

Table 1 AgYear of Data ***Surface Water Supply***

1998 Month	Federal Ag Water (acre-feet)	Federal Non- Ag Water (acre-feet)	State Water (acre-feet)	Local Water (acre-feet)	Other Water (define) (acre-feet)	Upslope Drainwtr (acre-feet)	Total (acre-feet)
METHOD							
January	0	0	0	0	0	0	0
February	0	0	0	5,203	0	0	5,203
March	0	0	0	1,071	0	0	1,071
April	0	0	0	475	0	0	475
May	0	0	0	2,687	0	0	2,687
June	0	0	0	6,364	0	0	6,364
July	1,451	0	0	3,400	0	0	4,851
August	3,488	0	0	800	0	0	4,288
September	474	0	0	200	0	0	674
October	221	0	0	0	0	0	221
November	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0
TOTAL	5,634	0	0	20,200	0	0	25,834

Table 2 Ag

Ground Water Supply

2003 Month	District Groundwtr (acre-feet)	Private Groundwtr *(acre-feet)
METHOD		
January	65	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	1,544	0
August	252	0
September	254	0
October	0	0
November	36	0
December	0	0
TOTAL	2,151	0

*normally an estimate

Table 3 Ag

Total Water Supply

2003 Month	Surface Water Total (acre-feet)	Groundwater Total (acre-feet)	Recycled Water (acre-feet)	Total Water Supply (acre-feet)
Method				
January	0	65	0	65
February	5,203	0	0	5,203
March	1,071	0	0	1,071
April	475	0	0	475
May	2,687	0	0	2,687
June	6,364	0	0	6,364
July	4,851	1,544	0	6,395
August	4,288	252	0	4,540
September	674	254	0	928
October	221	0	0	221
November	0	36	0	36
December	0	0	0	0
TOTAL	25,834	2,151	0	27,985

Table 5 Ag

2003 Crop Water Needs

Crop	Irrigation Method	Area (crop acres)	Crop ET (AF/Ac)	Leaching Requirement (AF/Ac)	Cultural Practices (AF/Ac)	Effective Precipitation (AF/Ac)	Shallow Groundwtr (AF/Ac)
Cotton	gravity	7,416	2.20	0.00	0.00	0.05	0.0
Alfalfa, seed	gravity	70	3.00	0.00	0.00	0.10	0.0
Alfalfa, hay	gravity	137	4.00	0.00	0.00	0.10	0.0
Almond	trickle	42	3.00	0.00	0.00	0.00	0.0
Sugar Beet	gravity	800	3.00	0.00	0.00	0.05	0.0
Wheat	gravity	196	1.50	0.00	0.00	0.20	0.0
Tomato	gravity	650	2.20	0.00	0.00	0.00	0.0
Vegetable, seed	gravity	24	2.00	0.00	0.00	0.00	0.0
Pasture	gravity	5	4.80	0.00	0.00	0.20	0.0
Corn	gravity	249	2.00	0.00	0.00	0.00	0.0
All other crops							
Crop Acres		9,589					

tal Irrig. Acres 9,589 (If this number is larger than your known total, it may be due to double cropping)

Table 6 Ag

Distribution System Water Budget

Water into Distribution System			27,985
Riparian ET	(Distribution and Drain)	minus	0
Groundwtr recharge	(intentional, ponds, injection)	minus	0
Seepage	Table 4	minus	3,000
Evaporation	Table 4	minus	84
Spillage	Table 4	minus	0
Non-Ag deliveries	Federal and Non-Federal	minus	0
Theoretical Water Available for Sale to Ag customers			24,901
Compare the above line with the next line to help find omissions			
<u>2003 Actual Agricultural Water Sales</u>	From District Sales Records		25,695
Private Groundwtr	Table 2	plus	0
Crop Water Needs	Table 5	minus	21,422
Drainwtr outflow	(tail and tile not recycled)	minus	0
Ag tail water pumped back into distribution system		minus	0
Percolation from Agricultural Land	(calculated)		4,274

Table 7 Ag

Influence on Ground water and Saline Sink

		Flows or Acres (AF or Ac)
Deep Percolation from fields+Seepage + Ground Recharge- Total Ground Water =Theoretical influence on ground water storage from district operations		5,123
Estimated actual change in ground water storage, accounting for subsurface conditions (estimated from water table and basin data)		2,792
Irrigated Acres (from Table 5)		9,589
Irrigated acres over a perched water table		0
Irrigated acres draining to a saline sink		0
Portion of percolation from ag flowing to a perched water table		0
Portion of percolation from ag flowing to a saline sink		0
Portion of On-Farm Drain water flowing to a perched water table/saline sink		0
Portion of Dist. Sys. seep/leaks/spills to perched water table/saline sink		0
Total (AF) flowing to a perched water table and saline sink		0

Table 8 Ag

Annual Water Quantities Delivered Under Each Right or Contract

Year	Federal Ag Water (acre-feet)	Federal Non-Ag (acre-feet)	State Water (acre-feet)	Local Water (riparian) (acre-feet)	Other (exchange) (acre-feet)	Other (groundwater) (acre-feet)	Total (acre-feet)
1994	4,131		1,540	15,700			21,371
1995	9,257			3,012	17,188	246	29,703
1996	12,684			20,200		1,981	34,865
1997	12,420			17,433	5,134	2,366	37,353
1998	4,595			1,048	13,839	2,832	22,314
1999	5,356			20,200		5,567	31,123
2000	408			19,995	5,717	889	27,009
2001	5,417			20,201	3,111	798	29,527
2002	6,500			20,200		2,167	28,867
2003	5,634			20,200		2,151	27,985
Total	66,402	0	1,540	158,189	44,989	18,997	290,117
Average	12,073	0	154	15,819	4,499	1,900	29,012