

ETc Table for Irrigation District Water Balances

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Mar-Oct	Mar-Oct
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	AF/AC
Precipitation	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	2.5	
Grass Reference ETo	3.4	5.3	7.7	8.1	8.5	7.3	5.8	4.1	50.3	
Apple, Pear, Cherry, Plum and Prune	2.0	3.3	6.4	6.8	7.2	6.3	4.7	2.1	38.8	3.2
Apples, Plums, Cherries etc. w/covercrop	3.7	4.9	7.7	8.3	8.7	7.7	5.7	2.9	49.5	4.1
Peach, Nectarines and Apricots	1.9	2.5	5.9	6.8	7.3	6.4	4.8	2.0	37.5	3.1
Immature Peaches, Nectarines, etc.	1.7	1.6	3.9	4.5	4.8	4.0	3.0	1.3	24.7	2.1
Almonds	2.3	3.7	6.1	6.0	6.4	6.1	4.1	2.1	36.7	3.1
Almonds w/covercrop	3.1	4.8	6.9	7.2	7.7	6.6	4.5	2.7	43.5	3.6
Immature Almonds	2.0	3.1	5.1	5.1	5.5	4.8	3.3	1.5	30.5	2.5
Walnuts	2.1	2.6	6.7	8.3	8.8	7.6	5.3	2.5	43.9	3.7
Pistachio	1.6	1.6	2.5	5.9	8.2	7.1	5.5	2.6	34.9	2.9
Pistachio w/ covercrop	3.1	3.9	5.2	7.4	9.0	7.8	6.1	3.6	46.1	3.8
Immature Pistachio	1.6	1.0	1.5	3.9	5.8	5.1	3.7	1.6	24.0	2.0
Grain and Grain Hay	3.6	5.3	3.7	0.0	0.0	0.0	0.0	0.0	12.6	1.0
Rice	1.6	1.3	7.1	9.1	9.7	8.3	2.4	0.0	39.4	3.3
Cotton	1.5	1.3	1.5	4.6	8.3	7.4	5.4	1.2	31.2	2.6
Safflower and Sunflower	2.3	5.0	8.3	7.2	0.7	0.0	0.0	0.0	23.6	2.0
Corn and Grain Sorghum	2.5	1.5	2.5	6.9	8.3	5.0	0.3	0.0	27.1	2.3
Beans	2.5	1.5	2.5	7.2	7.7	2.5	0.0	0.0	24.0	2.0
Misc. field crops	2.5	1.5	2.5	7.2	7.7	2.5	0.0	0.0	24.0	2.0
Alfalfa Hay and Clover	3.6	5.2	6.5	6.9	7.0	6.2	4.8	1.7	41.9	3.5
Pasture and Misc. Grasses	2.9	4.4	7.1	7.5	7.8	6.9	5.3	3.0	44.8	3.7
Small Vegetables	3.1	5.2	1.7	0.0	0.0	1.0	1.2	0.9	13.1	1.1
Tomatoes and Peppers	2.0	1.2	4.0	8.0	6.9	0.4	0.0	0.0	22.6	1.9
Potatoes, Sugar beets, Turnip etc.	2.6	5.3	8.0	8.3	7.4	0.1	0.0	0.0	31.8	2.6
Melons, Squash, and Cucumbers	1.5	0.6	0.8	1.2	5.0	5.6	1.7	0.0	16.3	1.4
Onions and Garlic	3.2	4.4	4.7	0.7	0.0	0.0	0.0	0.0	13.1	1.1
Strawberries	2.5	1.5	2.5	7.2	7.7	2.5	0.0	0.0	24.0	2.0
Citrus (no ground cover)	3.4	4.3	5.2	5.5	5.7	4.9	3.9	2.8	35.6	3.0
Immature Citrus	2.5	2.8	3.2	3.4	3.6	3.0	2.5	1.6	22.6	1.9
Grape Vines with 80% canopy	1.9	1.7	3.9	5.7	6.1	4.5	2.9	0.0	26.6	2.2
Grape Vines with cover crop (80% canopy)	2.9	3.3	5.2	6.4	6.9	5.5	3.3	1.4	34.8	2.9
Immature Grapes Vines (50% canopy)	1.7	1.3	3.0	4.2	4.8	3.4	2.1	0.0	20.4	1.7

Note: These values are for reference only. MID nor ITRC assumes any liability for the accuracy of these values. Further information regarding ETc values can be found on the ITRC website, <http://www.itrc.org/etdata/waterbal.htm>. The values shown above do not include adjustments for irrigation efficiencies. Values shown are the net ETc for the crop. Grape Vine ETc varies widely by pruning technique, irrigation practices and size of the vine.

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