

2011 FLOOD REPORTING

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- June 1 – State Emergency Operations Center Activated
- June 6 – Started Tracking River Levels
 - Reported to EPA, USDA, Jack Daniel, SEOC, DHHS Field Staff and Southeast Dist. Health Dept.
- June 15 to 27 – Daily Conference Calls
 - Weekly Conference Calls thru July
- June 27 – Started Tracking Release Rates

Community Public Water Systems

- Niobrara
- South Sioux City
- Blair
- Plattsmouth
- Nebraska City
- Brownville
- Falls City
- Peru
- North Platte

NAME	COUNTY	FACILITIES AFFECTED	ELEVATION OF FACILITIES	WATER LEVEL AT GAUGING STATION (ASL/RD)	WATER LEVEL GAUGING STATION FLOOD LEVEL (ASL/RD)	CONSECUTIVE SYSTEMS
Nebraska City	Otoe	11 Vertical Turbine Wells	927'	928.08'/22.72'	923.36'/18'	Otoe co RWD #1
Brownville	Nemaha	2 wells, water treatment plant	901'	898.02'/38.02'	893'/33'	
Falls City	Richardson	11 wells, 9 presently operational	854'-864'	860.72'/23.49'	854.23'/17'	Richardson Co RWD #2, Rulo, Salem, Verdon
Blair	Washington	Intakes	1010'	1007.95'/30.51'	1,004.08'/26.5'	
Plattsmouth	Cass	7 wells, treatment plant	959', 964'	961.58'/33.27'	954.31'/26'	
South Sioux City	Dakota	4 wells, 2 treatment plants	1088'-1091'	1090.36'/33.38'	1,086.98'/30'	
Niobrara	Knox	2 wells	1226'	1250.81'/32.83	1,223'/23'	
North Platte	Lincoln	3 wells	2,812'	2798.73'/6.73'	2,798'/6'	
Ogallala (Roscoe)	Keith	8 wells, 2 WTP's	3232'	3153.84'/3.84'	3159'/9'	
Peru	Nemaha	2 wells and WTP	907'	898.98'/38.41'	893'/33'	

Date	Fort Peck Reservoir	Garrison Reservoir	Oahe Reservoir	Big Bend Reservoir	Ft. Randall Reservoir	Gavins Point Reservoir	Lake McConaughy
06/01/2011	9.7	85.5	86.3	83.9	76.6	77	
06/02/2011	9.6	91.3	86.1	69.5	79.9	80	
06/03/2011	13	105	86.9	77.9	83.1	83.7	
06/04/2011	19	113.2	94.2	89.1	91.2	84.9	7.503
08/08/2011	29.3	101.8	129.8	128.5	149	150	5.36
08/09/2011	29.5	100.4	130	127.4	147.2	150.2	5.43
08/10/2011	29.3	100.4	130.4	126.3	145.6	150.1	5.42
08/11/2011	29.4	100.5	128.1	125.2	146.3	150	5.45
08/12/2011	29.2	100.4	130.3	123.2	145.8	150	
08/13/2011	26.8	96.9	130.1	124.6	148.2	150	
08/14/2011	25.5	95.1	130	124.5	148.1	149.9	
08/15/2011	25.2	91.8	129.8	125.8	148.2	150	5.52
08/16/2011	25.2	89.8	130.2	125	148.5	150	5.51

PREPARATIONS

- Protect the water facilities!
- SAND BAG, SAND BAG, SAND BAG!!

PLANS

- South Sioux City has connection to Sioux City, IA
- Plattsmouth completed connection to Beaver Lake.
- NE City secured 2 portable water treatment units
- Falls City serves Richardson Co RWD #2, Rulo, Salem and Verdon

Temporary dike erected at South Sioux City



Walls built around well house at South Sioux City



South Sioux City early June



One Ton sand bags air lifted by National Guard in North Platte



One Ton sand bags airlifted in North Platte



Falls City sandbagged 3 well houses



Sand Boils at Falls City



Cooper Nuclear Plant by Falls City



WHAT NOW?

- Emergency Response Plan
- Change & update ERP
- Status of impacted wells
- Status of levees
- Disposal of sand bags
- What if this happens again next year?
- Document Everything!!

Ft. Calhoun Nuclear Plant



Blair Water Treatment Plant



Gavins Point Dam – June 13, 2011 Release Rate 144.9 cfs



Well houses at South Sioux City



I-29 in Iowa









EXIT
61 B

RAMP
25
MPH



Labor Monument near Eppley Airfield



**This Flood
Brought To You By
Army Corps
of Engineers**

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QUESTIONS?