

Year of Data **Enter data year here**

Table 1

Surface Water Supply

2020 Month	Federal Ag Water (acre-feet)	Federal non- Ag Water. (acre-feet)	State Water (acre-feet)	Local Water (Rescheduled (Define) (acre-feet)	Other Water (Rescheduled Water) (acre-feet)	Transfers into District (acre-feet)	Upslope Drain Water (acre-feet)	Total (acre-feet)
Method	M1				M1	M1		
March	0	0	0	0	2,704	0	0	2,704
April	0	0	0	0	4,123	0	0	4,123
May	0	0	0	0	7,010	563	0	7,573
June	6217	0	0	0	0	6,347	0	12,564
July	2551	0	0	0	0	2,713	0	5,264
August	1600	0	0	0	0	5,677	0	7,277
September	250	0	0	0	0	2,117	0	2,367
October	894	0	0	0	0	944	0	1,838
November	1424	0	0	0	0	126	0	1,550
December	597	0	0	0	0	84	0	681
January	170	0	0	0	0	64	0	234
February	318	0	0	0	0	25	0	343
TOTAL	14,021	0	0	0	13,837	18,660	0	46,518

Table 2

Ground Water Supply

2020 Month	District Groundwater **(acre-feet)	Private Agr Groundwater *(acre-feet)
Method		
March	0	2,000
April	0	2,000
May	43	5,600
June	52	7,700
July	23	10,200
August	0	12,600
September	1	12,800
October	1	8,200
November	1	6,500
December	0	200
January	0	400
February	606	2,000
TOTAL	727	70,200

*normally estimated

**Customer water pumped via Warren Act contract and stored in individual customer accounts

Table 3

Total Water Supply

2020 Month	Surface Water Total (acre-feet)	District Groundwater *(acre-feet)	Recycled M&I Wastewater (acre-feet)	Total District Water Supply (acre-feet)
Method				
January	2,704	0	0	2,704
February	4,123	0	0	4,123
March	7,573	43	1,161	8,777
April	12,564	52	2,532	15,148
May	5,264	23	6,707	11,994
June	7,277	0	1,290	8,567
July	2,367	1	2,427	4,795
August	1,838	1	2,634	4,473
September	1,550	1	768	2,319
October	681	0	0	681
November	234	0	0	234
December	343	606	239	1,188
TOTAL	46,518	727	17,758	65,003

*Customer water pumped via Warren Act contract and stored in individual customer accounts

2020 Precipitation Worksheet					2020 Evaporation Worksheet			
	inches precip	ft precip	acres	AF/Year		inches evap	ft evap	acres
Mar	1.87	0.16	0.00	0.00	Mar	0.00	0.00	0.00
Apr	0.85	0.07	0.00	0.00	Apr	0.00	0.00	0.00
May	0.36	0.03	0.00	0.00	May	0.00	0.00	0.00
Jun	0.00	0.00	0.00	0.00	Jun	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00	Jul	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	Aug	0.00	0.00	0.00
Sept	0.00	0.00	0.00	0.00	Sept	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00	Oct	0.00	0.00	0.00
Nov	0.09	0.01	0.00	0.00	Nov	0.00	0.00	0.00
Dec	1.84	0.15	0.00	0.00	Dec	0.00	0.00	0.00
Jan	3.97	0.33	0.00	0.00	Jan	0.00	0.00	0.00
Feb	0.96	0.08			Feb	0.00	0.00	
TOTAL	9.94	0.83			TOTAL	0	0.00	

Table 4

Agricultural Distribution System

2020 Canal, Pipeline, Lateral, Reservoir	Length (feet)	Width (feet)	Surface Area (square feet)	rrccipnauo _ (acre-feet)	Evaporation (acre-feet)	Spillage (acre-feet)	Seepage (acre-feet)	Total (acre-feet)
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
TOTAL				0.0	0.0	0	0	0

Table 5

Crop Water Needs

2020 Crop Name	Area (crop acres)	Crop ET (AF/Ac)	Leaching Requirement (AF/Ac)	Cultural Practices (AF/Ac)	Effective Precipitation (AF/Ac)	Appl. Crop Water Use (acre-feet)
Alfalfa Hay	16	4.21	0.0	0.0	0.26	63
Almonds	21,185	4.17	0.0	0.0	0.26	82,763
Apricots	1,790	3.83	0.0	0.0	0.26	6,381
Beans	678	1.77	0.0	0.0	0.26	1,024
Broccoli	223	1.77	0.0	0.0	0.26	337
Cabbage	2	1.77	0.0	0.0	0.26	3
Cantaloupe	151	1.88	0.0	0.0	0.26	245
Carrots	2	1.77	0.0	0.0	0.26	3
Cauliflower	2	2.44	0.0	0.0	0.26	4
Cherries	1,611	3.88	0.0	0.0	0.26	5,835
Compost	84	2.50	0.0	0.0	0.26	188
Corn, Sweet	414	2.73	0.0	0.0	0.26	1,022
Corn, Silage	25	2.73	0.0	0.0	0.26	62
Garlic	147	1.64	0.0	0.0	0.26	202
Grapes, Wine	637	2.76	0.0	0.0	0.26	1,594
Leeks	2	1.77	0.0	0.0	0.26	3
Lemons	88	3.65	0.0	0.0	0.26	298
Lettuce	2	1.77	0.0	0.0	0.26	3
Mandarins	288	3.65	0.0	0.0	0.26	976
Melons	47	1.88	0.0	0.0	0.26	76
Nursery	402	1.77	0.0	0.0	0.26	607
Onions	2	1.64	0.0	0.0	0.26	3
Oranges/Tang.	26	3.65	0.0	0.0	0.26	88
Oats	304	4.34	0.0	0.0	0.26	1,241
Olives	561	3.75	0.0	0.0	0.26	1,958
Peaches	106	3.83	0.0	0.0	0.26	378
Persimmons	29	3.65	0.0	0.0	0.26	98
Pistachios	233	3.47	0.0	0.0	0.26	747
Pluots	2	3.88	0.0	0.0	0.26	7
Pomelo	2	3.65	0.0	0.0	0.26	7
Potatoes	2	3.25	0.0	0.0	0.26	6
Rangeland	639	4.21	0.0	0.0	0.26	2,526
Squash	4	1.88	0.0	0.0	0.26	6
Sugar Beets	4	3.25	0.0	0.0	0.26	12
Tomatoes, Can	1,565	2.40	0.0	0.0	0.26	3,343
Tomatoes, Fresh	2	2.40	0.0	0.0	0.26	4
Walnuts	1,146	4.13	0.0	0.0	0.26	4,431
Watermelon	78	1.88	0.0	0.0	0.26	127
Wheat	1,153	4.21	0.0	0.0	0.26	4,557
Worms	30	2.50	0.0	0.0	0.26	67
Crop Acres	33,684					121,296

Total Irrig. Acres 33,684 (If this number is larger than your known total, it may be due to double cropping)

Table 6

2020 District Water Inventory

Water Supply	Table 3		65,003
Riparian ET	(Distribution and Drain)	minus	0
Groundwater recharge	(intentional - ponds, injection)	minus	0
Seepage	Table 4	minus	0
Evaporation - Precipitation	Table 4	minus	0
Spillage	Table 4	minus	0
Transfers out of District		minus	13,075
Water Available for sale to customers			51,928
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Actual Agricultural Water Sales 2020	From District Sales Records		51,928
Private Groundwater	Table 2	plus	70,200
Crop Water Needs	Table 5	minus	121,296
Drainwater outflow	(tail and tile, not recycled)	minus	0
Percolation from Agricultural Land	(calculated)		832
Unaccounted for Water	(calculated)		0

Table 7

Influence on Groundwater and Saline Sink

2020

Agric Land Deep Perc + Seepage + Recharge - Groundwater Pumping = District Influence	(727)
Estimated actual change in ground water storage, including natural recharge)	0
Irrigated Acres (from Table 5)	33,684
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 (Dist. Pump- (acre-feet)	Other Water (acre-feet)	Net Transfers (acre-feet)	Recycled M&I (acre-feet)	Total (acre-feet)
2011	72,941	23	0	0	9,425	1	0	82,390
2012	41,677	13	0	3,203	10,889	11,285	0	67,067
2013	16,486	6	0	2,993	14,410	24,172	0	58,067
2014	0	0	0	4,024	14,826	7,124	0	25,974
2015	0	0	0	0	25,907	1,796	0	27,703
2016	0	0	0	0	15,194	12,134	0	27,328
2017	67,443	8	0	2	28,185	(34,882)	1,851	62,607
2018	49,892	12	0	0	11,850	(17,818)	8,287	52,223
2019	62,262	1	0	0	1,755	(9,268)	7,091	61,841
2020	14,021	0	0	727	13,837	5,585	17,758	51,928
Total	324,722	63	0	10,949	146,278	129	34,987	517,128
Average	32,472	6	0	1,095	14,628	13	3,499	51,713