

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

September 6, 2013



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	Population Affected by Restrictions	County Monthly Average Rainfall Reported in Inches	County Average YTD Rainfall Reported in Inches	Proposed Improvements
			#	SWL	PWL	UNK						
1 Battle Creek (Madison)	Conservation	9/3/13	#1	SWL 13	PWL 35		Odd/even lawn watering; no watering from 12 PM to 6 PM	7/16/12 Mandatory	1,207	2.35	16.24	Develop well field south of town
2 Benkelman (Dundy)	Infrastructure	7/25/13		SWL 33	PWL 27		Odd/even lawn watering; no watering from 10 AM to 6 PM; no watering Sunday	3/1/13 Mandatory	953	2.10	11.33	Locate new water source
3 Elsie (Perkins)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	106	1.40	13.08	None at this time
4 Gering (Scotts Bluff)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	8,500	0.89	6.77	None at this time
5 Gothenburg (Dawson)	Conservation	7/18/13		SWL	PWL		Voluntary cut back in watering	Voluntary	3,574	1.22	15.80	None at this time
6 Grant (Perkins)	Water Levels	7/17/13	#3	SWL UNK	PWL UNK		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	1,165	1.40	13.08	None at this time
7 Harbine (Jefferson)	Infrastructure	7/17/13		SWL 160	PWL 165		No outside watering	Mandatory	49	1.56	21.32	Upgrade pump & motor & add VFD control, lower pump
8 Hyannis (Grant)	Conservation	7/17/13 7/18/13	#041 #872	SWL 55 SWL 47	PWL 95 PWL 60		Odd/even lawn watering; no watering on Monday	6/29/12 Mandatory	182	1.84	14.95	None at this time
9 Milford (Seward)	Conservation	8/29/13	#1 #2 #3 #4 #5 #6	SWL 80 SWL 79 SWL 202 SWL 145 SWL 30 SWL 20	PWL 87 PWL 87 PWL 329 PWL 216 PWL 46 PWL 36		Voluntary cut back in watering	7/18/13 Mandatory	2,090	0.81	13.83	None at this time
10 Otoe Co RWD #3 (Otoe)	Conservation	8/1/13		SWL	PWL		Voluntary cut back in watering	Voluntary	3,307	1.01	15.49	None at this time

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11	Pawnee City (Pawnee)	Conservation	8/1/13		SWL		PWL		Voluntary cut back in watering 7/29/13 Voluntary	878	2.24	22.11	None at this time
12	Scottsbluff (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering Voluntary	15,039	0.89	6.77	None at this time
13	Terrytown (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering Voluntary	1,198	0.89	6.77	None at this time

TOTAL POPULATION AFFECTED BY RESTRICTIONS 38,248
POPULATION AFFECTED BY MANDATORY RESTRICTIONS 3,556
POPULATION AFFECTED BY VOLUNTARY RESTRICTIONS 34,692

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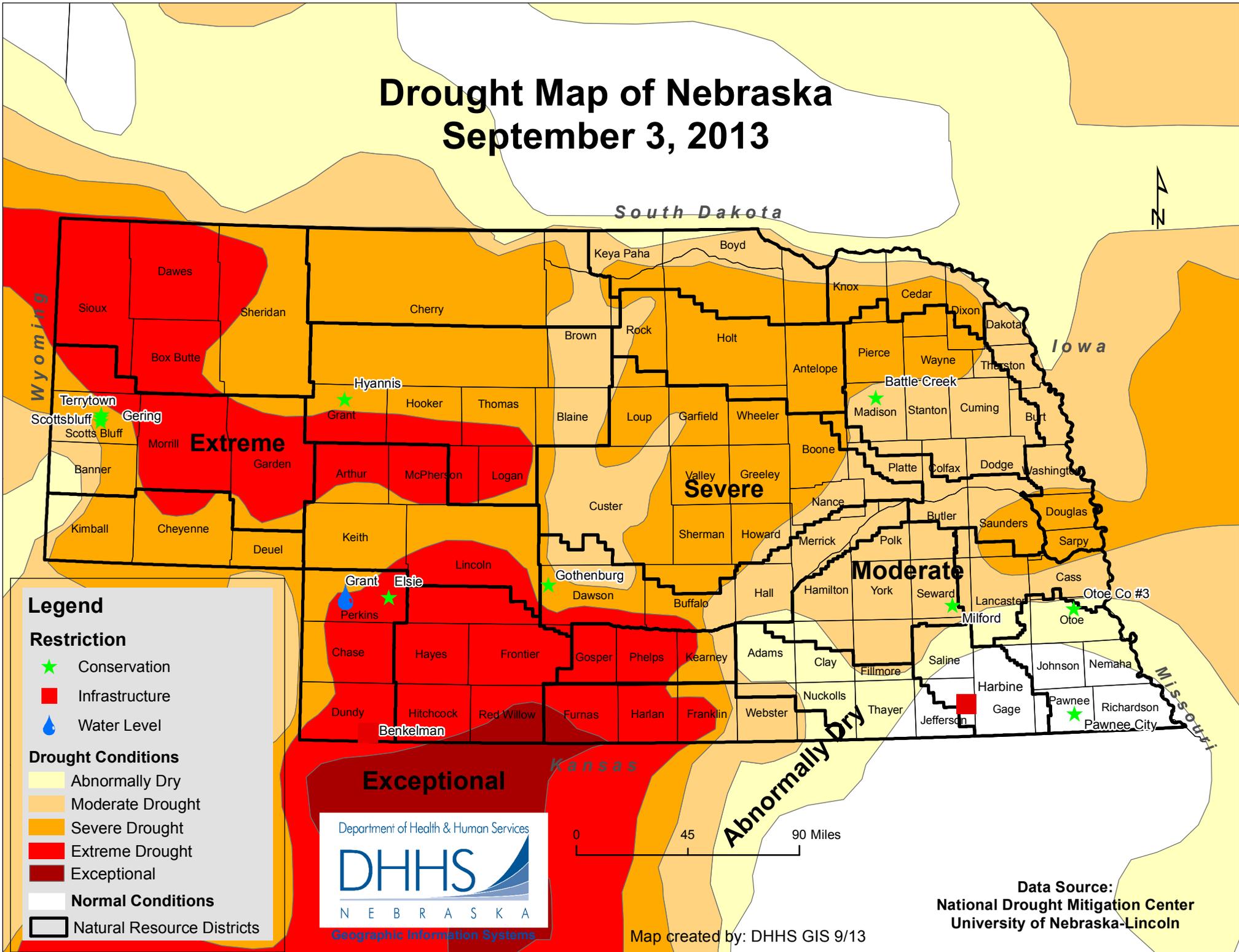
Report Date	Number of Public Water Systems Restricting Water Use By Category			Total
	Water Levels	Infrastructure	Conservation	
7/19/13	2	1	8	11
7/26/13	1	2	10	13
8/2/13	1	2	12	15
8/9/13	1	2	12	15
8/16/13	1	2	12	15
8/23/13	1	2	12	15
8/30/13	1	2	10	13
9/6/13	1	2	10	13

8 Voluntary Restrictions
5 Mandatory Restrictions

Clarkson and Lyons have eliminated watering restrictions.

Drought Map of Nebraska

September 3, 2013



Legend

Restriction

- ★ Conservation
- Infrastructure
- 💧 Water Level

Drought Conditions

- Abnormally Dry
- Moderate Drought
- Severe Drought
- Extreme Drought
- Exceptional
- Normal Conditions
- Natural Resource Districts



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

Map created by: DHHS GIS 9/13