

ETc Table for Irrigation District Water Balances

Zone 13 Monthly Evapotranspiration

Sprinkler Irrigation Wet Year

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Table includes adjustments for bare spots and reduced vigor

	1998 (Wet Year)						
	January inches	February inches	March inches	April inches	May inches	June inches	July inches
Precipitation	8.8	9.21	3.72	2.76	3.33	1.22	0.08
Grass Reference ETo	1.01	0.99	2.74	3.84	3.92	5.85	8.24
Apple, Pear, Cherry, Plum and Prune	0.98	1.05	1.88	2.53	3.6	5.37	7.23
Apples, Plums, Cherries etc w/covercrop	1.14	1.06	2.97	3.98	4.17	6.15	8.89
Peach, Nectarine and Apricots	0.98	1.05	1.92	2.65	3.63	5.35	7.1
Immature Peaches, Nectarines, etc	0.98	1.05	1.84	2.32	3.14	3.79	4.32
Almonds	0.98	1.05	1.88	2.47	3.49	5.02	6.95
Almonds w/covercrop	1.13	1.06	2.82	3.61	4.06	5.69	8.13
Immature Almonds	0.98	1.05	1.84	2.29	3.1	3.83	4.96
Walnuts	0.98	1.04	1.77	2.53	3.49	5.36	7.78
Pistachio	0.98	1.05	1.77	2.53	3.3	4.95	7.78
Pistachio w/ covercrop	1.13	1.06	2.82	3.57	3.96	5.9	8.67
Immature Pistachio	0.98	1.05	1.77	2.25	2.96	3.42	5.36
Misc. Deciduous	0.98	1.05	1.77	2.39	3.23	4.69	7.08
Grain and Grain Hay	1.04	1.08	2.94	4.09	3.45	1.33	0.08
Safflower and Sunflower	0.98	1.08	2.23	4.07	4.25	5.5	1.34
Corn and Grain Sorghum	0.98	1.07	1.98	2.42	3.27	5.65	8.19
Misc. field crops	0.98	1.07	1.98	2.42	3.28	5.45	7.44
Alfalfa Hay and Clover	1.11	1.08	2.76	4.25	4.33	6.2	6.9
Pasture and Misc. Grasses	0.98	1.08	2.56	3.68	4.07	5.71	7.57
Small Vegetables	1.03	1.08	2.65	2.02	2.55	1.26	0.08
Tomatoes and Peppers	0.98	1.07	2.29	2.39	3.52	5.91	7.14
Strawberries	0.98	1.07	1.98	2.42	3.28	5.45	7.44
Flowers, Nursery and Christmas Tree	0.98	1.05	1.77	2.39	3.23	4.69	7.08
Misc Subtropical	0.98	1.05	1.77	2.39	3.23	4.69	7.08
Grape Vines with 80% canopy	0.98	1.05	1.88	2.69	3.71	4.91	5.74
Grape Vines with cover crop (80% canopy)	1.11	1.06	2.7	3.49	4.03	5.2	6.79
Immature Grapes Vines with 50% canopy	0.98	1.06	1.84	2.41	3.25	3.95	4.33

	August	September	October	November	December	Annual
	inches	inches	inches	inches	inches	inches
Precipitation	0	0.77	0.63	3.94	1.2	35.65
Grass Reference ETo	8.25	4.86	3.41	1.21	1.01	45.33
Apple, Pear, Cherry, Plum and Prune	7.14	4.48	2.89	1.25	0.92	39.33
Apples, Plums, Cherries etc w/covercrop	8.95	5.16	3.38	1.3	1.1	48.24
Peach, Nectarine and Apricots	7.22	4.32	2.87	1.25	0.92	39.25
Immature Peaches, Nectarines, etc	4.3	2.84	1.91	1.19	0.92	28.6
Almonds	6.84	4.09	2.91	1.31	0.92	37.91
Almonds w/covercrop	8.1	4.86	3.34	1.33	1.08	45.22
Immature Almonds	4.83	3.22	2.08	1.26	0.92	30.37
Walnuts	8.1	4.86	3.06	1.3	0.92	41.19
Pistachio	8.01	4.93	3.04	1.31	0.92	40.58
Pistachio w/ covercrop	8.91	5.31	3.61	1.32	1.08	47.34
Immature Pistachio	5.58	3.47	2.25	1.25	0.92	31.26
Misc. Deciduous	6.96	4.52	2.89	1.26	0.92	37.73
Grain and Grain Hay	0	0.56	0.5	1.17	0.98	17.23
Safflower and Sunflower	0	0.56	0.5	1.16	0.93	22.61
Corn and Grain Sorghum	7.18	1.24	0.5	1.16	0.93	34.58
Misc. field crops	3.18	0.57	0.5	1.16	0.93	28.95
Alfalfa Hay and Clover	6.76	4.17	1.77	1.28	1.09	41.72
Pasture and Misc. Grasses	7.59	4.56	2.82	1.3	0.93	42.84
Small Vegetables	1.04	1.23	1.25	1.26	1.06	16.5
Tomatoes and Peppers	0.84	0.57	0.5	1.16	0.93	27.29
Strawberries	3.18	0.57	0.5	1.16	0.93	28.95
Flowers, Nursery and Christmas Tree	6.96	4.52	2.89	1.26	0.92	37.73
Misc Subtropical	6.96	4.52	2.89	1.26	0.92	37.73
Grape Vines with 80% canopy	5.02	2.94	0.57	1.16	0.92	31.57
Grape Vines with cover crop (80% canopy)	6.08	3.11	1.93	1.23	1.07	37.82
Immature Grapes Vines with 50% canopy	3.67	2.32	0.55	1.16	0.93	26.43