

ETc Table for Irrigation Scheduling and Design

Zone 13 Monthly Evapotranspiration

Sprinkler Irrigation Typical Year

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Table does not include adjustments for bare spots and reduced vigor

	1997 (Typical Year)						
	January	February	March	April	May	June	July
	inches	inches	inches	inches	inches	inches	inches
Precipitation	11.46	0.79	0.37	1.1	0.33	0.43	0.12
Grass Reference ETo	0.89	1.95	4.01	4.8	6.98	6.74	8.27
Apple, Pear, Cherry, Plum and Prune	1.02	1.33	0.76	1.9	3.51	5.91	7.9
Apples, Plums, Cherries etc w/covercrop	1.05	2.36	3.65	4.24	6.93	7.66	9.64
Almonds	1.02	1.33	0.76	1.85	3.16	5.32	7.33
Almonds w/covercrop	1.05	2.24	2.88	3.73	5.78	6.87	8.67
Immature Almonds	1.02	1.33	0.64	1.58	2.49	3.89	5.35
Walnuts	1.01	1.33	0.62	2.01	3.08	5.49	8.84
Pistachio	1.02	1.33	0.4	1.86	2.43	4.93	8.46
Pistachio w/ covercrop	1.05	2.24	2.86	3.86	5.4	6.76	9.35
Immature Pistachio	1.02	1.33	0.4	1.47	1.44	3.6	5.6
Misc. Deciduous	1.02	1.33	0.4	1.66	2.2	4.74	7.64
Grain and Grain Hay	1.05	2.22	4.43	5.33	3.98	0.45	0.11
Corn and Grain Sorghum	1.03	1.31	1.22	2.21	2.72	6.85	8.94
Misc. field crops	1.03	1.31	1.22	2.21	2.62	6.49	8.1
Alfalfa Hay and Clover	1.06	2.22	4	4.38	6.38	6.79	7.49
Pasture and Misc. Grasses	1.03	1.75	2.33	4.25	7.01	6.8	8.31
Small Vegetables	1.05	1.8	3.74	3.74	0.35	0.44	0.11
Tomatoes and Peppers	1.03	1.31	1.15	1.61	3.67	7.24	7.69
Strawberries	1.03	1.31	1.22	2.21	2.62	6.49	8.1
Flowers, Nursery and Christmas Tree	1.02	1.33	0.4	1.66	2.2	4.74	7.64
Misc Subtropical	1.02	1.33	0.4	1.66	2.2	4.74	7.64
Grape Vines with 80% canopy	1.02	1.33	0.76	2.03	4.02	5.38	6.06
Grape Vines with cover crop (80% canopy)	1.05	2.12	2.46	3.2	5.64	5.93	7
Immature Grapes Vines with 50% canopy	1.02	1.32	0.64	1.67	3.06	4.17	4.74

	August	September	October	November	December	Annual
	inches	inches	inches	inches	inches	inches
Precipitation	0.28	0.08	1.56	2.22	2.46	21.2
Grass Reference ETo	7.59	5.79	3.59	1.38	1.05	53.03
Apple, Pear, Cherry, Plum and Prune	7.31	5.39	3.41	0.86	1.07	40.37
Apples, Plums, Cherries etc w/covercrop	8.96	6.71	3.88	1.38	1.27	57.73
Almonds	7.09	5.31	3.48	1.24	1.07	38.96
Almonds w/covercrop	8.17	6.07	3.87	1.39	1.26	51.96
Immature Almonds	4.99	3.8	2.6	1.04	1.07	29.79
Walnuts	8.26	5.93	3.6	1.17	1.07	42.42
Pistachio	8.26	6.27	3.53	1.29	1.07	40.86
Pistachio w/ covercrop	8.99	6.77	4.16	1.42	1.26	54.11
Immature Pistachio	5.71	4.31	2.7	1.03	1.07	29.67
Misc. Deciduous	7.34	5.4	3.55	0.82	1.07	37.17
Grain and Grain Hay	0.28	0.08	1.08	0.73	1.12	20.86
Corn and Grain Sorghum	7.37	0.93	1.08	0.73	1.07	35.45
Misc. field crops	3.17	0.08	1.08	0.73	1.07	29.11
Alfalfa Hay and Clover	6.7	5.22	2.58	1.2	1.25	49.27
Pasture and Misc. Grasses	7.63	5.73	3.29	1.15	1.07	50.35
Small Vegetables	1.43	1.59	2.56	1.54	1.21	19.56
Tomatoes and Peppers	1.12	0.08	1.08	0.73	1.07	27.77
Strawberries	3.17	0.08	1.08	0.73	1.07	29.11
Flowers, Nursery and Christmas Tree	7.34	5.4	3.55	0.82	1.07	37.17
Misc Subtropical	7.34	5.4	3.55	0.82	1.07	37.17
Grape Vines with 80% canopy	5.67	2.79	1.09	0.71	1.07	31.93
Grape Vines with cover crop (80% canopy)	6.6	3.58	2.71	1.04	1.25	42.58
Immature Grapes Vines with 50% canopy	3.93	2.18	1.09	0.72	1.07	25.62