

**PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT**

September 21, 2012



PWS Name	Restriction Reason	Date of Contact	Water Level Readings in Feet, SWL-Static Water Level, PWL-Pumping Water Level, UNK-Unknown				Restrictions Implemented	Restriction Date/Stage	Year Round Restrictions	County Monthly Average Rainfall Reported in Inches	County Average YTD Rainfall Reported in Inches	Proposed Improvements	
			#	SWL	PWL	UNK							
1 Anselmo (Custer)	Infrastructure	8/9/12					West side/east side	8/10/12 Voluntary	No	0.13	9.97	Add 2 new wells	
2 Ansley (Custer)	Conservation	7/31/12	#1 #2 #3	SWL SWL SWL	22 22 74	PWL PWL PWL	38 38 135	Voluntary reduction	7/23/12 Voluntary	No	0.13	9.97	None at this time
3 Arlington (Washington)	Infrastructure	9/19/12						Odd/even lawn watering	7/18/12 Voluntary	No	2	14.59	None at this time
4 Battle Creek (Madison)	Conservation	9/20/12	#1 #2 #3	SWL SWL SWL	UNK 11 14	PWL PWL PWL	UNK UNK 39	Odd/even lawn watering; no watering from 12 PM to 6 PM	7/16/12 Mandatory	No	0.59	11.53	Develop well field south of town
5 Beaver Lake (Cass)	Water Levels	9/19/12						Odd/even lawn watering, no watering from 12 PM to 6 PM	Mandatory	No	2.65	16.55	None at this time
6 Bellwood (Butler)	Conservation	8/20/12	#1	SWL	25	PWL	38	East-Tue, Thur, Sat; West-Wed, Fri, Sat; no watering on Monday	Voluntary	No	1.08	14.04	None at this time
7 Bloomfield (Knox)	Water Levels	9/20/12	#6 #75 #2003	SWL SWL SWL	161 169 148	PWL PWL PWL	243 181 204	East/west parts of town alternate days watering	7/11/12 Mandatory	No	0.23	8.35	None at this time
8 Buffalo Co. SID #3 (Buffalo)	Water Levels	8/2/12	#731 #021	SWL SWL	30 30	PWL PWL	50 50	Odd/even watering	7/23/12 Voluntary	No	0.78	8.79	None at this time
9 Burr (Otoe)	Water Levels	8/1/12	#501 #681	SWL SWL	44 23	PWL PWL	UNK 37	No lawn watering	7/23/12 Voluntary	No	2.72	15.43	None at this time
10 Cass Co. RWD #2 (Cass)	Conservation	9/19/12		SWL	71	PWL	137	Odd/even watering; no watering on Monday	8/1/12 Voluntary	No	2.65	16.55	Well update
11 Clarkson (Colfax)	Water Levels	9/20/12	#21 #771 #821	SWL SWL SWL	95 56 90	PWL PWL PWL	140 UNK 96	Odd/even watering; restricted usage from 10 AM to 9 PM	7/11/12 Mandatory	No	0.61	8.5	None at this time
12 Clatonia (Gage)	Water Levels	8/1/12	#351 #671	SWL SWL	145 148	PWL PWL	162 162	Lawn watering every other day	7/24/12 Mandatory	No	2.95	16.97	Encourage irrigators to minimize their operations
13 Cody Land Court (Lincoln)	Conservation	8/1/12						Odd/even watering	Voluntary	No	0.2	7.33	None at this time

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				#	SWL	PWL	UNK						
14	Cortland (Gage)	Conservation	8/1/12	#751	SWL 160	PWL 206	UNK 206	Lawn watering every other day	7/27/12 Voluntary	No	2.95	16.97	None at this time
15	Country Village Sub. (Stanton)	Water Levels	9/20/12	East	SWL 138	PWL 153	UNK 153	No external watering	7/12/12 Mandatory	No	0.58	11.75	None at this time
16	Cozad (Dawson)	Conservation	7/31/12					No lawn watering from 10 AM to 10 PM	Voluntary	No	0.53	9.61	None at this time
17	Crawford (Dawes)	Water Levels	8/24/12	98-1	SWL 31	PWL 42	UNK 42	No park or school grounds watering	8/2/12 Mandatory	No	0.49	6.35	None at this time
18	Creighton (Knox)	Infrastructure	9/20/12	#1	SWL 20	PWL 34	UNK 34	Voluntary reduction	7/3/12 Voluntary	No	0.23	8.35	None at this time
19	Danbury (Red Willow)	Conservation	7/31/12					No outside water from 9 AM to 9 PM	7/1/12 Voluntary	No	0.19	7.98	None at this time
20	Dannebrog (Howard)	Conservation	8/22/12	#2	SWL 30	PWL 104	UNK 104	Voluntary reduction	7/25/12 Voluntary	No	0.53	9.65	None at this time
21	Dawes Co. RWD #1 (Dawes) *4	Conservation	8/13/12	#3	SWL 26	PWL 95	UNK 95	Water is restricted to household use and livestock only; no lawns, gardens, swimming pools, etc	8/8/12 Voluntary	No	0.49	6.35	None at this time
22	Diller (Jefferson)	Water Levels	7/31/12		SWL 104	PWL 109	UNK 109	No lawn watering	7/18/12 Voluntary	No	2.39	16.13	None at this time
23	Dodge (Dodge)	Water Levels	9/19/12	#441	SWL 41	PWL 48	UNK 48	General request to conserve	8/8/12 Voluntary	No	1.05	14.33	None at this time
24	Douglas Co. SID #286 Rolling Meadows (Douglas)	Conservation	8/7/12	#861	SWL 40	PWL 48	UNK 48	Voluntary reduction	7/23/12 Voluntary	No	2.13	14.16	Hook up to MUD
25	Dunbar (Otoe)	Conservation	8/1/12	#401	SWL 18	PWL 21	UNK 21	Decrease water usage	7/2/12 Voluntary	No	2.72	15.43	None at this time
26	Eagle Lake (Cass)	Conservation	9/19/12	#701	SWL 17	PWL 20	UNK 20	Decrease water usage	7/10/12 Mandatory	No	2.65	16.55	None at this time

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				#	SWL	PWL	UNK							
27	Elm Creek (Buffalo)	Conservation	8/16/12	#771 #861	SWL SWL	23 23	PWL PWL	117 97	7/19/12 Voluntary	No	0.78	8.77	None at this time	
28	Eustis (Frontier)	Conservation	7/31/12						7/16/12 Voluntary	No	0.24	10.25	None at this time	
29	Fordyce (Cedar)	Conservation	9/20/12						7/18/12 Voluntary	No	0.78	9.27	None at this time	
30	Goehner (Seward)	Conservation	9/13/12		SWL	92	PWL	105		Mandatory	No	0.94	9.34	None at this time
31	Gothenburg (Dawson)	Conservation	7/31/12	#901 #861	SWL SWL	50 70	PWL PWL	120 121		Voluntary	No	0.53	9.61	None at this time
32	Grafton (Fillmore)	Conservation	9/21/12	#361 #001	SWL SWL	UNK 110	PWL PWL	UNK 115		Voluntary	No	0.9	13.82	None at this time
33	Greenwood (Saunders)	Conservation	9/19/12							Voluntary	No	1.59	7.68	None at this time
34	Grant (Perkins)	Water Levels	7/12/12	#3 #5 #6	SWL SWL SWL	UNK 300 300	PWL PWL PWL	UNK 308 330		Mandatory	Yes	0.2	8.81	None at this time
35	Harbine (Jefferson)	Water Levels	8/8/12		SWL	151	PWL	159		7/18/12 Voluntary	No	2.39	16.13	New well
36	Hay Springs (Sheridan)	Conservation	8/1/12	#921 #241	SWL SWL	47 35	PWL PWL	245 215		7/27/12 Voluntary	No	0.65	6.66	Limited water use at city park & football
37	Hickman (Lancaster)	Conservation	7/26/12						7/23/12 Voluntary	No	2.26	16.85	None at this time	
38	Homer (Dakota)	Water Levels	9/20/12	East West Ballfield	SWL SWL SWL	79 142 48	PWL PWL PWL	99 UNK 90		7/12/12 Voluntary	No	0.58	13.17	Repair & update the other 2 wells
39	Howells (Colfax)	Conservation	9/20/12	East West	SWL SWL	150 120	PWL PWL	160 138		7/25/12 Voluntary	No	0.61	8.5	None at this time
40	Hyannis (Grant)	Conservation	8/23/12	#041 #872	SWL SWL	55 47	PWL PWL	95 60		6/29/12 Mandatory	Yes	1.07	5.34	None at this time

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				#	SWL	PWL	UNK	UNK						
41	Johnson (Nemaha)	Conservation	8/8/12	#861	SWL 30	PWL 34			Conserve outdoor water	8/8/12 Voluntary	No	3.02	16.15	None at this time
42	Lake Ventura SID #3 (Dodge)	Water Levels	9/19/12	#811	SWL 41	PWL 52			Odd/even watering	7/30/12 Voluntary	No	1.05	14.33	None at this time
43	Laurel (Cedar)	Water Levels	9/20/12	West North #20091	SWL 15	PWL 34	UNK 84	UNK 90	No lawn watering	7/5/12 Mandatory	No	0.78	9.27	None at this time
44	Leigh (Colfax)	Water Levels	9/20/12	#3	SWL 214	PWL 223			Odd/even watering from 9 PM to 7 AM	7/26/12 Voluntary	No	0.61	8.5	None at this time
45	Lincoln (Lancaster)	Conservation	9/13/12						Lawn watering: Even-Wed, Fri, Sun; Odd-Tue, Thur, Sat; no watering on Monday	8/9/12 Voluntary	No	2.26	16.85	None at this time
46	Little Blue Public Water Project (Thayer, Jefferson) *2	Conservation	7/26/12						No lawn watering; no nonessential water use	7/25/12 Mandatory	No	1.97	15.96	None at this time
47	Marquette (Hamilton)	Water Levels	8/1/12	#1	SWL 115	PWL 130			No lawn watering	7/12/12 Mandatory	No	1.67	11.42	None at this time
48	Maskell (Dixon)	Conservation	9/20/12	#821	SWL 17	PWL 35			Odd/even watering	7/19/12 Voluntary	No	0.7	10.92	None at this time
49	Mead (Saunders)	Conservation	9/19/12		SWL 26	PWL 36			Odd/even watering	7/27/12 Voluntary	No	1.59	7.68	None at this time
50	Milford (Seward)	Conservation	9/13/12	#1	SWL 79	PWL 89			Odd/even lawn watering; no watering on Monday	7/24/12 Voluntary	No	0.94	9.34	None at this time
				#2	SWL 77	PWL 87								
				#3	SWL 209	PWL 329								
				#4	SWL 148	PWL 225								
				#5	SWL 38	PWL 45								
				#6	SWL 28	PWL 42								
51	Minden (Kearney)	Conservation	8/2/12						Voluntary reduction	6/15/12 Voluntary	No	1.13	11.38	None at this time
52	Newcastle (Dixon)	Conservation	9/20/12	#1	SWL 25	PWL 44			No lawn watering	7/11/12 Voluntary	No	0.7	10.22	New well
				#2	SWL 30	PWL 40								
53	North Bend (Dodge)	Infrastructure	9/19/12		SWL 15	PWL			Voluntary reduction	7/24/12 Voluntary	No	1.05	14.33	None at this time

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54 Ogallala (Keith)	Conservation	8/1/12					Voluntary reduction	6/25/12 Voluntary	No	0.34	7.06	None at this time	
55 Osmond (Pierce)	Conservation	9/20/12	#591 #651	SWL SWL	40 22	PWL PWL	UNK 31	Alternate east/west side of town	6/27/12 Voluntary	No	0.36	9.67	None at this time
56 Otoe Co. RWD #3 (Otoe) *1	Water Levels	7/12/12	#1 #2 #3 #4	SWL SWL SWL SWL	UNK UNK UNK UNK	PWL PWL PWL PWL	UNK UNK UNK UNK	No lawn watering	7/12/12 Voluntary	No	2.72	15.43	None at this time
57 Panama (Lancaster)	Conservation	8/8/12	#681	SWL	137	PWL	148	Odd/even watering	8/8/12 Voluntary	No	2.26	16.85	None at this time
58 Pawnee City (Pawnee)	Conservation	7/25/12	#1 #2 #3	SWL SWL SWL	96 120 112	PWL PWL PWL	104 128 118	Alternate lawn watering odd/even north/south	7/12/12 Voluntary	No	3.16	12.86	None at this time
59 Pender (Thurston) *3	Conservation	8/23/12	North SE SW	SWL SWL SWL	76 59 UNK	PWL PWL PWL	80 82 UNK	Voluntary conservation	7/23/12 Voluntary	No	0.47	5.52	None at this time
60 Peru (Nemaha)	Infrastructure	8/14/12		SWL	17	PWL	26	No outdoor watering	8/8/12 Voluntary	No	3.02	16.15	Repair well
61 Pierce (Pierce)	Infrastructure	9/20/12	Mid North West NW	SWL SWL SWL SWL	22 17 27 63	PWL PWL PWL PWL	27 20 32 68	Odd/even watering	7/23/12 Voluntary	No	0.36	9.67	None at this time
62 Pilger (Stanton)	Water Levels	9/13/12	#01 #931	SWL SWL	16 14	PWL PWL	21 16	Reduce water usage	Voluntary	No	0.58	11.75	None at this time
63 Plainview (Pierce)	Conservation	9/20/12	#891 #541 #401 #621	SWL SWL SWL SWL	31 42 49 40	PWL PWL PWL PWL	38 UNK UNK UNK	Odd/even water use	7/9/12 Voluntary	No	0.36	9.67	None at this time
64 Randolph (Cedar)	Conservation	9/13/12	#691 #851	SWL SWL	145 140	PWL PWL	153 150	No watering from 12 PM to 8 PM	6/1/12 Voluntary	No	0.78	9.27	None at this time
65 St. Edward (Boone)	Conservation	8/22/12	#341 #541 #661	SWL SWL SWL	14 44 45	PWL PWL PWL	35 45 55	Odd/even watering	8/2/12 Mandatory	No	0.51	7.77	None at this time

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66 Saunders Co. SID #6 Riverview (Saunders)	Water Levels	8/22/12		SWL	69	PWL	72	No lawn watering	7/26/12 Mandatory	No	1.59	7.68	Install new well	
67 Sarpy Co. SID #158 Tiburon (Sarpy)	Water Levels	9/19/12	#1 #2 #3 #4 #5	SWL SWL SWL SWL SWL	56 22 27 42 43	PWL PWL PWL PWL PWL	64 35 42 62 60	Odd/even watering	8/2/12 Mandatory	No	2.44	15.87	None at this time	
68 Shelby (Polk)	Conservation	9/21/12		SWL	143	PWL	145	Odd/even lawn watering	Mandatory	No	1.54	11	None at this time	
69 Shelton (Buffalo)	Water Levels	8/2/12	#021 #971 #051	SWL SWL SWL	83 75 85	PWL PWL PWL	123 99 105	Every other day watering	Mandatory	No	0.78	8.79	New well	
70 Staplehurst (Seward)	Conservation	8/1/12						Odd/even lawn watering	Mandatory	No	0.94	9.34	None at this time	
71 Sterling (Johnson)	Conservation	8/1/12	#901	SWL	100	PWL	124	Restrict lawn watering after 6 PM on even numbered days	7/22/12 Voluntary	No	2.57	15.32	Install water meters	
72 Syracuse (Otoe)	Water Levels	8/1/12	#1 #2	SWL SWL	62 99	PWL PWL	83 106	Odd/even water use; no watering on Monday	7/19/12 Voluntary	No	2.72	15.43	New well	
73 Table Rock (Pawnee)	Water Levels	9/6/12	#781 #081	SWL SWL	121 121	PWL PWL	136 127	No outside watering, washing of vehicles	7/26/12 Mandatory	No	3.16	12.86	None at this time	
74 Tecumseh (Johnson)	Water Levels	8/28/12	#2 #4 #5 #6	SWL SWL SWL SWL	108 46 95 139	PWL PWL PWL PWL	127 58 107 180	Odd/even lawn watering	7/18/12 Voluntary	No	2.57	15.32	None at this time	
75 Utica (Seward)	Water Levels	8/20/12		SWL	156	PWL	192	Odd/even lawn watering	Mandatory	No	0.94	9.34	None at this time	
76 Valley View (Saunders)	Conservation	9/19/12						Odd/even lawn watering	8/21/12 Voluntary	No	1.59	7.68	None at this time	
77 Verdon (Richardson)	Infrastructure	7/31/12	Purchase water from Richardson Co. RWD #2					No lawn watering; no nonessential water use	Voluntary	No	6.08	17.68	Repair water tower	
78 Weeping Water (Cass)	Conservation	9/19/12						Voluntary reduction	7/25/12 Voluntary	No	2.65	16.55	None at this time	

**PUBLIC WATER SYSTEMS DROUGHT IMPACT REPORT**

**September 21, 2012**



- \*1 Otoe County Rural Water District #3 provides water service to over 1,400 rural customers and 7 communities: Avoca, Douglas, Dunbar, Otoe, Manley, Unadilla, & Palmyra.
- \*2 Little Blue Public Water Project serves more than 280 hookups including the Villages of Gilead and Gladstone.
- \*3 Village of Pender provides water service to Thurston County Rural Water and 140 rural customers.
- \*4 Dawes County RWD #1 serves rural customers and the Village of Whitney.

Report Date	Number of Public Water Systems Restricting Water Use By Category			Total
	Water Levels	Infrastructure	Conservation	
6/28/12	0	0	2	2
7/6/12	0	0	4	4
7/13/12	3	0	5	8
7/20/12	8	0	6	14
7/27/12	10	0	13	23
8/3/12	39	4	26	69
8/10/12	26	6	48	80
8/17/12	25	7	49	81
8/24/12	26	7	48	81
8/31/12	26	7	48	81
9/7/12	26	7	47	80
9/14/12	26	7	46	79
9/21/12	26	7	45	78

56 Voluntary Restrictions  
22 Mandatory Restrictions

**As of July 27, 2012, Natural Resources Districts and well drillers across the state have provided the following information:**

**Salmon Well Company - Wakefield, NE**

Pumps lowered in domestic or livestock wells: Dixon County - 7, Wayne County - 25, Thurston County - 4, Cedar County - 1  
Pumps lowered in irrigation wells: Dixon County - 1, Wayne County - 6, Thurston County - 2, Cedar County - 2, Cuming County - 1  
Total of 49 pumps lowered in wells this year to date

**Christensen Well & Irrigation, Inc. - Hartington, NE**

Pumps lowered in domestic or livestock wells: Cedar County – 10, Knox County – 2  
Total of 12 pumps lowered in wells this year to date

**Twin Platte NRD - North Platte, NE**

Have had requests for 16 replacement irrigation wells to date

**Upper Elkhorn NRD - O'Neill, NE**

Replaced 2 wells in Antelope County and 1 in Holt County

**Lower Platte South NRD – Lincoln, NE**

Replaced 1 well and lowered 1 well pump in Lancaster County

# Drought Map of Nebraska

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