

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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	UNK	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	UNK 22 74	PWL 22 74	UNK 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	0.79	14.59	None at this time
4 Battle Creek (Madison)	Conservation	9/27/12	#1 #2 #3	SWL SWL SWL	UNK 11 13	PWL UNK 40	UNK	Odd/even lawn watering; no watering from 12 PM to 6 PM	7/16/12 Mandatory	No	0.53	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	1.94	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	0.33	14.04	None at this time
7 Bloomfield (Knox)	Water Levels	9/27/12	#6 #75 #2003	SWL SWL SWL	161 169 148	PWL 181 204	243	East/west parts of town alternate days watering	7/11/12 Mandatory	No	0.22	8.35	None at this time
8 Buffalo Co. SID #3 (Buffalo)	Water Levels	8/2/12	#731 #021	SWL SWL	30 30	PWL 50 50	UNK	Odd/even watering	7/23/12 Voluntary	No	0.45	8.79	None at this time
9 Burr (Otoe)	Water Levels	8/1/12	#501 #681	SWL SWL	44 23	PWL UNK 37	UNK	No lawn watering	7/23/12 Voluntary	No	2.05	15.43	None at this time
10 Cass Co. RWD #2 (Cass)	Conservation	9/19/12						Odd/even watering; no watering on Monday	8/1/12 Voluntary	No	1.94	16.55	Well update
11 Clarkson (Colfax)	Water Levels	9/27/12	#21 #771 #821	SWL SWL SWL	89 56 94	PWL UNK 138	96	Odd/even watering; restricted usage from 10 AM to 9 PM	7/11/12 Mandatory	No	0.32	8.5	None at this time
12 Clatonia (Gage)	Water Levels	8/1/12	#351 #671	SWL SWL	145 148	PWL 162 162	162	Lawn watering every other day	7/24/12 Mandatory	No	1.49	16.97	Encourage irrigators to minimize their operations
13 Cody Land Court (Lincoln)	Conservation	8/1/12						Odd/even watering	Voluntary	No	0.17	7.33	None at this time
14 Cortland (Gage)	Conservation	8/1/12	#751 #811	SWL SWL	160 90	PWL 206 140	UNK	Lawn watering every other day	7/27/12 Voluntary	No	1.49	16.97	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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
				East	SWL	PWL	UNK	West						
15	Country Village Sub. (Stanton)	Water Levels	9/27/12	East	SWL	138	PWL	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	0.31	9.61	None at this time
17	Crawford (Dawes)	Water Levels	8/24/12	98-1	SWL	31	PWL	42	No park or school grounds watering	8/2/12 Mandatory	No	0.49	6.35	None at this time
				98-2	SWL	33	PWL	55						
				97-3	SWL	7	PWL	9						
				97-2	SWL	8	PWL	13						
				97-1	SWL	11	PWL	13						
18	Creighton (Knox)	Infrastructure	9/27/12	#1	SWL	20	PWL	34	Voluntary reduction	7/3/12 Voluntary	No	0.22	8.35	None at this time
				#2	SWL	21	PWL	34						
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	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	0.49	6.35	None at this time
21	Diller (Jefferson)	Water Levels	7/31/12		SWL	104	PWL	109	No lawn watering	7/18/12 Voluntary	No	2.39	16.13	None at this time
22	Dodge (Dodge)	Water Levels	9/19/12	#441	SWL	41	PWL	48	General request to conserve	8/8/12 Voluntary	No	1.05	14.33	None at this time
				#861	SWL	40	PWL	48						
23	Douglas Co. SID #286 Rolling Meadows (Douglas)	Conservation	8/7/12						Voluntary reduction	7/23/12 Voluntary	No	2.13	14.16	Hook up to MUD
24	Dunbar (Otoe)	Conservation	8/1/12	#401	SWL	18	PWL	21	Decrease water usage	7/2/12 Voluntary	No	2.05	15.43	None at this time
				#701	SWL	17	PWL	20						
25	Eagle Lake (Cass)	Conservation	9/19/12						Decrease water usage	7/10/12 Mandatory	No	1.94	16.55	None at this time
26	Elm Creek (Buffalo)	Conservation	8/16/12	#771	SWL	23	PWL	117	Odd/even watering	7/19/12 Voluntary	No	0.45	8.77	None at this time
				#861	SWL	23	PWL	97						
27	Eustis (Frontier)	Conservation	7/31/12						Odd/even water; no watering from 10 AM to 10 PM	7/16/12 Voluntary	No	0.24	10.25	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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
28	Fordyce (Cedar)	Conservation	9/20/12					No lawn water or vehicle washing	7/18/12 Voluntary	No	0.78	9.27	None at this time
29	Goehner (Seward)	Conservation	9/27/12		SWL 88	PWL 115		Odd/even lawn watering	Mandatory	No	0.94	9.34	None at this time
30	Gothenburg (Dawson)	Conservation	7/31/12	#901 #861	SWL 50 SWL 70	PWL 120 PWL 121		Conservation awareness	Voluntary	No	0.31	9.61	None at this time
31	Grafton (Fillmore)	Conservation	9/27/12	#361 #001	SWL UNK SWL 110	PWL UNK PWL 112		Odd/even lawn watering	Voluntary	No	0.9	13.82	None at this time
32	Greenwood (Saunders)	Conservation	9/19/12					Conservation awareness	Voluntary	No	1.59	7.68	None at this time
33	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	0.2	8.81	None at this time
34	Harbine (Jefferson)	Water Levels	8/8/12		SWL 151	PWL 159		No lawn/restricted garden watering	7/18/12 Voluntary	No	2.39	16.13	New well
35	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	0.65	6.66	Limited water use at city park & football
36	Hickman (Lancaster)	Conservation	7/26/12					Odd/even lawn watering	7/23/12 Voluntary	No	2.26	16.85	None at this time
37	Homer (Dakota)	Water Levels	9/20/12	East West Ballfield	SWL 79 SWL 142 SWL 48	PWL 99 PWL UNK PWL 90		Odd/even watering	7/12/12 Voluntary	No	0.58	13.17	Repair & update the other 2 wells
38	Howells (Colfax)	Conservation	9/27/12	East West	SWL 150 SWL 120	PWL 160 PWL 138		Odd/even watering	7/25/12 Voluntary	No	0.32	8.5	None at this time
39	Hyannis (Grant)	Conservation	8/23/12	#041 #872	SWL 55 SWL 47	PWL 95 PWL 60		Odd/even lawn watering; no watering on Monday	6/29/12 Mandatory	Yes	1.07	5.34	None at this time
40	Johnson (Nemaha)	Conservation	8/8/12	#861 #862	SWL 30 SWL 38	PWL 34 PWL 44		Conserve outdoor water use	8/8/12 Voluntary	No	3.02	16.15	None at this time
41	Lake Ventura SID #3 (Dodge)	Water Levels	9/19/12	#811 #071	SWL 41 SWL UNK	PWL 52 PWL UNK		Odd/even watering	7/30/12 Voluntary	No	1.05	14.33	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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
				West North	SWL	UNK	PWL	UNK						
42	Laurel (Cedar)	Water Levels	9/27/12	#20091	SWL 15	PWL 84	PWL 90	UNK 34	No lawn watering	7/5/12 Mandatory	No	0.78	9.27	None at this time
43	Leigh (Colfax)	Water Levels	9/27/12	#3 #4	SWL 214 SWL 228	PWL 223 PWL 234			Odd/even watering from 9 PM to 7 AM	7/26/12 Voluntary	No	0.32	8.5	None at this time
44	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
45	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
46	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
47	Maskell (Dixon)	Conservation	9/27/12	#821	SWL 17	PWL 35			Odd/even watering	7/19/12 Voluntary	No	0.7	10.92	None at this time
48	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
49	Milford (Seward)	Conservation	9/13/12	#1 #2 #3 #4 #5 #6	SWL 79 SWL 77 SWL 209 SWL 148 SWL 38 SWL 28	PWL 89 PWL 87 PWL 329 PWL 225 PWL 45 PWL 42			Odd/even lawn watering; no watering on Monday	7/24/12 Voluntary	No	0.94	9.34	None at this time
50	Minden (Kearney)	Conservation	8/2/12						Voluntary reduction	6/15/12 Voluntary	No	1.13	11.38	None at this time
51	Newcastle (Dixon)	Conservation	9/27/12	#1 #2	SWL 25 SWL 30	PWL 44 PWL 40			No lawn watering	7/11/12 Voluntary	No	0.7	10.22	New well
52	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
53	Ogallala (Keith)	Conservation	8/1/12						Voluntary reduction	6/25/12 Voluntary	No	0.34	7.06	None at this time
54	Osmond (Pierce)	Conservation	9/27/12	#591 #651	SWL 40 SWL 22	PWL UNK PWL 31			Alternate east/west side of town	6/27/12 Voluntary	No	0.36	9.67	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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	
				#1	SWL	UNK	PWL							UNK
55	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	2.05	15.43	None at this time
56	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
57	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
58	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
59	Peru (Nemaha)	Infrastructure	8/14/12		SWL	17	PWL	26	No outdoor watering	8/8/12 Voluntary	No	3.02	16.15	Repair well
60	Pierce (Pierce)	Infrastructure	9/27/12	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
61	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
62	Plainview (Pierce)	Conservation	9/27/12	#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
63	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
64	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
65	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

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 28, 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							
66 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	0.45	8.79	New well
67 Staplehurst (Seward)	Conservation	8/1/12						Odd/even lawn watering	Mandatory	No	0.94	9.34	None at this time
68 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
69 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	2.05	15.43	New well
70 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
71 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
72 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
73 Valley View (Saunders)	Conservation	9/19/12						Odd/even lawn watering	8/21/12 Voluntary	No	1.59	7.68	None at this time
74 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
75 Weeping Water (Cass)	Conservation	9/19/12						Voluntary reduction	7/25/12 Voluntary	No	1.94	16.55	None at this time

PUBLIC WATER SYSTEMS DROUGHT IMPACT REPORT

September 28, 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
9/28/12	26	7	42	75

55 Voluntary Restrictions
20 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

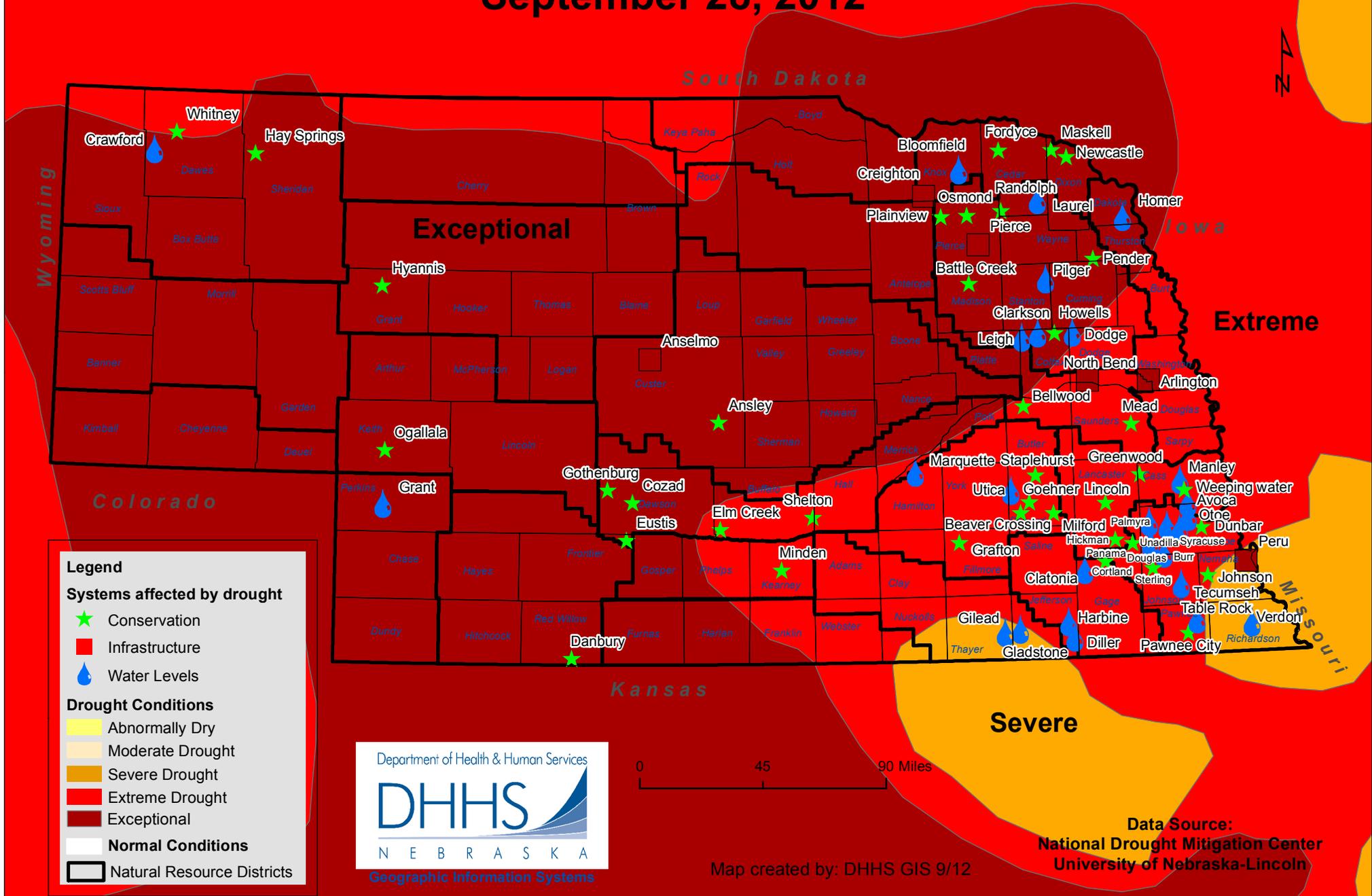
Replaced 2 wells in Antelope County and 1 in Holt County

Lower Platte South NRD – Lincoln, NE

Replaced 1 well and lowered 1 well pump in Lancaster County

Drought Map of Nebraska

September 28, 2012



Legend

Systems affected by drought

- ★ Conservation
- Infrastructure
- 💧 Water Levels

Drought Conditions

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

Normal Conditions

- Natural Resource Districts



Geographic Information Systems



Data Source:
National Drought Mitigation Center
University of Nebraska-Lincoln

Map created by: DHHS GIS 9/12