

ETc Table for Irrigation Scheduling and Design  
 Zone 13 Monthly Evapotranspiration  
 Drip/Micro Irrigation Typical Year  
 IRRIGATION TRAINING AND RESEARCH CENTER, California Polytechnic State University, San Luis Obispo  
 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	1.04	1.35	0.87	2.85	6.52	6.72	8.09
Apples, Plums, Cherries etc w/covercrop	1.05	2.39	3.61	4.64	7.86	8.27	10.17
Peach, Nectarine and Apricots	1.04	1.35	0.88	2.71	6.01	6.53	7.7
Immature Peaches, Nectarines, etc	1.04	1.34	0.64	1.93	3.54	4.04	4.51
Almonds	1.04	1.35	1.06	3.3	6.53	6.4	7.66
Almonds w/covercrop	1.05	2.26	2.94	4.61	7.72	7.45	8.92
Immature Almonds	1.04	1.34	0.83	2.47	3.98	4.16	4.72
Walnuts	1.03	1.35	1.02	2.39	5.72	7.67	9.31
Pistachio	1.04	1.35	0.4	1.87	2.69	5.78	8.95
Pistachio w/ covercrop	1.05	2.26	2.76	3.92	5.19	6.89	9.39
Immature Pistachio	1.04	1.34	0.4	1.47	1.64	3.55	5.45
Misc. Deciduous	1.04	1.35	0.87	2.79	6.24	6.48	7.68
Misc. field crops	1.05	1.33	1.24	2.18	2.62	6.56	8.02
Small Vegetables	1.06	1.82	3.62	4.97	1.16	0.44	0.12
Strawberries	1.05	1.33	1.24	2.18	2.62	6.56	8.02
Flowers, Nursery and Christmas Tree	1.04	1.35	0.87	2.79	6.24	6.48	7.68
Misc Subtropical	1.04	1.35	0.87	2.79	6.24	6.48	7.68
Grape Vines with 80% canopy	1.04	1.34	0.56	1.85	3.58	5.63	6.81
Grape Vines with cover crop (80% canopy)	1.06	2.14	2.62	3.42	5.23	6.48	7.62
Immature Grapes Vines with 50% canopy	1.04	1.34	0.51	1.58	2.39	3.68	4.19

	August inches	September inches	October inches	November inches	December inches	Annual 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	7.62	5.38	2.7	0.72	1.1	44.95
Apples, Plums, Cherries etc w/covercrop	9.23	6.73	3.86	1.19	1.27	60.27
Peach, Nectarine and Apricots	7.18	5.1	2.59	0.72	1.1	42.88
Immature Peaches, Nectarines, etc	4.33	2.94	1.9	0.72	1.1	28.03
Almonds	7.22	5.01	2.7	0.72	1.1	44.08
Almonds w/covercrop	8.34	5.75	3.31	1.06	1.26	54.67
Immature Almonds	4.53	2.92	1.91	0.72	1.1	29.73
Walnuts	8.55	5.69	3.05	0.77	1.1	47.66
Pistachio	8.5	5.92	3.19	0.77	1.1	41.56
Pistachio w/ covercrop	8.87	6.47	3.97	1.2	1.27	53.23
Immature Pistachio	5.28	3.51	2.24	0.8	1.1	27.83
Misc. Deciduous	7.18	5.11	2.74	0.72	1.1	43.3
Misc. field crops	3.37	0.08	1.1	0.73	1.09	29.39
Small Vegetables	1.46	1.36	1.77	1.09	1.24	20.1
Strawberries	3.37	0.08	1.1	0.73	1.09	29.39
Flowers, Nursery and Christmas Tree	7.18	5.11	2.74	0.72	1.1	43.3
Misc Subtropical	7.18	5.11	2.74	0.72	1.1	43.3
Grape Vines with 80% canopy	5.75	3.1	1.11	0.72	1.1	32.59
Grape Vines with cover crop (80% canopy)	6.66	3.83	2.84	1.1	1.26	44.25
Immature Grapes Vines with 50% canopy	3.64	1.85	1.11	0.72	1.1	23.15