

Lester, Steve

From: Jay Edwards [jay.edwards@ameri-title.com]
Sent: Tuesday, January 13, 2015 9:48 AM
To: Luke, Tim; Lester, Steve; Dave Tuthill (dave@idahowaterengineering.com)
Subject: middle Valley flow information
Attachments: Middle Valley flow.pdf

The Middle Valley Ditch Co. delivers only their water through their canal. Brandi Horton provided me a copy of her 2014 measurements. Historically when the Weiser River drops below 300 cfs at USGS site 13266000, we turn on Crane Creek storage water to keep the flow above 200 cfs during the irrigation season. As you can see from the USGS historical data, around July 12th, the River dropped and we supplemented with Crane Creek water. The turn on date is moving earlier into June apparently from unmeasured upstream diversion as well as decreased natural flow. Attached is USGS, Brandi's data and s synopsis.

Jay Edwards
Sec. Weiser Irrigation District

1/12/15

Middle Valley Ditch Co. water rights

67-23	7/7/83	20cfs	1000 inches
67-24	11/1/87	14cfs	700 inches
67-25	5/1/89	10cfs	500 inches
67-4434	6/1/21	32cfs	1600 inches
Total		<u>76cfs</u>	<u>3800 inches</u>

Measured intake through 8 foot parshall flume by Brandi Horton for 2014

As of the 4th of July 2014 there was no Lost Valley Storage water flowing.(personal observation)

May 15	May 31	June 15	June 30
2469 inches	3037 inches	3613 inches	3789 inches

On June 24 the Weiser Irrigation District started on Crane Creek water storage and by July 9th, River flow according to the USGS Weiser Site, was down to our 1902 water rights from Muir vs Allison for 120 cfs (6000 inches).

Technically, the Middle Valley right 67-4434 (1600 inches) should have been shut off about June 24, leaving only 2200 inches of adjudicated water for the June 30th measurement at the Middle Valley headgate.

In layman terms, Middle Valley's storage water should have been turned on about June 24th or earlier and 10 day of natural flow passed to the Galloway Dam. The Weiser Irrigation District could then start drawing on Crane Creek storage shortly after the 4th of July adding 10 days of river flow for irrigation.

Watermaster Bosco Bosler

Weiser River
Water District 67
Month of May, June, July, August
~~2003~~ 2014

Reviewed by Bosco Bosler

CANAL	May 15	May 31	June 15	June 30	July 15	July 31	Aug 15	Aug 31
Middle Valley Ditch								
8' par	1.31'	1.49'	1.66'	1.71'	1.79'	1.67'	1.65'	1.69'
Allison-Jewel								
8' rec	0.30'	0.34'	0.41'	0.47'	0.50'	0.49'	0.33'	0.31'
Cambridge Ditch								
4' par	0.81'	1.00'	1.21'	1.25'	1.19'	1.21'	0.99'	1.10'
Bacon Valley								
18" par	0.11'	0.29'	0.38'	0.78'	0.82'	0.71'	0.58'	0.40'
Middle Fork								
4' cip	0.25'	0.51'	0.54'	0.65'	0.63'	0.59'	0.62'	0.69'
Haun Ditch								
18" par	0.00'	0.13'	0.49'	0.47'	0.39'	0.31'	0.39'	0.38'
T J Glenn								
18" par	0.00'	0.00'	0.54'	0.72'	0.59'	0.46'	0.47'	0.46'
Osborn-Groom								
3' cip	0.00'	0.00'	0.00'	0.34'	0.45'	0.39'	0.44'	0.50'
Farmers Canal								
6' rec	0.00'	0.00'	0.44'	0.41'	0.40'	0.35'	0.42'	0.47'
Robertson-Sevey								
2' par	0.00'	0.00'	0.77'	0.80'	0.79'	0.70'	0.73'	0.82'
East Fork Canal								
5' par	0.00'	0.00'	0.90'	0.87'	0.77'	0.44'	0.49'	0.52'

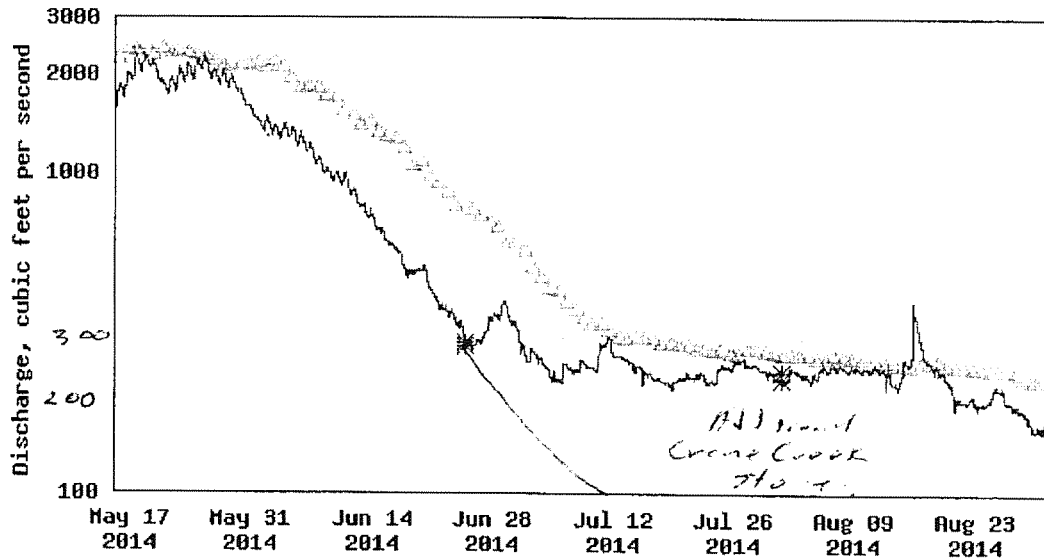
<i>Middle Valley (f)</i>	<i>49.98</i>	<i>60.14</i>	<i>72.24</i>	<i>75.77</i>	<i>81.56</i>	<i>72.96</i>	<i>71.56</i>	<i>74.37</i>
<i>Cambridge</i>	<i>11.48</i>	<i>16.00</i>	<i>21.61</i>	<i>22.75</i>	<i>21.05</i>	<i>21.61</i>	<i>15.75</i>	<i>18.60</i>

2014-05-15

End date Discharge, cubic feet per second

2014-08-31 Most recent instantaneous value: Ice 11-19-2014 16:00 MST

USGS 13266000 WEISER RIVER NR WEISER ID



Add up to 2 more sites and replot for "Discharge, cubic feet per second"

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Note

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