



WEEKLY SOIL MOISTURE LOSS IN INCHES (Estimated Crop Evapotranspiration or ETC) 04/10/2026 through 04/16/2026												
Crops (Leafout Date)	#148 Merced				#39 Parlier				#258 Lemon Cove			
	04/10 - 04/16	Accum'd	04/17 - 04/23		04/10 - 04/16	Accum'd	04/17 - 04/23		04/10 - 04/16	Accum'd	04/17 - 04/23	
	Water	Seasonal	Estimated		Water	Seasonal	Estimated		Water	Seasonal	Estimated	
	Use	Water Use	ETc		Use	Water Use	ETc		Use	Water Use	ETc	
Almonds (3/6) *	0.86	3.49	0.95		0.92	4.24	0.95		0.86	4.19	0.95	
Citrus (2/1)	0.79	5.93	0.89		0.86	6.89	0.91		0.82	6.95	0.91	
Pistachio (4/1) * **	0.18	0.30	0.32		0.21	0.33	0.36		0.18	0.30	0.36	
Raisin Grapes (3/9) (11 ft. row spacing)	0.28	0.66	0.40		0.31	0.81	0.40		0.29	0.79	0.40	
Stone Fruit (3/16)	0.42	1.24	0.49		0.44	1.48	0.49		0.42	1.48	0.49	
Walnuts (TBD)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Winegrapes (3/9) (10 ft. spacing on California Sprawl Trellis) ***	0.32	0.97	0.43		0.37	1.21	0.45		0.34	1.18	0.45	
Past 7 days precipitation (inches)	0.00				0.26				0.29			
Accumulated precipitation (inches) (01/01/2026)	0.00				3.81				3.91			
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 (3/6) *	1.3	1.1	1.0	0.9	1.4	1.2	1.1	1.0	1.3	1.1	1.0	0.9
Citrus (2/1)	1.2	1.1	0.9	0.8	1.3	1.1	1.0	0.9	1.3	1.1	1.0	0.9
Pistachio (4/1) * **	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2
Raisin Grapes (3/9) (11 ft. row spacing)	Assume grape irrigation drip			0.3	Assume grape irrigation drip			0.3	Assume grape irrigation drip			0.3
Stone Fruit (3/16)	0.6	0.6	0.5	0.4	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.4
Walnuts (TBD)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winegrapes (3/9) (10 ft. spacing on California Sprawl Trellis) ***	Assume grape irrigation drip			0.3	Assume grape irrigation drip			0.4	Assume grape irrigation drip			0.4
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	307	260	236	213	331	283	260	236	307	260	236	213
Citrus 110 Trees/A	296	272	222	197	321	272	247	222	321	272	247	222
Pistachio 106 Trees/A	77	51	51	51	77	77	51	51	77	51	51	51
Raisin Grapes 566 Vines/A	Assume grape irrigation drip			14	Assume grape irrigation drip			14	Assume grape irrigation drip			14
Stonefruit 172 Trees/A	95	95	79	63	111	95	79	79	95	95	79	63
Walnuts 76 Trees/A	0	0	0	0	0	0	0	0	0	0	0	0
Winegrapes 622 Vines/A	Assume grape irrigation drip			13	Assume grape irrigation drip			17	Assume grape irrigation drip			17

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 ETC)  
04/10/2026 through 04/16/2026

Crops (Leafout Date)	#124 Panoche				#2 Five Points				#15 Stratford			
	04/10 - 04/16		04/17 - 04/23		04/10 - 04/16		04/17 - 04/23		04/10 - 04/16		04/17 - 04/23	
	Water Use	Seasonal Water Use	Estimated ETC		Water Use	Seasonal Water Use	Estimated ETC		Water Use	Seasonal Water Use	Estimated ETC	
Almonds (3/6) *	0.82	3.92	1.09		1.01	4.66	1.14		0.99	4.78	1.15	
Citrus (2/1)	0.79	6.51	1.01		0.97	7.30	1.04		0.93	7.78	1.05	
Pistachio (4/1) * **	0.15	0.25	0.39		0.20	0.31	0.41		0.22	0.36	0.41	
Raisin Grapes (3/9) (11 ft. row spacing)	0.28	0.76	0.46		0.35	0.92	0.49		0.33	0.92	0.49	
Stone Fruit (3/16)	0.41	1.37	0.57		0.50	1.64	0.59		0.49	1.69	0.59	
Walnuts (TBD)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Winegrapes (3/9) (10 ft. spacing on California Sprawl Trellis) ***	0.29	0.96	0.51		0.35	1.15	0.52		0.39	1.37	0.52	
Past 7 days precipitation (inches)		0.22				0.08				0.12		
Accumulated precipitation (inches) (01/01/2026)		3.09				1.98				2.07		

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	#124 Panoche				#2 Five Points				#15 Stratford			
	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
System Efficiency >>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/6) *	1.3	1.1	1.0	0.9	1.6	1.3	1.2	1.1	1.5	1.3	1.2	1.0
Citrus (2/1)	1.2	1.1	0.9	0.8	1.5	1.3	1.1	1.0	1.4	1.2	1.1	1.0
Pistachio (4/1) * **	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2
Raisin Grapes (3/9) (11 ft. row spacing)	Assume grape irrigation drip			0.3	Assume grape irrigation drip			0.4	Assume grape irrigation drip			0.3
Stone Fruit (3/16)	0.6	0.5	0.5	0.4	0.8	0.7	0.6	0.5	0.8	0.7	0.6	0.5
Walnuts (TBD)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winegrapes (3/9) (10 ft. spacing on California Sprawl Trellis) ***	Assume grape irrigation drip			0.3	Assume grape irrigation drip			0.4	Assume grape irrigation drip			0.4

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	307	260	236	213	378	307	283	260	354	307	283	236
Citrus 110 Trees/A	296	272	222	197	370	321	272	247	346	296	272	247
Pistachio 106 Trees/A	51	51	51	51	77	77	51	51	77	77	77	51
Raisin Grapes 566 Vines/A	Assume grape irrigation drip			14	Assume grape irrigation drip			19	Assume grape irrigation drip			14
Stonefruit 172 Trees/A	95	79	79	63	126	111	95	79	126	111	95	79
Walnuts 76 Trees/A	0	0	0	0	0	0	0	0	0	0	0	0
Winegrapes 622 Vines/A	Assume grape irrigation drip			13	Assume grape irrigation drip			17	Assume grape irrigation drip			17

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