

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 2, 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	7/22/13	#1	SWL 20	PWL 46		Odd/even lawn watering; no watering from 12 PM to 6 PM	7/16/12 Mandatory	1,207	1.32	11.46	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	2.11	9.04	Fix treatment plant and/or locate new water source
3 Clarkson (Colfax)	Conservation	7/29/13	#021 #771 #821	SWL 98 SWL 29 SWL 92	PWL 104 PWL 73 PWL 118		Odd/even watering with restricted usage before 10 AM to 6 PM	Voluntary	645	1.59	11.63	None at this time
4 Elsie (Perkins)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	106	4.01	12.31	None at this time
5 Gering (Scotts Bluff)	Conservation	7/17/13		SWL	PWL		Voluntary cut back in watering	Voluntary	8,500	0.96	5.72	None at this time
6 Gothenburg (Dawson)	Conservation	7/18/13		SWL	PWL		Voluntary cut back in watering	Voluntary	3,574	2.09	11.79	None at this time
7 Grant (Perkins)	Water Levels	7/17/13	#3 #5 #6	SWL UNK SWL 300 SWL 300	PWL UNK PWL 308 PWL 330	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	4.01	12.31	None at this time
8 Harbine (Jefferson)	Infrastructure	7/17/13		SWL 160	PWL 165		No outside watering	Mandatory	49	2.27	16.93	Upgrade pump & motor & add VFD control, lower pump
9 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	1.60	8.13	None at this time
10 Lyons (Burt)	Conservation	7/29/13	#7601 #7801 #2002	SWL 18 SWL 28.5 SWL 16.5	PWL 25 PWL 37 PWL 26		Alternate days for watering with system divided east/west	Voluntary	860	1.09	16.67	None at this time
11 Milford (Seward)	Conservation	7/24/13		SWL	PWL		Voluntary cut back in watering	Voluntary	2,090	1.19	16.07	None at this time

PUBLIC WATER SYSTEM DROUGHT IMPACT REPORT

August 2, 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							
12	Otoe Co RWD #3 (Otoe)	Conservation	8/1/13		SWL		PWL		Voluntary cut back in watering	Voluntary	3,307	1.39	16.04	None at this time
13	Pawnee City (Pawnee)	Conservation	8/1/13		SWL		PWL		Voluntary cut back in watering	7/29/13 Voluntary	878	3.54	17.86	None at this time
14	Scottsbluff (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering	Voluntary	15,039	0.96	5.72	None at this time
15	Terrytown (Scotts Bluff)	Conservation	7/18/13		SWL		PWL		Voluntary cut back in watering	Voluntary	1,198	0.96	5.72	None at this time

TOTAL POPULATION AFFECTED BY RESTRICTIONS 39,753
POPULATION AFFECTED BY MANDATORY RESTRICTIONS 3,556
POPULATION AFFECTED BY VOLUNTARY RESTRICTIONS 36,197

PUBLIC WATER SYSTEMS DROUGHT IMPACT REPORT

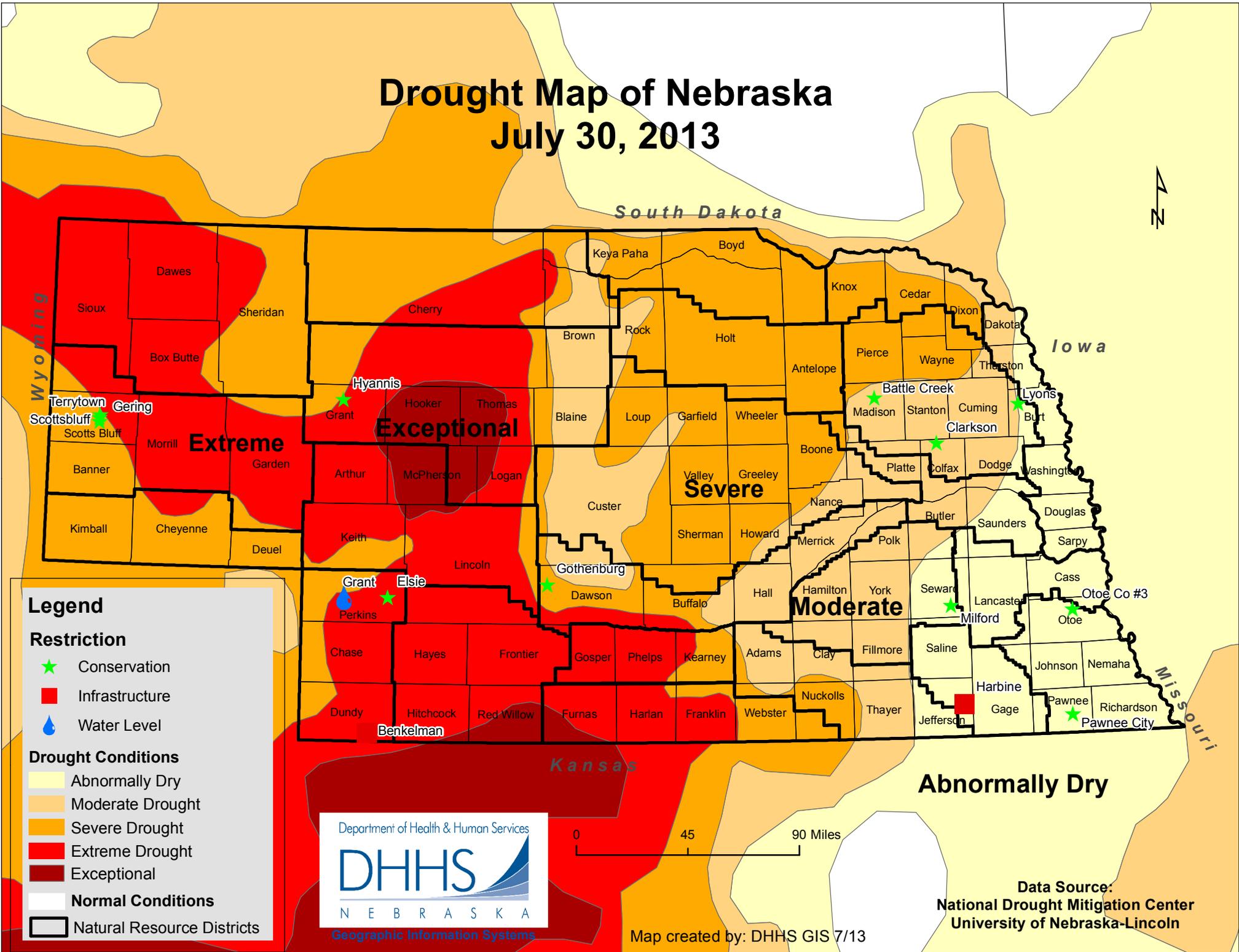
August 2, 2013

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

10 Voluntary Restrictions
5 Mandatory Restrictions

Drought Map of Nebraska

July 30, 2013



Legend

Restriction

- ★ Conservation
- Infrastructure
- 💧 Water Level

Drought Conditions

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



Abnormally Dry

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

Map created by: DHHS GIS 7/13