

Year of Data Enter data year here

Table 1

Surface Water Supply

2015 Month	Federal Ag Water (acre-feet)	Federal non- Ag Water. (acre-feet)	State Water (acre-feet)	Local Water (private groundwater r) (acre-feet)	Other Water (define) (acre-feet)	Transfers into District (acre-feet)	Upslope Drain Water (acre-feet)	Total (acre-feet)
January	213	0	0	0	0	0	0	213
February	108	0	0	0	0	0	0	108
March	138	0	0	10	0	0	0	148
April	260	0	0	66	0	0	0	326
May	0	0	0	69	0	513	0	582
June	0	0	0	157	0	991	0	1,148
July	1294	0	0	68	0	356	0	1,718
August	1139	0	0	36	0	713	0	1,888
September	0	0	0	35	0	1981	0	2,016
October	0	0	0	30	0	1080	0	1,110
November	0	0	0	33	0	0	0	33
December	0	0	0	2	0	171	0	173
TOTAL	3,152	0	0	506	0	5,805	0	9,463

Table 2

Ground Water Supply

2015 Month	District Groundwater (acre-feet)	Private Agric *(acre-feet)
January	0	100
February	0	309
March	0	2,000
April	0	5,000
May	0	5,700
June	0	8,200
July	0	10,000
August	0	10,000
September	0	7,500
October	0	1,500
November	0	200
December	0	140
TOTAL	0	50,649

*normally estimated

Table 3

Total Water Supply

2015 Month	Surface Water Total (acre-feet)	District Groundwater (acre-feet)	Recycled M&I (acre-feet)	Total District (acre-feet)
January	213	0	0	213
February	108	0	0	108
March	148	0	0	148
April	326	0	0	326
May	582	0	0	582
June	1,148	0	0	1,148

July	1,718	0	0	1,718
August	1,888	0	0	1,888
September	2,016	0	0	2,016
October	1,110	0	0	1,110
November	33	0	0	33
December	173	0	0	173
TOTAL	9,463	0	0	9,463

*Recycled M&I Wastewater is treated urban wastewater that is used for agriculture.

2015 Precipitation Worksheet				2015 Evaporation Worksheet			
	inches precip	ft precip	acres	AF/Year	inches evap	ft evap	acres
Jan	0.11	0.01			0.00	0.00	27,962
Feb	2.13	0.18			0.00	0.00	0
Mar	0.00	0.00			0.00	0.00	0
Apr	0.64	0.05			0.00	0.00	0
May	0.15	0.01			0.00	0.00	0
Jun	0.00	0.00			0.00	0.00	0
Jul	0.05	0.00	27,962		0.00	0.00	0
Aug	0.00	0.00			0.00	0.00	0
Sept	0.01	0.00			0.00	0.00	0
Oct	0.45	0.04			0.00	0.00	0
Nov	2.47	0.21			0.00	0.00	0
Dec	2.91	0.24			0.00	0.00	0
TOTAL	8.92	0.74		20,785	0	0.00	0

Table 4

Agricultural Distribution System

2015	Canal, Pipeline, Lateral, Reservoir	Length (feet)	Width (feet)	Surface Area (square feet)	Evaporation (acre-feet)	Spillage (acre-feet)	Seepage (acre-feet)	Total (acre-feet)
Pipe Lines	612,480	0	0	0.0	0.0	0	0	0
Reservoir 3A	315	295	92,925	1.6	9.0	0	0	(7)
Reservoir 8	475	265	125,875	2.1	13.0	0	0	(11)
Reservoir 11A	265	135	35,775	0.6	4.0	0	0	(3)
Reservoir 13	325	325	105,625	1.8	11.0	0	0	(9)
TOTAL			360,200	6.1	37.0	0	0	(31)

Table 5

Crop Water Needs

2015	Area (crop acres)	Crop ET (AF/Ac)	Leaching Requiremen (AF/Ac)	Cultural Practices (AF/Ac)	Effective Precipitatio (AF/Ac)	Appl. Crop Water Use (acre-feet)
Oranges / Tang.	20,074	2.80	0	0.0	0.56	44,966
Plums/Prunes	1,063	3.20	0	0.0	0.56	2,806
Grapes, table	909	3.20	0	0.0	0.56	2,400
Lemons / Limes	908	2.80	0	0.0	0.56	2,034
Olives	751	2.80	0	0.0	0.56	1,682
Irrigated pasture	401	4.10	0	0.0	0.56	1,420
Almonds	346	3.55	0	0.0	0.56	1,035
Pomegranates	259	3.50	0	0.0	0.56	761
Other hay	121	4.04	0	0.0	0.56	421
Pecans/Nectarines	116	3.55	0	0.0	0.56	347
Kiwis	91	4.50	0	0.0	0.56	359
Cherries	87	3.40	0	0.0	0.56	247
miscellaneous crops	670	3.00	0	0.0	0.56	1,635

Fallow	2,166				0.56	
	27,962				15,658.7	60,112

Total Irrig. Acres 25,796 (If this number is larger than your known total, it may be due to double cropping)

Table 6

2015 District Water Inventory

Water Supply	Table 3		9,463
Riparian ET	(Distribution and Drain)	minus	0
Groundwater recharge	intentional - ponds, injection	minus	0
Seepage	Table 4	minus	0
Evaporation - Precipitation	Table 4	minus	31
Spillage	Table 4	minus	0
Transfers out of District		minus	0
Water Available for sale to customers			9,432
Actual Agricultural Water Sales 2015	From District Sales Records		9,463
Private Groundwater	Table 2	plus	50,649
Crop Water Needs	Table 5	minus	60,112
Drainwater outflow	(tail and tile, not recycled)	minus	0
Percolation from Agricultural Land	(calculated)		0
Unaccounted for Water	(calculated)		(31)

Table 7

Influence on Groundwater and Saline Sink

2015

Agric Land Deep Perc + Seepage + Recharge - Groundwater Pumping = District Influence	0
Estimated actual change in ground water storage, including natural recharge)	50,649
Irrigated Acres (from Table 5)	25,796
Irrigated acres over a perched water table	0
Irrigated acres draining to a saline sink	0
Portion of percolation from agri seeping to a perched water table	0
Portion of percolation from agri seeping 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

Annual Water Quantities Delivered Under Each Right or Contract

Year	Federal Ag Water (acre-feet)	Federal non-Ag Water (acre-feet)	State Water (acre-feet)	Local Water (private) (acre-feet)	Other Water (acre-feet)	Transfers into District (acre-feet)	Upslope Drain (acre-feet)	Total (acre-feet)
2006	36,407	0	0	0	0	0	0	36,407
2007	26,672	0	0	0	0	0	0	26,672
2008	37,701	0	0	0	0	0	0	37,701
2009	42,236	34	0	0	0	1,500	0	43,770
2010	21,549	25	0	0	0	3,946	0	25,520
2011	30,018	23	0	0	0	0	0	30,041
2012	18,359	62	0	0	0	10,076	0	28,497
2013	21,419	78	0	0	0	3,100	0	24,597
2014	5,167	0	0	3,706	0	4,482	0	13,355
2015	3,152	0	0	506	0	5,805	0	9,463
Total	242,680	222	0	4,212	0	28,909	0	276,023
Average	24,268	22	0	421	0	2,891	0	27,602