CITY COUNCIL ORGANIZATIONAL MEETING
JULY 15, 2013
555 S. 10TH STREET, ROOM 113
IMMEDIATELY FOLLOWING DIRECTORS' MEETING

I. MINUTES

1. Director's Meeting minutes of July 1, 2013
2. Organizational Meeting minutes of July 1, 2013.

II. BOARDS/COMMITTEES/COMMISSIONS/CONFERENCE REPORTS

1. Railroad Safety Transportation District (RTSD) - Christensen, Emery, Gaylor Baird.
2. Parks and Recreation Advisory Board - Cook
3. Joint Budget Committee - Emery, Gaylor Baird
4. West Haymarket Joint Public Agency - Emery
5. Information Services Policy Committee (ISPC) - Fellers

III. REQUESTS OF COUNCIL FROM MAYOR

IV. MISCELLANEOUS

V. CITY COUNCIL MEMBERS

VI. MEETINGS/INVITATIONS

See invitation list.

VII. ADJOURNMENT

MINUTES
CITY COUNCIL ORGANIZATIONAL MEETING
JULY 15, 2013

Present: Carl Eskridge, Chair; Jon Camp; Roy Christensen; Jonathan Cook; Trent Fellers; and Leirion Gaylor Baird

Absent: Doug Emery, Vice Chair

Others: Rick Hoppe, Chief of Staff; Jerry Obrist, Chief Engineer of Water Works; Miki Esposito, Public Works & Utilities Director

Chair Eskridge opened the meeting at 2:12 p.m. and announced the location of the Open Meetings Act.

I. MINUTES

1. Director's Meeting minutes of July 1, 2013
2. Organizational Meeting minutes of July 1, 2013.

With no corrections the above minutes placed on file in Council office.

WATER USAGE STATUS - Jerry Obrist

Obrist distributed graph (Attachment 1), showing the water conditions as of 07.03.13. Illustrated are well field model of flow rates are and what we can sustain. Also included is river flow cubic foot per second, water usage in gallons a day. Measured when sold to customers. Then a no restriction zone, Phase 1/Voluntary, Phase 2/Mandatory, which we were at last year, and Phase 3.

Obrist stated in last week's Mayor update showed usage range, with the river flow in pretty good shape. On the lower matrix are different items to look at based on the situation. Discussed amount of water left in the aquifer which we can utilize to treat and provide to customers. Next is the 30 day precipitation forecast. As precipitation drops it pushes us into a different phase. The 30 day temperature forecast is the same this week. One item helping are temperature running approximately 10 degrees lower than last year at this time. Helped as we've had very little rain. The seasonal drought outlook is updated once a month, the US drought monitor updated weekly. The previous 30 day precipitation shows the percentage.

Obrist distributed graph (Attachment 2) illustrating changes resulting from no rain. Esposito added we have briefed the Mayor, and this is today's forecast. Obrist stated they will receive new readings from the well field for remaining operation of volume, and will compute. On Friday can decide where we are regarding where we want to be. We can be several days in one phase, and with rain or cool conditions, can drop down. We're work within a range before making a final decision.

The ending operation volume was 88% on July 9th, now anticipating less, but still puts us in Phase 1. Will evaluate the 30 day forecast, and temperature forecasts, drought outlook, and have a new monitor rating.

On Attachment 3 shows where we are for July and time with where we were in June. Start with June information and you progressively see how things have declined. Full irrigation is in operation, having an effect on the river.

The tables illustrate June and July river flow, weather, monthly norms per day. Focusing on June Lincoln Usage and River Flow. Low usage in June with rainfall occurring. River flow substantial in the beginning, with the monthly average rainfall a little below normal. Usage then increased. July shows

usage with no measurable rain, going up and growing. The temperatures are sliding up, but no extreme condition.

Page 3 shows the remaining operational volume, water left in the well field. Still in good shape. Also shows the river flow over the last few months, and the median river flow for the last 24 years. River flow is declining. Next graph shows the Platte River flow near Ashland at the gauging station. The yellow diamonds represent the 24 medium flow over the last 24 years, where the river should be. The last page is the drought outlook representing depth of drought across the U.S. Previously not much drought in Nebraska but as June 20th started to move across the State.

Cook stated information falls into different categories, and may not all line up. What happens when some are fine with others declining? Obrist replied the biggest control we have is in the river flow and natural usage. We use to temper situations. Use a combination to make a decision. Generally speaking the first listed is of greatest importance. Cook asked how much lead time should people expect before being told it's voluntary or mandatory restrictions? Obrist replied normally we brief everyone, the first phase is voluntary. We found the day you make a decision is the day you implement. We had an experience in '74 with the restriction announced on Friday, to start on Monday, and two reservoirs were drained.

Esposito stated the message is, we can control usage. As it climbs we need to determine where we are in the phases. The community helps by balancing their use. Obrist added they will encourage citizens through the media to get everyone on board. Generally with voluntary usage it drops the usage by 10 to 12 million gallons a day. Then river flows don't plummet. We can stay voluntary if we get usage down.

Cook stated when we passed the ordinance there were no specific rules on how restrictions would be as part of the emergency declaration. Unlike last time these restrictions would apply primarily to lawn watering. Could water flowers and vegetables. He commented primarily an issue on lawns, the vast majority. Obrist added they changed the water management plan, and will have on the website. Listed by phases, with gardens, flower and vegetable, exempt. Suggest the public get a copy of the water management plan, the watering schedule. Obrist commented also we now have water shortage rates. In phase 1 no change in rates, but a slight rate change for usage in the 2nd and 3rd phases. Esposito added, conservation is key.

Obrist said good news is the river is around 1500 now. Last year at this time it was 700. If we voluntarily get to 10 or 12 million a day can probably hold for some time unless the river really falls. Even at 700 is around 60 million gallons a day, still the voluntary phase. Camp stated he would rather be preventative and keep the voluntary action. He asked with 60 million gallons how much is used to water lawns? Obrist replied basically the numbers from last year verifying no watering on Mondays, usage dropped to 35 or 38 million gallons a day. Camp stated people need to brown up their yards some to help out. Talk to the nursery on watering to conserve and still save your yard. Obrist said the public golf courses use dormancy hydration on the fairways. Last September, after restrictions were lifted, the fairways looked good.

Cook asked if a way to have a graph/information for release daily showing water usage and flows? A regular media item with people always having on their conscious? May encourage conservation. Obrist stated we have daily Lincoln usage on the website. Christensen added also would recommend a brief chart to every media outlet. Possibly everyone doesn't check the City website.

II. BOARDS/COMMITTEES/COMMISSIONS/CONFERENCE REPORTS

1. Railroad Safety Transportation District (RTSD) - Christensen, Emery, Gaylor Baird

Christensen stated believe there is an agreement, in principle, from the County Board to put $1.3 million

back. We have to see how the County Board proceeds. The budget is funded to $1.3. There was an agreement, in principle, that the RTSD will fund $2 million over time to the South Beltway Project. Subject to each year's budget process. Cook said if the County Board were to put back the whole $2.6 million we would be able to fund more of the South Beltway. Christensen understands there are two overpasses on the South Beltway with a price tag for the two of $13 million. Think there's a consensus on the RTSD to fund. There may be significant disagreements if they try to take a lot more than this amount. Christensen added do have other RTSD projects. Gaylor Baird stated they moved along as if they were going to make a recommendation for $2.6 million and Emery pushed the County Board to be realistic about what they think is going to happen. So, the $1.3 number was sort of a toss. Didn't leave the meeting feeling they were especially committed. Christensen stated, that was at least their number.

2. <u>Parks and Recreation Advisory Board</u> - Cook
Cook stated this was the Parks Board tour and I couldn't attend. Council should have been invited.

3. <u>Joint Budget Committee (JBC)</u> - Emery, Gaylor Baird
Gaylor Baird stated she was not able to attend. Emery absent.

4. <u>West Haymarket Joint Public Agency</u> - Emery
Emery absent.

5. <u>Information Services Policy Committee (ISPC)</u> - Fellers
Fellers stated they were updated on two projects. Also looked at the inter-local agreement between the City and County. Trying to figure if it makes sense for both parties. One discussion was having the ISPC be the place where decisions are made. Typically do not bring any item in front of Council as far as policy, or decisions within the body. Discussed what this would look like, and could send the language on what the change would be. Basically, would strike the City Council from the inter-local agreement and have it consist of the County Board and the Mayor's Office. Council would approve the inter-local but policy decisions are made within ISPC. Hoppe doesn't think things would change a lot. For instance VoIP came to this board as it involved a fairly significant expenditure of funds. Most of that type of item would continue. The ISPC talks of solving tend to be employee access, etc. Not sure they rise to the level of Council policy decisions. A little different take on the County side as they have the duel role of having a legislative and executive branch containing 5 people. They want to be a little more involved in these types of decisions. Fellers stated Council would see large contracts, to vote on, but making management decisions on practices or purchases, not something which comes to Council level. We do have oversight. Someone is sitting there, watching, and will bring those things back to Council.

III. REQUESTS OF COUNCIL FROM MAYOR - None

IV. MISCELLANEOUS - None

V. CITY COUNCIL MEMBERS - No comments

VI. MEETINGS/INVITATIONS
See invitation list.

VII. ADJOURNMENT
Chair Eskridge adjourned the meeting at 2:48 p.m.

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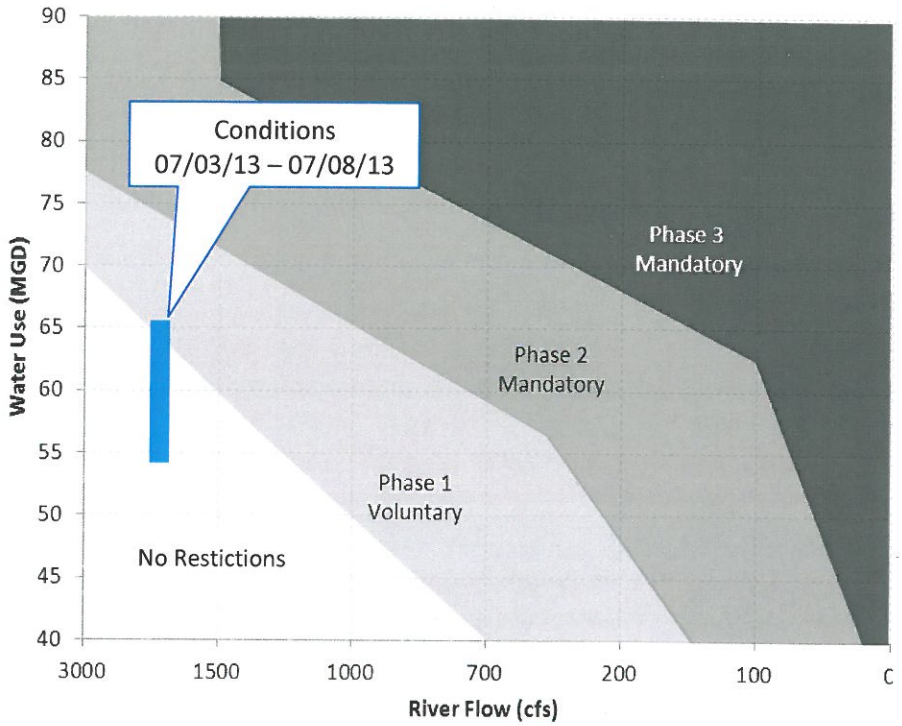
#1

6.2. During the spring, summer and early fall season (May – September) the following chart shall generally be used to determine possible actions based on current river flow and demand conditions. Other considerations are listed in the following table which shall also be used in making a final determination of action.



☐ Other considerations to be used in deciding whether a particular phase should be enacted include the following conditions.

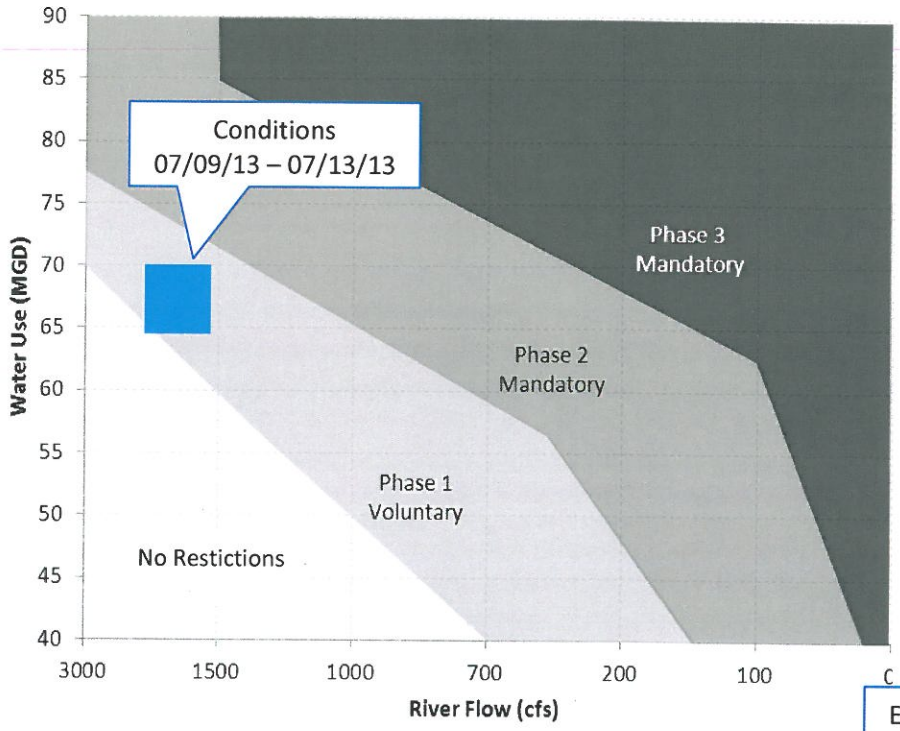
Condition	No Restrictions	Phase 1	Phase 2	Phase 3
Remaining Operational Volume	> 80%	60% - 80%	40%-60%	< 40%
30 day Precipitation Forecast [a] (% probability below normal)	Equal Chance (above, below, normal)	33% - 40% (below normal)	33% - 40% (below normal)	> 40% (below normal)
30 day Temperature Forecast [a] (% probability above normal)	Equal Chance (above, below, normal)	33% - 40% (above norm)	33% - 40% (above norm)	> 40% (above normal)
US Seasonal Drought Outlook [b]	None Predicted - Improvement	On-going	Intensify	Intensify
US Drought Monitor Rating [c]	No Rating - Moderate	Severe	Extreme	Exceptional
Previous 30 day precipitation [d] (% of normal approximated for Lower Platte River Basin)	> 90%	70% - 90%	50% - 70%	< 50%

a. NOAA precipitation and temperature probability forecast
b. NOAA US Drought Outlook
c. US Drought Monitor
d. High Plains Climate Data Center, Climate Summary Map

Report Date: 07/09/2013

#2

6.2. During the spring, summer and early fall season (May – September) the following chart shall generally be used to determine possible actions based on current river flow and demand conditions. Other considerations are listed in the following table which shall also be used in making a final determination of action.



Estimated
07/15/13

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a. NOAA precipitation and temperature probability forecast
b. NOAA US Drought Outlook
c. US Drought Monitor
d. High Plains Climate Data Center, Climate Summary Map

Report Date: 07/15/2013

#3

LINCOLN WATER SYSTEM

ASHLAND WELLFIELD, TRANSMISSION, AND DISTRIBUTION REPORT

MONTH July 2013

click for > USGS River flow Daily Weather Monthly Norms

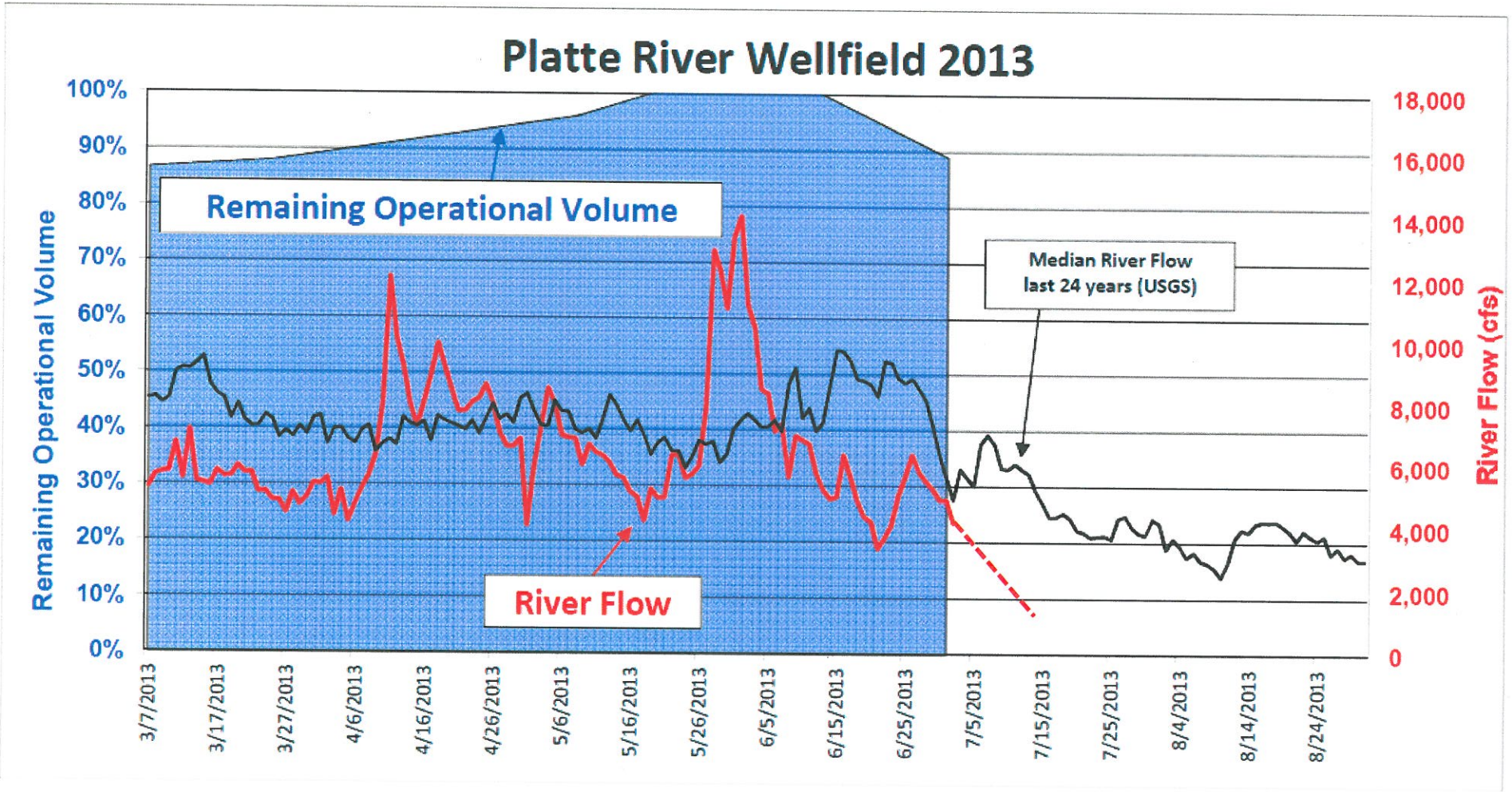
DATE		ASHLAND PUMPAGE MGD	ASHLAND TRANSMISSION MGD	FILTER BACKWASH MGD	VINE ST TRANSFER MGD	LINCOLN USAGE MGD	LINCOLN MAXIMUM HOUR	MAXIMUM TEMP.	MINIMUM TEMP.	AIRPORT RAINFALL	RIVER CFS
MON	1	46.187	43.129	0.680	11.532	45.723	80.248	82	50	0.00	4,090
TUE	2	50.187	45.724	0.994	10.322	52.800	105.710	83	55	T	3,480
WED	3	57.821	54.820	0.470	16.756	55.341	104.117	87	55	0.00	3,180
THU	4	62.062	57.876	1.054	13.966	54.231	93.708	87	56	0.00	3,070
FRI	5	63.770	60.546	0.476	6.590	56.056	107.030	89	63	T	2,950
SAT	6	58.514	54.060	1.238	11.256	57.074	91.131	88	69	0.00	2,790
SUN	7	63.427	58.646	0.860	13.242	65.333	98.026	94	72	0.00	2,660
MON	8	64.647	60.200	1.046	11.557	55.735	103.516	90	75	T	2,480
TUE	9	61.847	58.065	1.129	11.815	66.231	114.793	98	75	T	2,560
WED	10	75.332	70.471	0.582	12.134	66.206	127.804	87	66	T	2,460
THU	11	76.456	72.175	0.378	3.893	64.921	124.331	89	65	0.00	2,580
FRI	12	72.015	67.517	0.763	8.399	69.335	138.142	95	70	0.00	2,500
SAT	13	78.905	72.300	0.954	8.279	68.101	122.339	96	76	T	2,310
SUN	14	79.636	74.286	0.195	7.226	70.446	121.773	88	72	T	2,080
MON	15										1,560
TUE	16										
WED	17										
THU	18										
FRI	19										
SAT	20										
SUN	21										
MON	22										
TUE	23										
WED	24										
THU	25										
FRI	26										
SAT	27										
SUN	28										
MON	29										
TUE	30										
WED	31										
TOTAL		910.806	849.815	10.819	146.967	847.533	DAY AVG.	90	66	0.00	2717
Max High		79.636	74.286	1.238	16.756	70.446	138.142	98			4,090
Min Low		46.187	43.129		3.893	45.723	80.248		63		1,560
Average		65.058	60.701	0.773	10.498	60.538	109.476	Normal Monthly Average Rainfall			3.54
								Total Rainfall for the Month			0.00

MONTH June 2013

LINCOLN WATER SYSTEM
ASHLAND WELLFIELD, TRANSMISSION, AND DISTRIBUTION REPORT

click for > USGS River flow Daily Weather Monthly Norms

DATE		ASHLAND PUMPAGE MGD	ASHLAND TRANSMISSION MGD	FILTER BACKWASH MGD	VINE ST TRANSFER MGD	LINCOLN USAGE MGD	LINCOLN MAXIMUM HOUR	MAXIMUM TEMP.	MINIMUM TEMP.	AIRPORT RAINFALL	RIVER CFS
SAT	1	30.334	26.864	0.847	7.068	27.712	47.300	66	54	0.00	13,100
SUN	2	30.806	27.381	1.037	7.737	30.832	56.775	71	49	0.00	12,600
MON	3	31.068	29.672	0.572	6.819	31.189	52.085	76	48	0.00	11,200
TUE	4	36.799	32.077	0.372	10.760	32.885	53.123	77	61	T	9,910
WED	5	39.152	37.528	0.479	8.021	31.036	50.652	75	51	0.16	9,070
THU	6	37.816	36.266	0.195	7.122	32.311	54.746	76	49	0.00	8,630
FRI	7	35.603	34.067	0.659	8.623	33.589	58.854	76	47	0.00	8,110
SAT	8	32.987	30.023	0.380	6.686	29.318	44.801	75	58	0.84	6,130
SUN	9	28.348	26.947	0.375	4.517	29.325	48.693	76	54	0.00	7,220
MON	10	29.420	27.343	0.662	10.196	32.596	59.691	84	49	0.00	6,440
TUE	11	37.170	34.057	0.766	7.942	37.737	63.106	94	66	T	8,110
WED	12	43.413	40.324	0.760	14.117	37.117	60.673	90	62	0.09	6,090
THU	13	44.568	41.051	0.098	14.108	36.055	71.796	78	54	0.14	4,660
FRI	14	42.413	39.131	0.661	9.838	33.419	61.292	92	63	T	4,030
SAT	15	31.764	29.372	0.382	11.970	33.513	53.559	81	66	0.01	4,480
SUN	16	33.576	30.337	0.569	3.984	36.583	59.744	87	65	0.00	3,960
MON	17	40.190	38.261	0.188	9.363	40.358	65.002	88	63	0.00	5,790
TUE	18	52.595	49.144	0.384	13.214	45.294	82.113	83	61	0.00	4,090
WED	19	58.286	53.952	0.664	15.415	46.403	84.290	87	63	0.00	3,890
THU	20	53.610	50.203	0.761	5.468	50.108	92.170	91	69	0.00	3,450
FRI	21	54.463	51.628	0.097	10.145	51.482	95.013	97	76	0.00	3,300
SAT	22	56.658	52.664	0.700	11.567	53.227	96.879	91	67	0.04	3,330
SUN	23	51.907	47.561	1.194	6.158	42.067	71.794	80	65	0.73	3,300
MON	24	34.135	31.176	0.943	30.110	36.398	68.877	85	70	0.31	3,860
TUE	25	41.259	38.844	0.060	9.449	42.683	76.082	88	68	0.04	5,500
WED	26	48.177	45.445	0.660	9.320	47.461	84.196	94	71	0.00	5,150
THU	27	48.690	45.791	0.000	14.835	41.066	98.307	85	66	0.13	5,110
FRI	28	43.746	40.445	1.044	13.139	42.883	75.388	87	65	0.00	4,580
SAT	29	53.462	50.024	0.478	12.774	43.753	77.742	83	62	0.00	4,580
SUN	30	52.188	48.899	0.574	11.260	49.011	79.742	78	56	0.00	4,260
TOTAL		1254.603	1166.477	16.561	311.725	1157.410	DAY AVG.	83	61	0.09	6131
Max High		58.286	53.952	1.194	30.110	53.227	98.307	97			13,100
Min Low		28.348	26.864		3.984	27.712	44.801		47		3,300
Average		41.820	38.883	0.552	10.391	38.580	68.150	Normal Monthly Average Rainfall			3.51
								Total Rainfall for the Month			2.49


Platte River Wellfield 2013
Remaining Operational Volume
River Flow
Median River Flow
last 24 years (USGS)
Remaining Operational Volume
River Flow (cfs)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
3/7/2013
3/17/2013
3/27/2013
4/6/2013
4/16/2013
4/26/2013
5/6/2013
5/16/2013
5/26/2013
6/5/2013
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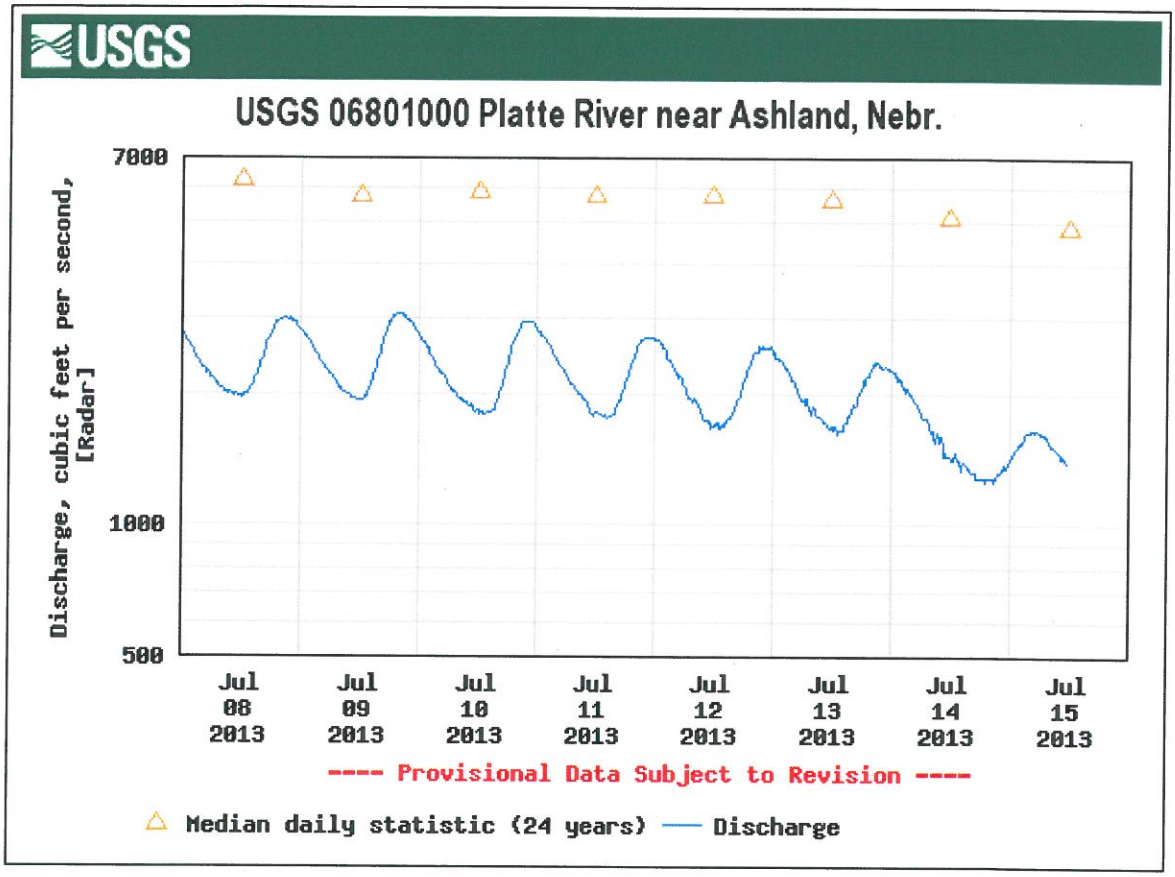
8/4/2013
8/14/2013
8/24/2013

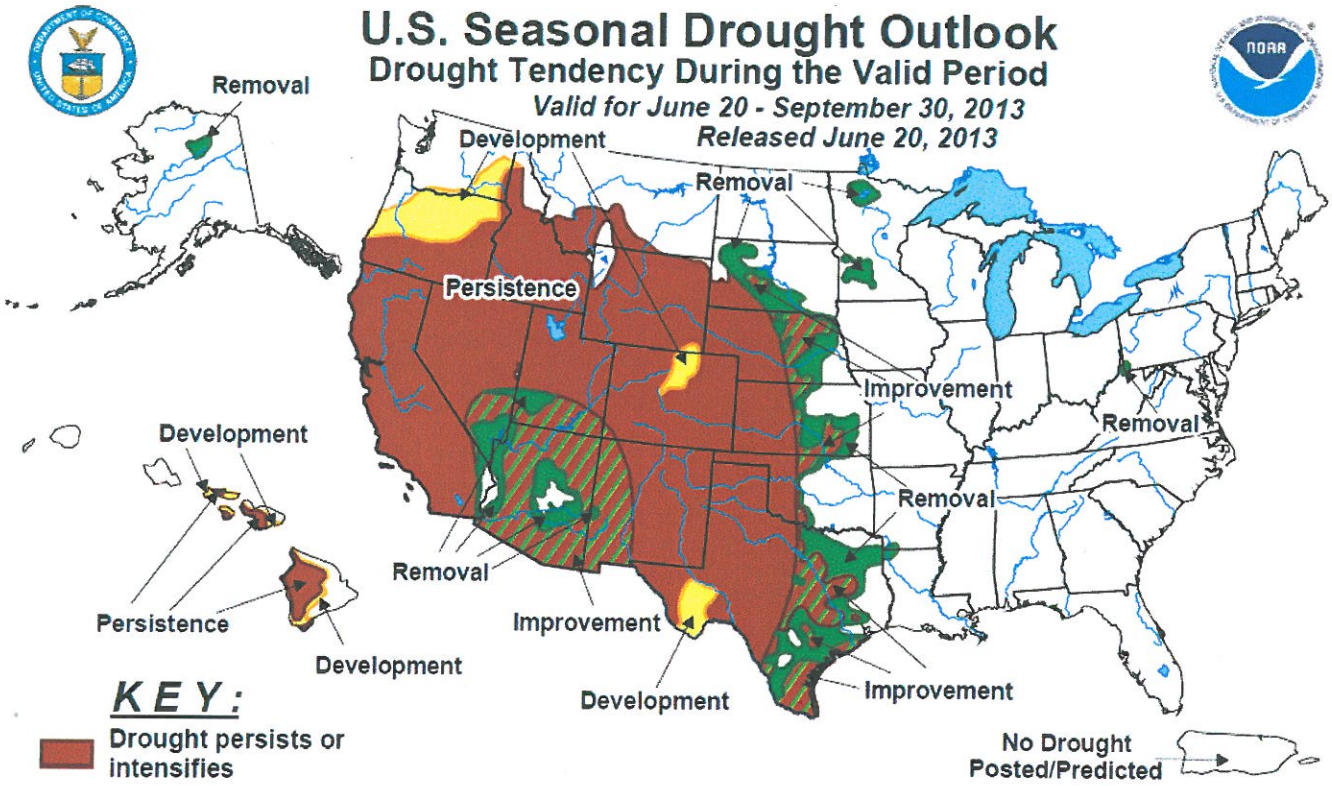

USGS
USGS 06801000 Platte River near Ashland, Nebr.
Discharge, cubic feet per second, [Radar]
7000
1000
500
Jul 08 2013
Jul 09 2013
Jul 10 2013
Jul 11 2013
Jul 12 2013
Jul 13 2013
Jul 14 2013
Jul 15 2013
---- Provisional Data Subject to Revision ----
Median daily statistic (24 years)
Discharge

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for June 20 - September 30, 2013

Released June 20, 2013



KEY:

- Drought persists or intensifies
- Drought remains but improves
- Drought removal likely
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor.

NOTE: The Green and Brown hatched areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain. The Green areas imply drought removal by the end of the period (D0 or none)