

ETc Table for Irrigation District Water Balances

Zone 13 Monthly Evapotranspiration

Surface Irrigation Dry Year

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Table includes adjustments for bare spots and reduced vigor

	1999 (Dry Year)						
	January	February	March	April	May	June	July
	inches	inches	inches	inches	inches	inches	inches
Precipitation	4.67	7.74	1.95	1.59	0.75	0.35	0
Grass Reference ETo	1.21	1.46	3.09	4.7	6.81	7.64	9
Apple, Pear, Cherry, Plum and Prune	0.63	1.58	1.96	2.19	3.59	6.09	7.95
Apples, Plums, Cherries etc w/covercrop	1.26	1.61	3.29	4.39	6.35	8.13	9.74
Almonds	0.63	1.58	1.96	2.14	3.21	5.51	7.43
Almonds w/covercrop	1.15	1.61	3.03	3.77	5.45	6.92	8.87
Immature Almonds	0.63	1.58	1.88	1.9	2.31	4.2	5.22
Walnuts	0.63	1.58	1.87	2.25	3.23	5.52	8.87
Pistachio	0.63	1.58	1.72	2.18	2.61	5.07	8.5
Pistachio w/ covercrop	1.15	1.61	3.03	3.82	5.09	6.86	9.46
Immature Pistachio	0.63	1.58	1.72	1.83	1.66	3.62	5.65
Misc. Deciduous	0.63	1.58	1.72	2	2.4	4.89	7.7
Grain and Grain Hay	0.78	1.61	3.32	4.86	3.31	0.34	0
Corn and Grain Sorghum	0.63	1.58	1.76	1.9	3.09	7.07	8.94
Misc. field crops	0.63	1.58	1.76	1.9	2.97	6.79	8.08
Alfalfa Hay and Clover	1.23	1.61	3.23	4.95	6.13	6.74	7.43
Pasture and Misc. Grasses	0.63	1.59	2.7	4.16	6.43	7.11	8.29
Small Vegetables	1.01	1.6	3	1.65	0.64	0.33	0
Tomatoes and Peppers	0.63	1.58	1.97	2	4.16	7.53	7.55
Strawberries	0.63	1.58	1.76	1.9	2.97	6.79	8.08
Flowers, Nursery and Christmas Tree	0.63	1.58	1.72	2	2.4	4.89	7.7
Misc Subtropical	0.63	1.58	1.72	2	2.4	4.89	7.7
Grape Vines with 80% canopy	0.63	1.58	1.96	2.36	4.16	5.51	6.05
Grape Vines with cover crop (80% canopy)	1.05	1.61	2.82	3.57	5	6.3	7.08
Immature Grapes Vines with 50% canopy	0.63	1.58	1.88	2.02	2.96	4.36	4.56
Idle	0.63	1.59	1.71	1.47	0.64	0.33	0

	August inches	September inches	October inches	November inches	December inches	Annual inches
Precipitation	0.19	0	1.64	2.86	0.45	22.19
Grass Reference ETo	7.17	5.97	4.1	1.8	1.28	54.24
Apple, Pear, Cherry, Plum and Prune	6.24	5	3.46	1.64	0.88	41.21
Apples, Plums, Cherries etc w/covercrop	7.71	6.38	3.89	2.02	1.4	56.17
Almonds	6.03	4.98	3.39	1.88	0.88	39.62
Almonds w/covercrop	7.11	5.84	3.75	1.96	1.34	50.82
Immature Almonds	4.32	3.69	2.47	1.75	0.88	30.82
Walnuts	7.19	5.7	3.54	1.89	0.88	43.16
Pistachio	7.19	5.81	3.63	1.9	0.88	41.69
Pistachio w/ covercrop	7.78	6.5	4.25	2.03	1.36	52.94
Immature Pistachio	4.85	3.89	2.64	1.73	0.88	30.68
Misc. Deciduous	6.26	5.15	3.45	1.68	0.88	38.34
Grain and Grain Hay	0.17	0	0.63	1.48	0.97	17.47
Corn and Grain Sorghum	6.33	0.84	0.62	1.48	0.88	35.12
Misc. field crops	2.62	0	0.63	1.48	0.88	29.32
Alfalfa Hay and Clover	6.39	4.95	2.11	1.87	1.35	47.99
Pasture and Misc. Grasses	6.67	5.41	3.35	1.81	0.88	49.03
Small Vegetables	1.06	1.34	1.55	1.82	1.29	15.28
Tomatoes and Peppers	0.67	0	0.63	1.48	0.88	29.07
Strawberries	2.62	0	0.63	1.48	0.88	29.32
Flowers, Nursery and Christmas Tree	6.26	5.15	3.45	1.68	0.88	38.34
Misc Subtropical	6.26	5.15	3.45	1.68	0.88	38.34
Grape Vines with 80% canopy	4.69	2.74	0.62	1.49	0.88	32.67
Grape Vines with cover crop (80% canopy)	5.59	3.34	1.85	1.75	1.24	41.19
Immature Grapes Vines with 50% canopy	3.52	1.9	0.67	1.49	0.88	26.44
Idle	0.17	0	0.62	1.48	0.88	9.51