

North Dakota's Water Resources

LEGEND

- Rivers, Streams & Lakes
- Regional & Rural Water Systems
- Glacial Drift Aquifers
- Irrigation Districts
- Outlets/Canals
- Continental Divide
- Native American Reservations
- Dams (>5,000 Acre-Foot Normal Operating Pool)
- National Wildlife Refuges
- National Parks
- State Parks
- Cities (Pop. >1000) Or County Seats

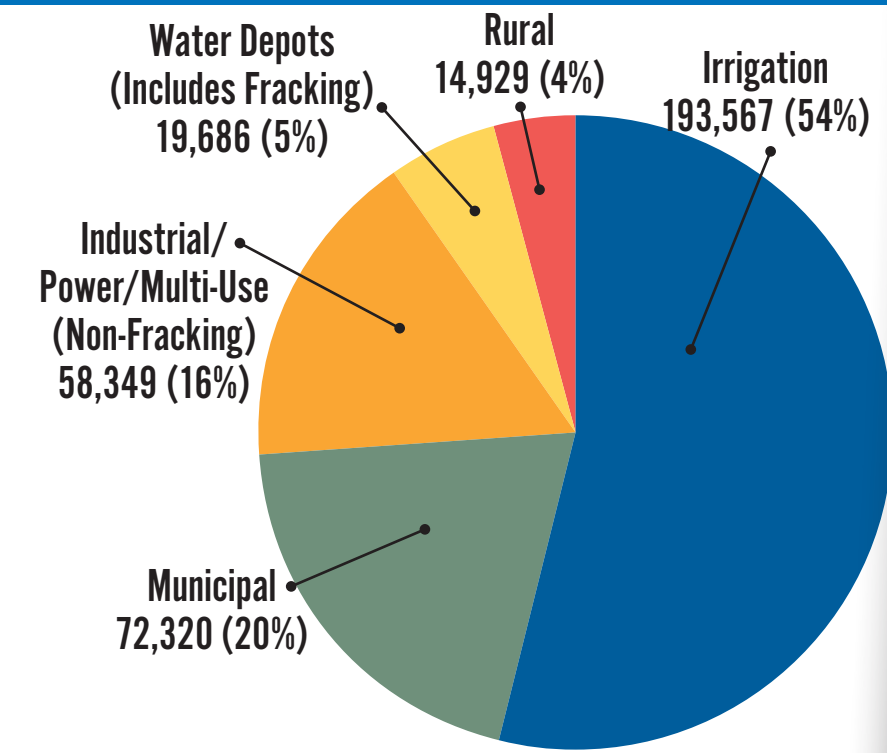
Stream Flow Characteristics In North Dakota

RIVER	ANNUAL MEAN FLOW*	MAX. PEAK FLOW*
1 Missouri River, Bismarck	22,000	155,000 (6/25/11)**
2 Red River, Drayton	4,899	124,000 (4/24/97)
3 Red River, Fargo	802	29,500 (3/28/09)
4 Little Missouri River, Medora	459	65,000 (3/23/47)
5 Mouse River, Westhope	335	30,400 (7/5/11)
6 Sheyenne River, Lisbon	279	9,250 (4/16/09)
7 Heart River, Mandan	268	30,500 (4/19/50)
8 Pembina River, Neche	260	16,900 (4/20/09)
9 Cannonball River, Breien	248	94,800 (4/19/50)
10 James River, La Moure	212	12,200 (4/15/09)
11 Knife River, Hazen	168	35,300 (6/24/66)
12 Maple River, Enderlin	74	7,610 (6/30/75)

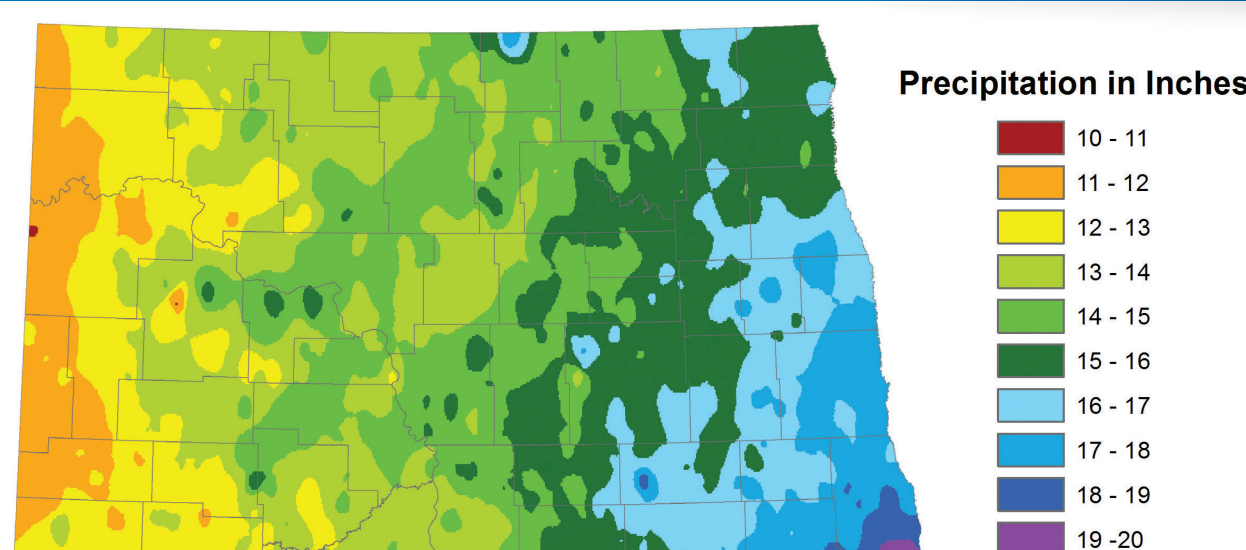
* The numbered locations in the above chart correspond to numbered locations on the map.
 *Annual Mean Flow and Max Peak Flow are reported in cubic feet per second.
 Annual Mean Flow: The arithmetic mean for the individual daily mean discharges for the reported water years.
 Max. Peak Flow: The maximum instantaneous peak discharge that occurred during the reported water years.
 **Post Dam Construction

2013 Consumptive Water Use In North Dakota (Acre-Feet)

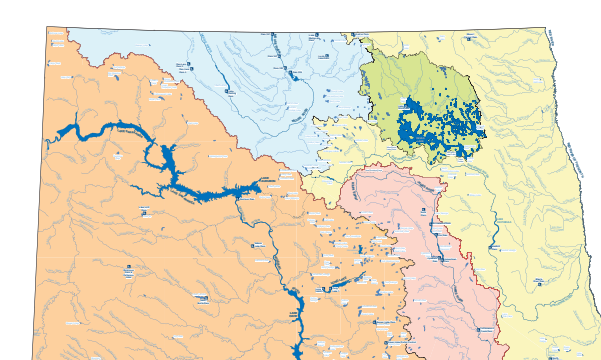
Total Consumptive Use = 358,851 Acre-Feet



30 Year Average Rainfall 1984-2014 (April-September)

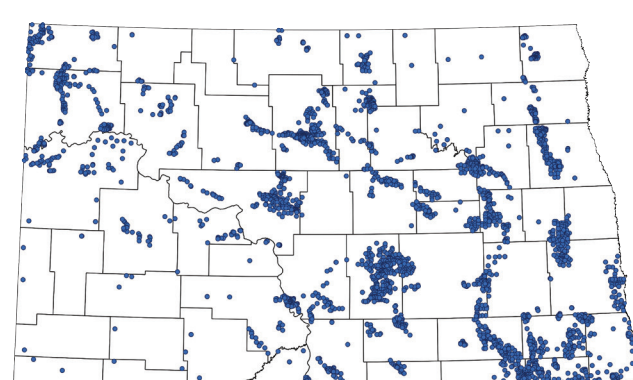


Five Major Drainage Basins



- Missouri River Basin
- Mouse River Basin
- Devils Lake Basin
- Red River Basin
- James River Basin

Groundwater Monitoring Wells



North Dakota's Surroundings



Rain & Snow Records

STATEWIDE RAIN RECORDS					STATEWIDE SNOWFALL RECORDS				
	TIME	PLACE	AMOUNT*	DATE		TIME	PLACE	AMOUNT*	DATE
HIGH	24 hrs.	Gilby	10.05	June 13, 2000	HIGH	24 hrs.	Fullerton	29.7	May 11, 1922
	1 mo.	Mohall	14.01	June 1944		1 mo.	Mimot	35.4	April 1970
	1 yr.	Milnor	37.98	1944		1 yr.	Bismarck	103.1	1996
LOW	1 yr.	Parshall	4.02	1934	LOW	1 yr.	Jamesstown	9.02	1958

* Amount in inches



NORTH Dakota | Water Resources
 Be Legendary.