

## NEBRASKA WATER WITHDRAWALS - 2000

Irrigation	71.74%
Thermoelectric Power	23.02%
Public Water Supply	2.69%
Mining	1.08%
Livestock	.76%
Rural Domestic	.40%
Industrial	.31%

Source: Percentages calculated from *Estimated Use of Water in the United States in 2000* - U.S. Geological Survey

**UPPER BIG BLUE NRD**

MUNICIPAL AVERAGE ANNUAL WATER USE - PER ACRE BASIS										
2001 thru 2003 Data	Aurora	Henderson	Stromsburg	Osceola	Fairmont	Giltner	McCool, JCT.	Ulysses	Total	
Population	3,810	999	1,241	879	708	367	372	276	8,652	
Average Annual Water Use - Gallons	400,810,400	171,260,953	90,719,000	124,521,453	48,177,333	45,666,667	24,860,727	29,666,667	935,683,200	
Avg Gallons per Capita per Day	288	470	200	388	186	341	183	294	296	
Avg Annual Water Use - Acre Feet	1,230.0	525.6	278.4	382.1	147.9	140.1	76.3	91.0	2,872	
Corporate Area - Acres	1,354.5	397.6	646.5	615.0	376.0	120.0	331.0	120.0	3,961	
Avg Annual Water Use per Acre - Ac. Ft.	0.91	1.32	0.43	0.62	0.39	1.17	0.23	0.76	0.73	
Avg Annual Water Use per Acre - Ac. In.	10.9	15.9	5.2	7.5	4.7	14.0	2.8	9.1	8.7	
	Meters	No Meters	Meters	No Meters	Meters installed in May 2002	No Meters	Meters	No Meters		

Upper Big Blue NRD		
2001 - 2003 Crop Irrigation from Water pumping reports		
	Acres	# of Reports
Corn - Center Pivots	10.7	223
Soybeans - Center Pivots	9.4	96
Corn - Gravity Irrigation	16.3	28
Soybeans - Gravity Irrigation	12.9	19

April 1 - Sept 1 Rainfall	2001	2002	2003
Aurora	15.2	14.3	19.2
Geneva	18.5	13.5	13.2
Osceola	16.5	14.7	13.4
Seward	17.0	18.0	16.1
York	17.7	15.1	11.9

Average Rainfall	2001 - 2003	1949 - 2003	Difference from 1949 - 2003
Aurora	27.6	27.5	0.14
Geneva	27.1	28.8	(1.64)
Osceola	24.1	27.0	(2.84)
Seward	26.2	27.2	(0.97)
York	23.1	28.1	(4.95)