

WEEKLY SOIL MOISTURE LOSS IN INCHES														
(Estimated Crop Evapotranspiration or ET _C)														
10/17/25 through 10/23/25														
Crops (Leafout Date)	#148 Merced					#39 Parlier				#258 Lemon Cove				
	10/17 - 10/23 Water Use	Accum'd Seasonal Water Use	10/24 - 10/30 Estimated ETc			10/17 - 10/23 Water Use	Accum'd Seasonal Water Use	10/24 - 10/30 Estimated ETc			10/17 - 10/23 Water Use	Accum'd Seasonal Water Use	10/24 - 10/30 Estimated ETc	
Almonds (3/1) *	0.67	46.53	0.52			0.63	47.79	0.51			0.62	45.64	0.55	
Pistachio (4/25) * **	0.57	38.72	0.46			0.55	39.95	0.46			0.55	38.50	0.47	
Citrus (2/1)	0.56	37.14	0.51			0.52	38.37	0.49			0.52	36.54	0.54	
Raisin Grapes (4/14) (11 ft. row spacing)	0.51	27.66	0.48			0.48	28.42	0.47			0.48	27.23	0.48	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis) ***	0.63	30.34	0.55			0.59	31.18	0.54			0.59	30.01	0.58	
Walnuts (4/14)	0.39	37.61	0.33			0.35	38.78	0.32			0.36	37.30	0.33	
Stone Fruit (3/8)	0.60	40.16	0.51			0.57	41.38	0.49			0.57	39.66	0.54	
Past 7 days precipitation (inches)	0.00					0.07					0.00			
Accumulated precipitation (inches) (1/1/2025)	0.00					6.75					6.16			
Dates in parentheses above, indicate leaf out or starting date for ET accumulation for the specific crop														
* Estimates are for orchard floor conditions where vegetation is managed by some combination of strip applications of herbicides, frequent mowing or tillage, and by mid and late season shading and water stress. Weekly estimates of soil moisture loss can be as much as 25 percent higher in orchards where cover crops are planted and managed more intensively for maximum growth.														
** Very vigorous, non-salt affected peak season pistachio Kc can be as high as 1.19 – resulting in about 8% greater water use than shown in these tables.														
PAST WEEKLY APPLIED WATER IN INCHES, ADJUSTED FOR EFFICIENCY ¹														
Crops	#148 Merced					#39 Parlier					#258 Lemon Cove			
System Efficiency >>	65%	75%	85%	95%		65%	75%	85%	95%		65%	75%	85%	95%
Almonds (3/1)	1.0	0.9	0.8	0.7		1.0	0.8	0.7	0.7		1.0	0.8	0.7	0.7
Pistachio (4/25)	0.9	0.8	0.7	0.6		0.8	0.7	0.6	0.6		0.8	0.7	0.6	0.6
Citrus (2/1)	0.9	0.7	0.7	0.6		0.8	0.7	0.6	0.5		0.8	0.7	0.6	0.5
Raisin Grapes (4/14) (11 ft. row spacing)***	Assume all grape			0.5		Assume all grape			0.5		Assume all grape			0.5
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis) ***	irrigation type is drip			0.7		irrigation type is drip			0.6		irrigation type is drip			0.6
Walnuts (4/14)	0.6	0.5	0.5	0.4		0.5	0.5	0.4	0.4		0.6	0.5	0.4	0.4
Stone Fruit (3/8)	0.9	0.8	0.7	0.6		0.9	0.8	0.7	0.6		0.9	0.8	0.7	0.6
¹ The amount of water required by a specific irrigation system to satisfy evapotranspiration. Typical ranges in irrigation system efficiency are: Drip, 80%-95%; Micro-sprinkler, 80%-90%; Sprinkler, 70%-85%; and Border-furrow, 50%-75%.														
PAST WEEKLY APPLIED WATER IN GALLON PER TREE OR VINE														
Crops	#148 Merced					#39 Parlier					#258 Lemon Cove			
Almonds 115 Trees/A	236	213	189	165		236	189	165	165		236	189	165	165
Pistachio 106 Trees/A	224	199	174	149		199	174	149	149		199	174	149	149
Citrus 110 Trees/A	222	173	173	148		197	173	148	123		197	173	148	123
Raisin Grapes 566 Vines/A	Assume all grape			24		Assume all grape			24		Assume all grape			24
Winegrapes 622 Vines/A	irrigation type is drip			31		irrigation type is drip			26		irrigation type is drip			26
Walnuts 76 Trees/A	214	179	179	143		179	179	143	143		214	179	143	143
Stonefruit 172 Trees/A	142	126	111	95		142	126	111	95		142	126	111	95
For further information concerning all counties receiving this report, contact the Fresno Co. Farm Advisor's office at (559) 241-7526.														

WEEKLY SOIL MOISTURE LOSS IN INCHES												
(Estimated Crop Evapotranspiration or ET _C)												
10/17/25 through 10/23/25												
Crops (Leafout Date)	#124 Panoche				#2 Five Points				#15 Stratford			
	10/17- 10/23 Water Use	Accum'd Seasonal Water Use	10/24- 10/30 Estimated ETc		10/17- 10/23 Water Use	Accum'd Seasonal Water Use	10/24- 10/30 Estimated ETc		10/17- 10/23 Water Use	Accum'd Seasonal Water Use	10/24- 10/30 Estimated ETc	
Almonds (3/1) *	0.56	48.80	0.60		0.65	50.51	0.67		0.70	52.12	0.65	
Pistachio (4/25) * **	0.48	41.30	0.52		0.57	42.72	0.59		0.61	43.73	0.57	
Citrus (2/1)	0.49	39.58	0.56		0.54	40.88	0.59		0.58	42.35	0.58	
Raisin Grapes (4/14) (11 ft. row spacing)	0.43	29.31	0.50		0.50	30.38	0.56		0.54	31.28	0.54	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	0.53	32.15	0.62		0.61	33.32	0.68		0.65	34.18	0.66	
Walnuts (4/14)	0.32	40.18	0.36		0.38	41.47	0.39		0.40	42.52	0.39	
Stone Fruit (3/8)	0.49	42.64	0.59		0.59	44.10	0.66		0.63	45.30	0.64	
Past 7 days precipitation (inches)		0.00				0.02				0.01		
Accumulated precipitation (inches) (1/1/2025)		3.71				4.04				3.97		

* Estimates are for orchard floor conditions where vegetation is managed by some combination of strip applications of herbicides, frequent mowing or tillage, and by mid and late season shading and water stress. Weekly estimates of soil moisture loss can be as much as 25 percent higher in orchards where cover crops are planted and managed more intensively for maximum growth.

** Very vigorous, non-salt affected peak season pistachio Kc can be as high as 1.19 – resulting in about 8% greater water use than shown in these tables.

PAST WEEKLY APPLIED WATER IN INCHES, ADJUSTED FOR EFFICIENCY ¹												
Crops	#124 Panoche				#2 Five Points				#15 Stratford			
System Efficiency >>>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/1)	0.9	0.7	0.7	0.6	1.0	0.9	0.8	0.7	1.1	0.9	0.8	0.7
Pistachio (4/25)	0.7	0.6	0.6	0.5	0.9	0.8	0.7	0.6	0.9	0.8	0.7	0.6
Citrus (2/1)	0.8	0.7	0.6	0.5	0.8	0.7	0.6	0.6	0.9	0.8	0.7	0.6
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			0.5	Assume all grape			0.5	Assume all grape			0.6
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			0.6	irrigation type is drip			0.6	irrigation type is drip			0.7
Walnuts (4/14)	0.5	0.4	0.4	0.3	0.6	0.5	0.4	0.4	0.6	0.5	0.5	0.4
Stone Fruit (3/8)	0.8	0.7	0.6	0.5	0.9	0.8	0.7	0.6	1.0	0.8	0.7	0.7

1 The amount of water required by a specific irrigation system to satisfy evapotranspiration. Typical ranges in irrigation system efficiency are: Drip, 80%-95%; Micro-sprinkler, 80%-90%; Sprinkler, 70%-85%; and Border-furrow, 50%-75%.

PAST WEEKLY APPLIED WATER IN GALLON PER TREE OR VINE												
Crops	#124 Panoche				#2 Five Points				#15 Stratford			
Almonds 115 Trees/A	213	165	165	142	236	213	189	165	260	213	189	165
Pistachio 106 Trees/A	174	149	149	125	224	199	174	149	224	199	174	149
Citrus 110 Trees/A	197	173	148	123	197	173	148	148	222	197	173	148
Raisin Grapes 566 Vines/A	Assume all grape			24	Assume all grape			24	Assume all grape			29
Winegrapes 622 Vines/A	irrigation type is drip			26	irrigation type is drip			26	irrigation type is drip			31
Walnuts 76 Trees/A	179	143	143	107	214	179	143	143	214	179	179	143
Stonefruit 172 Trees/A	126	111	95	79	142	126	111	95	158	126	111	111

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