

North Dakota Low Distortion Projections (LDP) Zones

Zone Number	Zone Name	Number of Counties in Zone	Projection Type	Origin Latitude		Central Meridian		Projection Axis Scale	False Northing (feet)	False Easting (feet)	False Northing (meters)	False Easting (meters)
				deg-min	decimal degree	deg-min	decimal degree					
1	Williston	3	TM	46° 30' N	46.5000°	103° 27' W	-103.4500°	1.000 092	0	1,476,378	0	450,000
2	New Town	2	TM	46° 30' N	46.5000°	102° 27' W	-102.4500°	1.000 094	0	2,460,630	0	750,000
3	Minot	2	TM	46° 30' N	46.5000°	101° 27' W	-101.4500°	1.000 080	0	3,608,924	0	1,100,000
4	Bottineau	4	LC	48° 36' N	48.6000°	99° 42' W	-99.7000°	1.000 066	492,126	4,494,751	150,000	1,370,000
5	Devils Lake	5	LC	48° 09' N	48.1500°	99° 27' W	-99.4500°	1.000 056	492,126	5,577,428	150,000	1,700,000
6	Grand Forks	5	TM	46° 30' N	46.5000°	97° 25' W	-97.4000°	1.000 034	0	6,561,680	0	2,000,000
7	Beulah	3	LC	47° 27' N	47.4500°	101° 51' W	-101.8500°	1.000 090	492,126	7,545,932	150,000	2,300,000
8	Carrington	5	LC	47° 33' N	47.5500°	99° 18' W	-99.3000°	1.000 072	492,126	8,530,184	150,000	2,600,000
9	Dickinson	3	LC	47° 00' N	47.0000°	103° 03' W	-103.0500°	1.000 112	328,084	9,514,436	100,000	2,900,000
10	Bismarck	4	LC	46° 48' N	46.8000°	100° 45' W	-100.7500°	1.000 081	328,084	10,498,688	100,000	3,200,000
11	Jamestown	2	LC	46° 57' N	46.9500°	98° 36' W	-98.6000°	1.000 067	328,084	11,482,940	100,000	3,500,000
12	Bowman	4	LC	46° 18' N	46.3000°	103° 00' W	-103.0000°	1.000 124	328,084	12,467,192	100,000	3,800,000
13	Cannon Ball	2	LC	46° 18' N	46.3000°	101° 18' W	-101.3000°	1.000 093	328,084	13,451,444	100,000	4,100,000
14	Linton	3	LC	46° 18' N	46.3000°	99° 51' W	-99.8500°	1.000 082	328,084	14,435,696	100,000	4,400,000
15	Oakes	2	TM	45° 45' N	45.7500°	98° 18' W	-98.3000°	1.000 061	0	15,419,948	0	4,700,000
16	Fargo	4	TM	45° 45' N	45.7500°	97° 12' W	-97.2000°	1.000 032	0	16,404,199	0	5,000,000

TM: Transverse Mercator; LC: Lambert Conformal Conic

Current defined State Plane Coordinates NDCC 47-20.2-05

NAD 27 North

Lambert conformal conic projection

Standard Parallels:

N 48° 44'

N 47° 26'

Origin of Coordinates

N 47° 00' y = 0 feet (0 kilometers)

W 100° 30' x = 2,000,000 feet (609.6 kilometers)

NAD 83

North Lambert conformal conic projection

Standard Parallels:

N 48° 44'

N 47° 26'

Origin of Coordinates

N 47° 00' y = 00.0000 meters

W 100° 30' x = 600,000.000 meters

NAD 27 South

Standard Parallels:

N 47° 29'

N 46° 11'

Origin of Coordinates

N 45° 40' y = 0 feet (0 kilometers)

W 100° 30' x = 2,000,000 feet (609.6 kilometers)

NAD 83 South

Standard Parallels:

N 47° 29'

N 46° 11'

Origin of Coordinates

N 45° 40' y = 00.0000 meters

W 100° 30' x = 600,000.0000 meters