

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 2012



ID	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	0.75	8.85	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	0.75	8.85	None at this time
3	Arlington (Washington)	Infrastructure	8/1/12					Odd/even lawn watering	7/18/12 Voluntary	No	0.73	13.00	None at this time	
4	Battle Creek (Madison)	Conservation	8/8/12	#1 #2 #3	SWL SWL SWL	UNK 13 17	PWL PWL PWL	UNK 33 39	Odd/even lawn watering; no water from 12 PM & 6 PM	7/16/12 Mandatory	No	0.78	10.60	Develop well field south of town
5	Beaver Crossing (Seward)	Conservation	8/1/12	#981 #101	SWL SWL	81 110	PWL PWL	83 113	Odd/even lawn watering	8/2/12 Voluntary	No	0.54	8.43	None at this time
6	Bellwood (Butler)	Conservation	8/7/12	#1	SWL	25	PWL	38	East-Tue, Thur, Sat; West- Wed, Fri, Sat; no watering on Monday	Voluntary	No	0.48	12.92	None at this time
7	Bloomfield (Knox)	Water Levels	8/16/12	#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	0.75	8.12	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	1.02	8.77	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	1.68	12.97	None at this time
10	Cass Co. RWD #2 (Cass)	Conservation	8/7/12		SWL	71	PWL	137	Odd/even watering; no watering on Monday	8/1/12 Voluntary	No	0.76	13.83	Well update
11	Clarkson (Colfax)	Water Levels	8/8/12	#21 #771 #821	SWL SWL SWL	96 56 101	PWL PWL PWL	103 UNK 132	Odd/even watering; restricted usage from 10 AM & 9 PM	7/11/12 Mandatory	No	0.67	7.85	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	1.77	13.93	Encourage irrigators to minimize their operations
13	Clearwater (Antelope)	Conservation	7/25/12	#681 #741	SWL SWL	10 9	PWL PWL	25 27	Voluntary reduction	7/25/12 Voluntary	No	1.65	14.25	None at this time
14	Cody Land Court (Lincoln)	Conservation	8/1/12						Odd/even watering	Voluntary	No	0.82	7.20	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 2012



ID	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						
15	Cortland (Gage)	Conservation	8/1/12	#751	SWL 160	PWL 206	206	Lawn watering every other day	7/27/12 Voluntary	No	1.77	13.93	None at this time
16	Country Village Sub. (Stanton)	Water Levels	8/2/12	East	SWL 138	PWL 153	153	No external watering	7/12/12 Mandatory	No	0.77	10.99	None at this time
17	Cozad (Dawson)	Conservation	7/31/12					No lawn watering from 10 AM to 10 PM	Voluntary	No	3.61	7.29	None at this time
18	Crawford (Dawes)	Water Levels	8/2/12					No park or school grounds watering	8/2/12 Mandatory	No	0.38	5.9	None at this time
19	Creighton (Knox)	Infrastructure	8/16/12	#1	SWL 20	PWL 34	34	Voluntary reduction	7/3/12 Voluntary	No	0.75	8.12	None at this time
21	Danbury (Red Willow)	Conservation	7/31/12					No outside water from 9 AM to 9 PM	7/1/12 Voluntary	No	1.32	7.84	None at this time
22	Dannebrog (Howard)	Conservation	8/8/12	#2	SWL 30	PWL 104	104	Voluntary reduction	7/25/12 Voluntary	No	0.57	9.04	None at this time
23	Dawes Co. RWD #1 (Dawes) *4	Conservation	8/13/12					Water is restricted to household use and livestock only; no lawns, gardens, swimming pools, etc	8/8/12 Voluntary	No	0.38	5.90	None at this time
24	Diller (Jefferson)	Water Levels	7/31/12		SWL 104	PWL 109	109	No lawn watering	7/18/12 Voluntary	No	1.76	13.92	None at this time
25	Dodge (Dodge)	Water Levels	8/7/12	#441	SWL 41	PWL 44	44	General request to conserve	8/8/12 Voluntary	No	0.91	13.06	None at this time
26	Douglas Co. SID #286 Rolling Meadows (Douglas)	Conservation	8/7/12					Voluntary reduction	7/23/12 Voluntary	No	0.35	11.90	Hook up to MUD
27	Dunbar (Otoe)	Conservation	8/1/12	#401	SWL 18	PWL 21	21	Decrease water usage	7/2/12 Voluntary	No	1.68	12.97	None at this time
28	Eagle (Cass)	Conservation	8/2/12					Odd/even watering	7/26/12 Voluntary	No	0.76	13.86	None at this time
29	Eagle Lake (Cass)	Conservation	8/2/12					Decrease water usage	7/10/12 Mandatory	No	0.76	13.86	None at this time
30	Elm Creek (Buffalo)	Conservation	8/16/12	#771	SWL 23	PWL 117	117	Odd/even watering	7/19/12 Voluntary	No	1.02	8.77	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 2012



ID	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
31	Eustis (Frontier)	Conservation	7/31/12					Odd/even water; no watering from 10 AM to 10 PM	7/16/12 Voluntary	No	1.57	10.07	None at this time
32	Fordyce (Cedar)	Conservation	8/16/12					No lawn water or vehicle washing	7/18/12 Voluntary	No	0.47	8.46	None at this time
33	Goehner (Seward)	Conservation	8/7/12		SWL 121	PWL 134		Odd/even lawn watering	Mandatory	No	0.54	8.43	None at this time
34	Gothenburg (Dawson)	Conservation	7/31/12	#901 #861	SWL 50 SWL 70	PWL 120 PWL 121		Conservation awareness	Voluntary	No	3.61	7.29	None at this time
35	Grafton (Fillmore)	Conservation	8/16/12	#361 #001	SWL 108 SWL 112	PWL 124 PWL 117		Odd/even lawn watering	Voluntary	No	1.07	12.80	None at this time
36	Greenwood (Saunders)	Conservation	8/7/12					Conservation awareness	Voluntary	No	0.31	6.35	None at this time
37	Grant (Perkins)	Water Levels	7/12/12	#3 #5 #6	SWL UNK SWL 300 SWL 300	PWL UNK PWL 308 PWL 330		Outside watering 1 day/week from 4/16 to 5/24 & 9/25 to 10/14; 2 days/week from 5/25 to 9/24; no outside watering from 10/15 to 4/15	Mandatory	Yes	2.73	8.63	None at this time
38	Harbine (Jefferson)	Water Levels	8/8/12		SWL 151	PWL 159		No lawn/restricted garden watering	7/18/12 Voluntary	No	1.76	13.92	New well
39	Harvard (Clay)	Conservation	8/16/12	#661 #981 #005	SWL 95 SWL 70 SWL 90	PWL 100 PWL 75 PWL 95		Odd/even lawn watering	7/30/12 Mandatory	No	1.65	14.97	None at this time
40	Hay Springs (Sheridan)	Conservation	8/1/12	#921 #241	SWL 47 SWL 35	PWL 245 PWL 215		Ask customers to curtail watering	7/27/12 Voluntary	No	0.76	6.07	Limited water use at city park & football field
41	Hickman (Lancaster)	Conservation	7/26/12					Odd/even lawn watering	7/23/12 Voluntary	No	0.52	12.94	None at this time
42	Homer (Dakota)	Water Levels	8/16/12	East West Ballfield	SWL 80 SWL 142 SWL 48	PWL 99 PWL UNK PWL 90		Odd/even watering	7/12/12 Voluntary	No	0.44	11.2	Repair & update the other 2 wells
43	Howells (Colfax)	Conservation	8/16/12	East West	SWL 150 SWL 120	PWL 160 PWL 138		Odd/even watering	7/25/12 Voluntary	No	0.67	7.85	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 2012



ID	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							
44	Hyannis (Grant)	Conservation	7/26/12	#041 #872	SWL SWL	55 47	PWL PWL	95 60	Odd/even lawn watering; no watering on Monday	6/29/12 Mandatory	Yes	0	3.69	None at this time
45	Johnson (Nemaha)	Conservation	8/8/12	#861 #862	SWL SWL	30 38	PWL PWL	34 44	Conserve outdoor water use	8/8/12 Voluntary	No	1.45	13.06	None at this time
46	Lake Ventura SID #3 (Dodge)	Water Levels	8/7/12	#811 #071	SWL SWL	41 UNK	PWL PWL	52 UNK	Odd/even watering	7/30/12 Voluntary	No	0.91	13.06	None at this time
47	Laurel (Cedar)	Water Levels	8/8/12	West North #20091	SWL SWL	UNK 15 84	PWL PWL	UNK 34 90	No lawn watering	7/5/12 Mandatory	No	0.47	8.46	None at this time
48	Leigh (Colfax)	Water Levels	8/16/12	#3 #4	SWL SWL	214 222	PWL PWL	223 229	Odd/even watering from 9 PM & 7 AM	7/26/12 Voluntary	No	0.67	7.85	None at this time
49	Lincoln (Lancaster)	Conservation	7/12/12						Lawn watering: Even-Wed, Fri, Sun; Odd-Tue, Thur, Sat; no watering on Monday	8/9/12 Mandatory	No	0.52	12.94	None at this time
50	Little Blue Public Water Project (Thayer, Jefferson) *2	Conservation	7/26/12						No lawn watering; no nonessential water use	7/25/12 Mandatory	No	1.93	14.17	None at this time
51	Marquette (Hamilton)	Water Levels	8/1/12	#1	SWL	115	PWL	130	No lawn watering	7/12/12 Mandatory	No	1.49	9.98	None at this time
52	Maskell (Dixon)	Conservation	8/16/12	#821	SWL	17	PWL	35	Odd/even watering	7/19/12 Voluntary	No	0.83	9.28	None at this time
53	Mead (Saunders)	Conservation	8/7/12		SWL	26	PWL	36	Odd/even watering	7/27/12 Voluntary	No	0.31	6.35	None at this time
54	Milford (Seward)	Conservation	8/6/12	#1 #2 #3 #4 #5 #6	SWL SWL SWL SWL SWL	77 77 220 149 30 19	PWL PWL PWL PWL PWL	85 86 335 225 50 33	Odd/even lawn watering No watering on Mondays	7/24/12 Voluntary	No	0.54	8.43	None at this time
55	Minden (Kearney)	Conservation	8/2/12						Voluntary reduction	6/15/12 Voluntary	No	2.25	10.42	None at this time
56	Newcastle (Dixon)	Conservation	8/16/12	#1 #2	SWL SWL	25 30	PWL PWL	44 40	No lawn watering	7/11/12 Voluntary	No	0.83	9.28	New well

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 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
57 North Bend (Dodge)	Infrastructure	8/7/12						Voluntary reduction	7/24/12 Voluntary	No	0.91	13.06	None at this time
58 Ogallala (Keith)	Conservation	8/1/12						Voluntary reduction	6/25/12 Voluntary	No	0.39	6.73	None at this time
59 Osmond (Pierce)	Conservation	8/16/12	#591 #651	SWL SWL	UNK 22	PWL PWL	UNK 31	Alternate east/west side of town	6/27/12 Voluntary	No	0.9	9.21	None at this time
60 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	1.68	12.97	None at this time
61 Panama (Lancaster)	Conservation	8/8/12	#681	SWL	137	PWL	148	Odd/even watering	8/8/12 Voluntary	No	0.52	12.94	None at this time
62 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	1.21	10.35	None at this time
63 Pender (Thurston) *3	Conservation	8/16/12	North SE SW	SWL SWL SWL	76 59 72	PWL PWL PWL	80 82 79	Voluntary conservation	7/23/12 Voluntary	No	0	5.05	None at this time
64 Peru (Nemaha)	Infrastructure	8/14/12		SWL	17	PWL	26	No outdoor watering	8/8/12 Voluntary	No	1.45	13.06	Repair well
65 Pierce (Pierce)	Infrastructure	8/8/12	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	0.9	9.21	None at this time
66 Pilger (Stanton)	Water Levels	8/16/12	#01 #931	SWL SWL	16 15	PWL PWL	21 18	Reduce water usage	Voluntary	No	0.77	10.99	None at this time
67 Plainview (Pierce)	Conservation	8/16/12	#891 #541 #401 #621	SWL SWL SWL SWL	46 42 49 40	PWL PWL PWL PWL	52 UNK UNK UNK	Odd/even water use	7/9/12 Voluntary	No	0.90	9.21	None at this time
68 Randolph (Cedar)	Conservation	8/16/12	#691 #851	SWL SWL	145 140	PWL PWL	153 150	No watering from 12 PM to 8 PM	6/1/12 Voluntary	No	0.47	8.46	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 17, 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						
69 St. Edward (Boone)	Conservation	8/2/12	#341	SWL 14	PWL 35							
			#541	SWL 44	PWL 45							
			#661	SWL 45	PWL 55		Odd/even watering	8/2/12 Mandatory	No	0.90	7.36	None at this time
70 Saunders Co. SID #6 Riverview (Saunders)	Water Levels	8/1/12		SWL 71	PWL UNK		No lawn watering	7/26/12 Mandatory	No	0.31	6.35	Install new well
71 Sarpy Co. SID #158 Tiburon (Sarpy)	Water Levels	8/7/12	#1	SWL 50	PWL 60							
			#2	SWL 32	PWL 40							
			#3	SWL 38	PWL 47							
			#4	SWL 44	PWL 60							
			#5	SWL 42	PWL 60		Odd/even watering	8/2/12 Mandatory	No	1.13	14.00	None at this time
72 Shelby (Polk)	Conservation	8/16/12		SWL 191	PWL 192		Odd/even lawn watering	Mandatory	No	0.43	9.4	None at this time
73 Shelton (Buffalo)	Water Levels	8/2/12	#021	SWL 83	PWL 123							
			#971	SWL 75	PWL 99							
			#051	SWL 85	PWL 105		Every other day watering	Mandatory	No	1.02	8.77	New well
74 Staplehurst (Seward)	Conservation	8/1/12					Odd/even lawn watering	Mandatory	No	0.54	8.43	None at this time
75 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	1.16	12.73	Install water meters
76 Syracuse (Otoe)	Water Levels	8/1/12	#1	SWL 62	PWL 83		Odd/even water use; no watering on Monday	7/19/12 Voluntary	No	1.68	12.97	New well
			#2	SWL 99	PWL 106							
77 Table Rock (Pawnee)	Water Levels	7/26/12	#781	SWL 121	PWL 136		Odd/even lawn watering	7/26/12 Voluntary	No	1.21	10.35	None at this time
			#081	SWL 121	PWL 127							
78 Tecumseh (Johnson)	Water Levels	8/8/12	#2	SWL 113	PWL UNK		Odd/even lawn watering					
			#4	SWL 47	PWL UNK							
			#5	SWL 99	PWL UNK							
			#6	SWL 144	PWL UNK			7/18/12 Voluntary	No	1.16	12.73	None at this time
79 Utica (Seward)	Water Levels	8/16/12		SWL 162	PWL 210		Odd/even lawn watering	Mandatory	No	0.54	8.43	None at this time
80 Verdon (Richardson)	Infrastructure	7/31/12	Purchase water from Richardson Co. RWD #2				No lawn watering; no nonessential water use	Voluntary	No	1.62	12.68	Repair water tower
81 Weeping Water (Cass)	Conservation	8/7/12					Voluntary reduction	7/25/12 Voluntary	No	0.76	13.86	None at this time

PUBLIC WATER SYSTEMS DROUGHT IMPACT REPORT

August 17, 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

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

(Information will be updated at the end of each month during the season.)

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

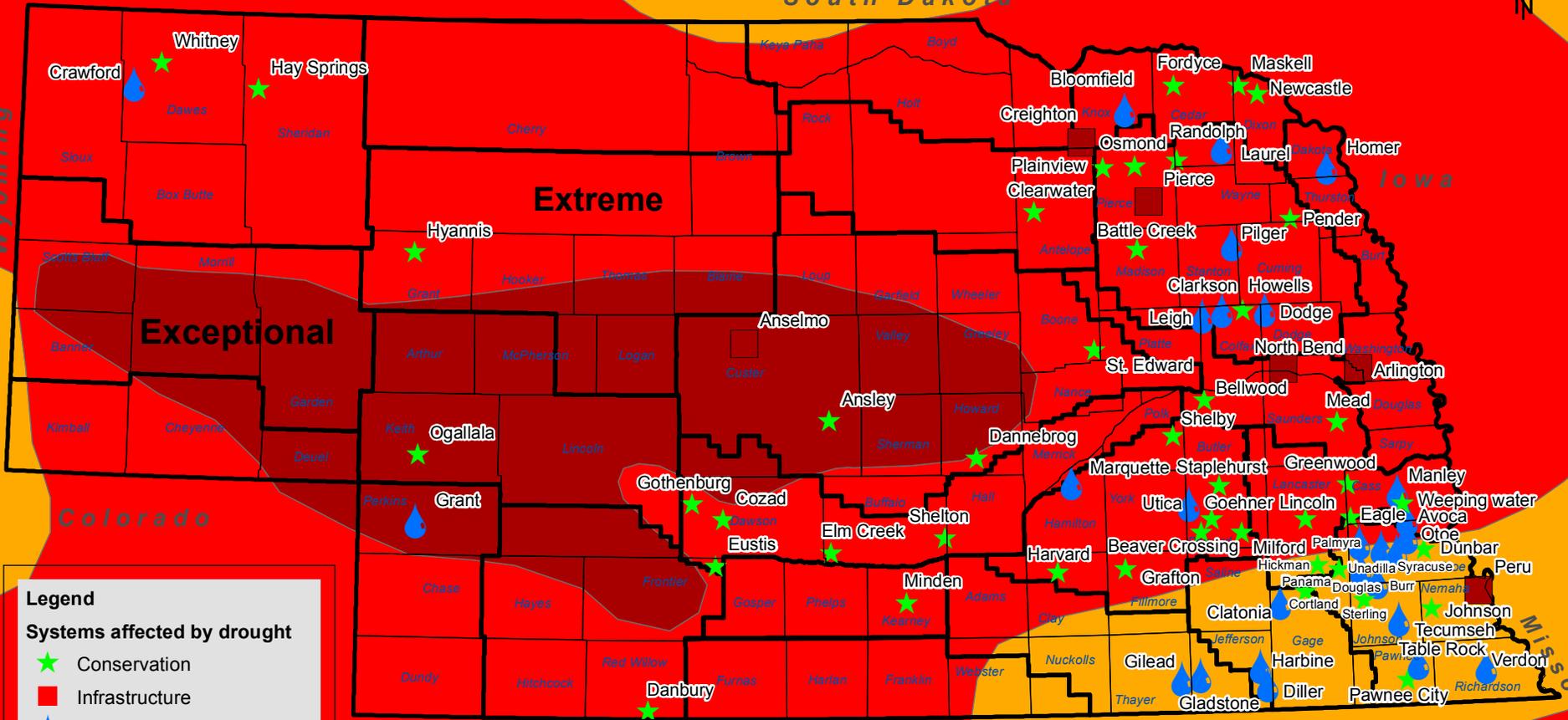
Replaced 2 wells in Antelope County and 1 in Holt County

Lower Platte South NRD – Lincoln, NE

Replaced 1 well and lowered 1 well pump in Lancaster County

Drought Map of Nebraska August 17, 2012

South Dakota



Legend

Systems affected by drought

- Conservation
- Infrastructure
- Water Levels

Drought Conditions

- Abnormally Dry
- Moderate Drought
- Severe Drought
- Extreme Drought
- Exceptional

Normal Conditions

- Normal Conditions
- Natural Resource Districts



Geographic Information Systems



Data Source:

National Drought Mitigation Center
University of Nebraska-Lincoln

Map created by: DHHS GIS 8/12