## 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'		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)		8 wells, 2 WTP's	3232'	3153.84'/3.84'	3159'/9'			
Peru		2 wells and WTP	907'	898.98'/38.41'	893'/33'			

Date	Fort Peck	Garrison	Oahe	Big Bend	Ft. Randall	Gavins Point	Lake
	Reservoir	Reservoir	Reservoir	Reservoir	Reservoir	Reservoir	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		100.4	130	127.4		150.2	5.43
08/09/2011	29.5	100.4	150	127.4	147.2	150.2	5.45
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



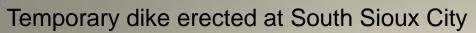
Protect the water facilities!

• 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





#### 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

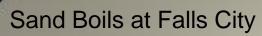


#### One Ton sand bags airlifted in North Platte



#### Falls City sandbagged 3 well houses







#### 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

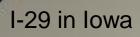
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#### Well houses at South Sioux City

















#### Labor Monument near Eppley Airfield



## This Flood Brought To You By Army Corps of Engineers 202-761-0001

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## **QUESTIONS?**