

49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

Listing below provides the official geographical coordinates of the boundary points for the 49th Parallel (Manitoba/North Dakota) section. They are provided in the same datum as they were originally published with reference to the source.

NAD27			
Point	Latitude	Longitude	Source
MON 672	N 48° 59' 58.05"	W 101° 18' 06.82"	SPECIAL REPORT, 1937
SITE MON 672B	N 48° 59' 58.06"	W 101° 17' 44.24"	JAR 1966
SITE MON 672A-66	N 48° 59' 58.06"	W 101° 17' 46.58"	JAR 1966
MON 673	N 48° 59' 58.07"	W 101° 16' 06.66"	SPECIAL REPORT, 1937
MON 674	N 48° 59' 58.09"	W 101° 14' 08.93"	SPECIAL REPORT, 1937
MON 675	N 48° 59' 58.12"	W 101° 12' 20.73"	SPECIAL REPORT, 1937
MON 676	N 48° 59' 58.17"	W 101° 10' 10.56"	SPECIAL REPORT, 1937
MON 677	N 48° 59' 58.20"	W 101° 08' 22.17"	SPECIAL REPORT, 1937
MON 678	N 48° 59' 58.24"	W 101° 06' 12.48"	SPECIAL REPORT, 1937
MON 679	N 48° 59' 58.28"	W 101° 04' 07.48"	SPECIAL REPORT, 1937
MON 680	N 48° 59' 58.31"	W 101° 02' 14.47"	SPECIAL REPORT, 1937
MON 680A	N 48° 59' 58.34"	W 101° 01' 03.90"	JAR 1938
MON 680B	N 48° 59' 58.34"	W 101° 01' 00.65"	JAR 1938
MON 681	N 48° 59' 58.35"	W 101° 00' 17.13"	SPECIAL REPORT, 1937
MON 682	N 48° 59' 58.39"	W 100° 58' 17.44"	SPECIAL REPORT, 1937
MON 683	N 48° 59' 58.38"	W 100° 56' 07.63"	SPECIAL REPORT, 1937
MON 684	N 48° 59' 58.38"	W 100° 54' 42.34"	SPECIAL REPORT, 1937
MON 685	N 48° 59' 58.32"	W 100° 52' 58.66"	SPECIAL REPORT, 1937
MON 686	N 48° 59' 58.25"	W 100° 51' 13.50"	SPECIAL REPORT, 1937
MON 687	N 48° 59' 58.20"	W 100° 49' 00.80"	SPECIAL REPORT, 1937
MON 688	N 48° 59' 58.14"	W 100° 46' 47.15"	SPECIAL REPORT, 1937
MON 689	N 48° 59' 58.10"	W 100° 45' 11.08"	SPECIAL REPORT, 1937
MON 690	N 48° 59' 58.06"	W 100° 43' 34.83"	SPECIAL REPORT, 1937
MON 691	N 48° 59' 57.98"	W 100° 41' 03.57"	SPECIAL REPORT, 1937
MON 692	N 48° 59' 57.91"	W 100° 38' 32.32"	SPECIAL REPORT, 1937
MON 693	N 48° 59' 57.87"	W 100° 36' 45.82"	SPECIAL REPORT, 1937
MON 694	N 48° 59' 57.83"	W 100° 34' 59.89"	SPECIAL REPORT, 1937
MON 695	N 48° 59' 57.79"	W 100° 33' 24.33"	SPECIAL REPORT, 1937
MON 695A	N 48° 59' 57.79"	W 100° 33' 21.12"	JAR 1938
MON 695B	N 48° 59' 57.79"	W 100° 33' 19.39"	JAR 1938
MON 696	N 48° 59' 57.75"	W 100° 31' 34.62"	SPECIAL REPORT, 1937
MON 697	N 48° 59' 57.73"	W 100° 30' 45.08"	SPECIAL REPORT, 1937
MON 698	N 48° 59' 57.67"	W 100° 28' 13.58"	SPECIAL REPORT, 1937
MON 699	N 48° 59' 57.65"	W 100° 25' 46.44"	SPECIAL REPORT, 1937
MON 700	N 48° 59' 57.61"	W 100° 24' 19.61"	SPECIAL REPORT, 1937
MON 701	N 48° 59' 57.55"	W 100° 21' 59.22"	SPECIAL REPORT, 1937
MON 702	N 48° 59' 57.53"	W 100° 21' 04.56"	SPECIAL REPORT, 1937

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NAD27			
Point	Latitude	Longitude	Source
MON 703	N 48° 59' 57.53"	W 100° 19' 48.30"	SPECIAL REPORT, 1937
MON 704	N 48° 59' 57.53"	W 100° 18' 18.45"	SPECIAL REPORT, 1937
MON 705	N 48° 59' 57.48"	W 100° 15' 41.24"	SPECIAL REPORT, 1937
MON 706	N 48° 59' 57.45"	W 100° 14' 33.62"	SPECIAL REPORT, 1937
MON 707	N 48° 59' 57.44"	W 100° 11' 48.29"	SPECIAL REPORT, 1937
MON 708	N 48° 59' 57.43"	W 100° 10' 27.84"	SPECIAL REPORT, 1937
MON 709	N 48° 59' 57.40"	W 100° 08' 13.68"	SPECIAL REPORT, 1937
MON 710	N 48° 59' 57.38"	W 100° 06' 33.58"	SPECIAL REPORT, 1937
MON 711	N 48° 59' 57.34"	W 100° 04' 02.09"	SPECIAL REPORT, 1937
MON 711A	N 48° 59' 57.33"	W 100° 03' 07.72"	SPECIAL REPORT, 1937
MON 711B	N 48° 59' 57.33"	W 100° 03' 06.23"	SPECIAL REPORT, 1937
MON 712	N 48° 59' 57.30"	W 100° 01' 38.55"	SPECIAL REPORT, 1937
MON 713	N 48° 59' 57.25"	W 99° 59' 47.28"	SPECIAL REPORT, 1937
MON 714	N 48° 59' 57.24"	W 99° 58' 37.53"	SPECIAL REPORT, 1937
MON 715	N 48° 59' 57.19"	W 99° 55' 52.95"	SPECIAL REPORT, 1937
MON 716	N 48° 59' 57.16"	W 99° 54' 17.01"	SPECIAL REPORT, 1937
MON 717	N 48° 59' 57.12"	W 99° 52' 22.56"	SPECIAL REPORT, 1937
MON 718	N 48° 59' 57.08"	W 99° 50' 41.11"	SPECIAL REPORT, 1937
MON 719	N 48° 59' 57.05"	W 99° 49' 04.72"	SPECIAL REPORT, 1937
MON 720	N 48° 59' 56.99"	W 99° 46' 43.14"	SPECIAL REPORT, 1937
MON 721	N 48° 59' 57.06"	W 99° 45' 23.50"	SPECIAL REPORT, 1937
MON 722	N 48° 59' 57.13"	W 99° 44' 06.64"	SPECIAL REPORT, 1937
MON 723	N 48° 59' 57.26"	W 99° 41' 53.53"	SPECIAL REPORT, 1937
MON 723A	N 48° 59' 57.40"	W 99° 39' 31.31"	JAR 1938
MON 724	N 48° 59' 57.40"	W 99° 39' 29.27"	SPECIAL REPORT, 1937
MON 725	N 48° 59' 57.53"	W 99° 37' 04.90"	SPECIAL REPORT, 1937
MON 726	N 48° 59' 57.64"	W 99° 35' 06.37"	SPECIAL REPORT, 1937
MON 727	N 48° 59' 57.72"	W 99° 33' 36.98"	SPECIAL REPORT, 1937
MON 728	N 48° 59' 57.79"	W 99° 32' 25.05"	SPECIAL REPORT, 1937
MON 729	N 48° 59' 57.90"	W 99° 30' 33.12"	SPECIAL REPORT, 1937
MON 730	N 48° 59' 57.99"	W 99° 28' 51.62"	SPECIAL REPORT, 1937
MON 731	N 48° 59' 58.09"	W 99° 27' 09.96"	SPECIAL REPORT, 1937
MON 732	N 48° 59' 58.19"	W 99° 25' 26.10"	SPECIAL REPORT, 1937
MON 733	N 48° 59' 58.29"	W 99° 23' 38.48"	SPECIAL REPORT, 1937
MON 734	N 48° 59' 58.40"	W 99° 21' 43.82"	SPECIAL REPORT, 1937
MON 734B-66	N 48° 59' 58.46"	W 99° 20' 45.98"	JAR 1966
MON 735	N 48° 59' 58.51"	W 99° 19' 40.14"	SPECIAL REPORT, 1937
MON 736	N 48° 59' 58.59"	W 99° 19' 15.89"	SPECIAL REPORT, 1937
MON 737	N 48° 59' 58.69"	W 99° 17' 45.45"	SPECIAL REPORT, 1937
MON 738	N 48° 59' 58.79"	W 99° 16' 17.06"	SPECIAL REPORT, 1937

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NAD27			
Point	Latitude	Longitude	Source
MON 739	N 48° 59' 58.88"	W 99° 14' 46.96"	SPECIAL REPORT, 1937
MON 740	N 48° 59' 58.96"	W 99° 13' 29.64"	SPECIAL REPORT, 1937
MON 741	N 48° 59' 59.03"	W 99° 12' 10.68"	SPECIAL REPORT, 1937
MON 742	N 48° 59' 59.11"	W 99° 10' 40.53"	SPECIAL REPORT, 1937
MON 743	N 48° 59' 59.18"	W 99° 09' 42.75"	SPECIAL REPORT, 1937
MON 744	N 48° 59' 59.33"	W 99° 07' 31.88"	SPECIAL REPORT, 1937
MON 745	N 48° 59' 59.47"	W 99° 05' 41.21"	SPECIAL REPORT, 1937
MON 746	N 48° 59' 59.56"	W 99° 04' 15.34"	SPECIAL REPORT, 1937
MON 747	N 48° 59' 59.64"	W 99° 02' 59.29"	SPECIAL REPORT, 1937
MON 748	N 48° 59' 59.65"	W 99° 02' 48.02"	SPECIAL REPORT, 1937
MON 749	N 48° 59' 59.74"	W 99° 01' 28.71"	SPECIAL REPORT, 1937
MON 750	N 48° 59' 59.80"	W 99° 00' 35.44"	SPECIAL REPORT, 1937
MON 751	N 48° 59' 59.82"	W 99° 00' 06.57"	SPECIAL REPORT, 1937
MON 752	N 48° 59' 59.91"	W 98° 58' 47.15"	SPECIAL REPORT, 1937
MON 753	N 49° 00' 00.04"	W 98° 57' 27.78"	SPECIAL REPORT, 1937
MON 753A	N 49° 00' 00.10"	W 98° 56' 16.63"	JAR 1966
MON 754	N 49° 00' 00.11"	W 98° 56' 08.37"	SPECIAL REPORT, 1937
MON 754A	N 49° 00' 00.11"	W 98° 56' 04.22"	JAR 1938
MON 755	N 49° 00' 00.19"	W 98° 54' 49.10"	SPECIAL REPORT, 1937
MON 756	N 49° 00' 00.23"	W 98° 53' 29.83"	SPECIAL REPORT, 1937
MON 757	N 49° 00' 00.25"	W 98° 52' 10.33"	SPECIAL REPORT, 1937
MON 758	N 49° 00' 00.27"	W 98° 50' 50.85"	SPECIAL REPORT, 1937
MON 759	N 49° 00' 00.30"	W 98° 49' 31.38"	SPECIAL REPORT, 1937
MON 760	N 49° 00' 00.32"	W 98° 48' 12.00"	SPECIAL REPORT, 1937
MON 761	N 49° 00' 00.35"	W 98° 46' 52.58"	SPECIAL REPORT, 1937
MON 762	N 49° 00' 00.38"	W 98° 45' 36.31"	SPECIAL REPORT, 1937
MON 763	N 49° 00' 00.42"	W 98° 44' 13.62"	SPECIAL REPORT, 1937
MON 764	N 49° 00' 00.45"	W 98° 42' 54.35"	SPECIAL REPORT, 1937
MON 765	N 49° 00' 00.47"	W 98° 41' 40.05"	SPECIAL REPORT, 1937
MON 765A-66	N 49° 00' 00.47"	W 98° 41' 36.15"	JAR 1966
MON 766	N 49° 00' 00.50"	W 98° 40' 13.08"	SPECIAL REPORT, 1937
MON 767	N 49° 00' 00.51"	W 98° 38' 55.93"	SPECIAL REPORT, 1937
MON 768	N 49° 00' 00.56"	W 98° 37' 36.75"	SPECIAL REPORT, 1937
MON 769	N 49° 00' 00.60"	W 98° 36' 17.43"	SPECIAL REPORT, 1937
MON 770	N 49° 00' 00.61"	W 98° 34' 58.00"	SPECIAL REPORT, 1937
MON 771	N 49° 00' 00.63"	W 98° 33' 38.57"	SPECIAL REPORT, 1937
MON 772	N 49° 00' 00.67"	W 98° 32' 19.07"	SPECIAL REPORT, 1937
MON 773	N 49° 00' 00.68"	W 98° 30' 59.76"	SPECIAL REPORT, 1937
MON 774	N 49° 00' 00.71"	W 98° 29' 39.44"	SPECIAL REPORT, 1937
MON 775	N 49° 00' 00.73"	W 98° 28' 21.00"	SPECIAL REPORT, 1937

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49th Parallel (Manitoba/North Dakota)
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	NAD27		
Point	Latitude	Longitude	Source
MON 776	N 49° 00' 00.76"	W 98° 27' 02.62"	SPECIAL REPORT, 1937
MON 777	N 49° 00' 00.77"	W 98° 25' 43.30"	SPECIAL REPORT, 1937
MON 778	N 49° 00' 00.82"	W 98° 24' 23.83"	SPECIAL REPORT, 1937
MON 779	N 49° 00' 00.83"	W 98° 23' 04.53"	SPECIAL REPORT, 1937
MON 779A	N 49° 00' 00.86"	W 98° 21' 53.46"	JAR 1938
MON 779B	N 49° 00' 00.86"	W 98° 21' 51.81"	JAR 1938
MON 779C	N 49° 00' 00.86"	W 98° 21' 49.94"	JAR 1938
MON 780	N 49° 00' 00.86"	W 98° 21' 45.22"	SPECIAL REPORT, 1937
MON 781	N 49° 00' 00.89"	W 98° 20' 25.89"	SPECIAL REPORT, 1937
MON 782	N 49° 00' 00.93"	W 98° 19' 06.35"	SPECIAL REPORT, 1937
MON 783	N 49° 00' 00.99"	W 98° 17' 47.07"	SPECIAL REPORT, 1937
MON 784	N 49° 00' 00.97"	W 98° 16' 27.64"	SPECIAL REPORT, 1937
MON 785	N 49° 00' 00.97"	W 98° 15' 18.13"	SPECIAL REPORT, 1937
MON 786	N 49° 00' 00.99"	W 98° 14' 45.74"	SPECIAL REPORT, 1937
MON 787	N 49° 00' 00.96"	W 98° 12' 36.90"	SPECIAL REPORT, 1937
MON 788	N 49° 00' 00.91"	W 98° 11' 11.04"	SPECIAL REPORT, 1937
MON 789	N 49° 00' 01.06"	W 98° 09' 51.83"	SPECIAL REPORT, 1937
MON 790	N 49° 00' 01.13"	W 98° 08' 32.59"	SPECIAL REPORT, 1937
MON 791	N 49° 00' 01.20"	W 98° 07' 13.17"	SPECIAL REPORT, 1937
MON 792	N 49° 00' 01.29"	W 98° 05' 53.92"	SPECIAL REPORT, 1937
MON 793	N 49° 00' 01.36"	W 98° 04' 34.86"	SPECIAL REPORT, 1937
MON 794	N 49° 00' 01.45"	W 98° 03' 15.51"	SPECIAL REPORT, 1937
MON 795	N 49° 00' 01.49"	W 98° 01' 54.71"	SPECIAL REPORT, 1937
MON 796	N 49° 00' 01.58"	W 98° 00' 36.90"	SPECIAL REPORT, 1937
MON 797	N 49° 00' 01.60"	W 97° 59' 18.12"	SPECIAL REPORT, 1937
MON 798	N 49° 00' 01.60"	W 97° 57' 58.42"	SPECIAL REPORT, 1937
MON 799	N 49° 00' 01.67"	W 97° 56' 37.01"	SPECIAL REPORT, 1937
MON 800	N 49° 00' 01.69"	W 97° 55' 19.72"	SPECIAL REPORT, 1937
MON 800A-63	N 49° 00' 01.72"	W 97° 54' 30.32"	JAR 1963
MON 800B-63	N 49° 00' 01.72"	W 97° 54' 28.93"	JAR 1963
MON 801	N 49° 00' 01.74"	W 97° 54' 00.18"	SPECIAL REPORT, 1937
MON 802	N 49° 00' 01.76"	W 97° 52' 40.70"	SPECIAL REPORT, 1937
MON 803	N 49° 00' 01.79"	W 97° 51' 21.87"	SPECIAL REPORT, 1937
MON 804	N 49° 00' 01.82"	W 97° 50' 01.94"	SPECIAL REPORT, 1937
MON 805	N 49° 00' 01.86"	W 97° 48' 50.23"	SPECIAL REPORT, 1937
MON 806	N 49° 00' 01.89"	W 97° 47' 23.27"	SPECIAL REPORT, 1937
MON 807	N 49° 00' 01.93"	W 97° 46' 04.04"	SPECIAL REPORT, 1937
MON 808	N 49° 00' 01.96"	W 97° 44' 40.23"	SPECIAL REPORT, 1937
MON 809	N 49° 00' 01.99"	W 97° 43' 25.36"	SPECIAL REPORT, 1937
MON 810	N 49° 00' 02.04"	W 97° 42' 06.09"	SPECIAL REPORT, 1937

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49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

	NAD27		
Point	Latitude	Longitude	Source
MON 811	N 49° 00' 02.04"	W 97° 40' 47.43"	SPECIAL REPORT, 1937
MON 812	N 49° 00' 02.01"	W 97° 39' 27.96"	SPECIAL REPORT, 1937
MON 813	N 49° 00' 02.01"	W 97° 38' 08.53"	SPECIAL REPORT, 1937
MON 814	N 49° 00' 01.97"	W 97° 36' 49.12"	SPECIAL REPORT, 1937
MON 815	N 49° 00' 01.96"	W 97° 35' 29.75"	SPECIAL REPORT, 1937
MON 816	N 49° 00' 01.93"	W 97° 34' 10.46"	SPECIAL REPORT, 1937
MON 816A-76	N 49° 00' 01.93"	W 97° 33' 25.07"	JAR 1976
MON 817	N 49° 00' 01.92"	W 97° 32' 51.06"	SPECIAL REPORT, 1937
MON 818	N 49° 00' 01.89"	W 97° 31' 31.78"	SPECIAL REPORT, 1937
MON 819	N 49° 00' 01.88"	W 97° 30' 12.52"	SPECIAL REPORT, 1937
MON 820	N 49° 00' 01.86"	W 97° 28' 53.28"	SPECIAL REPORT, 1937
MON 821	N 49° 00' 01.84"	W 97° 27' 34.06"	SPECIAL REPORT, 1937
MON 822	N 49° 00' 01.82"	W 97° 26' 14.74"	SPECIAL REPORT, 1937
MON 823	N 49° 00' 01.81"	W 97° 24' 55.42"	SPECIAL REPORT, 1937
MON 824	N 49° 00' 01.79"	W 97° 23' 36.05"	SPECIAL REPORT, 1937
MON 825	N 49° 00' 01.73"	W 97° 22' 16.73"	SPECIAL REPORT, 1937
MON 826	N 49° 00' 01.76"	W 97° 20' 57.42"	SPECIAL REPORT, 1937
MON 827	N 49° 00' 01.74"	W 97° 19' 38.22"	SPECIAL REPORT, 1937
MON 828	N 49° 00' 01.79"	W 97° 18' 19.02"	SPECIAL REPORT, 1937
MON 829	N 49° 00' 01.72"	W 97° 16' 59.82"	SPECIAL REPORT, 1937

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49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

Listing below provides the averaged value of the grid shifted conversion from NAD 27 coordinates to NAD 83 using both NTV2_100325 (Canada) and NADCON v4.2 (USA) conversion software.

	NAD83		
Point	Latitude	Longitude	Source
MON 672	N 48° 59' 58.1"	W 101° 18' 08.4"	Average NADCON/NTV2 grid shift
SITE MON 672B	N 48° 59' 58.1"	W 101° 17' 45.8"	Average NADCON/NTV2 grid shift
SITE MON 672A-66	N 48° 59' 58.1"	W 101° 17' 48.1"	Average NADCON/NTV2 grid shift
MON 673	N 48° 59' 58.1"	W 101° 16' 08.2"	Average NADCON/NTV2 grid shift
MON 674	N 48° 59' 58.2"	W 101° 14' 10.5"	Average NADCON/NTV2 grid shift
MON 675	N 48° 59' 58.2"	W 101° 12' 22.3"	Average NADCON/NTV2 grid shift
MON 676	N 48° 59' 58.2"	W 101° 10' 12.1"	Average NADCON/NTV2 grid shift
MON 677	N 48° 59' 58.3"	W 101° 08' 23.7"	Average NADCON/NTV2 grid shift
MON 678	N 48° 59' 58.3"	W 101° 06' 14.0"	Average NADCON/NTV2 grid shift
MON 679	N 48° 59' 58.4"	W 101° 04' 09.0"	Average NADCON/NTV2 grid shift
MON 680	N 48° 59' 58.4"	W 101° 02' 16.0"	Average NADCON/NTV2 grid shift
MON 680A	N 48° 59' 58.4"	W 101° 01' 05.5"	Average NADCON/NTV2 grid shift
MON 680B	N 48° 59' 58.4"	W 101° 01' 02.2"	Average NADCON/NTV2 grid shift
MON 681	N 48° 59' 58.4"	W 101° 00' 18.7"	Average NADCON/NTV2 grid shift
MON 682	N 48° 59' 58.5"	W 100° 58' 19.0"	Average NADCON/NTV2 grid shift
MON 683	N 48° 59' 58.5"	W 100° 56' 09.2"	Average NADCON/NTV2 grid shift
MON 684	N 48° 59' 58.4"	W 100° 54' 43.9"	Average NADCON/NTV2 grid shift
MON 685	N 48° 59' 58.4"	W 100° 53' 00.2"	Average NADCON/NTV2 grid shift
MON 686	N 48° 59' 58.3"	W 100° 51' 15.1"	Average NADCON/NTV2 grid shift
MON 687	N 48° 59' 58.3"	W 100° 49' 02.4"	Average NADCON/NTV2 grid shift
MON 688	N 48° 59' 58.2"	W 100° 46' 48.7"	Average NADCON/NTV2 grid shift
MON 689	N 48° 59' 58.2"	W 100° 45' 12.6"	Average NADCON/NTV2 grid shift
MON 690	N 48° 59' 58.1"	W 100° 43' 36.4"	Average NADCON/NTV2 grid shift
MON 691	N 48° 59' 58.0"	W 100° 41' 05.1"	Average NADCON/NTV2 grid shift
MON 692	N 48° 59' 58.0"	W 100° 38' 33.9"	Average NADCON/NTV2 grid shift
MON 693	N 48° 59' 57.9"	W 100° 36' 47.4"	Average NADCON/NTV2 grid shift
MON 694	N 48° 59' 57.9"	W 100° 35' 01.4"	Average NADCON/NTV2 grid shift
MON 695	N 48° 59' 57.9"	W 100° 33' 25.9"	Average NADCON/NTV2 grid shift
MON 695A	N 48° 59' 57.9"	W 100° 33' 22.7"	Average NADCON/NTV2 grid shift
MON 695B	N 48° 59' 57.9"	W 100° 33' 20.9"	Average NADCON/NTV2 grid shift
MON 696	N 48° 59' 57.8"	W 100° 31' 36.2"	Average NADCON/NTV2 grid shift
MON 697	N 48° 59' 57.8"	W 100° 30' 46.6"	Average NADCON/NTV2 grid shift
MON 698	N 48° 59' 57.7"	W 100° 28' 15.1"	Average NADCON/NTV2 grid shift
MON 699	N 48° 59' 57.7"	W 100° 25' 48.0"	Average NADCON/NTV2 grid shift
MON 700	N 48° 59' 57.7"	W 100° 24' 21.1"	Average NADCON/NTV2 grid shift
MON 701	N 48° 59' 57.6"	W 100° 22' 00.7"	Average NADCON/NTV2 grid shift
MON 702	N 48° 59' 57.6"	W 100° 21' 06.1"	Average NADCON/NTV2 grid shift

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Point	NAD83		Source
	Latitude	Longitude	
MON 703	N 48° 59' 57.6"	W 100° 19' 49.8"	Average NADCON/NTV2 grid shift
MON 704	N 48° 59' 57.6"	W 100° 18' 20.0"	Average NADCON/NTV2 grid shift
MON 705	N 48° 59' 57.5"	W 100° 15' 42.7"	Average NADCON/NTV2 grid shift
MON 706	N 48° 59' 57.5"	W 100° 14' 35.1"	Average NADCON/NTV2 grid shift
MON 707	N 48° 59' 57.5"	W 100° 11' 49.8"	Average NADCON/NTV2 grid shift
MON 708	N 48° 59' 57.5"	W 100° 10' 29.3"	Average NADCON/NTV2 grid shift
MON 709	N 48° 59' 57.4"	W 100° 08' 15.2"	Average NADCON/NTV2 grid shift
MON 710	N 48° 59' 57.4"	W 100° 06' 35.1"	Average NADCON/NTV2 grid shift
MON 711	N 48° 59' 57.4"	W 100° 04' 03.6"	Average NADCON/NTV2 grid shift
MON 711A	N 48° 59' 57.4"	W 100° 03' 09.2"	Average NADCON/NTV2 grid shift
MON 711B	N 48° 59' 57.4"	W 100° 03' 07.7"	Average NADCON/NTV2 grid shift
MON 712	N 48° 59' 57.3"	W 100° 01' 40.0"	Average NADCON/NTV2 grid shift
MON 713	N 48° 59' 57.3"	W 99° 59' 48.8"	Average NADCON/NTV2 grid shift
MON 714	N 48° 59' 57.3"	W 99° 58' 39.0"	Average NADCON/NTV2 grid shift
MON 715	N 48° 59' 57.2"	W 99° 55' 54.4"	Average NADCON/NTV2 grid shift
MON 716	N 48° 59' 57.2"	W 99° 54' 18.5"	Average NADCON/NTV2 grid shift
MON 717	N 48° 59' 57.2"	W 99° 52' 24.1"	Average NADCON/NTV2 grid shift
MON 718	N 48° 59' 57.1"	W 99° 50' 42.6"	Average NADCON/NTV2 grid shift
MON 719	N 48° 59' 57.1"	W 99° 49' 06.2"	Average NADCON/NTV2 grid shift
MON 720	N 48° 59' 57.0"	W 99° 46' 44.7"	Average NADCON/NTV2 grid shift
MON 721	N 48° 59' 57.1"	W 99° 45' 25.0"	Average NADCON/NTV2 grid shift
MON 722	N 48° 59' 57.2"	W 99° 44' 08.2"	Average NADCON/NTV2 grid shift
MON 723	N 48° 59' 57.3"	W 99° 41' 55.0"	Average NADCON/NTV2 grid shift
MON 723A	N 48° 59' 57.4"	W 99° 39' 32.8"	Average NADCON/NTV2 grid shift
MON 724	N 48° 59' 57.4"	W 99° 39' 30.8"	Average NADCON/NTV2 grid shift
MON 725	N 48° 59' 57.6"	W 99° 37' 06.4"	Average NADCON/NTV2 grid shift
MON 726	N 48° 59' 57.7"	W 99° 35' 07.9"	Average NADCON/NTV2 grid shift
MON 727	N 48° 59' 57.8"	W 99° 33' 38.5"	Average NADCON/NTV2 grid shift
MON 728	N 48° 59' 57.8"	W 99° 32' 26.6"	Average NADCON/NTV2 grid shift
MON 729	N 48° 59' 57.9"	W 99° 30' 34.6"	Average NADCON/NTV2 grid shift
MON 730	N 48° 59' 58.0"	W 99° 28' 53.1"	Average NADCON/NTV2 grid shift
MON 731	N 48° 59' 58.1"	W 99° 27' 11.5"	Average NADCON/NTV2 grid shift
MON 732	N 48° 59' 58.2"	W 99° 25' 27.6"	Average NADCON/NTV2 grid shift
MON 733	N 48° 59' 58.3"	W 99° 23' 40.0"	Average NADCON/NTV2 grid shift
MON 734	N 48° 59' 58.4"	W 99° 21' 45.3"	Average NADCON/NTV2 grid shift
MON 734B-66	N 48° 59' 58.5"	W 99° 20' 47.5"	Average NADCON/NTV2 grid shift
MON 735	N 48° 59' 58.5"	W 99° 19' 41.6"	Average NADCON/NTV2 grid shift
MON 736	N 48° 59' 58.6"	W 99° 19' 17.4"	Average NADCON/NTV2 grid shift
MON 737	N 48° 59' 58.7"	W 99° 17' 46.9"	Average NADCON/NTV2 grid shift
MON 738	N 48° 59' 58.8"	W 99° 16' 18.5"	Average NADCON/NTV2 grid shift

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49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

Point	NAD83		Source
	Latitude	Longitude	
MON 739	N 48° 59' 58.9"	W 99° 14' 48.4"	Average NADCON/NTV2 grid shift
MON 740	N 48° 59' 59.0"	W 99° 13' 31.1"	Average NADCON/NTV2 grid shift
MON 741	N 48° 59' 59.1"	W 99° 12' 12.2"	Average NADCON/NTV2 grid shift
MON 742	N 48° 59' 59.1"	W 99° 10' 42.0"	Average NADCON/NTV2 grid shift
MON 743	N 48° 59' 59.2"	W 99° 09' 44.2"	Average NADCON/NTV2 grid shift
MON 744	N 48° 59' 59.4"	W 99° 07' 33.3"	Average NADCON/NTV2 grid shift
MON 745	N 48° 59' 59.5"	W 99° 05' 42.7"	Average NADCON/NTV2 grid shift
MON 746	N 48° 59' 59.6"	W 99° 04' 16.8"	Average NADCON/NTV2 grid shift
MON 747	N 48° 59' 59.7"	W 99° 03' 00.8"	Average NADCON/NTV2 grid shift
MON 748	N 48° 59' 59.7"	W 99° 02' 49.5"	Average NADCON/NTV2 grid shift
MON 749	N 48° 59' 59.8"	W 99° 01' 30.2"	Average NADCON/NTV2 grid shift
MON 750	N 48° 59' 59.8"	W 99° 00' 36.9"	Average NADCON/NTV2 grid shift
MON 751	N 48° 59' 59.8"	W 99° 00' 08.0"	Average NADCON/NTV2 grid shift
MON 752	N 48° 59' 59.9"	W 98° 58' 48.6"	Average NADCON/NTV2 grid shift
MON 753	N 49° 00' 00.1"	W 98° 57' 29.2"	Average NADCON/NTV2 grid shift
MON 753A	N 49° 00' 00.1"	W 98° 56' 18.1"	Average NADCON/NTV2 grid shift
MON 754	N 49° 00' 00.1"	W 98° 56' 09.8"	Average NADCON/NTV2 grid shift
MON 754A	N 49° 00' 00.1"	W 98° 56' 05.7"	Average NADCON/NTV2 grid shift
MON 755	N 49° 00' 00.2"	W 98° 54' 50.6"	Average NADCON/NTV2 grid shift
MON 756	N 49° 00' 00.2"	W 98° 53' 31.3"	Average NADCON/NTV2 grid shift
MON 757	N 49° 00' 00.3"	W 98° 52' 11.8"	Average NADCON/NTV2 grid shift
MON 758	N 49° 00' 00.3"	W 98° 50' 52.3"	Average NADCON/NTV2 grid shift
MON 759	N 49° 00' 00.3"	W 98° 49' 32.8"	Average NADCON/NTV2 grid shift
MON 760	N 49° 00' 00.3"	W 98° 48' 13.4"	Average NADCON/NTV2 grid shift
MON 761	N 49° 00' 00.4"	W 98° 46' 54.0"	Average NADCON/NTV2 grid shift
MON 762	N 49° 00' 00.4"	W 98° 45' 37.8"	Average NADCON/NTV2 grid shift
MON 763	N 49° 00' 00.4"	W 98° 44' 15.1"	Average NADCON/NTV2 grid shift
MON 764	N 49° 00' 00.5"	W 98° 42' 55.8"	Average NADCON/NTV2 grid shift
MON 765	N 49° 00' 00.5"	W 98° 41' 41.5"	Average NADCON/NTV2 grid shift
MON 765A-66	N 49° 00' 00.5"	W 98° 41' 37.6"	Average NADCON/NTV2 grid shift
MON 766	N 49° 00' 00.5"	W 98° 40' 14.5"	Average NADCON/NTV2 grid shift
MON 767	N 49° 00' 00.5"	W 98° 38' 57.4"	Average NADCON/NTV2 grid shift
MON 768	N 49° 00' 00.6"	W 98° 37' 38.2"	Average NADCON/NTV2 grid shift
MON 769	N 49° 00' 00.6"	W 98° 36' 18.9"	Average NADCON/NTV2 grid shift
MON 770	N 49° 00' 00.6"	W 98° 34' 59.4"	Average NADCON/NTV2 grid shift
MON 771	N 49° 00' 00.6"	W 98° 33' 40.0"	Average NADCON/NTV2 grid shift
MON 772	N 49° 00' 00.7"	W 98° 32' 20.5"	Average NADCON/NTV2 grid shift
MON 773	N 49° 00' 00.7"	W 98° 31' 01.2"	Average NADCON/NTV2 grid shift
MON 774	N 49° 00' 00.7"	W 98° 29' 40.9"	Average NADCON/NTV2 grid shift
MON 775	N 49° 00' 00.7"	W 98° 28' 22.4"	Average NADCON/NTV2 grid shift

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49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

	NAD83		
Point	Latitude	Longitude	Source
MON 776	N 49° 00' 00.8"	W 98° 27' 04.0"	Average NADCON/NTV2 grid shift
MON 777	N 49° 00' 00.8"	W 98° 25' 44.7"	Average NADCON/NTV2 grid shift
MON 778	N 49° 00' 00.8"	W 98° 24' 25.2"	Average NADCON/NTV2 grid shift
MON 779	N 49° 00' 00.8"	W 98° 23' 05.9"	Average NADCON/NTV2 grid shift
MON 779A	N 49° 00' 00.9"	W 98° 21' 54.9"	Average NADCON/NTV2 grid shift
MON 779B	N 49° 00' 00.9"	W 98° 21' 53.2"	Average NADCON/NTV2 grid shift
MON 779C	N 49° 00' 00.9"	W 98° 21' 51.3"	Average NADCON/NTV2 grid shift
MON 780	N 49° 00' 00.9"	W 98° 21' 46.6"	Average NADCON/NTV2 grid shift
MON 781	N 49° 00' 00.9"	W 98° 20' 27.3"	Average NADCON/NTV2 grid shift
MON 782	N 49° 00' 00.9"	W 98° 19' 07.7"	Average NADCON/NTV2 grid shift
MON 783	N 49° 00' 01.0"	W 98° 17' 48.5"	Average NADCON/NTV2 grid shift
MON 784	N 49° 00' 01.0"	W 98° 16' 29.0"	Average NADCON/NTV2 grid shift
MON 785	N 49° 00' 01.0"	W 98° 15' 19.5"	Average NADCON/NTV2 grid shift
MON 786	N 49° 00' 01.0"	W 98° 14' 47.1"	Average NADCON/NTV2 grid shift
MON 787	N 49° 00' 01.0"	W 98° 12' 38.3"	Average NADCON/NTV2 grid shift
MON 788	N 49° 00' 00.9"	W 98° 11' 12.4"	Average NADCON/NTV2 grid shift
MON 789	N 49° 00' 01.1"	W 98° 09' 53.2"	Average NADCON/NTV2 grid shift
MON 790	N 49° 00' 01.1"	W 98° 08' 34.0"	Average NADCON/NTV2 grid shift
MON 791	N 49° 00' 01.2"	W 98° 07' 14.5"	Average NADCON/NTV2 grid shift
MON 792	N 49° 00' 01.3"	W 98° 05' 55.3"	Average NADCON/NTV2 grid shift
MON 793	N 49° 00' 01.4"	W 98° 04' 36.2"	Average NADCON/NTV2 grid shift
MON 794	N 49° 00' 01.4"	W 98° 03' 16.9"	Average NADCON/NTV2 grid shift
MON 795	N 49° 00' 01.5"	W 98° 01' 56.1"	Average NADCON/NTV2 grid shift
MON 796	N 49° 00' 01.6"	W 98° 00' 38.2"	Average NADCON/NTV2 grid shift
MON 797	N 49° 00' 01.6"	W 97° 59' 19.5"	Average NADCON/NTV2 grid shift
MON 798	N 49° 00' 01.6"	W 97° 57' 59.8"	Average NADCON/NTV2 grid shift
MON 799	N 49° 00' 01.7"	W 97° 56' 38.4"	Average NADCON/NTV2 grid shift
MON 800	N 49° 00' 01.7"	W 97° 55' 21.1"	Average NADCON/NTV2 grid shift
MON 800A-63	N 49° 00' 01.7"	W 97° 54' 31.7"	Average NADCON/NTV2 grid shift
MON 800B-63	N 49° 00' 01.7"	W 97° 54' 30.3"	Average NADCON/NTV2 grid shift
MON 801	N 49° 00' 01.7"	W 97° 54' 01.5"	Average NADCON/NTV2 grid shift
MON 802	N 49° 00' 01.7"	W 97° 52' 42.0"	Average NADCON/NTV2 grid shift
MON 803	N 49° 00' 01.8"	W 97° 51' 23.2"	Average NADCON/NTV2 grid shift
MON 804	N 49° 00' 01.8"	W 97° 50' 03.3"	Average NADCON/NTV2 grid shift
MON 805	N 49° 00' 01.8"	W 97° 48' 51.5"	Average NADCON/NTV2 grid shift
MON 806	N 49° 00' 01.9"	W 97° 47' 24.6"	Average NADCON/NTV2 grid shift
MON 807	N 49° 00' 01.9"	W 97° 46' 05.3"	Average NADCON/NTV2 grid shift
MON 808	N 49° 00' 01.9"	W 97° 44' 41.5"	Average NADCON/NTV2 grid shift
MON 809	N 49° 00' 02.0"	W 97° 43' 26.7"	Average NADCON/NTV2 grid shift
MON 810	N 49° 00' 02.0"	W 97° 42' 07.4"	Average NADCON/NTV2 grid shift

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49th Parallel (Manitoba/North Dakota)
Geographical Coordinates listing

Point	NAD83		Source
	Latitude	Longitude	
MON 811	N 49° 00' 02.0"	W 97° 40' 48.7"	Average NADCON/NTV2 grid shift
MON 812	N 49° 00' 02.0"	W 97° 39' 29.2"	Average NADCON/NTV2 grid shift
MON 813	N 49° 00' 02.0"	W 97° 38' 09.8"	Average NADCON/NTV2 grid shift
MON 814	N 49° 00' 01.9"	W 97° 36' 50.4"	Average NADCON/NTV2 grid shift
MON 815	N 49° 00' 01.9"	W 97° 35' 31.0"	Average NADCON/NTV2 grid shift
MON 816	N 49° 00' 01.9"	W 97° 34' 11.7"	Average NADCON/NTV2 grid shift
MON 816A-76	N 49° 00' 01.9"	W 97° 33' 26.4"	Average NADCON/NTV2 grid shift
MON 817	N 49° 00' 01.9"	W 97° 32' 52.3"	Average NADCON/NTV2 grid shift
MON 818	N 49° 00' 01.9"	W 97° 31' 33.1"	Average NADCON/NTV2 grid shift
MON 819	N 49° 00' 01.8"	W 97° 30' 13.8"	Average NADCON/NTV2 grid shift
MON 820	N 49° 00' 01.8"	W 97° 28' 54.5"	Average NADCON/NTV2 grid shift
MON 821	N 49° 00' 01.8"	W 97° 27' 35.3"	Average NADCON/NTV2 grid shift
MON 822	N 49° 00' 01.8"	W 97° 26' 16.0"	Average NADCON/NTV2 grid shift
MON 823	N 49° 00' 01.8"	W 97° 24' 56.7"	Average NADCON/NTV2 grid shift
MON 824	N 49° 00' 01.8"	W 97° 23' 37.3"	Average NADCON/NTV2 grid shift
MON 825	N 49° 00' 01.7"	W 97° 22' 18.0"	Average NADCON/NTV2 grid shift
MON 826	N 49° 00' 01.7"	W 97° 20' 58.7"	Average NADCON/NTV2 grid shift
MON 827	N 49° 00' 01.7"	W 97° 19' 39.5"	Average NADCON/NTV2 grid shift
MON 828	N 49° 00' 01.7"	W 97° 18' 20.3"	Average NADCON/NTV2 grid shift
MON 829	N 49° 00' 01.7"	W 97° 17' 01.1"	Average NADCON/NTV2 grid shift

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