

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 14, 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	0.63	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	0.63	9.97	None at this time
3 Arlington (Washington)	Infrastructure	8/22/12						Odd/even lawn watering	7/18/12 Voluntary	No	0.85	14.03	None at this time
4 Battle Creek (Madison)	Conservation	9/13/12	#1 #2 #3	SWL SWL SWL	UNK 11 14	PWL UNK PWL	UNK UNK 39	Odd/even lawn watering; no water from 12 PM to 6 PM	7/16/12 Mandatory	No	0.96	11.27	Develop well field south of town
5 Beaver Lake (Cass)	Water Levels	8/22/12						Odd/even lawn watering; no watering from 12 PM to 6 PM	Mandatory	No	0.76	16.51	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	0.50	13.91	None at this time
7 Bloomfield (Knox)	Water Levels	9/13/12	#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	0.90	8.32	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	1.05	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	1.69	15.34	None at this time
10 Cass Co. RWD #2 (Cass)	Conservation	8/22/12		SWL	71	PWL	137	Odd/even watering; no watering on Monday	8/1/12 Voluntary	No	0.76	16.51	Well update
11 Clarkson (Colfax)	Water Levels	9/13/12	#21 #771 #821	SWL SWL SWL	95 56 90	PWL UNK PWL	140 UNK 96	Odd/even watering; restricted usage from 10 AM to 9 PM	7/11/12 Mandatory	No	0.87	8.41	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	1.88	16.44	Encourage irrigators to minimize their operations
13 Cody Land Court (Lincoln)	Conservation	8/1/12						Odd/even watering	Voluntary	No	0.72	7.30	None at this time

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				#	SWL	PWL	UNK						
14	Cortland (Gage)	Conservation	8/1/12	#751	SWL 160	PWL 206		Lawn watering every other day	7/27/12 Voluntary	No	1.88	16.44	None at this time
15	Country Village Sub. (Stanton)	Water Levels	9/13/12	East	SWL 138	PWL 153		No external watering	7/12/12 Mandatory	No	1.07	11.64	None at this time
				West	SWL 140	PWL 153							
16	Cozad (Dawson)	Conservation	7/31/12					No lawn watering from 10 AM to 10 PM	Voluntary	No	1.97	9.5	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	0.22	6.31	None at this time
				98-2	SWL 33	PWL 55							
				97-3	SWL 7	PWL 9							
				97-2	SWL 8	PWL 13							
18	Creighton (Knox)	Infrastructure	9/13/12	#1	SWL 20	PWL 34		Voluntary reduction	7/3/12 Voluntary	No	0.90	8.32	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	1.34	7.96	None at this time
20	Dannebrog (Howard)	Conservation	8/22/12	#2	SWL 30	PWL 104		Voluntary reduction	7/25/12 Voluntary	No	0.88	9.65	None at this time
				#3	SWL 26	PWL 95							
21	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	0.22	6.31	None at this time
22	Diller (Jefferson)	Water Levels	7/31/12		SWL 104	PWL 109		No lawn watering	7/18/12 Voluntary	No	1.94	15.86	None at this time
23	Dodge (Dodge)	Water Levels	8/22/12	#441	SWL 41	PWL 48		General request to conserve	8/8/12 Voluntary	No	1.13	14.28	None at this time
				#861	SWL 40	PWL 48							
24	Douglas Co. SID #286 Rolling Meadows (Douglas)	Conservation	8/7/12					Voluntary reduction	7/23/12 Voluntary	No	0.49	13.37	Hook up to MUD
25	Dunbar (Otoe)	Conservation	8/1/12	#401	SWL 18	PWL 21		Decrease water usage	7/2/12 Voluntary	No	1.69	15.34	None at this time
				#701	SWL 17	PWL 20							
26	Eagle (Cass)	Conservation	8/22/12					Odd/even watering	7/26/12 Voluntary	No	0.76	16.51	None at this time

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27 Eagle Lake (Cass)	Conservation	8/22/12					Decrease water usage	7/10/12 Mandatory	No	0.76	16.51	None at this time	
28 Elm Creek (Buffalo)	Conservation	8/16/12	#771 #861	SWL SWL	23 23	PWL PWL	117 97	Odd/even watering	7/19/12 Voluntary	No	1.02	8.77	None at this time
29 Eustis (Frontier)	Conservation	7/31/12					Odd/even water; no watering from 10 AM to 10 PM	7/16/12 Voluntary	No	1.57	10.19	None at this time	
30 Fordyce (Cedar)	Conservation	9/13/12					No lawn water or vehicle washing	7/18/12 Voluntary	No	0.47	9.14	None at this time	
31 Goehner (Seward)	Conservation	9/13/12		SWL	92	PWL	105	Odd/even lawn watering	Mandatory	No	0.54	9.07	None at this time
32 Gothenburg (Dawson)	Conservation	7/31/12	#901 #861	SWL SWL	50 70	PWL PWL	120 121	Conservation awareness	Voluntary	No	1.97	9.5	None at this time
33 Grafton (Fillmore)	Conservation	9/12/13	#361 #001	SWL SWL	UNK 111	PWL PWL	UNK 115	Odd/even lawn watering	Voluntary	No	1.07	13.74	None at this time
34 Greenwood (Saunders)	Conservation	8/22/12					Conservation awareness	Voluntary	No	0.31	7.65	None at this time	
35 Grant (Perkins)	Water Levels	7/12/12	#3 #5 #6	SWL SWL SWL	UNK 300 300	PWL PWL PWL	UNK 308 330	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	8.77	None at this time
36 Harbine (Jefferson)	Water Levels	8/8/12		SWL	151	PWL	159	No lawn/restricted garden watering	7/18/12 Voluntary	No	1.94	15.86	New well
37 Hay Springs (Sheridan)	Conservation	8/1/12	#921 #241	SWL SWL	47 35	PWL PWL	245 215	Ask customers to curtail watering	7/27/12 Voluntary	No	0.76	6.59	Limited water use at city park & football
38 Hickman (Lancaster)	Conservation	7/26/12					Odd/even lawn watering	7/23/12 Voluntary	No	0.52	15.03	None at this time	
39 Homer (Dakota)	Water Levels	9/13/12	East West Ballfield	SWL SWL SWL	79 142 48	PWL PWL PWL	99 UNK 90	Odd/even watering	7/12/12 Voluntary	No	0.44	13.1	Repair & update the other 2 wells
40 Howells (Colfax)	Conservation	9/13/12	East West	SWL SWL	150 120	PWL PWL	160 138	Odd/even watering	7/25/12 Voluntary	No	0.87	8.41	None at this time

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				#	SWL	PWL	UNK							
41	Hyannis (Grant)	Conservation	8/23/12	#041	SWL 55	PWL 95			Odd/even lawn watering; no watering on Monday	6/29/12 Mandatory	Yes	0	4.02	None at this time
42	Johnson (Nemaha)	Conservation	8/8/12	#861	SWL 30	PWL 34			Conserve outdoor water use	8/8/12 Voluntary	No	1.45	15.88	None at this time
43	Lake Ventura SID #3 (Dodge)	Water Levels	8/7/12	#811	SWL 41	PWL 52			Odd/even watering	7/30/12 Voluntary	No	1.13	14.28	None at this time
44	Laurel (Cedar)	Water Levels	9/13/12	West North #20091	SWL 15	PWL 34	UNK 84	PWL 90	No lawn watering	7/5/12 Mandatory	No	0.47	9.14	None at this time
45	Leigh (Colfax)	Water Levels	9/13/12	#3	SWL 214	PWL 223			Odd/even watering from 9 PM to 7 AM	7/26/12 Voluntary	No	0.87	8.41	None at this time
46	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	0.52	15.03	None at this time
47	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	15.79	None at this time
48	Marquette (Hamilton)	Water Levels	8/1/12	#1	SWL 115	PWL 130			No lawn watering	7/12/12 Mandatory	No	1.49	11.42	None at this time
49	Maskell (Dixon)	Conservation	9/13/12	#821	SWL 17	PWL 35			Odd/even watering	7/19/12 Voluntary	No	0.83	10.22	None at this time
50	Mead (Saunders)	Conservation	8/22/12		SWL 26	PWL 36			Odd/even watering	7/27/12 Voluntary	No	0.31	7.65	None at this time
51	Milford (Seward)	Conservation	9/13/12	#1	SWL 79	PWL 89			Odd/even lawn watering; no watering on Monday	7/24/12 Voluntary	No	0.54	9.07	None at this time
				#2	SWL 77	PWL 87								
				#3	SWL 209	PWL 329								
				#4	SWL 148	PWL 225								
				#5	SWL 38	PWL 45								
52	Minden (Kearney)	Conservation	8/2/12	#6	SWL 28	PWL 42			Voluntary reduction	6/15/12 Voluntary	No	2.25	11.38	None at this time
53	Newcastle (Dixon)	Conservation	9/13/12	#1	SWL 25	PWL 44			No lawn watering	7/11/12 Voluntary	No	0.83	10.22	New well
				#2	SWL 30	PWL 40								

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54 North Bend (Dodge)	Infrastructure	8/22/12		SWL	15	PWL		Voluntary reduction	7/24/12 Voluntary	No	1.13	14.28	None at this time
55 Ogallala (Keith)	Conservation	8/1/12						Voluntary reduction	6/25/12 Voluntary	No	0.39	6.99	None at this time
56 Osmond (Pierce)	Conservation	9/13/12	#591 #651	SWL SWL	40 22	PWL PWL	UNK 31	Alternate east/west side of town	6/27/12 Voluntary	No	0.9	9.67	None at this time
57 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	1.69	15.34	None at this time
58 Panama (Lancaster)	Conservation	8/8/12	#681	SWL	137	PWL	148	Odd/even watering	8/8/12 Voluntary	No	0.52	15.03	None at this time
59 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	12.37	None at this time
60 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	5.05	None at this time
61 Peru (Nemaha)	Infrastructure	8/14/12		SWL	17	PWL	26	No outdoor watering	8/8/12 Voluntary	No	1.45	15.88	Repair well
62 Pierce (Pierce)	Infrastructure	9/13/12	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	9.67	None at this time
63 Pilger (Stanton)	Water Levels	9/13/12	#01 #931	SWL SWL	16 14	PWL PWL	21 16	Reduce water usage	Voluntary	No	1.07	11.64	None at this time
64 Plainview (Pierce)	Conservation	9/13/12	#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	0.90	9.67	None at this time
65 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	0.47	9.14	None at this time
66 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	0.90	7.77	None at this time

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67	Saunders Co. SID #6 Riverview (Saunders)	Water Levels	8/22/12		SWL 69	PWL 72			No lawn watering	7/26/12 Mandatory	No	0.31	7.65	Install new well	
68	Sarpy Co. SID #158 Tiburon (Sarpy)	Water Levels	8/22/12	#1 #2 #3 #4 #5	SWL 56 SWL 22 SWL 27 SWL 42 SWL 43	PWL 64 PWL 35 PWL 42 PWL 62 PWL 60			Odd/even watering	8/2/12 Mandatory	No	1.13	15.76	None at this time	
69	Shelby (Polk)	Conservation	9/13/12		SWL 143	PWL 145			Odd/even lawn watering	Mandatory	No	0.43	10.87	None at this time	
70	Shelton (Buffalo)	Water Levels	8/2/12	#021 #971 #051	SWL 83 SWL 75 SWL 85	PWL 123 PWL 99 PWL 105			Every other day watering	Mandatory	No	1.05	8.79	New well	
71	Staplehurst (Seward)	Conservation	8/1/12						Odd/even lawn watering	Mandatory	No	0.59	9.07	None at this time	
72	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	15.2	Install water meters	
73	Syracuse (Otoe)	Water Levels	8/1/12	#1 #2	SWL 62 SWL 99	PWL 83 PWL 106			Odd/even water use; no watering on Monday	7/19/12 Voluntary	No	1.69	15.34	New well	
74	Table Rock (Pawnee)	Water Levels	9/6/12	#781 #081	SWL 121 SWL 121	PWL 136 PWL 127			No outside watering, washing of vehicles	7/26/12 Mandatory	No	1.21	12.37	None at this time	
75	Tecumseh (Johnson)	Water Levels	8/28/12	#2 #4 #5 #6	SWL 108 SWL 46 SWL 95 SWL 139	PWL 127 PWL 58 PWL 107 PWL 180			Odd/even lawn watering	7/18/12 Voluntary	No	1.16	15.34	None at this time	
76	Utica (Seward)	Water Levels	8/20/12		SWL 156	PWL 192			Odd/even lawn watering	Mandatory	No	0.54	9.07	None at this time	
77	Valley View (Saunders)	Conservation	8/21/12						Odd/even lawn watering	8/21/12 Voluntary	No		7.65	None at this time	
78	Verdon (Richardson)	Infrastructure	7/31/12	Purchase water from Richardson Co. RWD #2						No lawn watering; no nonessential water use	Voluntary	No	1.62	17.36	Repair water tower
79	Weeping Water (Cass)	Conservation	8/22/12						Voluntary reduction	7/25/12 Voluntary	No	0.76	16.51	None at this time	

PUBLIC WATER SYSTEMS DROUGHT IMPACT REPORT

September 14, 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.

(Monthly average rainfall column has not been update due to server error.)

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

57 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

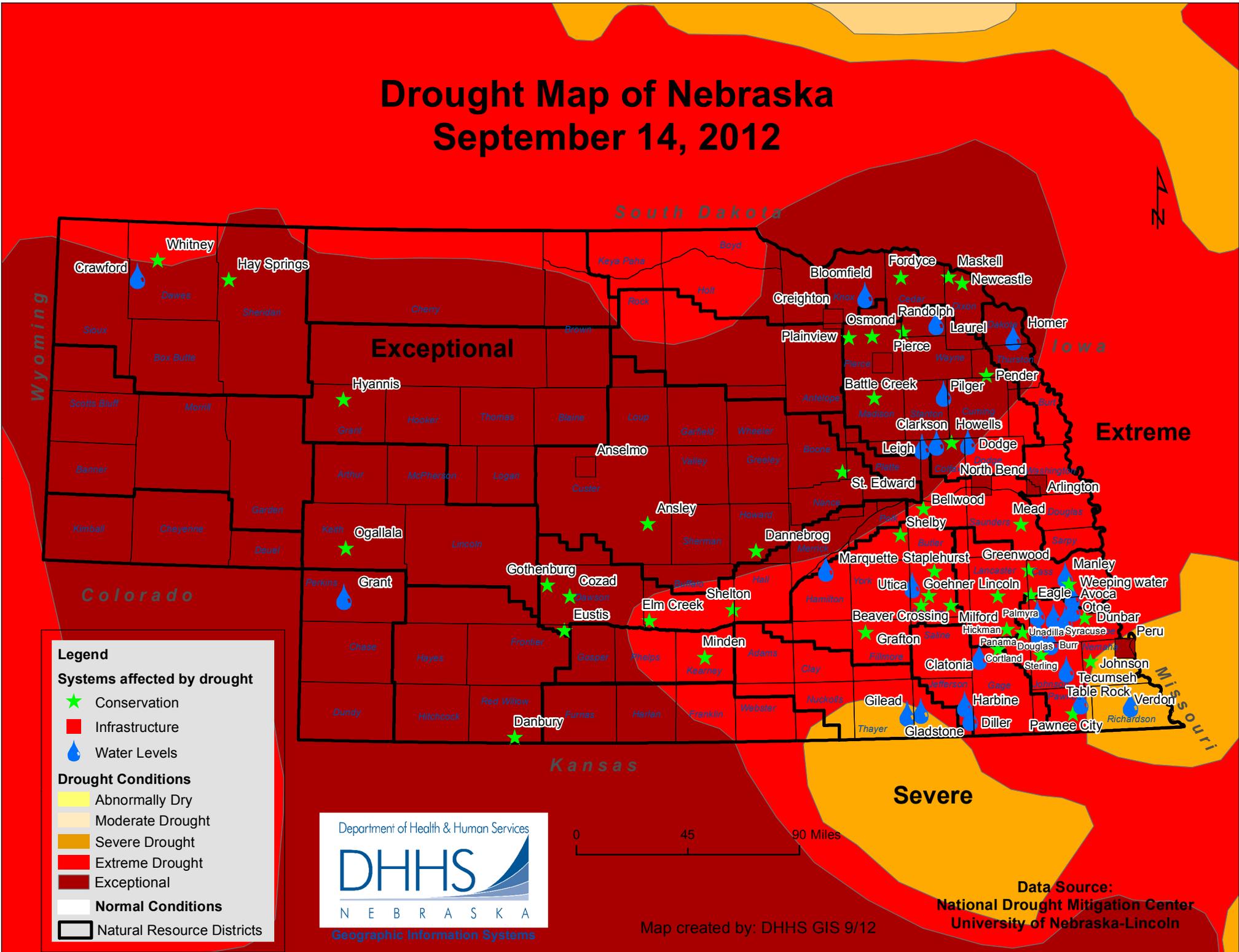
Replaced 2 wells in Antelope County and 1 in Holt County

Lower Platte South NRD – Lincoln, NE

Replaced 1 well and lowered 1 well pump in Lancaster County

Drought Map of Nebraska

September 14, 2012



Geographic Information Systems

0 45 90 Miles

Map created by: DHHS GIS 9/12

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