

**PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT**

September 27, 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	9/23/13	#1	SWL 13	PWL 30		Odd/even lawn watering; no watering from 12 PM to 6 PM	7/16/12 Mandatory	1,207	0.29	16.40	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	2.20	12.66	Locate new water source
3 Elsie (Perkins)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	106	1.53	14.11	None at this time
4 Gering (Scotts Bluff)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	8,500	2.28	8.67	None at this time
5 Gothenburg (Dawson)	Conservation	7/18/13		SWL	PWL		Voluntary cut back in watering	Voluntary	3,574	1.17	16.90	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	1.53	14.11	None at this time
7 Harbine (Jefferson)	Infrastructure	7/17/13		SWL 160	PWL 165		No outside watering	Mandatory	49	2.56	23.06	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	1.58	15.80	None at this time
9 Milford (Seward)	Conservation	9/23/13	#1 #2 #3 #4 #5 #6	SWL 80 SWL 79 SWL 216 SWL 160 SWL 34 SWL 25	PWL 87 PWL 87 PWL 334 PWL 220 PWL 46 PWL 34		Voluntary cut back in watering	7/18/13 Mandatory	2,090	1.77	14.85	None at this time
10 Otoe Co RWD #3 (Otoe)	Conservation	8/1/13		SWL	PWL		Voluntary cut back in watering	Voluntary	3,307	2.58	17.20	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	2.33	23.80	None at this time
12	Scottsbluff (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering Voluntary	15,039	2.28	8.67	None at this time
13	Terrytown (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering Voluntary	1,198	2.28	8.67	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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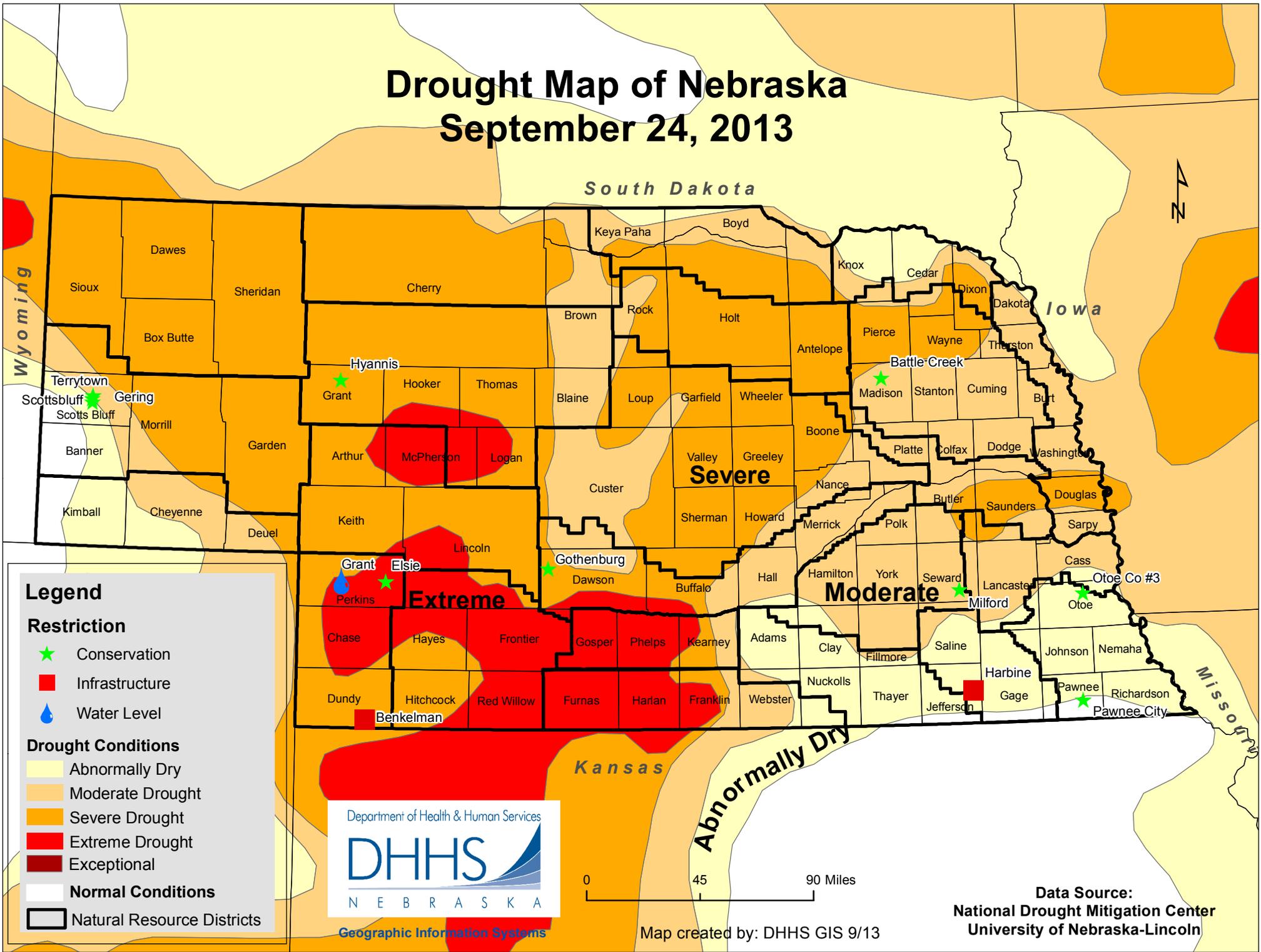
**September 27, 2013**

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
9/13/13	1	2	10	13
9/20/13	1	2	10	13
9/27/13	1	2	10	13

8 Voluntary Restrictions  
5 Mandatory Restrictions

# Drought Map of Nebraska

## September 24, 2013



### Legend

#### Restriction

- ★ Conservation
- Infrastructure
- 💧 Water Level

#### Drought Conditions

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

#### Normal Conditions

- Natural Resource Districts



Geographic Information Systems



Map created by: DHHS GIS 9/13

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