

Estimated 2010 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 2010 Delivery to Headgate (Direct Flow plus Net Stored)	60,221	79,235	28,746	6,778	130,713	36,212	204,421	35,828	15,205	102,628	35,053	1,388	20,966
Range of Estimated Headgate Delivery													
lower	57,770	75,936	27,446	6,567	124,614	35,532	196,547	34,201	14,464	98,609	47,704	1,342	20,103
upper	63,153	83,155	30,378	7,230	136,721	38,299	212,294	37,401	15,946	106,647	47,704	1,435	21,829
Average Headgate Delivery	66,256	85,078	26,480	6,407	100,090	41,956	271,841	31,171	9,206	66,493	25,413	2,040	22,989
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 2010 Estimate	2.62	24.88	22.27	1.08	6.27	1.99	1.38	58.57	1.15	2.06	1.21	0.89	4.06
Range for Yield per Share													
lower	2.51	23.84	21.26	1.04	5.98	1.96	1.32	55.91	1.09	1.98	1.65	0.86	3.89
upper	2.75	26.11	23.53	1.15	6.56	2.11	1.43	61.14	1.21	2.14	1.65	0.92	4.23
Average Yield per Share	2.88	26.71	20.51	1.02	4.80	2.31	1.83	50.96	0.70	1.33	0.88	1.31	4.45

Direct flow supplies were estimated using a combination of predictors including SWSI and Percent of Average Snowpack.

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.

Estimated 2010 Irrigation Water Supply Based on April 1 Indicators

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	<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 2010 Delivery to Headgate (Direct Flow plus Net Stored)	46,922	78,448	23,137	4,545	111,471	32,446	153,647	30,159	9,206	66,493	25,413	2,040	22,989
Range of Estimated Headgate Delivery													
lower	45,136	75,188	22,118	4,445	106,334	31,954	148,313	28,815	8,765	64,281	47,704	1,961	22,025
upper	49,190	82,329	24,490	4,885	116,517	34,344	158,982	31,448	9,648	68,705	47,704	2,120	23,953
Average Headgate Delivery	66,256	85,078	26,480	6,407	100,090	41,956	271,841	31,171	9,206	66,493	25,413	2,040	22,989
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 2010 Estimate	2.04	24.63	17.93	0.72	5.35	1.79	1.03	49.30	0.70	1.33	0.88	1.31	4.45
Range for Yield per Share													
lower	1.96	23.61	17.14	0.71	5.10	1.76	1.00	47.11	0.66	1.29	1.65	1.26	4.26
upper	2.14	25.85	18.97	0.77	5.59	1.89	1.07	51.41	0.73	1.38	1.65	1.37	4.64
Average Yield per Share	2.88	26.71	20.51	1.02	4.80	2.31	1.83	50.96	0.70	1.33	0.88	1.31	4.45

Direct flow supplies for Amity, Buffalo, Fort Bent, Hyde, and Lamar ditches were estimated using the 1980-2009 average of diversions for irrigation.

Direct flow supplies for all other ditches were estimated using SWSI values (May - November 2009 and February - April 2010) and percent of average snow in March - June.

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

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