

Estimated 2009 Irrigation Water Supply Based on April 1 Indicators

Values are in acre-feet unless noted otherwise

	<u>Bessemer</u>	<u>Highline</u>	<u>Oxford</u>	<u>Otero</u>	<u>Catlin</u>	<u>Holbrook</u>	<u>Fort Lyon</u>	<u>Consolidated</u>	<u>Fort Bent</u>	<u>Amity</u>	<u>Lamar</u>	<u>Hyde</u>	<u>Buffalo</u>
Estimated 2009 Delivery to Headgate (Direct Flow plus Net Stored)	65,786	78,191	31,864	3,734	123,109	20,910	280,613	39,141	8,761	42,406	47,704	4,108	27,345
Range of Estimated Headgate Delivery													
lower	56,523	67,893	27,985	3,561	109,373	20,450	222,181	35,100	5,619	41,417	47,704	3,337	24,744
upper	75,049	88,490	35,743	3,908	136,846	21,371	339,046	43,182	11,903	43,395	47,704	4,878	29,945
Average Headgate Delivery	65,997	85,271	26,994	6,438	99,361	41,577	269,760	31,014	9,175	65,071	25,210	2,257	22,508
Total Ditch Company Shares	19,739	2,250	1,196	5,144	18,660	16,000	93,989	562	11,651	34,662	26,127	1,500	4,706
Ditch Loss Factor	14%	29%	7%	18%	10%	12%	37%	8%	12%	31%	10%	3%	9%
Yield per share using 2009 Estimate	2.86	24.55	24.69	0.59	5.91	1.15	1.89	63.99	0.66	0.85	1.65	2.65	5.29
Range for Yield per Share													
lower	2.46	21.32	21.68	0.56	5.25	1.13	1.50	57.38	0.42	0.83	1.65	2.15	4.79
upper	3.26	27.79	27.69	0.62	6.57	1.18	2.28	70.59	0.90	0.87	1.65	3.14	5.80
Average Yield per Share	2.87	26.78	20.91	1.02	4.77	2.29	1.82	50.70	0.69	1.30	0.87	1.45	4.36

Direct flow supplies for Amity, Fort Bent, Hyde, Lamar and Otero ditches were estimated using a combination of predictors including SWSI, Percent of Average Snowpack, and Average Snow Water Equivalent for the months of January through March.

Direct flow supplies for all other ditches were estimated using SWSI values for the preceeding 12 months (May - December 2008 and January - April 2009).

Average headgate delivery is calculated using 1950 - 2009 values for ditches above John Martin Reservoir and 1980-2009 values for ditches below.

Use of this information is strictly voluntary. Irrigation supply estimates are based on surface water supply indicators that include direct flow estimates, "historic" precipitation effects, and any applicable storage supplies by canal. The irrigation water supply diversion estimates were calculated using standard statistical methods in water resources studies.

They are developed by those in the business of regulating or monitoring water availability. Estimates are based on the best information available at the time the data are released.

Because these numbers are only estimates and are subject to individual interpretation, the state and division engineers cannot be held liable for any loss that might result from an individual relying solely on these diversion estimates for their management decisions. Actual irrigation supplies may differ. The USDA does not control or guarantee the accuracy, relevance, timeliness, or completeness of this information. Producers and/or approved insurance providers may provide information to be used in lieu of or in addition to these figures to support planting decisions.

If you have questions, please contact: USDA/Risk Management Agency/ Topeka Regional Office
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