Estimated CY2008 Irrigation Water Supply Based on May 1 Indicators

Values are in acre-feet unless noted otherwise

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Bessemer	**Excelsior**	**Colorado**	**Highline**	**Oxford**	**Otero**	**Catlin**	**Holbrook**	**Rocky Ford**	**Fort Lyon**	**Consolidated**	**Fort Bent**	**Amity**	**Lamar**	**Hyde**	**Buffalo**
Delivery to Headgate ***(Direct Flow plus Net Stored)***																
2008 Estimate	96,262	2,714	129,338	133,314	40,082	12,858	143,032	79,307	42,084	354,899	41,583	24,483	150,751	47,704	2,308	22,816
Average	69,108	2,714	85,202	90,624	26,912	6,951	100,082	45,398	41,713	240,176	31,961	18,253	104,715	44,151	2,308	22,816
Average Direct Flow																
1950-2007 for ditches 1-11	59,812	2,573	69,489	78,543	23,858	6,951	85,610	32,051	41,713	192,274	27,479					
1977-2007 for ditches 12-16												15,480	80,304	37,975	1,992	20,594
Ditch Factors																
Total Ditch Company Shares	19,739	3,333	49,639	2,250	1,196	5,144	18,660	16,000	800	93,989	562	11,651	34,662	26,127	1,500	4,706
Ditch Loss Factor	14.15%	4.15%	19.09%	29.35%	7.34%	18.40%	10.43%	11.94%	6.55%	36.72%	8.12%	11.94%	30.54%	9.67%	3.33%	8.90%
Lateral Delivery ***(Apply Ditch Loss Factor)***																
2008 Estimate	82,644	2,602	104,646	94,187	37,139	10,492	128,112	69,841	39,326	224,584	38,204	21,561	104,716	43,092	2,231	20,786
Average	59,331	2,602	68,936	64,027	24,936	5,672	89,643	39,979	38,979	151,986	29,364	16,075	72,738	39,882	2,231	20,785
Estimated Yield per Share	4.19	0.78	2.11	41.86	31.05	2.04	6.87	4.37	49.16	2.39	67.98	1.85	3.02	1.65	1.49	4.42
Average Yield per Share	3.01	0.78	1.39	28.46	20.85	1.10	4.80	2.50	48.72	1.62	52.25	1.38	2.10	1.53	1.49	4.42

Direct flow supplies for Rocky Ford Ditch and Consolidated Ditch were estimated using the April SWSI value of 3.1.
Direct flow supplies for Excelsior Ditch were estimated using the long-term average and the 30-year average was used for Hyde and Buffalo ditches.
Direct flow supplies for all other ditches were estimated using the Arkansas River Basin May SWE value of 219 in.

Use of this information is strictly voluntary. Irrigation suply 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 contol 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.