

WEEKLY SOIL MOISTURE LOSS IN INCHES															
(Estimated Crop Evapotranspiration or ET _c)															
11/07/25 through 11/13/25															
Crops (Leafout Date)	#148 Merced					#39 Parlier					#258 Lemon Cove				
	11/07 - 11/13	Accum'd	11/14 - 11/20			11/07 - 11/13	Accum'd	11/14 - 11/20			11/07 - 11/13	Accum'd	11/14 - 11/20		
	Water Use	Seasonal Water Use	Estimated ETc			Water Use	Seasonal Water Use	Estimated ETc			Water Use	Seasonal Water Use	Estimated ETc		
Almonds (3/1) *	0.41	47.46	0.32			0.49	48.77	0.32			0.49	46.58	0.37		
Pistachio (4/25) * **	0.45	39.63	0.29			0.44	40.80	0.29			0.39	39.28	0.31		
Citrus (2/1)	0.40	38.05	0.35			0.49	39.33	0.35			0.42	37.38	0.37		
Raisin Grapes (4/14) (11 ft. row spacing)	0.00	27.66	0.00			0.00	28.42	0.00			0.00	27.23	0.00		
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis) ***	0.00	30.34	0.00			0.00	31.18	0.00			0.00	30.01	0.00		
Walnuts (4/14)	0.14	38.08	0.14			0.19	39.25	0.14			0.27	37.84	0.14		
Stone Fruit (3/8)	0.42	41.09	0.06			0.51	42.36	0.06			0.42	40.50	0.06		
Past 7 days precipitation (inches)	0.00					0.09					0.00				
Accumulated precipitation (inches) (1/1/2025)	0.00					6.84					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)	0.6	0.5	0.5	0.4		0.8	0.7	0.6	0.5		0.8	0.7	0.6	0.5	
Pistachio (4/25)	0.7	0.6	0.5	0.5		0.7	0.6	0.5	0.5		0.6	0.5	0.5	0.4	
Citrus (2/1)	0.6	0.5	0.5	0.4		0.8	0.7	0.6	0.5		0.6	0.6	0.5	0.4	
Raisin Grapes (4/14) (11 ft. row spacing)***	Assume all grape			0.0		Assume all grape			0.0		Assume all grape			0.0	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis) ***	irrigation type is drip			0.0		irrigation type is drip			0.0		irrigation type is drip			0.0	
Walnuts (4/14)	0.2	0.2	0.2	0.1		0.3	0.3	0.2	0.2		0.4	0.4	0.3	0.3	
Stone Fruit (3/8)	0.6	0.6	0.5	0.4		0.8	0.7	0.6	0.5		0.6	0.6	0.5	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	142	118	118	94		189	165	142	118		189	165	142	118	
Pistachio 106 Trees/A	174	149	125	125		174	149	125	125		149	125	125	100	
Citrus 110 Trees/A	148	123	123	99		197	173	148	123		148	148	123	99	
Raisin Grapes 566 Vines/A	Assume all grape			0		Assume all grape			0		Assume all grape			0	
Winegrapes 622 Vines/A	irrigation type is drip			0		irrigation type is drip			0		irrigation type is drip			0	
Walnuts 76 Trees/A	71	71	71	36		107	107	71	71		143	143	107	107	
Stonefruit 172 Trees/A	95	95	79	63		126	111	95	79		95	95	79	63	
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)														
11/07/25 through 11/13/25														
Crops (Leafout Date)	#124 Panoche					#2 Five Points					#15 Stratford			
	11/07- 11/13	Accum'd	11/14- 11/20		11/07- 11/13	Accum'd	11/14- 11/20		11/07- 11/13	Accum'd	11/14- 11/20			
	Water	Seasonal	Estimated		Water	Seasonal	Estimated		Water	Seasonal	Estimated			
	Use	Water Use	ETc		Use	Water Use	ETc		Use	Water Use	ETc			
Almonds (3/1) *	0.43	49.64	0.37		0.57	51.65	0.43		0.56	53.25	0.42			
Pistachio (4/25) * **	0.38	42.03	0.31		0.51	43.72	0.36		0.51	44.74	0.35			
Citrus (2/1)	0.43	40.40	0.37		0.54	41.95	0.44		0.52	43.40	0.42			
Raisin Grapes (4/14) (11 ft. row spacing)	0.00	29.31	0.00		0.00	30.38	0.00		0.00	31.28	0.00			
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	0.00	32.15	0.00		0.00	33.32	0.00		0.00	34.18	0.00			
Walnuts (4/14)	0.18	40.61	0.14		0.20	42.01	0.16		0.19	43.05	0.15			
Stone Fruit (3/8)	0.43	43.46	0.06		0.57	45.22	0.07		0.57	46.42	0.07			
Past 7 days precipitation (inches)	0.19				0.09				0.09					
Accumulated precipitation (inches) (1/1/2025)	3.90				4.13				4.06					
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			
System Efficiency >>	65%	75%	85%	95%		65%	75%	85%	95%		65%	75%	85%	95%
Almonds (3/1)	0.7	0.6	0.5	0.5		0.9	0.8	0.7	0.6		0.9	0.7	0.7	0.6
Pistachio (4/25)	0.6	0.5	0.4	0.4		0.8	0.7	0.6	0.5		0.8	0.7	0.6	0.5
Citrus (2/1)	0.7	0.6	0.5	0.5		0.8	0.7	0.6	0.6		0.8	0.7	0.6	0.5
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			0.0		Assume all grape			0.0		Assume all grape			0.0
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			0.0		irrigation type is drip			0.0		irrigation type is drip			0.0
Walnuts (4/14)	0.3	0.2	0.2	0.2		0.3	0.3	0.2	0.2		0.3	0.3	0.2	0.2
Stone Fruit (3/8)	0.7	0.6	0.5	0.5		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	#124 Panoche					#2 Five Points					#15 Stratford			
Almonds 115 Trees/A	165	142	118	118		213	189	165	142		213	165	165	142
Pistachio 106 Trees/A	149	125	100	100		199	174	149	125		199	174	149	125
Citrus 110 Trees/A	173	148	123	123		197	173	148	148		197	173	148	123
Raisin Grapes 566 Vines/A	Assume all grape			0		Assume all grape			0		Assume all grape			0
Winegrapes 622 Vines/A	irrigation type is drip			0		irrigation type is drip			0		irrigation type is drip			0
Walnuts 76 Trees/A	107	71	71	71		107	107	71	71		107	107	71	71
Stonefruit 172 Trees/A	111	95	79	79		142	126	111	95		142	126	111	95
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