

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

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

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 290	N 48° 59' 53.17"	W 113° 23' 13.64"	SPECIAL REPORT, 1937
MON 290A	N 48° 59' 53.22"	W 113° 22' 41.46"	SPECIAL REPORT, 1937
MON 290B	N 48° 59' 53.22"	W 113° 22' 40.24"	SPECIAL REPORT, 1937
MON 291	N 48° 59' 53.38"	W 113° 20' 42.59"	SPECIAL REPORT, 1937
MON 292	N 48° 59' 53.53"	W 113° 18' 53.42"	SPECIAL REPORT, 1937
MON 293	N 48° 59' 53.67"	W 113° 17' 11.04"	SPECIAL REPORT, 1937
MON 294	N 48° 59' 53.79"	W 113° 15' 33.61"	SPECIAL REPORT, 1937
MON 295	N 48° 59' 53.95"	W 113° 13' 24.31"	SPECIAL REPORT, 1937
MON 296	N 48° 59' 54.04"	W 113° 12' 26.72"	SPECIAL REPORT, 1937
MON 297	N 48° 59' 54.24"	W 113° 10' 20.39"	SPECIAL REPORT, 1937
MON 298	N 48° 59' 54.41"	W 113° 08' 25.59"	SPECIAL REPORT, 1937
MON 299	N 48° 59' 54.57"	W 113° 06' 14.50"	SPECIAL REPORT, 1937
MON 300	N 48° 59' 54.74"	W 113° 03' 48.36"	SPECIAL REPORT, 1937
MON 301	N 48° 59' 54.86"	W 113° 02' 12.29"	SPECIAL REPORT, 1937
MON 302	N 48° 59' 55.08"	W 112° 59' 21.76"	SPECIAL REPORT, 1937
MON 303	N 48° 59' 54.80"	W 112° 57' 07.44"	SPECIAL REPORT, 1937
MON 304	N 48° 59' 54.57"	W 112° 55' 22.89"	SPECIAL REPORT, 1937
MON 305	N 48° 59' 54.64"	W 112° 53' 18.76"	SPECIAL REPORT, 1937
MON 306	N 48° 59' 54.71"	W 112° 51' 16.75"	SPECIAL REPORT, 1937
MON 307	N 48° 59' 54.78"	W 112° 49' 20.18"	SPECIAL REPORT, 1937
MON 308	N 48° 59' 54.85"	W 112° 47' 25.98"	SPECIAL REPORT, 1937
MON 308A	N 48° 59' 54.86"	W 112° 47' 15.20"	JAR 1945
MON 308B	N 48° 59' 54.86"	W 112° 47' 14.37"	JAR 1945
MON 309	N 48° 59' 54.93"	W 112° 45' 33.42"	SPECIAL REPORT, 1937
MON 310	N 48° 59' 55.07"	W 112° 43' 27.76"	SPECIAL REPORT, 1937
MON 311	N 48° 59' 55.20"	W 112° 41' 36.23"	SPECIAL REPORT, 1937
MON 312	N 48° 59' 55.28"	W 112° 39' 25.03"	SPECIAL REPORT, 1937
MON 313	N 48° 59' 55.36"	W 112° 37' 25.31"	SPECIAL REPORT, 1937
MON 314	N 48° 59' 55.41"	W 112° 35' 35.25"	SPECIAL REPORT, 1937
MON 315	N 48° 59' 55.47"	W 112° 33' 48.58"	SPECIAL REPORT, 1937
MON 316	N 48° 59' 55.49"	W 112° 31' 49.12"	SPECIAL REPORT, 1937
MON 317	N 48° 59' 55.52"	W 112° 29' 36.48"	SPECIAL REPORT, 1937
MON 318	N 48° 59' 55.22"	W 112° 28' 17.50"	SPECIAL REPORT, 1937
MON 319	N 48° 59' 54.78"	W 112° 26' 18.41"	SPECIAL REPORT, 1937
MON 320	N 48° 59' 55.33"	W 112° 23' 32.48"	SPECIAL REPORT, 1937
MON 321	N 48° 59' 55.30"	W 112° 21' 10.49"	SPECIAL REPORT, 1937
MON 322	N 48° 59' 55.31"	W 112° 20' 00.36"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
 Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 323	N 48° 59' 55.31"	W 112° 17' 51.83"	SPECIAL REPORT, 1937
MON 324	N 48° 59' 55.30"	W 112° 16' 03.35"	SPECIAL REPORT, 1937
MON 325	N 48° 59' 55.30"	W 112° 14' 16.44"	SPECIAL REPORT, 1937
MON 326	N 48° 59' 55.28"	W 112° 11' 48.32"	SPECIAL REPORT, 1937
MON 327	N 48° 59' 55.27"	W 112° 09' 31.47"	SPECIAL REPORT, 1937
MON 328	N 48° 59' 55.27"	W 112° 07' 42.73"	SPECIAL REPORT, 1937
MON 329	N 48° 59' 55.26"	W 112° 06' 00.36"	SPECIAL REPORT, 1937
MON 330	N 48° 59' 55.23"	W 112° 03' 47.60"	SPECIAL REPORT, 1937
MON 331	N 48° 59' 55.19"	W 112° 01' 21.89"	SPECIAL REPORT, 1937
MON 332	N 48° 59' 54.75"	W 111° 59' 40.11"	SPECIAL REPORT, 1937
MON 333	N 48° 59' 54.36"	W 111° 58' 06.89"	SPECIAL REPORT, 1937
MON 334	N 48° 59' 54.20"	W 111° 57' 28.28"	SPECIAL REPORT, 1937
MON 335	N 48° 59' 54.01"	W 111° 56' 38.29"	SPECIAL REPORT, 1937
MON 336	N 48° 59' 53.58"	W 111° 54' 49.56"	SPECIAL REPORT, 1937
MON 337	N 48° 59' 53.29"	W 111° 53' 37.84"	SPECIAL REPORT, 1937
MON 338	N 48° 59' 52.84"	W 111° 52' 05.84"	SPECIAL REPORT, 1937
MON 339	N 48° 59' 52.20"	W 111° 49' 54.09"	SPECIAL REPORT, 1937
MON 340	N 48° 59' 51.80"	W 111° 48' 23.08"	SPECIAL REPORT, 1937
MON 341	N 48° 59' 51.20"	W 111° 46' 06.40"	SPECIAL REPORT, 1937
MON 342	N 48° 59' 50.73"	W 111° 44' 19.25"	SPECIAL REPORT, 1937
MON 343	N 48° 59' 50.14"	W 111° 42' 05.30"	SPECIAL REPORT, 1937
MON 344	N 48° 59' 49.63"	W 111° 40' 07.62"	SPECIAL REPORT, 1937
MON 345	N 48° 59' 49.11"	W 111° 38' 08.15"	SPECIAL REPORT, 1937
MON 346	N 48° 59' 48.53"	W 111° 36' 09.96"	SPECIAL REPORT, 1937
MON 347	N 48° 59' 48.04"	W 111° 34' 29.50"	SPECIAL REPORT, 1937
MON 348	N 48° 59' 48.22"	W 111° 32' 43.32"	SPECIAL REPORT, 1937
MON 349	N 48° 59' 48.38"	W 111° 31' 12.74"	SPECIAL REPORT, 1937
MON 350	N 48° 59' 48.65"	W 111° 28' 46.26"	SPECIAL REPORT, 1937
MON 351	N 48° 59' 48.88"	W 111° 26' 39.42"	SPECIAL REPORT, 1937
MON 352	N 48° 59' 49.13"	W 111° 24' 26.76"	SPECIAL REPORT, 1937
MON 353	N 48° 59' 49.30"	W 111° 22' 58.12"	SPECIAL REPORT, 1937
MON 354	N 48° 59' 49.49"	W 111° 21' 21.60"	SPECIAL REPORT, 1937
MON 355	N 48° 59' 49.74"	W 111° 19' 06.46"	SPECIAL REPORT, 1937
MON 356	N 48° 59' 50.01"	W 111° 16' 39.42"	SPECIAL REPORT, 1937
MON 356A	N 48° 59' 50.13"	W 111° 15' 30.53"	JAR 1945
MON 356B	N 48° 59' 50.14"	W 111° 15' 25.59"	JAR 1945
MON 357	N 48° 59' 50.26"	W 111° 14' 14.20"	SPECIAL REPORT, 1937
MON 358	N 48° 59' 50.49"	W 111° 12' 05.47"	SPECIAL REPORT, 1937
MON 359	N 48° 59' 50.67"	W 111° 10' 47.56"	SPECIAL REPORT, 1937
MON 360	N 48° 59' 50.97"	W 111° 08' 57.14"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 361	N 48° 59' 51.35"	W 111° 06' 25.55"	SPECIAL REPORT, 1937
MON 362	N 48° 59' 51.52"	W 111° 05' 19.56"	SPECIAL REPORT, 1937
MON 363	N 48° 59' 51.97"	W 111° 02' 31.27"	SPECIAL REPORT, 1937
MON 364	N 48° 59' 52.30"	W 111° 00' 31.81"	SPECIAL REPORT, 1937
MON 365	N 48° 59' 52.63"	W 110° 58' 29.84"	SPECIAL REPORT, 1937
MON 366	N 48° 59' 52.93"	W 110° 56' 44.81"	SPECIAL REPORT, 1937
MON 367	N 48° 59' 53.06"	W 110° 55' 27.16"	SPECIAL REPORT, 1937
MON 368	N 48° 59' 53.34"	W 110° 52' 45.58"	SPECIAL REPORT, 1937
MON 369	N 48° 59' 53.72"	W 110° 51' 12.86"	SPECIAL REPORT, 1937
MON 370	N 48° 59' 54.15"	W 110° 49' 31.38"	SPECIAL REPORT, 1937
MON 371	N 48° 59' 54.59"	W 110° 46' 59.20"	SPECIAL REPORT, 1937
MON 372	N 48° 59' 54.95"	W 110° 44' 49.57"	SPECIAL REPORT, 1937
MON 373	N 48° 59' 55.11"	W 110° 42' 58.30"	SPECIAL REPORT, 1937
MON 374	N 48° 59' 55.28"	W 110° 40' 59.21"	SPECIAL REPORT, 1937
MON 375	N 48° 59' 55.45"	W 110° 38' 51.59"	SPECIAL REPORT, 1937
MON 376	N 48° 59' 55.60"	W 110° 37' 06.00"	SPECIAL REPORT, 1937
MON 377	N 48° 59' 55.79"	W 110° 34' 50.71"	SPECIAL REPORT, 1937
MON 378	N 48° 59' 55.90"	W 110° 33' 27.32"	SPECIAL REPORT, 1937
MON 379	N 48° 59' 56.11"	W 110° 30' 48.14"	SPECIAL REPORT, 1937
MON 380	N 48° 59' 56.22"	W 110° 29' 28.88"	SPECIAL REPORT, 1937
MON 381	N 48° 59' 56.43"	W 110° 26' 49.66"	SPECIAL REPORT, 1937
MON 382	N 48° 59' 56.56"	W 110° 25' 18.45"	SPECIAL REPORT, 1937
MON 383	N 48° 59' 56.76"	W 110° 22' 52.90"	SPECIAL REPORT, 1937
MON 384	N 48° 59' 56.91"	W 110° 21' 09.16"	SPECIAL REPORT, 1937
MON 385	N 48° 59' 57.06"	W 110° 19' 31.08"	SPECIAL REPORT, 1937
MON 386	N 48° 59' 57.28"	W 110° 17' 08.59"	SPECIAL REPORT, 1937
MON 387	N 48° 59' 57.44"	W 110° 15' 25.44"	SPECIAL REPORT, 1937
MON 388	N 48° 59' 57.59"	W 110° 13' 36.21"	SPECIAL REPORT, 1937
MON 388A	N 48° 59' 57.65"	W 110° 12' 56.31"	SPECIAL REPORT, 1937
MON 388B	N 48° 59' 57.66"	W 110° 12' 51.50"	SPECIAL REPORT, 1937
MON 389	N 48° 59' 57.78"	W 110° 11' 27.35"	SPECIAL REPORT, 1937
MON 390	N 48° 59' 57.96"	W 110° 08' 52.59"	SPECIAL REPORT, 1937
MON 391	N 48° 59' 58.14"	W 110° 06' 31.35"	SPECIAL REPORT, 1937
MON 392	N 48° 59' 58.28"	W 110° 04' 44.82"	SPECIAL REPORT, 1937
MON 393	N 48° 59' 58.45"	W 110° 02' 34.21"	SPECIAL REPORT, 1937
MON 394	N 48° 59' 58.59"	W 110° 00' 00.40"	SPECIAL REPORT, 1937
MON 395	N 48° 59' 58.67"	W 109° 58' 37.03"	SPECIAL REPORT, 1937
MON 396	N 48° 59' 58.87"	W 109° 56' 32.87"	SPECIAL REPORT, 1937
MON 397	N 48° 59' 59.06"	W 109° 54' 39.91"	SPECIAL REPORT, 1937
MON 398	N 48° 59' 59.18"	W 109° 52' 59.24"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 399	N 48° 59' 59.35"	W 109° 50' 42.36"	SPECIAL REPORT, 1937
MON 400	N 48° 59' 59.50"	W 109° 48' 27.38"	SPECIAL REPORT, 1937
MON 401	N 48° 59' 59.62"	W 109° 46' 45.44"	SPECIAL REPORT, 1937
MON 402	N 48° 59' 59.73"	W 109° 45' 19.48"	SPECIAL REPORT, 1937
MON 402A	N 48° 59' 59.85"	W 109° 43' 51.38"	JAR 1945
MON 402B	N 48° 59' 59.83"	W 109° 43' 50.14"	JAR 1945
MON 403	N 48° 59' 59.92"	W 109° 42' 48.15"	SPECIAL REPORT, 1937
MON 404	N 49° 00' 00.14"	W 109° 40' 24.07"	SPECIAL REPORT, 1937
MON 405	N 49° 00' 00.29"	W 109° 38' 52.61"	SPECIAL REPORT, 1937
MON 406	N 49° 00' 00.44"	W 109° 37' 19.68"	SPECIAL REPORT, 1937
MON 407	N 49° 00' 00.65"	W 109° 34' 49.46"	SPECIAL REPORT, 1937
MON 408	N 49° 00' 00.84"	W 109° 32' 49.17"	SPECIAL REPORT, 1937
MON 409	N 49° 00' 01.02"	W 109° 30' 56.06"	SPECIAL REPORT, 1937
MON 410	N 49° 00' 01.14"	W 109° 29' 33.92"	SPECIAL REPORT, 1937
MON 411	N 49° 00' 01.30"	W 109° 27' 36.53"	SPECIAL REPORT, 1937
MON 412	N 49° 00' 01.38"	W 109° 26' 41.03"	SPECIAL REPORT, 1937
MON 413	N 49° 00' 01.51"	W 109° 25' 11.62"	SPECIAL REPORT, 1937
MON 414	N 49° 00' 01.40"	W 109° 23' 28.63"	SPECIAL REPORT, 1937
MON 415	N 49° 00' 01.29"	W 109° 21' 52.83"	SPECIAL REPORT, 1937
MON 416	N 49° 00' 00.97"	W 109° 19' 54.37"	SPECIAL REPORT, 1937
MON 417	N 49° 00' 00.68"	W 109° 18' 04.80"	SPECIAL REPORT, 1937
MON 418	N 49° 00' 00.46"	W 109° 16' 39.40"	SPECIAL REPORT, 1937
MON 419	N 49° 00' 00.19"	W 109° 14' 27.92"	SPECIAL REPORT, 1937
MON 420	N 48° 59' 59.95"	W 109° 12' 37.66"	SPECIAL REPORT, 1937
MON 421	N 48° 59' 59.81"	W 109° 11' 28.65"	SPECIAL REPORT, 1937
MON 422	N 48° 59' 59.62"	W 109° 10' 03.15"	SPECIAL REPORT, 1937
MON 423	N 48° 59' 59.35"	W 109° 07' 49.26"	SPECIAL REPORT, 1937
MON 424	N 48° 59' 59.05"	W 109° 05' 28.92"	SPECIAL REPORT, 1937
MON 425	N 48° 59' 58.80"	W 109° 03' 17.85"	SPECIAL REPORT, 1937
MON 426	N 48° 59' 58.63"	W 109° 01' 52.87"	SPECIAL REPORT, 1937
MON 427	N 48° 59' 58.38"	W 108° 59' 47.92"	SPECIAL REPORT, 1937
MON 428	N 48° 59' 58.12"	W 108° 57' 39.38"	SPECIAL REPORT, 1937
MON 429	N 48° 59' 57.91"	W 108° 55' 48.04"	SPECIAL REPORT, 1937
MON 430	N 48° 59' 57.72"	W 108° 54' 10.12"	SPECIAL REPORT, 1937
MON 431	N 48° 59' 57.48"	W 108° 52' 09.13"	SPECIAL REPORT, 1937
MON 432	N 48° 59' 57.24"	W 108° 50' 05.23"	SPECIAL REPORT, 1937
MON 433	N 48° 59' 57.29"	W 108° 48' 33.19"	SPECIAL REPORT, 1937
MON 434	N 48° 59' 57.33"	W 108° 46' 58.84"	SPECIAL REPORT, 1937
MON 435	N 48° 59' 57.41"	W 108° 45' 23.77"	SPECIAL REPORT, 1937
MON 436	N 48° 59' 57.49"	W 108° 43' 35.56"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 437	N 48° 59' 57.59"	W 108° 41' 24.09"	SPECIAL REPORT, 1937
MON 438	N 48° 59' 57.67"	W 108° 39' 39.38"	SPECIAL REPORT, 1937
MON 439	N 48° 59' 57.78"	W 108° 37' 28.41"	SPECIAL REPORT, 1937
MON 440	N 48° 59' 57.85"	W 108° 35' 47.80"	SPECIAL REPORT, 1937
MON 441	N 48° 59' 57.94"	W 108° 33' 18.95"	SPECIAL REPORT, 1937
MON 442	N 48° 59' 58.01"	W 108° 31' 23.14"	SPECIAL REPORT, 1937
MON 443	N 48° 59' 58.06"	W 108° 30' 08.25"	SPECIAL REPORT, 1937
MON 444	N 48° 59' 58.12"	W 108° 28' 25.64"	SPECIAL REPORT, 1937
MON 445	N 48° 59' 58.10"	W 108° 26' 29.95"	SPECIAL REPORT, 1937
MON 446	N 48° 59' 58.09"	W 108° 25' 23.72"	SPECIAL REPORT, 1937
MON 446A	N 48° 59' 58.22"	W 108° 23' 14.06"	JAR 1945
MON 447	N 48° 59' 58.22"	W 108° 23' 13.07"	SPECIAL REPORT, 1937
MON 448	N 48° 59' 58.35"	W 108° 21' 04.26"	SPECIAL REPORT, 1937
MON 449	N 48° 59' 58.49"	W 108° 18' 51.55"	SPECIAL REPORT, 1937
MON 450	N 48° 59' 58.56"	W 108° 16' 50.76"	SPECIAL REPORT, 1937
MON 451	N 48° 59' 58.66"	W 108° 14' 11.79"	SPECIAL REPORT, 1937
MON 452	N 48° 59' 58.69"	W 108° 12' 13.75"	SPECIAL REPORT, 1937
MON 453	N 48° 59' 58.71"	W 108° 10' 33.69"	SPECIAL REPORT, 1937
MON 454	N 48° 59' 58.74"	W 108° 08' 30.06"	SPECIAL REPORT, 1937
MON 455	N 48° 59' 58.77"	W 108° 06' 34.86"	SPECIAL REPORT, 1937
MON 456	N 48° 59' 58.82"	W 108° 04' 34.87"	SPECIAL REPORT, 1937
MON 457	N 48° 59' 58.87"	W 108° 02' 38.66"	SPECIAL REPORT, 1937
MON 458	N 48° 59' 58.92"	W 108° 00' 37.63"	SPECIAL REPORT, 1937
MON 459	N 48° 59' 58.98"	W 107° 58' 40.96"	SPECIAL REPORT, 1937
MON 460	N 48° 59' 59.02"	W 107° 56' 54.43"	SPECIAL REPORT, 1937
MON 461	N 48° 59' 59.06"	W 107° 54' 43.32"	SPECIAL REPORT, 1937
MON 462	N 48° 59' 59.09"	W 107° 53' 07.64"	SPECIAL REPORT, 1937
MON 463	N 48° 59' 59.14"	W 107° 50' 45.46"	SPECIAL REPORT, 1937
MON 463A	N 48° 59' 59.16"	W 107° 49' 54.15"	JAR 1945
MON 463B	N 48° 59' 59.16"	W 107° 49' 52.44"	JAR 1945
MON 464	N 48° 59' 59.17"	W 107° 49' 09.96"	SPECIAL REPORT, 1937
MON 465	N 48° 59' 59.21"	W 107° 46' 47.87"	SPECIAL REPORT, 1937
MON 466	N 48° 59' 59.12"	W 107° 45' 33.49"	SPECIAL REPORT, 1937
MON 467	N 48° 59' 59.00"	W 107° 43' 54.08"	SPECIAL REPORT, 1937
MON 468	N 48° 59' 58.92"	W 107° 43' 00.19"	SPECIAL REPORT, 1937
MON 469	N 48° 59' 58.77"	W 107° 41' 17.38"	SPECIAL REPORT, 1937
MON 470	N 48° 59' 58.63"	W 107° 39' 26.10"	SPECIAL REPORT, 1937
MON 471	N 48° 59' 58.51"	W 107° 37' 35.02"	SPECIAL REPORT, 1937
MON 472	N 48° 59' 58.37"	W 107° 35' 44.39"	SPECIAL REPORT, 1937
MON 473	N 48° 59' 58.22"	W 107° 33' 25.23"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 474	N 48° 59' 58.09"	W 107° 31' 34.28"	SPECIAL REPORT, 1937
MON 475	N 48° 59' 57.97"	W 107° 29' 39.63"	SPECIAL REPORT, 1937
MON 476	N 48° 59' 57.85"	W 107° 28' 01.10"	SPECIAL REPORT, 1937
MON 477	N 48° 59' 57.74"	W 107° 26' 27.39"	SPECIAL REPORT, 1937
MON 478	N 48° 59' 57.63"	W 107° 24' 53.72"	SPECIAL REPORT, 1937
MON 479	N 48° 59' 58.96"	W 107° 23' 17.47"	SPECIAL REPORT, 1937
MON 480	N 49° 00' 00.31"	W 107° 21' 39.22"	SPECIAL REPORT, 1937
MON 481	N 49° 00' 00.25"	W 107° 19' 17.91"	SPECIAL REPORT, 1937
MON 482	N 49° 00' 00.20"	W 107° 17' 04.62"	SPECIAL REPORT, 1937
MON 483	N 49° 00' 00.20"	W 107° 15' 11.03"	SPECIAL REPORT, 1937
MON 484	N 49° 00' 00.23"	W 107° 13' 10.58"	SPECIAL REPORT, 1937
MON 485	N 49° 00' 00.18"	W 107° 10' 29.57"	SPECIAL REPORT, 1937
MON 486	N 49° 00' 00.15"	W 107° 08' 40.49"	SPECIAL REPORT, 1937
MON 487	N 49° 00' 00.11"	W 107° 06' 48.19"	SPECIAL REPORT, 1937
MON 488	N 49° 00' 00.06"	W 107° 03' 56.35"	SPECIAL REPORT, 1937
MON 489	N 49° 00' 00.03"	W 107° 01' 36.16"	SPECIAL REPORT, 1937
MON 490	N 49° 00' 00.00"	W 106° 59' 06.45"	SPECIAL REPORT, 1937
MON 491	N 48° 59' 59.97"	W 106° 57' 08.14"	SPECIAL REPORT, 1937
MON 492	N 48° 59' 59.95"	W 106° 54' 53.57"	SPECIAL REPORT, 1937
MON 493	N 48° 59' 59.90"	W 106° 53' 01.66"	SPECIAL REPORT, 1937
MON 494	N 48° 59' 59.86"	W 106° 51' 19.23"	SPECIAL REPORT, 1937
MON 495	N 48° 59' 59.84"	W 106° 49' 08.46"	SPECIAL REPORT, 1937
MON 496	N 48° 59' 59.84"	W 106° 47' 37.12"	SPECIAL REPORT, 1937
MON 497	N 48° 59' 59.69"	W 106° 45' 28.74"	SPECIAL REPORT, 1937
MON 498	N 48° 59' 59.56"	W 106° 43' 45.77"	SPECIAL REPORT, 1937
MON 499	N 48° 59' 59.46"	W 106° 42' 11.30"	SPECIAL REPORT, 1937
MON 500	N 48° 59' 59.43"	W 106° 40' 16.99"	SPECIAL REPORT, 1937
MON 501	N 48° 59' 59.43"	W 106° 38' 44.98"	SPECIAL REPORT, 1937
MON 502	N 48° 59' 59.42"	W 106° 36' 30.76"	SPECIAL REPORT, 1937
MON 503	N 48° 59' 59.13"	W 106° 34' 24.35"	SPECIAL REPORT, 1937
MON 504	N 48° 59' 58.87"	W 106° 32' 31.60"	SPECIAL REPORT, 1937
MON 505	N 48° 59' 58.64"	W 106° 31' 03.19"	SPECIAL REPORT, 1937
MON 506	N 48° 59' 58.56"	W 106° 28' 59.79"	SPECIAL REPORT, 1937
MON 507	N 48° 59' 58.45"	W 106° 26' 39.22"	SPECIAL REPORT, 1937
MON 508	N 48° 59' 58.35"	W 106° 24' 29.07"	SPECIAL REPORT, 1937
MON 508A-66	N 48° 59' 58.23"	W 106° 22' 39.91"	JAR 1966
MON 508B-66	N 48° 59' 58.22"	W 106° 22' 37.17"	JAR 1966
MON 509	N 48° 59' 58.15"	W 106° 21' 42.86"	SPECIAL REPORT, 1937
MON 510	N 48° 59' 58.02"	W 106° 19' 23.63"	SPECIAL REPORT, 1937
MON 511	N 48° 59' 57.90"	W 106° 17' 54.55"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 512	N 48° 59' 57.80"	W 106° 16' 21.06"	SPECIAL REPORT, 1937
MON 513	N 48° 59' 57.62"	W 106° 13' 43.82"	SPECIAL REPORT, 1937
MON 514	N 48° 59' 57.71"	W 106° 12' 07.05"	SPECIAL REPORT, 1937
MON 515	N 48° 59' 57.79"	W 106° 10' 30.72"	SPECIAL REPORT, 1937
MON 516	N 48° 59' 57.92"	W 106° 08' 25.19"	SPECIAL REPORT, 1937
MON 517	N 48° 59' 58.04"	W 106° 06' 17.68"	SPECIAL REPORT, 1937
MON 518	N 48° 59' 58.13"	W 106° 04' 22.27"	SPECIAL REPORT, 1937
MON 519	N 48° 59' 58.22"	W 106° 02' 34.59"	SPECIAL REPORT, 1937
MON 520	N 48° 59' 58.32"	W 106° 00' 38.84"	SPECIAL REPORT, 1937
MON 521	N 48° 59' 58.44"	W 105° 58' 36.56"	SPECIAL REPORT, 1937
MON 521A	N 48° 59' 48.54"	W 105° 56' 44.44"	JAR 1945
MON 522	N 48° 59' 58.54"	W 105° 56' 40.73"	SPECIAL REPORT, 1937
MON 523	N 48° 59' 58.64"	W 105° 54' 38.81"	SPECIAL REPORT, 1937
*MON 524	N 48° 59' 58.817"	W 105° 52' 39.341"	JAR 1999
*MON 524A	N 48° 59' 58.830"	W 105° 52' 26.557"	JAR 1999
*MON 525	N 48° 59' 58.919"	W 105° 50' 41.829"	JAR 1999
*MON 526	N 48° 59' 59.012"	W 105° 48' 52.586"	JAR 1999
*MON 526A	N 48° 59' 59.111"	W 105° 47' 05.425"	JAR 1999
*MON 527	N 48° 59' 59.127"	W 105° 46' 45.061"	JAR 1999
*MON 528	N 48° 59' 59.250"	W 105° 44' 46.859"	JAR 1999
*MON 529	N 48° 59' 59.358"	W 105° 42' 47.098"	JAR 1999
*MON 530	N 48° 59' 59.263"	W 105° 40' 57.923"	JAR 1999
*MON 531	N 48° 59' 59.140"	W 105° 38' 52.050"	JAR 1999
*MON 532	N 48° 59' 58.996"	W 105° 36' 33.267"	JAR 1999
*MON 532A	N 48° 59' 58.983"	W 105° 36' 21.815"	JAR 1999
*MON 533	N 48° 59' 58.887"	W 105° 35' 05.903"	JAR 1999
*MON 534	N 48° 59' 58.806"	W 105° 33' 38.919"	JAR 1999
*MON 535	N 48° 59' 58.663"	W 105° 31' 06.189"	JAR 1999
*MON 535A	N 48° 59' 58.623"	W 105° 30' 21.052"	JAR 1999
*MON 536	N 48° 59' 58.557"	W 105° 29' 16.674"	JAR 1999
*MON 537	N 48° 59' 58.473"	W 105° 27' 46.625"	JAR 1999
*MON 537A	N 48° 59' 58.465"	W 105° 27' 36.909"	JAR 1999
*MON 538	N 48° 59' 58.376"	W 105° 26' 01.430"	JAR 1999
*MON 538A	N 48° 59' 58.284"	W 105° 24' 28.764"	JAR 1999
*MON 538B	N 48° 59' 58.283"	W 105° 24' 27.476"	JAR 1999
*MON 539	N 48° 59' 58.256"	W 105° 24' 09.014"	JAR 1999
*MON 539A	N 48° 59' 58.187"	W 105° 22' 55.069"	JAR 1999
*MON 539B	N 48° 59' 58.135"	W 105° 22' 06.858"	JAR 1999
*MON 540	N 48° 59' 58.131"	W 105° 22' 03.480"	JAR 1999
*MON 541	N 48° 59' 57.997"	W 105° 19' 56.784"	JAR 1999

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
*MON 542	N 48° 59' 57.880"	W 105° 17' 52.056"	JAR 1999
*MON 542A	N 48° 59' 57.819"	W 105° 16' 53.051"	JAR 1999
*MON 543	N 48° 59' 57.751"	W 105° 15' 53.678"	JAR 1999
*MON 544	N 48° 59' 57.622"	W 105° 13' 51.911"	JAR 1999
*MON 544A	N 48° 59' 57.613"	W 105° 13' 41.421"	JAR 1999
*MON 544B	N 48° 59' 57.608"	W 105° 13' 35.831"	JAR 1999
*MON 545	N 48° 59' 57.600"	W 105° 13' 27.423"	JAR 1999
*MON 545A	N 48° 59' 57.577"	W 105° 12' 54.867"	JAR 1999
*MON 545B	N 48° 59' 57.558"	W 105° 12' 29.576"	JAR 1999
*MON 545C	N 48° 59' 57.527"	W 105° 11' 56.352"	JAR 1999
*MON 546	N 48° 59' 57.473"	W 105° 11' 03.031"	JAR 1999
*MON 546AA	N 48° 59' 57.440"	W 105° 10' 17.607"	JAR 1999
*MON 546AA1	N 48° 59' 57.427"	W 105° 10' 03.162"	JAR 1999
*MON 546A	N 48° 59' 57.411"	W 105° 09' 44.887"	JAR 1999
*MON 546B	N 48° 59' 57.409"	W 105° 09' 43.586"	JAR 1999
*MON 547	N 48° 59' 57.359"	W 105° 08' 50.476"	JAR 1999
*MON 548	N 48° 59' 57.321"	W 105° 07' 10.213"	JAR 1999
*MON 549	N 48° 59' 57.254"	W 105° 04' 47.428"	JAR 1999
*MON 549A	N 48° 59' 57.241"	W 105° 04' 09.985"	JAR 1999
*MON 549B	N 48° 59' 57.218"	W 105° 03' 20.556"	JAR 1999
*MON 550	N 48° 59' 57.210"	W 105° 03' 04.756"	JAR 1999
*MON 551	N 48° 59' 57.172"	W 105° 01' 10.002"	JAR 1999
*MON 552	N 48° 59' 57.139"	W 104° 59' 43.622"	JAR 1999
*MON 553	N 48° 59' 57.045"	W 104° 57' 29.133"	JAR 1999
*MON 553A	N 48° 59' 57.001"	W 104° 56' 18.349"	JAR 1999
*MON 554	N 48° 59' 56.933"	W 104° 54' 54.398"	JAR 1999
*MON 555	N 48° 59' 56.836"	W 104° 52' 30.686"	JAR 1999
*MON 556	N 48° 59' 56.766"	W 104° 50' 17.857"	JAR 1999
*MON 556A	N 48° 59' 56.742"	W 104° 49' 26.827"	JAR 1999
*MON 557	N 48° 59' 56.700"	W 104° 48' 18.443"	JAR 1999
*MON 557A	N 48° 59' 56.671"	W 104° 47' 24.824"	JAR 1999
*MON 558	N 48° 59' 56.604"	W 104° 45' 50.283"	JAR 1999
*MON 559	N 48° 59' 56.567"	W 104° 44' 54.915"	JAR 1999
*MON 560	N 48° 59' 56.515"	W 104° 43' 20.371"	JAR 1999
*MON 560A	N 48° 59' 56.478"	W 104° 42' 04.666"	JAR 1999
*MON 560B	N 48° 59' 56.449"	W 104° 41' 17.045"	JAR 1999
*MON 561	N 48° 59' 56.441"	W 104° 41' 06.028"	JAR 1999
*MON 562	N 48° 59' 56.630"	W 104° 39' 10.087"	JAR 1999
*MON 563	N 48° 59' 56.775"	W 104° 37' 46.750"	JAR 1999
*MON 564	N 48° 59' 56.967"	W 104° 35' 51.561"	JAR 1999

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.



**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
*MON 564A	N 48° 59' 57.111"	W 104° 34' 29.126"	JAR 1999
*MON 564B	N 48° 59' 57.114"	W 104° 34' 27.514"	JAR 1999
*MON 565	N 48° 59' 57.158"	W 104° 34' 00.801"	JAR 1999
*MON 566	N 48° 59' 57.290"	W 104° 32' 38.716"	JAR 1999
*MON 567	N 48° 59' 57.544"	W 104° 30' 07.044"	JAR 1999
*MON 568	N 48° 59' 57.669"	W 104° 28' 45.951"	JAR 1999
*MON 569	N 48° 59' 57.822"	W 104° 27' 15.878"	JAR 1999
*MON 570	N 48° 59' 57.988"	W 104° 25' 35.091"	JAR 1999
*MON 571	N 48° 59' 58.184"	W 104° 23' 41.006"	JAR 1999
*MON 572	N 48° 59' 58.351"	W 104° 21' 57.401"	JAR 1999
*MON 572A	N 48° 59' 58.534"	W 104° 20' 18.853"	JAR 1999
*MON 573	N 48° 59' 58.572"	W 104° 19' 54.935"	JAR 1999
*MON 574	N 48° 59' 58.812"	W 104° 17' 32.783"	JAR 1999
*MON 575	N 48° 59' 58.941"	W 104° 16' 17.313"	JAR 1999
*MON 576	N 48° 59' 59.096"	W 104° 14' 47.098"	JAR 1999
*MON 577	N 48° 59' 59.243"	W 104° 13' 23.322"	JAR 1999
*MON 578	N 48° 59' 59.421"	W 104° 11' 42.225"	JAR 1999
*MON 578A	N 48° 59' 59.481"	W 104° 11' 08.869"	JAR 1999
*MON 579	N 48° 59' 59.573"	W 104° 10' 14.624"	JAR 1999
*MON 579A	N 48° 59' 59.725"	W 104° 08' 55.938"	JAR 1999
*MON 580	N 48° 59' 59.799"	W 104° 08' 14.442"	JAR 1999
*MON 580A	N 48° 59' 59.807"	W 104° 08' 10.318"	JAR 1999
*MON 581	N 48° 59' 59.973"	W 104° 06' 41.635"	JAR 1999
*MON 581A	N 48° 59' 59.945"	W 104° 06' 18.529"	JAR 1999
*MON 582	N 48° 59' 59.767"	W 104° 04' 15.869"	JAR 1999
*MON 582A	N 48° 59' 59.761"	W 104° 04' 12.407"	JAR 1999
*MON 583	N 48° 59' 59.638"	W 104° 02' 55.293"	JAR 1999
*MON 583A	N 48° 59' 59.635"	W 104° 02' 53.098"	JAR 1999
*MON 583B	N 48° 59' 59.631"	W 104° 02' 49.876"	JAR 1999
*MON 584	N 48° 59' 59.467"	W 104° 01' 02.823"	JAR 1999
*MON 585	N 48° 59' 59.370"	W 104° 00' 00.884"	JAR 1999
*MON 585A	N 48° 59' 59.340"	W 103° 59' 40.556"	JAR 1999
*MON 586	N 48° 59' 59.220"	W 103° 58' 24.306"	JAR 1999
*MON 586A	N 48° 59' 59.141"	W 103° 57' 25.590"	JAR 1999
*MON 586B	N 48° 59' 59.101"	W 103° 56' 57.971"	JAR 1999
*MON 586C	N 48° 59' 59.033"	W 103° 56' 11.268"	JAR 1999
*MON 586D	N 48° 59' 59.018"	W 103° 56' 02.446"	JAR 1999
*MON 587	N 48° 59' 59.014"	W 103° 55' 59.234"	JAR 1999
*MON 587A	N 48° 59' 58.994"	W 103° 55' 42.546"	JAR 1999
*MON 587B	N 48° 59' 58.846"	W 103° 53' 56.004"	JAR 1999

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
 Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
*MON 588	N 48° 59' 58.815"	W 103° 53' 36.074"	JAR 1999
*MON 588A	N 48° 59' 58.809"	W 103° 53' 30.925"	JAR 1999
*MON 588B	N 48° 59' 58.615"	W 103° 51' 09.385"	JAR 1999
*MON 589	N 48° 59' 58.607"	W 103° 51' 04.102"	JAR 1999
*MON 590	N 48° 59' 58.424"	W 103° 48' 48.880"	JAR 1999
*MON 590A	N 48° 59' 58.407"	W 103° 48' 34.866"	JAR 1999
*MON 590B	N 48° 59' 58.405"	W 103° 48' 33.336"	JAR 1999
*MON 590C	N 48° 59' 58.261"	W 103° 46' 44.961"	JAR 1999
*MON 591	N 48° 59' 58.226"	W 103° 46' 21.774"	JAR 1999
*MON 591A	N 48° 59' 58.213"	W 103° 46' 11.869"	JAR 1999
*MON 592	N 48° 59' 58.028"	W 103° 44' 05.869"	JAR 1999
*MON 592A	N 48° 59' 57.973"	W 103° 43' 27.529"	JAR 1999
*MON 593	N 48° 59' 57.909"	W 103° 42' 44.658"	JAR 1999
*MON 594	N 48° 59' 57.760"	W 103° 41' 03.705"	JAR 1999
*MON 595	N 48° 59' 57.610"	W 103° 39' 20.259"	JAR 1999
*MON 595A	N 48° 59' 57.533"	W 103° 38' 23.263"	JAR 1999
*MON 596	N 48° 59' 57.473"	W 103° 37' 41.144"	JAR 1999
*MON 597	N 48° 59' 57.321"	W 103° 35' 57.476"	JAR 1999
*MON 597A	N 48° 59' 57.329"	W 103° 35' 40.516"	JAR 1999
*MON 598	N 48° 59' 57.372"	W 103° 34' 02.160"	JAR 1999
*MON 599	N 48° 59' 57.411"	W 103° 32' 27.459"	JAR 1999
*MON 599A	N 48° 59' 57.445"	W 103° 31' 10.901"	JAR 1999
*MON 600	N 48° 59' 57.448"	W 103° 30' 57.247"	JAR 1999
*MON 601	N 48° 59' 57.485"	W 103° 29' 32.645"	JAR 1999
*MON 601A-66	N 48° 59' 57.497"	W 103° 29' 13.382"	JAR 1999
*MON 601B-66	N 48° 59' 57.497"	W 103° 29' 11.626"	JAR 1999
*MON 601C	N 48° 59' 57.523"	W 103° 28' 15.755"	JAR 1999
*MON 602	N 48° 59' 57.542"	W 103° 27' 11.502"	JAR 1999
*MON 603	N 48° 59' 57.600"	W 103° 24' 56.250"	JAR 1999
*MON 604	N 48° 59' 57.649"	W 103° 22' 51.162"	JAR 1999
*MON 604A	N 48° 59' 57.659"	W 103° 22' 31.757"	JAR 1999
*MON 604B	N 48° 59' 57.681"	W 103° 21' 35.623"	JAR 1999
*MON 605	N 48° 59' 57.693"	W 103° 21' 01.967"	JAR 1999
*MON 605A	N 48° 59' 57.707"	W 103° 20' 31.098"	JAR 1999
*MON 605B	N 48° 59' 57.718"	W 103° 20' 01.330"	JAR 1999
*MON 606	N 48° 59' 57.736"	W 103° 18' 52.484"	JAR 1999
*MON 607	N 48° 59' 57.779"	W 103° 17' 02.049"	JAR 1999
*MON 608	N 48° 59' 57.810"	W 103° 15' 36.469"	JAR 1999
*MON 609	N 48° 59' 57.863"	W 103° 13' 46.212"	JAR 1999
*MON 610	N 48° 59' 57.911"	W 103° 12' 11.520"	JAR 1999

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
*MON 610A	N 48° 59' 57.898"	W 103° 11' 51.917"	JAR 1999
*MON 611	N 48° 59' 57.801"	W 103° 09' 51.961"	JAR 1999
*MON 612	N 48° 59' 57.711"	W 103° 07' 50.877"	JAR 1999
*MON 613	N 48° 59' 57.704"	W 103° 05' 40.191"	JAR 1999
*MON 614	N 48° 59' 57.694"	W 103° 03' 09.322"	JAR 1999
*MON 615	N 48° 59' 57.653"	W 103° 00' 58.638"	JAR 1999
*MON 615A-66	N 48° 59' 57.646"	W 103° 00' 18.617"	JAR 1999
*MON 615B-66	N 48° 59' 57.646"	W 103° 00' 15.803"	JAR 1999
*MON 616	N 48° 59' 57.618"	W 102° 58' 52.223"	JAR 1999
*MON 616A	N 48° 59' 57.583"	W 102° 57' 12.804"	JAR 1999
*MON 617	N 48° 59' 57.570"	W 102° 56' 48.893"	JAR 1999
*MON 618	N 48° 59' 57.515"	W 102° 54' 36.020"	JAR 1999
*MON 619	N 48° 59' 57.500"	W 102° 53' 00.168"	JAR 1999
*MON 620	N 48° 59' 57.483"	W 102° 51' 02.332"	JAR 1999
*MON 621	N 48° 59' 57.433"	W 102° 49' 42.252"	JAR 1999
*MON 622	N 48° 59' 57.290"	W 102° 47' 56.962"	JAR 1999
*MON 622A	N 48° 59' 57.216"	W 102° 47' 02.790"	JAR 1999
*MON 623	N 48° 59' 57.194"	W 102° 46' 47.604"	JAR 1999
*MON 624	N 48° 59' 57.110"	W 102° 44' 53.524"	JAR 1999
*MON 624A	N 48° 59' 57.086"	W 102° 44' 17.657"	JAR 1999
*MON 625	N 48° 59' 57.015"	W 102° 42' 49.992"	JAR 1999
*MON 626	N 48° 59' 56.889"	W 102° 41' 11.846"	JAR 1999
*MON 626A	N 48° 59' 56.889"	W 102° 40' 24.124"	JAR 1999
*MON 627	N 48° 59' 56.752"	W 102° 39' 30.726"	JAR 1999
*MON 628	N 48° 59' 56.641"	W 102° 37' 53.098"	JAR 1999
*MON 628A	N 48° 59' 56.553"	W 102° 36' 29.143"	JAR 1999
*MON 629	N 48° 59' 56.496"	W 102° 35' 40.881"	JAR 1999
*MON 629AA	N 48° 59' 56.404"	W 102° 34' 16.626"	JAR 1999
*MON 630	N 48° 59' 56.304"	W 102° 33' 01.579"	JAR 1999
*MON 631	N 48° 59' 56.186"	W 102° 31' 25.043"	JAR 1999
*MON 631A	N 48° 59' 56.085"	W 102° 29' 59.106"	JAR 1999
*MON 632	N 48° 59' 56.021"	W 102° 29' 15.545"	JAR 1999
*MON 633	N 48° 59' 55.873"	W 102° 27' 23.568"	JAR 1999
*MON 634	N 48° 59' 55.892"	W 102° 24' 52.709"	JAR 1999
*MON 635	N 48° 59' 55.910"	W 102° 22' 39.049"	JAR 1999
MON 636	N 48° 59' 55.66"	W 102° 20' 50.35"	SPECIAL REPORT, 1937
*MON 637	N 48° 59' 55.952"	W 102° 18' 53.144"	JAR 1999
*MON 638	N 48° 59' 55.967"	W 102° 16' 50.762"	JAR 1999
*MON 638A-66	N 48° 59' 55.973"	W 102° 16' 31.914"	JAR 1999
*MON 638B-66	N 48° 59' 55.974"	W 102° 16' 29.010"	JAR 1999

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**  
Geographical Coordinates listing

**NAD27 (199 points marked with an asterisk are in NAD 83)**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
*MON 639	N 48° 59' 55.993"	W 102° 14' 43.034"	JAR 1999
*MON 639A	N 48° 59' 56.000"	W 102° 14' 13.411"	JAR 1999
*MON 639B	N 48° 59' 56.007"	W 102° 13' 25.269"	JAR 1999
*MON 640	N 48° 59' 56.008"	W 102° 13' 08.700"	JAR 1999
*MON 641	N 48° 59' 56.015"	W 102° 12' 30.055"	JAR 1999
*MON 641A	N 48° 59' 56.025"	W 102° 11' 57.148"	JAR 1999
*MON 642	N 48° 59' 56.034"	W 102° 10' 50.442"	JAR 1999
*MON 642A	N 48° 59' 56.053"	W 102° 09' 40.752"	JAR 1999
*MON 643	N 48° 59' 56.059"	W 102° 08' 48.764"	JAR 1999
*MON 644	N 48° 59' 56.086"	W 102° 06' 47.153"	JAR 1999
*MON 644A	N 48° 59' 56.100"	W 102° 05' 57.265"	JAR 1999
*MON 645	N 48° 59' 56.111"	W 102° 04' 33.826"	JAR 1999
*MON 646	N 48° 59' 56.133"	W 102° 02' 48.794"	JAR 1999
MON 647	N 48° 59' 55.87"	W 102° 00' 43.15"	SPECIAL REPORT, 1937
MON 648	N 48° 59' 55.89"	W 101° 58' 49.30"	SPECIAL REPORT, 1937
MON 649	N 48° 59' 56.07"	W 101° 57' 22.33"	SPECIAL REPORT, 1937
MON 650	N 48° 59' 56.24"	W 101° 55' 51.58"	SPECIAL REPORT, 1937
MON 651	N 48° 59' 56.45"	W 101° 53' 53.53"	SPECIAL REPORT, 1937
MON 652	N 48° 59' 56.55"	W 101° 51' 22.51"	SPECIAL REPORT, 1937
MON 653	N 48° 59' 56.60"	W 101° 50' 08.32"	SPECIAL REPORT, 1937
MON 654	N 48° 59' 56.69"	W 101° 48' 36.33"	SPECIAL REPORT, 1937
MON 655	N 48° 59' 56.78"	W 101° 47' 01.89"	SPECIAL REPORT, 1937
MON 656	N 48° 59' 56.90"	W 101° 45' 13.88"	SPECIAL REPORT, 1937
MON 657	N 48° 59' 57.01"	W 101° 43' 30.96"	SPECIAL REPORT, 1937
MON 658	N 48° 59' 57.11"	W 101° 41' 52.80"	SPECIAL REPORT, 1937
MON 659	N 48° 59' 57.21"	W 101° 40' 21.36"	SPECIAL REPORT, 1937
MON 660	N 48° 59' 57.31"	W 101° 38' 49.07"	SPECIAL REPORT, 1937
MON 660A-66	N 48° 59' 57.39"	W 101° 37' 40.01"	JAR 1966
MON 660B-66	N 49° 59' 57.39"	W 101° 37' 37.60"	JAR 1966
MON 661	N 48° 59' 57.43"	W 101° 36' 59.88"	SPECIAL REPORT, 1937
MON 662	N 48° 59' 57.55"	W 101° 35' 15.73"	SPECIAL REPORT, 1937
MON 663	N 48° 59' 57.67"	W 101° 33' 29.08"	SPECIAL REPORT, 1937
MON 664	N 48° 59' 57.80"	W 101° 31' 44.39"	SPECIAL REPORT, 1937
MON 665	N 48° 59' 57.90"	W 101° 30' 20.50"	SPECIAL REPORT, 1937
MON 666	N 48° 59' 58.01"	W 101° 28' 54.00"	SPECIAL REPORT, 1937
MON 667	N 48° 59' 58.02"	W 101° 27' 22.52"	SPECIAL REPORT, 1937
MON 668	N 48° 59' 58.02"	W 101° 26' 03.12"	SPECIAL REPORT, 1937
MON 669	N 48° 59' 58.02"	W 101° 23' 52.64"	SPECIAL REPORT, 1937
MON 670	N 48° 59' 58.03"	W 101° 22' 04.81"	SPECIAL REPORT, 1937
MON 671	N 48° 59' 58.04"	W 101° 20' 05.26"	SPECIAL REPORT, 1937

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)  
Geographical Coordinates listing



Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-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.

<b>NAD83</b>			
<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 290	N 48° 59' 53.1"	W 113° 23' 17.0"	Averaged NADCON/NTV2 grid shift
MON 290A	N 48° 59' 53.2"	W 113° 22' 44.8"	Averaged NADCON/NTV2 grid shift
MON 290B	N 48° 59' 53.2"	W 113° 22' 43.6"	Averaged NADCON/NTV2 grid shift
MON 291	N 48° 59' 53.3"	W 113° 20' 46.0"	Averaged NADCON/NTV2 grid shift
MON 292	N 48° 59' 53.5"	W 113° 18' 56.8"	Averaged NADCON/NTV2 grid shift
MON 293	N 48° 59' 53.6"	W 113° 17' 14.4"	Averaged NADCON/NTV2 grid shift
MON 294	N 48° 59' 53.7"	W 113° 15' 37.0"	Averaged NADCON/NTV2 grid shift
MON 295	N 48° 59' 53.9"	W 113° 13' 27.7"	Averaged NADCON/NTV2 grid shift
MON 296	N 48° 59' 54.0"	W 113° 12' 30.1"	Averaged NADCON/NTV2 grid shift
MON 297	N 48° 59' 54.2"	W 113° 10' 23.7"	Averaged NADCON/NTV2 grid shift
MON 298	N 48° 59' 54.3"	W 113° 08' 28.9"	Averaged NADCON/NTV2 grid shift
MON 299	N 48° 59' 54.5"	W 113° 06' 17.9"	Averaged NADCON/NTV2 grid shift
MON 300	N 48° 59' 54.7"	W 113° 03' 51.7"	Averaged NADCON/NTV2 grid shift
MON 301	N 48° 59' 54.8"	W 113° 02' 15.6"	Averaged NADCON/NTV2 grid shift
MON 302	N 48° 59' 55.0"	W 112° 59' 25.1"	Averaged NADCON/NTV2 grid shift
MON 303	N 48° 59' 54.8"	W 112° 57' 10.8"	Averaged NADCON/NTV2 grid shift
MON 304	N 48° 59' 54.5"	W 112° 55' 26.2"	Averaged NADCON/NTV2 grid shift
MON 305	N 48° 59' 54.6"	W 112° 53' 22.1"	Averaged NADCON/NTV2 grid shift
MON 306	N 48° 59' 54.7"	W 112° 51' 20.1"	Averaged NADCON/NTV2 grid shift
MON 307	N 48° 59' 54.7"	W 112° 49' 23.5"	Averaged NADCON/NTV2 grid shift
MON 308	N 48° 59' 54.8"	W 112° 47' 29.3"	Averaged NADCON/NTV2 grid shift
MON 308A	N 48° 59' 54.8"	W 112° 47' 18.5"	Averaged NADCON/NTV2 grid shift
MON 308B	N 48° 59' 54.8"	W 112° 47' 17.7"	Averaged NADCON/NTV2 grid shift
MON 309	N 48° 59' 54.9"	W 112° 45' 36.7"	Averaged NADCON/NTV2 grid shift
MON 310	N 48° 59' 55.0"	W 112° 43' 31.0"	Averaged NADCON/NTV2 grid shift
MON 311	N 48° 59' 55.2"	W 112° 41' 39.5"	Averaged NADCON/NTV2 grid shift
MON 312	N 48° 59' 55.2"	W 112° 39' 28.3"	Averaged NADCON/NTV2 grid shift
MON 313	N 48° 59' 55.3"	W 112° 37' 28.6"	Averaged NADCON/NTV2 grid shift
MON 314	N 48° 59' 55.4"	W 112° 35' 38.5"	Averaged NADCON/NTV2 grid shift
MON 315	N 48° 59' 55.4"	W 112° 33' 51.9"	Averaged NADCON/NTV2 grid shift
MON 316	N 48° 59' 55.5"	W 112° 31' 52.4"	Averaged NADCON/NTV2 grid shift
MON 317	N 48° 59' 55.5"	W 112° 29' 39.7"	Averaged NADCON/NTV2 grid shift
MON 318	N 48° 59' 55.2"	W 112° 28' 20.8"	Averaged NADCON/NTV2 grid shift
MON 319	N 48° 59' 54.7"	W 112° 26' 21.7"	Averaged NADCON/NTV2 grid shift
MON 320	N 48° 59' 55.3"	W 112° 23' 35.7"	Averaged NADCON/NTV2 grid shift
MON 321	N 48° 59' 55.3"	W 112° 21' 13.7"	Averaged NADCON/NTV2 grid shift
MON 322	N 48° 59' 55.3"	W 112° 20' 03.6"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)

Geographical Coordinates listing

NAD83

Point	Latitude	Longitude	Source
MON 323	N 48° 59' 55.3"	W 112° 17' 55.0"	Averaged NADCON/NTV2 grid shift
MON 324	N 48° 59' 55.3"	W 112° 16' 06.6"	Averaged NADCON/NTV2 grid shift
MON 325	N 48° 59' 55.3"	W 112° 14' 19.7"	Averaged NADCON/NTV2 grid shift
MON 326	N 48° 59' 55.3"	W 112° 11' 51.5"	Averaged NADCON/NTV2 grid shift
MON 327	N 48° 59' 55.2"	W 112° 09' 34.7"	Averaged NADCON/NTV2 grid shift
MON 328	N 48° 59' 55.3"	W 112° 07' 45.9"	Averaged NADCON/NTV2 grid shift
MON 329	N 48° 59' 55.2"	W 112° 06' 03.5"	Averaged NADCON/NTV2 grid shift
MON 330	N 48° 59' 55.2"	W 112° 03' 50.8"	Averaged NADCON/NTV2 grid shift
MON 331	N 48° 59' 55.2"	W 112° 01' 25.1"	Averaged NADCON/NTV2 grid shift
MON 332	N 48° 59' 54.7"	W 111° 59' 43.3"	Averaged NADCON/NTV2 grid shift
MON 333	N 48° 59' 54.3"	W 111° 58' 10.0"	Averaged NADCON/NTV2 grid shift
MON 334	N 48° 59' 54.2"	W 111° 57' 31.4"	Averaged NADCON/NTV2 grid shift
MON 335	N 48° 59' 54.0"	W 111° 56' 41.4"	Averaged NADCON/NTV2 grid shift
MON 336	N 48° 59' 53.6"	W 111° 54' 52.7"	Averaged NADCON/NTV2 grid shift
MON 337	N 48° 59' 53.3"	W 111° 53' 41.0"	Averaged NADCON/NTV2 grid shift
MON 338	N 48° 59' 52.8"	W 111° 52' 08.9"	Averaged NADCON/NTV2 grid shift
MON 339	N 48° 59' 52.2"	W 111° 49' 57.2"	Averaged NADCON/NTV2 grid shift
MON 340	N 48° 59' 51.8"	W 111° 48' 26.2"	Averaged NADCON/NTV2 grid shift
MON 341	N 48° 59' 51.2"	W 111° 46' 09.5"	Averaged NADCON/NTV2 grid shift
MON 342	N 48° 59' 50.7"	W 111° 44' 22.3"	Averaged NADCON/NTV2 grid shift
MON 343	N 48° 59' 50.1"	W 111° 42' 08.3"	Averaged NADCON/NTV2 grid shift
MON 344	N 48° 59' 49.6"	W 111° 40' 10.6"	Averaged NADCON/NTV2 grid shift
MON 345	N 48° 59' 49.1"	W 111° 38' 11.2"	Averaged NADCON/NTV2 grid shift
MON 346	N 48° 59' 48.5"	W 111° 36' 13.0"	Averaged NADCON/NTV2 grid shift
MON 347	N 48° 59' 48.0"	W 111° 34' 32.5"	Averaged NADCON/NTV2 grid shift
MON 348	N 48° 59' 48.2"	W 111° 32' 46.3"	Averaged NADCON/NTV2 grid shift
MON 349	N 48° 59' 48.4"	W 111° 31' 15.7"	Averaged NADCON/NTV2 grid shift
MON 350	N 48° 59' 48.7"	W 111° 28' 49.2"	Averaged NADCON/NTV2 grid shift
MON 351	N 48° 59' 48.9"	W 111° 26' 42.4"	Averaged NADCON/NTV2 grid shift
MON 352	N 48° 59' 49.1"	W 111° 24' 29.7"	Averaged NADCON/NTV2 grid shift
MON 353	N 48° 59' 49.3"	W 111° 23' 01.1"	Averaged NADCON/NTV2 grid shift
MON 354	N 48° 59' 49.5"	W 111° 21' 24.5"	Averaged NADCON/NTV2 grid shift
MON 355	N 48° 59' 49.7"	W 111° 19' 09.4"	Averaged NADCON/NTV2 grid shift
MON 356	N 48° 59' 50.0"	W 111° 16' 42.3"	Averaged NADCON/NTV2 grid shift
MON 356A	N 48° 59' 50.1"	W 111° 15' 33.4"	Averaged NADCON/NTV2 grid shift
MON 356B	N 48° 59' 50.2"	W 111° 15' 28.5"	Averaged NADCON/NTV2 grid shift
MON 357	N 48° 59' 50.3"	W 111° 14' 17.1"	Averaged NADCON/NTV2 grid shift
MON 358	N 48° 59' 50.5"	W 111° 12' 08.4"	Averaged NADCON/NTV2 grid shift
MON 359	N 48° 59' 50.7"	W 111° 10' 50.5"	Averaged NADCON/NTV2 grid shift
MON 360	N 48° 59' 51.0"	W 111° 09' 00.0"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)

Geographical Coordinates listing

NAD83

Point	Latitude	Longitude	Source
MON 361	N 48° 59' 51.4"	W 111° 06' 28.5"	Averaged NADCON/NTV2 grid shift
MON 362	N 48° 59' 51.5"	W 111° 05' 22.5"	Averaged NADCON/NTV2 grid shift
MON 363	N 48° 59' 52.0"	W 111° 02' 34.2"	Averaged NADCON/NTV2 grid shift
MON 364	N 48° 59' 52.3"	W 111° 00' 34.7"	Averaged NADCON/NTV2 grid shift
MON 365	N 48° 59' 52.7"	W 110° 58' 32.7"	Averaged NADCON/NTV2 grid shift
MON 366	N 48° 59' 53.0"	W 110° 56' 47.7"	Averaged NADCON/NTV2 grid shift
MON 367	N 48° 59' 53.1"	W 110° 55' 30.1"	Averaged NADCON/NTV2 grid shift
MON 368	N 48° 59' 53.4"	W 110° 52' 48.5"	Averaged NADCON/NTV2 grid shift
MON 369	N 48° 59' 53.7"	W 110° 51' 15.8"	Averaged NADCON/NTV2 grid shift
MON 370	N 48° 59' 54.2"	W 110° 49' 34.3"	Averaged NADCON/NTV2 grid shift
MON 371	N 48° 59' 54.6"	W 110° 47' 02.1"	Averaged NADCON/NTV2 grid shift
MON 372	N 48° 59' 55.0"	W 110° 44' 52.5"	Averaged NADCON/NTV2 grid shift
MON 373	N 48° 59' 55.1"	W 110° 43' 01.2"	Averaged NADCON/NTV2 grid shift
MON 374	N 48° 59' 55.3"	W 110° 41' 02.1"	Averaged NADCON/NTV2 grid shift
MON 375	N 48° 59' 55.5"	W 110° 38' 54.4"	Averaged NADCON/NTV2 grid shift
MON 376	N 48° 59' 55.6"	W 110° 37' 08.8"	Averaged NADCON/NTV2 grid shift
MON 377	N 48° 59' 55.8"	W 110° 34' 53.6"	Averaged NADCON/NTV2 grid shift
MON 378	N 48° 59' 55.9"	W 110° 33' 30.1"	Averaged NADCON/NTV2 grid shift
MON 379	N 48° 59' 56.1"	W 110° 30' 51.0"	Averaged NADCON/NTV2 grid shift
MON 380	N 48° 59' 56.2"	W 110° 29' 31.7"	Averaged NADCON/NTV2 grid shift
MON 381	N 48° 59' 56.5"	W 110° 26' 52.5"	Averaged NADCON/NTV2 grid shift
MON 382	N 48° 59' 56.6"	W 110° 25' 21.2"	Averaged NADCON/NTV2 grid shift
MON 383	N 48° 59' 56.8"	W 110° 22' 55.7"	Averaged NADCON/NTV2 grid shift
MON 384	N 48° 59' 56.9"	W 110° 21' 11.9"	Averaged NADCON/NTV2 grid shift
MON 385	N 48° 59' 57.1"	W 110° 19' 33.9"	Averaged NADCON/NTV2 grid shift
MON 386	N 48° 59' 57.3"	W 110° 17' 11.4"	Averaged NADCON/NTV2 grid shift
MON 387	N 48° 59' 57.5"	W 110° 15' 28.2"	Averaged NADCON/NTV2 grid shift
MON 388	N 48° 59' 57.6"	W 110° 13' 39.0"	Averaged NADCON/NTV2 grid shift
MON 388A	N 48° 59' 57.7"	W 110° 12' 59.1"	Averaged NADCON/NTV2 grid shift
MON 388B	N 48° 59' 57.7"	W 110° 12' 54.3"	Averaged NADCON/NTV2 grid shift
MON 389	N 48° 59' 57.8"	W 110° 11' 30.1"	Averaged NADCON/NTV2 grid shift
MON 390	N 48° 59' 58.0"	W 110° 08' 55.3"	Averaged NADCON/NTV2 grid shift
MON 391	N 48° 59' 58.2"	W 110° 06' 34.1"	Averaged NADCON/NTV2 grid shift
MON 392	N 48° 59' 58.3"	W 110° 04' 47.6"	Averaged NADCON/NTV2 grid shift
MON 393	N 48° 59' 58.5"	W 110° 02' 36.9"	Averaged NADCON/NTV2 grid shift
MON 394	N 48° 59' 58.6"	W 110° 00' 03.1"	Averaged NADCON/NTV2 grid shift
MON 395	N 48° 59' 58.7"	W 109° 58' 39.8"	Averaged NADCON/NTV2 grid shift
MON 396	N 48° 59' 58.9"	W 109° 56' 35.6"	Averaged NADCON/NTV2 grid shift
MON 397	N 48° 59' 59.1"	W 109° 54' 42.6"	Averaged NADCON/NTV2 grid shift
MON 398	N 48° 59' 59.2"	W 109° 53' 01.9"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.



49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)

Geographical Coordinates listing

NAD83

Point	Latitude	Longitude	Source
MON 399	N 48° 59' 59.4"	W 109° 50' 45.1"	Averaged NADCON/NTV2 grid shift
MON 400	N 48° 59' 59.5"	W 109° 48' 30.1"	Averaged NADCON/NTV2 grid shift
MON 401	N 48° 59' 59.6"	W 109° 46' 48.1"	Averaged NADCON/NTV2 grid shift
MON 402	N 48° 59' 59.7"	W 109° 45' 22.2"	Averaged NADCON/NTV2 grid shift
MON 402A	N 48° 59' 59.9"	W 109° 43' 54.1"	Averaged NADCON/NTV2 grid shift
MON 402B	N 48° 59' 59.8"	W 109° 43' 52.8"	Averaged NADCON/NTV2 grid shift
MON 403	N 48° 59' 59.9"	W 109° 42' 50.8"	Averaged NADCON/NTV2 grid shift
MON 404	N 49° 00' 00.2"	W 109° 40' 26.7"	Averaged NADCON/NTV2 grid shift
MON 405	N 49° 00' 00.3"	W 109° 38' 55.3"	Averaged NADCON/NTV2 grid shift
MON 406	N 49° 00' 00.5"	W 109° 37' 22.4"	Averaged NADCON/NTV2 grid shift
MON 407	N 49° 00' 00.7"	W 109° 34' 52.1"	Averaged NADCON/NTV2 grid shift
MON 408	N 49° 00' 00.9"	W 109° 32' 51.8"	Averaged NADCON/NTV2 grid shift
MON 409	N 49° 00' 01.1"	W 109° 30' 58.7"	Averaged NADCON/NTV2 grid shift
MON 410	N 49° 00' 01.2"	W 109° 29' 36.6"	Averaged NADCON/NTV2 grid shift
MON 411	N 49° 00' 01.3"	W 109° 27' 39.2"	Averaged NADCON/NTV2 grid shift
MON 412	N 49° 00' 01.4"	W 109° 26' 43.7"	Averaged NADCON/NTV2 grid shift
MON 413	N 49° 00' 01.5"	W 109° 25' 14.2"	Averaged NADCON/NTV2 grid shift
MON 414	N 49° 00' 01.4"	W 109° 23' 31.2"	Averaged NADCON/NTV2 grid shift
MON 415	N 49° 00' 01.3"	W 109° 21' 55.4"	Averaged NADCON/NTV2 grid shift
MON 416	N 49° 00' 01.0"	W 109° 19' 57.0"	Averaged NADCON/NTV2 grid shift
MON 417	N 49° 00' 00.7"	W 109° 18' 07.4"	Averaged NADCON/NTV2 grid shift
MON 418	N 49° 00' 00.5"	W 109° 16' 42.0"	Averaged NADCON/NTV2 grid shift
MON 419	N 49° 00' 00.2"	W 109° 14' 30.5"	Averaged NADCON/NTV2 grid shift
MON 420	N 48° 59' 60.0"	W 109° 12' 40.3"	Averaged NADCON/NTV2 grid shift
MON 421	N 48° 59' 59.8"	W 109° 11' 31.2"	Averaged NADCON/NTV2 grid shift
MON 422	N 48° 59' 59.6"	W 109° 10' 05.7"	Averaged NADCON/NTV2 grid shift
MON 423	N 48° 59' 59.4"	W 109° 07' 51.8"	Averaged NADCON/NTV2 grid shift
MON 424	N 48° 59' 59.1"	W 109° 05' 31.5"	Averaged NADCON/NTV2 grid shift
MON 425	N 48° 59' 58.8"	W 109° 03' 20.4"	Averaged NADCON/NTV2 grid shift
MON 426	N 48° 59' 58.7"	W 109° 01' 55.4"	Averaged NADCON/NTV2 grid shift
MON 427	N 48° 59' 58.4"	W 108° 59' 50.5"	Averaged NADCON/NTV2 grid shift
MON 428	N 48° 59' 58.2"	W 108° 57' 41.9"	Averaged NADCON/NTV2 grid shift
MON 429	N 48° 59' 57.9"	W 108° 55' 50.6"	Averaged NADCON/NTV2 grid shift
MON 430	N 48° 59' 57.8"	W 108° 54' 12.7"	Averaged NADCON/NTV2 grid shift
MON 431	N 48° 59' 57.5"	W 108° 52' 11.7"	Averaged NADCON/NTV2 grid shift
MON 432	N 48° 59' 57.3"	W 108° 50' 07.8"	Averaged NADCON/NTV2 grid shift
MON 433	N 48° 59' 57.3"	W 108° 48' 35.7"	Averaged NADCON/NTV2 grid shift
MON 434	N 48° 59' 57.4"	W 108° 47' 01.4"	Averaged NADCON/NTV2 grid shift
MON 435	N 48° 59' 57.4"	W 108° 45' 26.3"	Averaged NADCON/NTV2 grid shift
MON 436	N 48° 59' 57.5"	W 108° 43' 38.1"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)

Geographical Coordinates listing

NAD83

Point	Latitude	Longitude	Source
MON 437	N 48° 59' 57.6"	W 108° 41' 26.6"	Averaged NADCON/NTV2 grid shift
MON 438	N 48° 59' 57.7"	W 108° 39' 41.9"	Averaged NADCON/NTV2 grid shift
MON 439	N 48° 59' 57.8"	W 108° 37' 30.9"	Averaged NADCON/NTV2 grid shift
MON 440	N 48° 59' 57.9"	W 108° 35' 50.3"	Averaged NADCON/NTV2 grid shift
MON 441	N 48° 59' 58.0"	W 108° 33' 21.4"	Averaged NADCON/NTV2 grid shift
MON 442	N 48° 59' 58.0"	W 108° 31' 25.6"	Averaged NADCON/NTV2 grid shift
MON 443	N 48° 59' 58.1"	W 108° 30' 10.7"	Averaged NADCON/NTV2 grid shift
MON 444	N 48° 59' 58.2"	W 108° 28' 28.1"	Averaged NADCON/NTV2 grid shift
MON 445	N 48° 59' 58.1"	W 108° 26' 32.4"	Averaged NADCON/NTV2 grid shift
MON 446	N 48° 59' 58.1"	W 108° 25' 26.2"	Averaged NADCON/NTV2 grid shift
MON 446A	N 48° 59' 58.3"	W 108° 23' 16.5"	Averaged NADCON/NTV2 grid shift
MON 447	N 48° 59' 58.3"	W 108° 23' 15.5"	Averaged NADCON/NTV2 grid shift
MON 448	N 48° 59' 58.4"	W 108° 21' 06.7"	Averaged NADCON/NTV2 grid shift
MON 449	N 48° 59' 58.5"	W 108° 18' 54.0"	Averaged NADCON/NTV2 grid shift
MON 450	N 48° 59' 58.6"	W 108° 16' 53.2"	Averaged NADCON/NTV2 grid shift
MON 451	N 48° 59' 58.7"	W 108° 14' 14.2"	Averaged NADCON/NTV2 grid shift
MON 452	N 48° 59' 58.7"	W 108° 12' 16.2"	Averaged NADCON/NTV2 grid shift
MON 453	N 48° 59' 58.8"	W 108° 10' 36.1"	Averaged NADCON/NTV2 grid shift
MON 454	N 48° 59' 58.8"	W 108° 08' 32.5"	Averaged NADCON/NTV2 grid shift
MON 455	N 48° 59' 58.8"	W 108° 06' 37.3"	Averaged NADCON/NTV2 grid shift
MON 456	N 48° 59' 58.9"	W 108° 04' 37.3"	Averaged NADCON/NTV2 grid shift
MON 457	N 48° 59' 58.9"	W 108° 02' 41.1"	Averaged NADCON/NTV2 grid shift
MON 458	N 48° 59' 59.0"	W 108° 00' 40.0"	Averaged NADCON/NTV2 grid shift
MON 459	N 48° 59' 59.0"	W 107° 58' 43.4"	Averaged NADCON/NTV2 grid shift
MON 460	N 48° 59' 59.1"	W 107° 56' 56.8"	Averaged NADCON/NTV2 grid shift
MON 461	N 48° 59' 59.1"	W 107° 54' 45.7"	Averaged NADCON/NTV2 grid shift
MON 462	N 48° 59' 59.2"	W 107° 53' 10.0"	Averaged NADCON/NTV2 grid shift
MON 463	N 48° 59' 59.2"	W 107° 50' 47.8"	Averaged NADCON/NTV2 grid shift
MON 463A	N 48° 59' 59.2"	W 107° 49' 56.5"	Averaged NADCON/NTV2 grid shift
MON 463B	N 48° 59' 59.2"	W 107° 49' 54.8"	Averaged NADCON/NTV2 grid shift
MON 464	N 48° 59' 59.2"	W 107° 49' 12.3"	Averaged NADCON/NTV2 grid shift
MON 465	N 48° 59' 59.3"	W 107° 46' 50.2"	Averaged NADCON/NTV2 grid shift
MON 466	N 48° 59' 59.2"	W 107° 45' 35.8"	Averaged NADCON/NTV2 grid shift
MON 467	N 48° 59' 59.1"	W 107° 43' 56.4"	Averaged NADCON/NTV2 grid shift
MON 468	N 48° 59' 59.0"	W 107° 43' 02.5"	Averaged NADCON/NTV2 grid shift
MON 469	N 48° 59' 58.8"	W 107° 41' 19.7"	Averaged NADCON/NTV2 grid shift
MON 470	N 48° 59' 58.7"	W 107° 39' 28.4"	Averaged NADCON/NTV2 grid shift
MON 471	N 48° 59' 58.6"	W 107° 37' 37.3"	Averaged NADCON/NTV2 grid shift
MON 472	N 48° 59' 58.4"	W 107° 35' 46.7"	Averaged NADCON/NTV2 grid shift
MON 473	N 48° 59' 58.3"	W 107° 33' 27.5"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)

Geographical Coordinates listing

<b>NAD83</b>			
<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 474	N 48° 59' 58.2"	W 107° 31' 36.6"	Averaged NADCON/NTV2 grid shift
MON 475	N 48° 59' 58.0"	W 107° 29' 41.9"	Averaged NADCON/NTV2 grid shift
MON 476	N 48° 59' 57.9"	W 107° 28' 03.4"	Averaged NADCON/NTV2 grid shift
MON 477	N 48° 59' 57.8"	W 107° 26' 29.6"	Averaged NADCON/NTV2 grid shift
MON 478	N 48° 59' 57.7"	W 107° 24' 56.0"	Averaged NADCON/NTV2 grid shift
MON 479	N 48° 59' 59.0"	W 107° 23' 19.7"	Averaged NADCON/NTV2 grid shift
MON 480	N 49° 00' 00.4"	W 107° 21' 41.5"	Averaged NADCON/NTV2 grid shift
MON 481	N 49° 00' 00.3"	W 107° 19' 20.1"	Averaged NADCON/NTV2 grid shift
MON 482	N 49° 00' 00.3"	W 107° 17' 06.9"	Averaged NADCON/NTV2 grid shift
MON 483	N 49° 00' 00.3"	W 107° 15' 13.3"	Averaged NADCON/NTV2 grid shift
MON 484	N 49° 00' 00.3"	W 107° 13' 12.8"	Averaged NADCON/NTV2 grid shift
MON 485	N 49° 00' 00.3"	W 107° 10' 31.8"	Averaged NADCON/NTV2 grid shift
MON 486	N 49° 00' 00.2"	W 107° 08' 42.7"	Averaged NADCON/NTV2 grid shift
MON 487	N 49° 00' 00.2"	W 107° 06' 50.4"	Averaged NADCON/NTV2 grid shift
MON 488	N 49° 00' 00.1"	W 107° 03' 58.6"	Averaged NADCON/NTV2 grid shift
MON 489	N 49° 00' 00.1"	W 107° 01' 38.4"	Averaged NADCON/NTV2 grid shift
MON 490	N 49° 00' 00.1"	W 106° 59' 08.7"	Averaged NADCON/NTV2 grid shift
MON 491	N 49° 00' 00.1"	W 106° 57' 10.3"	Averaged NADCON/NTV2 grid shift
MON 492	N 49° 00' 00.0"	W 106° 54' 55.8"	Averaged NADCON/NTV2 grid shift
MON 493	N 48° 59' 60.0"	W 106° 53' 03.8"	Averaged NADCON/NTV2 grid shift
MON 494	N 48° 59' 60.0"	W 106° 51' 21.4"	Averaged NADCON/NTV2 grid shift
MON 495	N 48° 59' 59.9"	W 106° 49' 10.6"	Averaged NADCON/NTV2 grid shift
MON 496	N 48° 59' 59.9"	W 106° 47' 39.3"	Averaged NADCON/NTV2 grid shift
MON 497	N 48° 59' 59.8"	W 106° 45' 30.9"	Averaged NADCON/NTV2 grid shift
MON 498	N 48° 59' 59.6"	W 106° 43' 47.9"	Averaged NADCON/NTV2 grid shift
MON 499	N 48° 59' 59.5"	W 106° 42' 13.4"	Averaged NADCON/NTV2 grid shift
MON 500	N 48° 59' 59.5"	W 106° 40' 19.1"	Averaged NADCON/NTV2 grid shift
MON 501	N 48° 59' 59.5"	W 106° 38' 47.1"	Averaged NADCON/NTV2 grid shift
MON 502	N 48° 59' 59.5"	W 106° 36' 32.9"	Averaged NADCON/NTV2 grid shift
MON 503	N 48° 59' 59.2"	W 106° 34' 26.5"	Averaged NADCON/NTV2 grid shift
MON 504	N 48° 59' 59.0"	W 106° 32' 33.7"	Averaged NADCON/NTV2 grid shift
MON 505	N 48° 59' 58.7"	W 106° 31' 05.3"	Averaged NADCON/NTV2 grid shift
MON 506	N 48° 59' 58.6"	W 106° 29' 01.9"	Averaged NADCON/NTV2 grid shift
MON 507	N 48° 59' 58.5"	W 106° 26' 41.3"	Averaged NADCON/NTV2 grid shift
MON 508	N 48° 59' 58.4"	W 106° 24' 31.2"	Averaged NADCON/NTV2 grid shift
MON 508A-66	N 48° 59' 58.3"	W 106° 22' 42.0"	Averaged NADCON/NTV2 grid shift
MON 508B-66	N 48° 59' 58.3"	W 106° 22' 39.3"	Averaged NADCON/NTV2 grid shift
MON 509	N 48° 59' 58.2"	W 106° 21' 45.0"	Averaged NADCON/NTV2 grid shift
MON 510	N 48° 59' 58.1"	W 106° 19' 25.7"	Averaged NADCON/NTV2 grid shift
MON 511	N 48° 59' 58.0"	W 106° 17' 56.7"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

**49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)**

Geographical Coordinates listing

**NAD83**

<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Source</b>
MON 512	N 48° 59' 57.9"	W 106° 16' 23.2"	Averaged NADCON/NTV2 grid shift
MON 513	N 48° 59' 57.7"	W 106° 13' 45.9"	Averaged NADCON/NTV2 grid shift
MON 514	N 48° 59' 57.8"	W 106° 12' 09.1"	Averaged NADCON/NTV2 grid shift
MON 515	N 48° 59' 57.9"	W 106° 10' 32.8"	Averaged NADCON/NTV2 grid shift
MON 516	N 48° 59' 58.0"	W 106° 08' 27.3"	Averaged NADCON/NTV2 grid shift
MON 517	N 48° 59' 58.1"	W 106° 06' 19.8"	Averaged NADCON/NTV2 grid shift
MON 518	N 48° 59' 58.2"	W 106° 04' 24.4"	Averaged NADCON/NTV2 grid shift
MON 519	N 48° 59' 58.3"	W 106° 02' 36.7"	Averaged NADCON/NTV2 grid shift
MON 520	N 48° 59' 58.4"	W 106° 00' 40.9"	Averaged NADCON/NTV2 grid shift
MON 521	N 48° 59' 58.5"	W 105° 58' 38.6"	Averaged NADCON/NTV2 grid shift
MON 521A	N 48° 59' 58.6"	W 105° 56' 46.5"	Averaged NADCON/NTV2 grid shift
MON 522	N 48° 59' 58.6"	W 105° 56' 42.8"	Averaged NADCON/NTV2 grid shift
MON 523	N 48° 59' 58.7"	W 105° 54' 40.9"	Averaged NADCON/NTV2 grid shift
MON 636	N 48° 59' 55.8"	W 102° 20' 51.9"	Averaged NADCON/NTV2 grid shift
MON 647	N 48° 59' 55.9"	W 102° 00' 44.7"	Averaged NADCON/NTV2 grid shift
MON 648	N 48° 59' 56.0"	W 101° 58' 50.9"	Averaged NADCON/NTV2 grid shift
MON 649	N 48° 59' 56.1"	W 101° 57' 23.9"	Averaged NADCON/NTV2 grid shift
MON 650	N 48° 59' 56.3"	W 101° 55' 53.1"	Averaged NADCON/NTV2 grid shift
MON 651	N 48° 59' 56.5"	W 101° 53' 55.1"	Averaged NADCON/NTV2 grid shift
MON 652	N 48° 59' 56.6"	W 101° 51' 24.1"	Averaged NADCON/NTV2 grid shift
MON 653	N 48° 59' 56.7"	W 101° 50' 09.9"	Averaged NADCON/NTV2 grid shift
MON 654	N 48° 59' 56.8"	W 101° 48' 37.9"	Averaged NADCON/NTV2 grid shift
MON 655	N 48° 59' 56.9"	W 101° 47' 03.5"	Averaged NADCON/NTV2 grid shift
MON 656	N 48° 59' 57.0"	W 101° 45' 15.4"	Averaged NADCON/NTV2 grid shift
MON 657	N 48° 59' 57.1"	W 101° 43' 32.5"	Averaged NADCON/NTV2 grid shift
MON 658	N 48° 59' 57.2"	W 101° 41' 54.4"	Averaged NADCON/NTV2 grid shift
MON 659	N 48° 59' 57.3"	W 101° 40' 22.9"	Averaged NADCON/NTV2 grid shift
MON 660	N 48° 59' 57.4"	W 101° 38' 50.6"	Averaged NADCON/NTV2 grid shift
MON 660A-66	N 48° 59' 57.5"	W 101° 37' 41.6"	Averaged NADCON/NTV2 grid shift
MON 660B-66	N 48° 59' 57.5"	W 101° 37' 39.2"	Averaged NADCON/NTV2 grid shift
MON 661	N 48° 59' 57.5"	W 101° 37' 01.4"	Averaged NADCON/NTV2 grid shift
MON 662	N 48° 59' 57.6"	W 101° 35' 17.3"	Averaged NADCON/NTV2 grid shift
MON 663	N 48° 59' 57.7"	W 101° 33' 30.6"	Averaged NADCON/NTV2 grid shift
MON 664	N 48° 59' 57.9"	W 101° 31' 46.0"	Averaged NADCON/NTV2 grid shift
MON 665	N 48° 59' 58.0"	W 101° 30' 22.1"	Averaged NADCON/NTV2 grid shift
MON 666	N 48° 59' 58.1"	W 101° 28' 55.6"	Averaged NADCON/NTV2 grid shift
MON 667	N 48° 59' 58.1"	W 101° 27' 24.1"	Averaged NADCON/NTV2 grid shift
MON 668	N 48° 59' 58.1"	W 101° 26' 04.7"	Averaged NADCON/NTV2 grid shift
MON 669	N 48° 59' 58.1"	W 101° 23' 54.2"	Averaged NADCON/NTV2 grid shift
MON 670	N 48° 59' 58.1"	W 101° 22' 06.4"	Averaged NADCON/NTV2 grid shift

Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.

49<sup>th</sup> PARALLEL (ALBERTA-SASKATCHEWAN-MANITOBA/MONTANA-NORTH DAKOTA)  
Geographical Coordinates listing

Point	Latitude	NAD83		Source
		Longitude		
MON 671	N 48° 59' 58.1"	W 101° 20' 06.8"		Averaged NADCON/NTV2 grid shift



Coordinates are provided for information only. They should not be considered as the true definition of the boundary between Canada and the United States, nor should they be used to define the boundary. Official maps and reports remain the only official source for any purpose.