803	450,373.5980	2,523,783.4995	1,007,159.3561	2,261,194.8664	16	15,699,717.8343	1,396,148.3649
Pepin1	44 40 00	91 43 00	LCC 9646	293,803.6278	682,984.2581	4802	308,520.5366	1,521,916.4804	1,533,316.1539	1,259,570.8091	15	16,229,374.8777	1,974,179.6233
Pepin2	44 28 00	92 10 00	LCC 9646	220,474.7090	565,955.0388	4802	238,433.3890	1,402,930.6025	1,463,218.2443	1,140,601.1925	15	16,154,968.6302	1,857,889.6785
Pierce1	44 50 00	92 43 00	LCC 9647	354,534.2334	423,161.8997	4802	376,348.8191	1,263,882.3091	1,601,134.3854	1,001,522.6140	15	16,287,615.5841	1,713,893.0493
Pierce2	44 35 00	92 11 00	LCC 9647	263,007.1960	561,580.4831	4802	281,066.5010	1,399,724.5300	1,505,851.1795	1,137,388.3263	15	16,197,441.5008	1,853,115.2344
Polk1	45 37 00	92 46 00	TM 9648	348,452.1982	430,879.3869	4802	662,229.9216	1,260,647.8147	1,887,074.0945	998,350.1587	15	16,573,078.5279	1,700,101.2567
Polk2	45 14 00	92 13 00	TM 9648	208,919.2621	572,350.9951	4802	518,190.0503	1,397,511.1266	1,742,980.6215	1,135,180.1513	15	16,434,251.0446	1,842,147.0355
Portage1	44 40 00	89 49 00	LCC 9649	255,364.2548	102,606.1758	4802	303,853.7877	2,016,196.8977	1,528,667.2912	1,753,713.7038	16	16,239,410.0800	907,868.9749
Portage2	44 16 00	89 16 00	LCC 9649	109,457.5777	246,126.9633	4802	158,843.7535	2,160,602.0355	1,383,701.5274	1,898,061.8786	16	16,089,174.1642	1,046,870.1326
Price1	45 57 00	90 38 00	TM 9650	508,510.1451	711,254.8443	4801	286,280.0654	1,807,406.4573	1,997,001.1194	1,544,994.9816	15	16,703,429.9501	2,242,186.4978
Price2	45 25 00	90 05 00	TM 9650	314,247.4832	852,154.0545	4801	91,172.7670	1,947,099.2177	1,801,970.9966	1,684,641.7623	15	16,513,671.6987	2,389,117.3555
Racine1	42 49 00	88 15 00	TM 9651	218,874.4244	514,596.1098	4803	302,578.7002	2,438,011.6967	859,386.2095	2,175,404.7635	16	15,555,132.7495	1,305,153.3481
Racine2	42 41 00	87 50 00	TM 9651	170,083.1359	626,432.7227	4803	256,625.7569	2,551,039.9557	813,405.3021	2,288,411.1672	16	15,505,175.9445	1,416,428.9454
Richland1	43 31 00	90 39 00	LCC 9652	511,391.5928	605,785.5394	4803	553,451.5013	1,796,087.5902	1,110,225.9380	1,533,676.6678	15	15,816,487.9398	2,263,560.9120
Richland2	43 13 00	90 14 00	LCC 9652	402,022.8655	716,577.5969	4803	443,523.7181	1,906,301.8588	1,000,333.1133	1,643,856.1064	15	15,710,573.5583	2,377,679.0699
Rock1	42 49 00	89 20 00	TM 9653	317,989.4741	409,937.2450	4803	298,366.8762	2,147,372.8232	855,220.6367	1,884,839.6449	16	15,561,310.5210	1,014,582.2112
Rock2	42 32 00	88 49 00	TM 9653	214,718.8075	548,884.2691	4803	196,651.1102	2,287,457.3339	753,518.2627	2,024,861.0091	16	15,454,672.4103	1,150,944.6819
Rusk1	45 37 00	91 31 00	TM 9654	619,144.1694	706,842.2509	4802	653,794.6598	1,580,408.0307	1,878,528.3881	1,318,084.3838	15	16,576,502.1560	2,019,839.3044
Rusk2	45 24 00	90 43 00	TM 9654	540,007.8144	911,911.4408	4802	571,977.7147	1,784,410.3528	1,796,704.6481	1,522,011.7700	15	16,502,338.9494	2,226,716.1650
StCroix1	45 11 00	92 43 00	TM 9655	418,281.1618	521,511.0898	4802	503,882.2679	1,268,150.5023	1,728,695.3397	1,005,803.2297	15	16,415,176.4225	1,713,446.9377
StCroix2	44 54 00	92 11 00	TM 9655	315,283.9231	659,614.2604	4802	396,471.3464	1,402,828.1626	1,621,258.8216	1,140,485.4662	15	16,312,848.3995	1,851,957.2546
Sauk1	43 37 00	90 15 00	TM 9656	290,786.2706	516,305.5032	4803	589,327.7645	1,902,296.2384	1,146,089.0597	1,639,851.9461	15	15,856,179.5598	2,368,425.7253
Sauk2	43 17 00	89 47 00	TM 9656	169,106.2644	640,068.3102	4803	467,809.6109	2,026,192.2935	1,024,610.9775	1,763,706.3919	16	15,735,012.5617	899,521.8895
Sawyer1	46 07 00	91 30 00	LCC 9657	475,322.5136	613,777.1309	4801	350,005.0186	1,588,129.0004	2,060,703.6305	1,325,772.8771	15	16,758,836.9639	2,020,677.1229
Sawyer2	45 40 00	90 43 00	LCC 9657	311,237.5914	813,272.6634	4801	183,148.5406	1,785,278.2693	1,893,902.6997	1,522,879.4602	15	16,599,535.7876	2,223,950.3715
Shawano1	45 00 00	89 12 00	TM 9658	351,984.1886	707,222.1886	4802	426,343.6512	2,175,431.5237	1,651,117.6623	1,912,897.2256	16	16,355,954.4411	1,071,540.7892
Shawano2	44 37 00	88 18 00	TM 9658	211,804.1536	940,569.9568	4802	290,205.1523	2,411,129.9704	1,515,003.3589	2,148,541.2678	16	16,211,221.7157	1,302,028.5534

# COORDINATE TEST DATA

County Test Point	Latitude DD MM SS	Longitude DD MM SS	WISCRS Zone	WISCRS northing sFT	WISCRS easting sFT	SPC Zone	SPC northing sFT	SPC easting sFT	WTM northing sFT	WTM easting sFT	UTM Zone	UTM northing sFT	UTM easting sFT
Sheboygan1	43 52 00	88 07 00	TM 9659	219,225.0756	112,548.4317	4803	685,963.6823	2,465,135.4023	1,242,739.8838	2,202,533.0989	16	15,937,205.4737	1,346,033.2646
Sheboygan2	43 35 00	87 49 00	TM 9659	115,542.3133	191,337.6253	4803	584,651.7457	2,546,932.4055	1,141,442.0649	2,284,343.6788	16	15,833,039.9809	1,424,104.4083
Taylor1	45 20 00	90 52 00	LCC 9660	410,439.2288	515,408.8252	4802	548,046.7271	1,745,621.8712	1,772,784.7997	1,483,234.0883	15	16,476,982.7791	2,188,844.4944
Taylor2	45 04 00	90 16 00	LCC 9660	313,043.0986	669,986.4030	4802	449,743.2394	1,899,601.6513	1,674,507.3129	1,637,158.7163	15	16,384,452.7226	2,346,381.2261
Trempealeau1	44 33 00	91 29 00	TM 9661	506,333.7985	812,583.8828	4802	264,799.3610	1,581,832.9893	1,489,607.0438	1,319,482.0536	15	16,187,899.9519	2,035,654.5266
Trempealeau2	44 00 00	91 22 00	TM 9661	305,797.7230	842,999.9995	4802	63,787.1416	1,608,867.6347	1,288,648.0346	1,346,546.9624	15	15,988,057.3160	2,070,047.3567
Vernon1	43 42 00	91 13 00	LCC 9662	201,798.0845	615,393.8827	4803	621,950.5559	1,646,762.4779	1,178,713.4071	1,384,394.6244	15	15,879,556.9706	2,111,861.6180
Vernon2	43 28 00	90 44 00	LCC 9662	116,446.5270	743,275.0065	4803	535,411.3474	1,773,823.7057	1,092,191.4227	1,511,419.1063	15	15,797,655.6971	2,241,959.2930
Vilas1	46 16 00	89 54 00	LCC 9663	234,281.3444	337,013.8763	4801	401,128.3110	1,993,790.6995	2,111,811.8550	1,731,315.2669	16	16,823,341.6010	907,254.0582
Vilas2	45 55 00	89 04 00	LCC 9663	106,652.1539	548,474.0596	4801	274,878.5482	2,206,040.8910	1,985,600.1555	1,943,495.0617	16	16,689,157.4387	1,114,611.3364
Walworth1	42 49 00	88 43 00	LCC 9664	418,162.8023	716,042.7985	4803	300,301.4434	2,312,820.2602	857,133.7730	2,050,237.1221	16	15,557,335.6569	1,179,985.8549
Walworth2	42 31 00	88 21 00	LCC 9664	308,832.0059	814,677.2142	4803	192,714.8383	2,413,349.4171	749,548.4976	2,150,716.7091	16	15,446,251.0050	1,276,586.2829
Washburn1	46 08 00	92 01 00	LCC 9665	680,827.8392	708,839.2983	4801	358,981.0478	1,457,291.1675	2,069,677.0112	1,194,950.2637	15	16,762,866.2948	1,889,623.9606
Washburn2	45 40 00	91 35 00	LCC 9665	510,620.8928	819,136.2404	4801	186,356.5394	1,563,729.1213	1,897,083.0218	1,301,391.9484	15	16,594,418.5567	2,002,464.4226
Washington1	43 31 00	88 23 00	TM 9666	218,358.9835	309,257.8160	4803	556,936.2987	2,397,298.0882	1,113,717.6948	2,134,717.8468	16	15,810,735.4157	1,273,604.8412
Washington2	43 13 00	88 05 00	TM 9666	108,842.7744	388,816.3023	4803	449,308.1369	2,479,368.9831	1,006,097.3106	2,216,780.8416	16	15,700,248.6788	1,351,735.6337
Waukesha1	43 10 00	88 30 00	TM 9667	217,796.5888	611,627.9602	4803	428,812.4820	2,368,651.9413	985,612.1010	2,106,073.4387	16	15,683,745.4343	1,240,376.5613
Waukesha2	42 52 00	88 07 00	TM 9667	108,347.6773	714,045.1804	4803	321,576.3451	2,473,366.6123	878,373.9422	2,210,760.0513	16	15,572,847.0001	1,341,156.5829
Waupaca1	44 38 00	89 12 00	TM 9668	442,459.5915	507,204.3101	4802	292,673.6347	2,176,748.4443	1,517,486.8995	1,914,212.4273	16	16,222,323.0213	1,067,922.4156
Waupaca2	44 15 00	88 46 00	TM 9668	302,472.9042	620,102.2253	4802	154,354.5609	2,291,664.9446	1,379,196.5718	2,029,082.1274	16	16,079,882.5258	1,177,670.0541
Waushara1	44 13 00	89 33 00	LCC 9669	185,466.9411	313,156.9296	4803	808,263.2219	2,086,486.0749	1,364,946.1954	1,823,968.8203	16	16,073,131.2482	972,109.4146
Waushara2	44 01 00	88 55 00	LCC 9669	112,571.7812	479,500.8335	4803	736,885.6167	2,253,481.1334	1,293,614.2700	1,990,911.8840	16	15,995,735.0913	1,136,398.4726
Winnebago1	44 13 00	88 50 00	TM 9670	545,940.4818	715,602.9289	4803	810,084.6803	2,274,381.3290	1,366,794.2662	2,011,792.5257	16	16,068,118.2847	1,159,936.5256
Winnebago2	43 56 00	88 32 00	TM 9670	442,474.0949	794,218.4937	4803	708,054.4019	2,354,845.8454	1,264,806.7670	2,092,255.6026	16	15,963,259.0590	1,236,638.6805
Wood1	44 39 00	90 17 00	LCC 9671	546,478.8755	610,257.6650	4802	297,852.5151	1,894,765.4994	1,522,667.7943	1,632,324.3737	15	16,232,452.5074	2,347,159.0778
Wood2	44 17 00	89 46 00	LCC 9671	412,756.4094	745,109.6725	4802	164,140.0737	2,029,606.6630	1,389,004.1207	1,767,116.0170	16	16,099,264.7556	916,143.1737

## Purpose of Data

The purpose of these test data is to provide coordinate values in each Wisconsin county that vendors can use to test their NAD 83 software conversion routines between the various NAD 83 based coordinate systems used in Wisconsin.

## Abbreviations Used

**DD MM SS** = Degrees, Minutes, Seconds

**sFT** = US survey feet

**WISCRS** = Wisconsin Coordinate Reference Systems (developed for the State of Wisconsin on the GRS 80 ellipsoid)

TM = Transverse Mercator projection

LCC = Lambert conformal conic projection

96xx = County Zone numbers per WisDOT county numbering of 01 for Adams County ... 72 for Menominee County.

(The WisDOT and WisDNR numbering systems for counties are not the same.)

**SPC** = Wisconsin State Plane Coordinate System of 1983 (developed by NGS, NOAA Manual NOS NGS 5, Stem 1989)

4801 = North Zone

4802 = Central Zone

4803 = South Zone

**WTM** = Wisconsin Transverse Mercator System of 1983 (developed by WisDNR and frequently termed WTM91)

**UTM** = Universal Transverse Mercator Coordinate System (developed by the US Army, Corps of Engineers in ~1940)

(UTM zones in Wisconsin are either Zone 15 or Zone 16.)

(UTM projections may be based on various datums including WGS 84, NAD 83, and others.)

Data for all four of the above listed systems are based on the NAD 83 reference frame.

(The term "reference frame" replaces the previously-used term "horizontal datum.")

**WISCRS** projection parameters are available from the European Petroleum Survey Group (EPSG) and from the [Wisconsin Coordinate Reference Systems, Second Edition](#), published in 2009 by the State Cartographer's Office. Each WISCRS LCC projection specifies a single central parallel of latitude. WISCRS should not be confused with the Wisconsin County Coordinate System (WCCS) that uses two standard parallels of latitude for LCC projections and uses modified ellipsoids, not the GRS 80 ellipsoid.

## Notes

1. Two points were randomly selected in each county within approximately 5 miles of the NW and SE corners or the NE and SW corners of the county.
2. Listed latitude and longitude values are exact for conversion purposes.
3. Differences of 0.0001 foot might occur between values computed by different software due to round-off error.
4. These test data were computed by the WSRS2022 Task Force, Technical Focus Group, in April 2021.