

**WEEKLY SOIL MOISTURE LOSS IN INCHES**  
(Estimated Crop Evapotranspiration or ET<sub>c</sub>)  
03/06/2026 through 03/12/2026

| Crops (Leafout Date)   | #148 Merced                |                                  |                                   |  | #39 Parlier                |                                  |                                   |  | #258 Lemon Cove            |                                  |                                   |
|--|----------------------------|----------------------------------|-----------------------------------|--|----------------------------|----------------------------------|-----------------------------------|--|----------------------------|----------------------------------|-----------------------------------|
|  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |
| Almonds (3/6) *  | 0.29                       | 0.29                             | 0.39                              |  | 0.40                       | 0.40                             | 0.39                              |  | 0.41                       | 0.41                             | 0.39                              |
| Citrus (2/1)   | 0.53                       | 2.40                             | 0.61                              |  | 0.71                       | 2.68                             | 0.61                              |  | 0.72                       | 2.75                             | 0.57                              |
| 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 (TBD)  | 0.00                       | 0.00                             | 0.00                              |  | 0.00                       | 0.00                             | 0.00                              |  | 0.00                       | 0.00                             | 0.00                              |
| 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 <sup>1</sup>**

| 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) *  | 0.4                          | 0.4 | 0.3 | 0.3 |  | 0.6                          | 0.5 | 0.5 | 0.4 |  | 0.6                          | 0.5 | 0.5 | 0.4 |
| Citrus (2/1)   | 0.8                          | 0.7 | 0.6 | 0.6 |  | 1.1                          | 0.9 | 0.8 | 0.7 |  | 1.1                          | 1.0 | 0.8 | 0.8 |
| 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 (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 |
| 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 |

<sup>1</sup> 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              |     |     |     |
|---------------------------|------------------------------|-----|-----|-----|--|------------------------------|-----|-----|-----|--|------------------------------|-----|-----|-----|
|                           | 94                           | 118 | 148 | 173 |  | 142                          | 118 | 118 | 94  |  | 142                          | 118 | 118 | 94  |
| Almonds 115 Trees/A       | 94                           | 94  | 71  | 71  |  | 142                          | 118 | 118 | 94  |  | 142                          | 118 | 118 | 94  |
| Citrus 110 Trees/A        | 197                          | 173 | 148 | 148 |  | 272                          | 222 | 197 | 173 |  | 272                          | 247 | 197 | 197 |
| 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    | 0.0                          | 0.0 | 0.0 | 0   |  | 0.0                          | 0.0 | 0.0 | 0   |  | 0.0                          | 0.0 | 0.0 | 0   |
| 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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**WEEKLY SOIL MOISTURE LOSS IN INCHES**  
(Estimated Crop Evapotranspiration or ET<sub>c</sub>)  
03/06/2026 through 03/12/2026

| Crops (Leafout Date)   | #124 Panoche               |                                  |                                   |  | #2 Five Points             |                                  |                                   |  | #15 Stratford              |                                  |                                   |
|--|----------------------------|----------------------------------|-----------------------------------|--|----------------------------|----------------------------------|-----------------------------------|--|----------------------------|----------------------------------|-----------------------------------|
|  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |  | 03/06 - 03/12<br>Water Use | Accum'd<br>Seasonal<br>Water Use | 03/13 - 03/19<br>Estimated<br>ETc |
| Almonds (3/6) *  | 0.38                       | 0.38                             | 0.31                              |  | 0.40                       | 0.40                             | 0.33                              |  | 0.41                       | 0.41                             | 0.33                              |
| Citrus (2/1)   | 0.68                       | 2.57                             | 0.59                              |  | 0.72                       | 2.63                             | 0.61                              |  | 0.75                       | 3.03                             | 0.61                              |
| 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 (TBD)  | 0.00                       | 0.00                             | 0.00                              |  | 0.00                       | 0.00                             | 0.00                              |  | 0.00                       | 0.00                             | 0.00                              |
| 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 <sup>1</sup>**

| 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) *  | 0.6                          | 0.5 | 0.4 | 0.4 |  | 0.6                          | 0.5 | 0.5 | 0.4 |  | 0.6                          | 0.5 | 0.5 | 0.4 |
| Citrus (2/1)   | 1.0                          | 0.9 | 0.8 | 0.7 |  | 1.1                          | 1.0 | 0.8 | 0.8 |  | 1.2                          | 1.0 | 0.9 | 0.8 |
| 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 (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 |
| 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 |

<sup>1</sup> 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                |     |     |     |
|---------------------------|------------------------------|-----|-----|-----|--|------------------------------|-----|-----|-----|--|------------------------------|-----|-----|-----|
|                           | 142                          | 118 | 94  | 94  |  | 142                          | 118 | 118 | 94  |  | 142                          | 118 | 118 | 94  |
| Almonds 115 Trees/A       | 142                          | 118 | 94  | 94  |  | 142                          | 118 | 118 | 94  |  | 142                          | 118 | 118 | 94  |
| Citrus 110 Trees/A        | 247                          | 222 | 197 | 173 |  | 272                          | 247 | 197 | 197 |  | 296                          | 247 | 222 | 197 |
| 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    | 0.0                          | 0.0 | 0.0 | 0   |  | 0.0                          | 0.0 | 0.0 | 0   |  | 0.0                          | 0.0 | 0.0 | 0   |
| 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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