



WEEKLY SOIL MOISTURE LOSS IN INCHES
 (Estimated Crop Evapotranspiration or ET_c)
 03/20/2026 through 03/26/2026

Crops (Leafout Date)	#148 Merced				#39 Parlier				#258 Lemon Cove		
	03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc		03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc		03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc
Almonds (3/6) *	0.56	1.24	0.65		0.74	1.66	0.67		0.75	1.70	0.60
Citrus (2/1)	0.64	3.65	0.72		0.84	4.31	0.74		0.86	4.42	0.67
Pistachio (TBD) * **	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00
Raisin Grapes (TBD) (11 ft. row spacing)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00
Stone Fruit (3/16)	0.20	0.28	0.26		0.22	0.34	0.26		0.24	0.38	0.26
Walnuts (TBD)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00
Winegrapes (TBD) (10 ft. spacing on California Sprawl Trellis) ***	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00
Past 7 days precipitation (inches)	0.00				0.00				0.00		
Accumulated precipitation (inches) (01/01/2026)	0.00				3.51				3.52		

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			
	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) *	0.9	0.7	0.7	0.6		1.1	1.0	0.9	0.8		1.2	1.0	0.9	0.8
Citrus (2/1)	1.0	0.9	0.8	0.7		1.3	1.1	1.0	0.9		1.3	1.1	1.0	0.9
Pistachio (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
Raisin Grapes (TBD) (11 ft. row spacing)	Assume grape irrigation drip			0.0		Assume grape irrigation drip			0.0		Assume grape irrigation drip			0.0
Stone Fruit (3/16)	0.3	0.3	0.2	0.2		0.3	0.3	0.3	0.2		0.4	0.3	0.3	0.3
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 (TBD) (10 ft. spacing on California Sprawl Trellis) ***	Assume grape irrigation drip			0.0		Assume grape irrigation drip			0.0		Assume grape irrigation drip			0.0

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			
	213	165	165	142		260	236	213	189		283	236	213	189
Almonds 115 Trees/A	213	165	165	142		260	236	213	189		283	236	213	189
Citrus 110 Trees/A	247	222	197	173		321	272	247	222		321	272	247	222
Pistachio 106 Trees/A	0	0	0	0		0	0	0	0		0	0	0	0
Raisin Grapes 566 Vines/A	Assume grape irrigation drip			0		Assume grape irrigation drip			0		Assume grape irrigation drip			0
Stonefruit 172 Trees/A	47.4	47.4	31.6	32		47.4	47.4	47.4	32		63.1	47.4	47.4	47
Walnuts 76 Trees/A	0	0	0	0		0	0	0	0		0	0	0	0
Winegrapes 622 Vines/A	Assume grape irrigation drip			0		Assume grape irrigation drip			0		Assume grape irrigation drip			0

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)
03/20/2026 through 03/26/2026

Crops (Leafout Date)	#124 Panoche				#2 Five Points				#15 Stratford			
	03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc		03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc		03/20 - 03/26 Water Use	Accum'd Seasonal Water Use	03/27 - 04/02 Estimated ETc	
Almonds (3/6) *	0.76	1.64	0.74		0.91	1.89	0.76		0.94	1.95	0.76	
Citrus (2/1)	0.86	4.20	0.79		1.02	4.50	0.83		1.04	4.95	0.83	
Pistachio (TBD) * **	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Raisin Grapes (TBD) (11 ft. row spacing)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Stone Fruit (3/16)	0.24	0.36	0.31		0.30	0.43	0.31		0.30	0.45	0.31	
Walnuts (TBD)	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Winegrapes (TBD) (10 ft. spacing on California Sprawl Trellis) ***	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	
Past 7 days precipitation (inches)	0.00				0.00				0.00			
Accumulated precipitation (inches) (01/01/2026)	2.31				1.88				1.93			

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) *	1.2	1.0	0.9	0.8	1.4	1.2	1.1	1.0	1.4	1.3	1.1	1.0
Citrus (2/1)	1.3	1.1	1.0	0.9	1.6	1.4	1.2	1.1	1.6	1.4	1.2	1.1
Pistachio (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
Raisin Grapes (TBD) (11 ft. row spacing)	Assume grape irrigation drip			0.0	Assume grape irrigation drip			0.0	Assume grape irrigation drip			0.0
Stone Fruit (3/16)	0.4	0.3	0.3	0.3	0.5	0.4	0.4	0.3	0.5	0.4	0.4	0.3
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 (TBD) (10 ft. spacing on California Sprawl Trellis) ***	Assume grape irrigation drip			0.0	Assume grape irrigation drip			0.0	Assume grape irrigation drip			0.0

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	283	236	213	189	331	283	260	236	331	307	260	236
Citrus 110 Trees/A	321	272	247	222	395	346	296	272	395	346	296	272
Pistachio 106 Trees/A	0	0	0	0	0	0	0	0	0	0	0	0
Raisin Grapes 566 Vines/A	Assume grape irrigation drip			0	Assume grape irrigation drip			0	Assume grape irrigation drip			0
Stonefruit 172 Trees/A	63.1	47.4	47.4	47	78.9	63.1	63.1	47	78.9	63.1	63.1	47
Walnuts 76 Trees/A	0	0	0	0	0	0	0	0	0	0	0	0
Winegrapes 622 Vines/A	Assume grape irrigation drip			0	Assume grape irrigation drip			0	Assume grape irrigation drip			0

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