

Estimated 2009 Irrigation Water Supply Based on May 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)	64,574	84,618	31,981	4,972	110,459	26,469	249,126	36,699	12,664	82,740	36,028	4,048	18,891
Range of Estimated Headgate Delivery													
lower	61,893	81,058	30,444	4,745	105,727	25,731	238,862	35,016	12,055	79,734	34,259	3,873	18,106
upper	67,255	88,179	33,421	5,207	115,191	27,208	259,390	38,382	13,274	85,746	37,796	4,222	19,677
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	2.81	26.57	24.78	0.79	5.30	1.46	1.68	60.00	0.96	1.66	1.65	2.61	3.66
Range for Yield per Share													
lower	2.69	25.45	23.60	0.75	5.07	1.42	1.61	57.24	0.91	1.60	1.18	2.50	3.50
upper	2.93	27.69	25.89	0.83	5.53	1.50	1.75	62.75	1.00	1.72	1.31	2.72	3.81
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 May.

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