

ETc Table for Irrigation Scheduling and Design

Zone 6 Monthly Evapotranspiration

Drip/Micro Irrigation Dry Year

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Table does not include adjustments for bare spots and reduced vigor

| | 1999 (Dry Year) | | | | | |
|--|-----------------|----------|--------|--------|--------|--------|
| | January | February | March | April | May | June |
| | inches | inches | inches | inches | inches | inches |
| Precipitation | 2.31 | 2.02 | 1.87 | 1.21 | 0.31 | 0.16 |
| Grass Reference ETo | 2.03 | 2.34 | 3.35 | 4.53 | 5.44 | 5.91 |
| Apple, Pear, Cherry, Plum and Prune | 0.92 | 1.88 | 1.95 | 2.2 | 2.56 | 4.65 |
| Apples, Plums, Cherries etc w/covercrop | 1.55 | 2.53 | 3.49 | 4.81 | 4.75 | 5.2 |
| Peach, Nectarine and Apricots | 0.92 | 1.88 | 2.03 | 2.39 | 2.72 | 4.4 |
| Immature Peaches, Nectarines, etc | 0.93 | 1.89 | 1.87 | 1.9 | 1.58 | 2.36 |
| Almonds | 0.92 | 1.88 | 2.04 | 2.78 | 3.88 | 4.92 |
| Almonds w/covercrop | 1.7 | 2.74 | 3.53 | 4.53 | 5.02 | 5.82 |
| Immature Almonds | 0.93 | 1.89 | 1.87 | 2.08 | 2.23 | 2.76 |
| Walnuts | 0.92 | 1.88 | 1.85 | 2.31 | 2.26 | 4.24 |
| Pistachio | 0.92 | 1.88 | 1.69 | 2.16 | 1.84 | 4.02 |
| Pistachio w/ covercrop | 1.77 | 2.75 | 3.42 | 4.18 | 3.86 | 5.08 |
| Immature Pistachio | 0.93 | 1.89 | 1.69 | 1.78 | 1.11 | 2.36 |
| Misc. Deciduous | 0.92 | 1.88 | 1.69 | 1.98 | 1.67 | 3.72 |
| Cotton | 0.94 | 1.89 | 2.21 | 1.99 | 1.48 | 4.81 |
| Misc. field crops | 0.94 | 1.89 | 2.72 | 2.14 | 2.06 | 5.68 |
| Small Vegetables | 1.14 | 2.5 | 3.8 | 3.08 | 3.18 | 5.84 |
| Tomatoes and Peppers | 0.94 | 1.89 | 2.1 | 1.92 | 2.93 | 6.29 |
| Potatoes, Sugar beets, Turnip etc.. | 1.63 | 2.16 | 2.76 | 4.98 | 6.01 | 6.52 |
| Melons, Squash, and Cucumbers | 0.94 | 1.89 | 1.7 | 1.39 | 1.07 | 1.07 |
| Onions and Garlic | 1.18 | 2.58 | 3.45 | 4.33 | 3.88 | 0.96 |
| Strawberries | 0.94 | 1.89 | 2.72 | 2.14 | 2.06 | 5.68 |
| Flowers, Nursery and Christmas Tree | 0.92 | 1.88 | 1.69 | 1.98 | 1.67 | 3.72 |
| Citrus (no ground cover) | 1.92 | 2.77 | 3.69 | 4.32 | 3.55 | 3.64 |
| Immature Citrus | 1.37 | 2.41 | 2.69 | 2.87 | 1.86 | 1.93 |
| Avocado | 0.92 | 1.88 | 1.69 | 1.98 | 1.67 | 3.72 |
| Misc Subtropical | 0.92 | 1.88 | 1.69 | 1.98 | 1.67 | 3.72 |
| Grape Vines with 40% canopy | 0.93 | 1.89 | 2.03 | 2.7 | 2.51 | 2.57 |
| Grape Vines with cover crop (40% canopy) | 1.35 | 2.48 | 2.91 | 3.3 | 2.9 | 2.99 |
| Grape Vines with 60% canopy | 0.93 | 1.89 | 2.03 | 3.13 | 3.52 | 3.7 |

| | July | August | Sept | October | Nov | Dec | Annual |
|--|--------|--------|--------|---------|--------|--------|--------|
| | inches | inches | inches | inches | inches | inches | inches |
| Precipitation | 0.08 | 0.02 | 0 | 0.19 | 0.58 | 0.2 | 8.93 |
| Grass Reference ETo | 6.52 | 5.79 | 4.27 | 3.98 | 2.05 | 2.35 | 48.56 |
| Apple, Pear, Cherry, Plum and Prune | 5.66 | 4.96 | 3.54 | 2.93 | 0.54 | 0.21 | 32 |
| Apples, Plums, Cherries etc w/covercrop | 5.65 | 5.01 | 3.61 | 3.14 | 1.89 | 1.61 | 43.23 |
| Peach, Nectarine and Apricots | 5.29 | 4.73 | 3.38 | 2.69 | 0.54 | 0.21 | 31.18 |
| Immature Peaches, Nectarines, etc | 2.93 | 2.5 | 1.75 | 1.66 | 0.53 | 0.21 | 20.1 |
| Almonds | 5.35 | 4.72 | 3.44 | 3 | 1.17 | 0.22 | 34.31 |
| Almonds w/covercrop | 6.36 | 5.56 | 4.13 | 3.28 | 1.73 | 1.53 | 45.93 |
| Immature Almonds | 2.88 | 2.56 | 1.9 | 1.65 | 0.91 | 0.22 | 21.87 |
| Walnuts | 6.25 | 5.6 | 4.05 | 3 | 1.24 | 0.22 | 33.82 |
| Pistachio | 6.22 | 5.91 | 4.25 | 3.34 | 1.22 | 0.22 | 33.68 |
| Pistachio w/ covercrop | 6.44 | 5.89 | 4.36 | 3.59 | 1.86 | 1.63 | 44.83 |
| Immature Pistachio | 3.56 | 3.35 | 2.48 | 1.95 | 0.9 | 0.21 | 22.22 |
| Misc. Deciduous | 5.39 | 4.78 | 3.54 | 2.92 | 0.69 | 0.21 | 29.39 |
| Cotton | 6.9 | 5.62 | 1.31 | 0.2 | 0.53 | 0.21 | 28.09 |
| Misc. field crops | 6.23 | 2.15 | 0 | 0.19 | 0.53 | 0.21 | 24.72 |
| Small Vegetables | 1.29 | 0.02 | 0 | 0.19 | 0.53 | 0.85 | 22.41 |
| Tomatoes and Peppers | 5.99 | 0.6 | 0 | 0.19 | 0.53 | 0.21 | 23.58 |
| Potatoes, Sugar beets, Turnip etc.. | 5.98 | 0.09 | 0 | 0.19 | 0.53 | 0.21 | 31.05 |
| Melons, Squash, and Cucumbers | 3.71 | 4.4 | 1.2 | 0.19 | 0.53 | 0.21 | 18.28 |
| Onions and Garlic | 0.08 | 0.02 | 0 | 0.19 | 1.16 | 0.57 | 18.39 |
| Strawberries | 6.23 | 2.15 | 0 | 0.19 | 0.53 | 0.21 | 24.72 |
| Flowers, Nursery and Christmas Tree | 5.39 | 4.78 | 3.54 | 2.92 | 0.69 | 0.21 | 29.39 |
| Citrus (no ground cover) | 3.88 | 3.42 | 2.41 | 2.55 | 1.64 | 1.73 | 35.52 |
| Immature Citrus | 2.04 | 1.67 | 1.27 | 1.39 | 1.11 | 1.05 | 21.65 |
| Avocado | 5.39 | 4.78 | 3.54 | 2.92 | 0.69 | 0.21 | 29.39 |
| Misc Subtropical | 5.39 | 4.78 | 3.54 | 2.92 | 0.69 | 0.21 | 29.39 |
| Grape Vines with 40% canopy | 2.58 | 1.74 | 0.86 | 0.21 | 0.52 | 0.21 | 18.75 |
| Grape Vines with cover crop (40% canopy) | 3.11 | 2.51 | 1.71 | 1.51 | 1.1 | 0.82 | 26.67 |
| Grape Vines with 60% canopy | 3.76 | 2.49 | 1.19 | 0.22 | 0.52 | 0.21 | 23.59 |