

UPPER BIG BLUE NRD

MUNICIPAL AVERAGE ANNUAL WATER USE - PER ACRE BASIS									
2001 thru 2003 Data	Aurora	Henderson	Stromsburg	Osceola	Fairmont	Glimer	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		
	Acre Inches	# 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
		Acres
		24,123
		10,042
		1,876
		1,201

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)
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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)

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			
	Acre Inches	# of Reports	Acres
Corn - Center Pivots	10.7	223	24,123
Soybeans - Center Pivots	9.4	96	10,042
Corn - Gravity Irrigation	16.3	28	1,876
Soybeans - Gravity Irrigation	12.9	19	1,201

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