

WEEKLY ET REPORT
(Estimated Crop Evapotranspiration or ETc)
07/22/22 through 07/28/22

| Crops (Leafout Date) | Tehama County - Gerber South | | | Butte County - Biggs | | | Butte County - Durham | | | Colusa County - Williams | | |
|---|------------------------------|----------------------------|---------------------------|------------------------|----------------------------|---------------------------|------------------------|----------------------------|---------------------------|--------------------------|----------------------------|---------------------------|
| | Past Week of Water Use | Accum'd Seasonal Water Use | Next Week's Estimated ETc | Past Week of Water Use | Accum'd Seasonal Water Use | Next Week's Estimated ETc | Past Week of Water Use | Accum'd Seasonal Water Use | Next Week's Estimated ETc | Past Week of Water Use | Accum'd Seasonal Water Use | Next Week's Estimated ETc |
| Pasture [ETo] | 1.86 | 35.29 | 1.78 | 1.74 | 31.70 | 1.63 | 1.62 | 31.07 | 1.57 | 2.15 | 38.55 | 1.70 |
| Olives Table * | 1.41 | 26.66 | 1.35 | 1.32 | 23.95 | 1.23 | 1.22 | 23.45 | 1.18 | 1.63 | 29.13 | 1.29 |
| Olives High Density * | 1.12 | 21.18 | 1.08 | 1.05 | 19.03 | 0.96 | 0.97 | 18.64 | 0.95 | 1.29 | 23.12 | 1.02 |
| Citrus * | 1.21 | 23.01 | 1.16 | 1.13 | 20.66 | 1.07 | 1.06 | 20.30 | 1.03 | 1.40 | 25.06 | 1.09 |
| Almonds (2/23) * | 2.06 | 32.69 | 1.99 | 1.94 | 29.47 | 1.82 | 1.82 | 28.63 | 1.75 | 2.40 | 35.68 | 1.90 |
| Cling Peaches (3/25) * | 2.06 | 24.92 | 1.98 | 1.94 | 22.53 | 1.77 | 1.78 | 21.62 | 1.71 | 2.36 | 27.19 | 1.89 |
| Pistachios (4/7) * | 2.21 | 27.00 | 2.12 | 2.08 | 24.59 | 1.95 | 1.93 | 23.41 | 1.86 | 2.56 | 29.27 | 2.03 |
| Prunes (3/25) * | 1.79 | 29.11 | 1.71 | 1.67 | 26.53 | 1.56 | 1.55 | 25.38 | 1.50 | 2.08 | 31.79 | 1.63 |
| Walnuts (4/7) * | 1.86 | 28.06 | 1.78 | 1.74 | 25.67 | 1.63 | 1.62 | 24.31 | 1.57 | 2.15 | 30.49 | 1.70 |
| Urban Turf Grass | 1.59 | 30.08 | 1.53 | 1.49 | 27.00 | 1.42 | 1.41 | 26.47 | 1.36 | 1.86 | 32.89 | 1.49 |
| Past 7 days precipitation (inches) | | (0.00) | | | (0.00) | | | (0.00) | | | (0.00) | |
| Accumulated precipitation (inches) | | (1.36) | | | (1.46) | | | (2.08) | | | (0.96) | |

*Accumulations started on February 25th 2022 for pasture, table and high density olives, citrus, almond, turf grass, and rainfall. Accumulations for prune, walnuts, and vineyards will begin as soon as leafout occurs for the 2022 season and the leafout date will be noted in parentheses next to the 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.

PAST WEEKLY APPLIED WATER IN INCHES, ADJUSTED FOR EFFICIENCY ¹

| Crops | Tehama County - Gerber South | | | Butte County - Biggs | | | Butte County - Durham | | | Colusa County - Williams | | |
|----------------------|------------------------------|-----|-----|----------------------|-----|-----|-----------------------|-----|-----|--------------------------|-----|-----|
| | 70% | 80% | 90% | 70% | 80% | 90% | 70% | 80% | 90% | 70% | 80% | 90% |
| System Efficiency >> | 70% | 80% | 90% | 70% | 80% | 90% | 70% | 80% | 90% | 70% | 80% | 90% |
| Olives Table | 2.0 | 1.8 | 1.6 | 1.9 | 1.7 | 1.5 | 1.7 | 1.5 | 1.4 | 2.3 | 2.0 | 1.8 |
| Olives High Density | 1.6 | 1.4 | 1.2 | 1.5 | 1.3 | 1.2 | 1.4 | 1.2 | 1.1 | 1.8 | 1.6 | 1.4 |
| Citrus | 1.7 | 1.5 | 1.3 | 1.6 | 1.4 | 1.3 | 1.5 | 1.3 | 1.2 | 2.0 | 1.8 | 1.6 |
| Almonds (2/23) | 2.9 | 2.6 | 2.3 | 2.8 | 2.4 | 2.2 | 2.6 | 2.3 | 2.0 | 3.4 | 3.0 | 2.7 |
| Cling Peaches (3/25) | 2.9 | 2.6 | 2.3 | 2.8 | 2.4 | 2.2 | 2.5 | 2.2 | 2.0 | 3.4 | 3.0 | 2.6 |
| Pistachios (4/7) | 3.2 | 2.8 | 2.5 | 3.0 | 2.6 | 2.3 | 2.8 | 2.4 | 2.1 | 3.7 | 3.2 | 2.8 |
| Prunes (3/25) | 2.6 | 2.2 | 2.0 | 2.4 | 2.1 | 1.9 | 2.2 | 1.9 | 1.7 | 3.0 | 2.6 | 2.3 |
| Walnuts (4/7) | 2.7 | 2.3 | 2.1 | 2.5 | 2.2 | 1.9 | 2.3 | 2.0 | 1.8 | 3.1 | 2.7 | 2.4 |

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%.

For further information concerning all counties receiving this report, contact the Tehama Co. Farm Advisor's office at (530) 527-3101 or the Glenn Co. Farm Advisor's office at (530) 865-1153.

This same information and source is now available in the ET Reports section of the sacvalleyorchards.com website. Same information, just in a different format.