

ETc Table for Irrigation District Water Balances

Zone 8 Monthly Evapotranspiration

Drip/Micro Irrigation Dry Year

IRRIGATION TRAINING AND RESEARCH CENTER, California Polytechnic State University, San Luis Obispo

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	3.5	7.21	2.22	1.67	0.2	0.08	0
Grass Reference ETo	0.88	1.16	2.6	4.91	6.12	6.58	6.97
Apple, Pear, Cherry, Plum and Prune	0.67	1.22	2.3	2.07	2.76	5.11	6.05
Apples, Plums, Cherries etc w/covercrop	0.91	1.24	2.77	4.51	4.91	5.59	6.17
Peach, Nectarine and Apricots	0.67	1.22	2.34	2.27	2.81	4.91	5.7
Immature Peaches, Nectarines, etc	0.67	1.23	2.26	1.77	1.59	2.81	3.32
Almonds	0.67	1.22	2.34	2.75	4.3	5.67	5.9
Almonds w/covercrop	0.88	1.24	2.74	4.25	5.54	6.5	6.87
Immature Almonds	0.67	1.23	2.26	2.02	2.54	3.26	3.45
Walnuts	0.67	1.22	2.27	2.14	2.4	4.55	6.63
Pistachio	0.67	1.22	2.17	1.98	1.84	4.32	6.6
Pistachio w/ covercrop	0.88	1.24	2.74	3.85	3.93	5.41	6.78
Immature Pistachio	0.67	1.23	2.17	1.62	1.05	2.6	3.93
Misc. Deciduous	0.67	1.22	2.17	1.8	1.67	4.04	5.82
Cotton	0.68	1.26	2.34	1.48	1.34	5.18	7.08
Misc. field crops	0.68	1.26	2.3	1.7	2.11	6.01	6.44
Small Vegetables	0.73	1.27	2.79	2.89	3.19	5.79	1.06
Tomatoes and Peppers	0.68	1.26	2.39	1.78	3.09	6.75	6.41
Potatoes, Sugar beets, Turnip etc..	0.89	1.26	2.62	5.08	6.37	6.9	6.4
Melons, Squash, and Cucumbers	0.68	1.26	2.18	1.26	0.89	0.92	3.75
Onions and Garlic	0.75	1.27	2.75	4.42	3.97	0.92	0
Strawberries	0.68	1.26	2.3	1.7	2.11	6.01	6.44
Flowers, Nursery and Christmas Tree	0.67	1.22	2.17	1.8	1.67	4.04	5.82
Grape Vines with 40% canopy	0.9	1.24	2.75	4.16	4.1	4.32	4.52
Grape Vines with cover crop (60% canopy)	0.79	1.24	2.6	2.69	2.4	2.46	2.53
Grape Vines with 60% canopy	0.67	1.22	2.17	1.8	1.67	4.04	5.82
Misc Subtropical	0.67	1.22	2.17	1.8	1.67	4.04	5.82
Grape Vines with 40% canopy	0.67	1.23	2.35	2.52	2.37	2.48	2.39
Grape Vines with cover crop (60% canopy)	0.81	1.24	2.63	3.15	3.15	3.21	3.34
Grape Vines with 60% canopy	0.67	1.23	2.35	3	3.48	3.65	3.62

	August	September	October	November	December	Annual
	inches	inches	inches	inches	inches	inches
Precipitation	0.01	0.03	0.53	3.46	0.56	19.47
Grass Reference ETo	5.73	4.39	3.35	1.14	1.5	45.34
Apple, Pear, Cherry, Plum and Prune	5.04	3.77	2.6	0.94	1.07	33.6
Apples, Plums, Cherries etc w/covercrop	5	3.77	2.74	1.1	1.61	40.31
Peach, Nectarine and Apricots	4.78	3.58	2.43	0.95	1.07	32.74
Immature Peaches, Nectarines, etc	2.7	2.01	1.51	0.9	1.07	21.86
Almonds	4.85	3.73	2.67	1.11	1.07	36.29
Almonds w/covercrop	5.62	4.31	3.04	1.14	1.55	43.69
Immature Almonds	2.85	2.12	1.74	1.01	1.07	24.22
Walnuts	5.6	4.18	2.64	1.06	1.07	34.42
Pistachio	5.75	4.4	2.8	1.08	1.07	33.9
Pistachio w/ covercrop	5.83	4.42	3.08	1.15	1.55	40.85
Immature Pistachio	3.45	2.65	1.8	1.01	1.07	23.26
Misc. Deciduous	4.89	3.69	2.65	0.99	1.07	30.69
Cotton	5.63	1.61	0.33	0.9	1.07	28.91
Misc. field crops	2.23	0.02	0.31	0.9	1.07	25.04
Small Vegetables	0.01	0.02	0.31	0.9	1.34	20.31
Tomatoes and Peppers	0.62	0.02	0.31	0.9	1.07	25.28
Potatoes, Sugar beets, Turnip etc..	0.1	0.02	0.31	0.9	1.07	31.93
Melons, Squash, and Cucumbers	4.31	1.3	0.31	0.9	1.07	18.83
Onions and Garlic	0.01	0.02	0.31	1.16	1.21	16.78
Strawberries	2.23	0.02	0.31	0.9	1.07	25.04
Flowers, Nursery and Christmas Tree	4.89	3.69	2.65	0.99	1.07	30.69
Grape Vines with 40% canopy	3.65	2.81	2.37	1.12	1.6	33.54
Grape Vines with cover crop (60% canopy)	2.08	1.63	1.43	1.02	1.35	22.21
Grape Vines with 60% canopy	4.89	3.69	2.65	0.99	1.07	30.69
Misc Subtropical	4.89	3.69	2.65	0.99	1.07	30.69
Grape Vines with 40% canopy	1.53	0.82	0.33	0.87	1.07	18.64
Grape Vines with cover crop (60% canopy)	2.37	1.67	1.29	1	1.38	25.23
Grape Vines with 60% canopy	2.21	1.13	0.34	0.87	1.07	23.62