UC Cooperative Extension
University of California
Agriculture & Natural Resources

CALIFORNIA DEPARTMENT OF WATER RESOURCES

WEEKLY CROP WATER USE
Based on local CIMIS Weather Stations (in inches)

(Estimated Crop Evapotranspiration or ETc)

8/7/2026 through 8/13/2026

#70 Manteca

Crops (Leaf out date)	Weekly Kc	08/07 - 08/13 Water Use	Accumulated Seasonal Water Use	08/14 - 08/20 Estimated ETc
Alfalfa (2/1)	0.97	1.62	36.72	1.51
Almonds (2/27) *	1.08	1.83	33.46	1.72
Peaches (3/10) *	1.10	1.86	26.28	1.72
Pistachios (4/1)	1.10	1.86	29.27	1.72
Pasture	0.86	1.47	32.59	1.37
Vineyard Established (3/27)	0.96	1.62	25.87	1.51
Walnuts (4/1) *	1.14	1.93	26.51	1.79
Past 7 days precipitation (inches)			0.00	
Accumulated precipitation (inches) (01/01/2026)			7.45	

#194 Oakdale

Crops (Leaf out date)	Weekly Kc	08/07 - 08/13 Water Use	Accumulated Seasonal Water Use	08/14 - 08/20 Estimated ETc
Alfalfa (2/1)	0.97	1.63	36.60	1.59
Almonds (2/27) *	1.08	1.84	33.08	1.80
Peaches (3/10) *	1.10	1.88	26.00	1.80
Pistachios (4/1)	1.10	1.88	28.78	1.80
Pasture	0.86	1.47	32.46	1.45
Vineyard Established (3/27)	0.96	1.63	25.46	1.59
Walnuts (4/1) *	1.14	1.95	26.18	1.87
Past 7 days precipitation (inches)			0.00	
Accumulated precipitation (inches) (01/01/2026)			7.77	

#206 Denair II

Crops (Leaf out date)	Weekly Kc	08/07 - 08/13 Water Use	Accumulated Seasonal Water Use	08/14 - 08/20 Estimated ETc
Alfalfa (2/1)	0.97	1.73	38.41	1.59
Almonds (2/27) *	1.08	1.94	34.83	1.80
Peaches (3/10) *	1.10	1.99	27.53	1.80
Pistachios (4/1)	1.10	1.99	30.44	1.80
Pasture	0.86	1.54	34.06	1.45
Vineyard Established (3/27)	0.96	1.73	27.00	1.59
Walnuts (4/1) *	1.14	2.06	27.68	1.87
Past 7 days precipitation (inches)			0.01	
Accumulated precipitation (inches) (01/01/2026)			7.49	

Accumulations started on February 1, 2026 or on the approximate leafout date for a specific crop as indicated in parentheses. Criteria for beginning this report are based on the season's last significant rainfall event where the soil moisture profile is estimated to be near its highest level for the new season.

* Estimates are for orchard/vineyard 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. 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.

PAST WEEKLY APPLIED WATER IN INCHES, ADJUSTED FOR EFFICIENCY

#70 Manteca

System Efficiency>>	75%	85%	95%
Alfalfa (2/1)	2.2	1.9	1.7
Almonds (2/27) *	2.4	2.2	1.9
Peaches (3/10) *	2.5	2.2	2.0
Pistachios (4/1)	2.5	2.2	2.0
Pasture	2.0	1.7	1.5
Vineyard Established (3/27)	2.2	1.9	1.7
Walnuts (4/1) *	2.6	2.3	2.0

#194 Oakdale

System Efficiency>>	75%	85%	95%
Alfalfa (2/1)	2.2	1.9	1.7
Almonds (2/27) *	2.5	2.2	1.9
Peaches (3/10) *	2.5	2.2	2.0
Pistachios (4/1)	2.5	2.2	2.0
Pasture	2.0	1.7	1.5
Vineyard Established (3/27)	2.2	1.9	1.7
Walnuts (4/1) *	2.6	2.3	2.1

#206 Denair II

System Efficiency>>	75%	85%	95%
Alfalfa (2/1)	2.3	2.0	1.8
Almonds (2/27) *	2.6	2.3	2.0
Peaches (3/10) *	2.7	2.3	2.1
Pistachios (4/1)	2.7	2.3	2.1
Pasture	2.1	1.8	1.6
Vineyard Established (3/27)	2.3	2.0	1.8
Walnuts (4/1) *	2.7	2.4	2.2

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 Flood, 50%-75%.

For further information concerning this report, contact Moneim Mohamed at the University of California Cooperative Extension office in Stanislaus County at (209) 525-6800.