

ETc Table for Irrigation Scheduling and Design

Zone 16 Monthly Evapotranspiration

Drip/Micro Irrigation Wet Year

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Table does not include adjustments for bare spots and reduced vigor

| | 1998 (Wet Year) | | | | | | |
|--|-----------------|----------|--------|--------|--------|--------|--------|
| | January | February | March | April | May | June | July |
| | inches | inches | inches | inches | inches | inches | inches |
| Precipitation | 6.3 | 4.93 | 2.67 | 0.98 | 3.33 | 0.83 | 0.01 |
| Grass Reference ETo | 0.92 | 1.25 | 2.97 | 4.78 | 5.2 | 6.93 | 8.43 |
| Apple, Pear, Cherry, Plum and Prune | 0.94 | 1.37 | 1.78 | 4.3 | 5.72 | 6.89 | 7.56 |
| Apples, Plums, Cherries etc w/covercrop | 0.98 | 1.4 | 3.31 | 5.25 | 5.81 | 7.96 | 9.77 |
| Peach, Nectarine and Apricots | 0.94 | 1.37 | 1.65 | 3.52 | 5.73 | 6.7 | 7.29 |
| Immature Peaches, Nectarines, etc | 0.96 | 1.38 | 1.54 | 2.59 | 4.57 | 4.61 | 4.53 |
| Almonds | 0.94 | 1.38 | 1.97 | 4.86 | 5.58 | 6.9 | 7.44 |
| Almonds w/covercrop | 0.99 | 1.4 | 3.09 | 5.37 | 5.82 | 7.54 | 8.76 |
| Immature Almonds | 0.96 | 1.4 | 1.76 | 3.44 | 4.78 | 4.58 | 4.69 |
| Walnuts | 0.94 | 1.36 | 1.89 | 3.59 | 5.94 | 7.51 | 8.75 |
| Pistachio | 0.94 | 1.37 | 1.41 | 2.51 | 4.33 | 5.9 | 8.72 |
| Pistachio w/ covercrop | 0.99 | 1.4 | 3.02 | 4.29 | 5.3 | 7.26 | 9.18 |
| Immature Pistachio | 0.96 | 1.38 | 1.42 | 2.06 | 3.54 | 4.1 | 5.58 |
| Misc. Deciduous | 0.94 | 1.37 | 1.78 | 4.19 | 5.62 | 6.63 | 7.2 |
| Cotton | 1.01 | 1.43 | 1.44 | 1.62 | 3.39 | 4.83 | 9.21 |
| Misc. field crops | 1.01 | 1.43 | 2.07 | 2.64 | 4.14 | 6.96 | 8.28 |
| Small Vegetables | 1.05 | 1.46 | 3 | 5.08 | 3 | 0.87 | 0.01 |
| Tomatoes and Peppers | 1.01 | 1.43 | 2.04 | 2.19 | 4.58 | 7.61 | 7.44 |
| Potatoes, Sugar beets, Turnip etc.. | 1.01 | 1.45 | 2.38 | 5.37 | 5.88 | 7.54 | 7.65 |
| Melons, Squash, and Cucumbers | 1.01 | 1.43 | 1.44 | 1.62 | 3.13 | 1.59 | 4.4 |
| Onions and Garlic | 1.04 | 1.47 | 3.05 | 4.54 | 4.7 | 1.67 | 0.01 |
| Strawberries | 1.01 | 1.43 | 2.07 | 2.64 | 4.14 | 6.96 | 8.28 |
| Flowers, Nursery and Christmas Tree | 0.94 | 1.37 | 1.78 | 4.19 | 5.62 | 6.63 | 7.2 |
| Citrus (no ground cover) | 0.99 | 1.4 | 3.11 | 4.53 | 5.48 | 5.71 | 5.68 |
| Immature Citrus | 1 | 1.41 | 2.27 | 3.28 | 4.29 | 3.73 | 3.59 |
| Misc Subtropical | 0.94 | 1.37 | 1.78 | 4.19 | 5.62 | 6.63 | 7.2 |
| Grape Vines with 80% canopy | 0.96 | 1.38 | 1.59 | 2.7 | 5.02 | 5.83 | 6.36 |
| Grape Vines with cover crop (80% canopy) | 0.98 | 1.42 | 2.77 | 4.02 | 5.33 | 6.63 | 7.11 |
| Immature Grapes Vines with 50% canopy | 0.97 | 1.4 | 1.54 | 2.28 | 4.03 | 4.07 | 4.07 |

| | August | September | October | November | December | Annual |
|--|--------|-----------|---------|----------|----------|--------|
| | inches | inches | inches | inches | inches | inches |
| Precipitation | 0.01 | 0.16 | 0.29 | 0.56 | 0.41 | 20.47 |
| Grass Reference ETo | 8 | 5.51 | 3.89 | 1.6 | 1.16 | 50.63 |
| Apple, Pear, Cherry, Plum and Prune | 7.41 | 4.75 | 2.43 | 0.48 | 0.46 | 44.1 |
| Apples, Plums, Cherries etc w/covercrop | 9.14 | 5.98 | 3.35 | 1.47 | 1.1 | 55.54 |
| Peach, Nectarine and Apricots | 6.89 | 4.61 | 2.22 | 0.48 | 0.46 | 41.86 |
| Immature Peaches, Nectarines, etc | 4.43 | 2.86 | 1.33 | 0.48 | 0.46 | 29.75 |
| Almonds | 7.1 | 4.58 | 2.32 | 0.48 | 0.46 | 44.01 |
| Almonds w/covercrop | 8.15 | 5.15 | 2.93 | 1.2 | 0.96 | 51.35 |
| Immature Almonds | 4.39 | 2.82 | 1.38 | 0.48 | 0.46 | 31.15 |
| Walnuts | 8.43 | 5.03 | 2.34 | 0.59 | 0.47 | 46.84 |
| Pistachio | 8.32 | 5.39 | 2.42 | 0.61 | 0.47 | 42.4 |
| Pistachio w/ covercrop | 8.74 | 5.71 | 3.52 | 1.37 | 1.05 | 51.82 |
| Immature Pistachio | 5.38 | 3.49 | 1.76 | 0.55 | 0.47 | 30.7 |
| Misc. Deciduous | 6.95 | 4.66 | 2.34 | 0.48 | 0.46 | 42.61 |
| Cotton | 9.03 | 5.75 | 2.03 | 0.48 | 0.46 | 40.67 |
| Misc. field crops | 3.42 | 0.14 | 0.24 | 0.48 | 0.46 | 31.27 |
| Small Vegetables | 1.14 | 1.36 | 0.95 | 1.27 | 1.2 | 20.39 |
| Tomatoes and Peppers | 0.71 | 0.14 | 0.24 | 0.48 | 0.46 | 28.34 |
| Potatoes, Sugar beets, Turnip etc.. | 0.1 | 0.14 | 0.24 | 0.48 | 0.46 | 32.71 |
| Melons, Squash, and Cucumbers | 5.77 | 1.7 | 0.24 | 0.48 | 0.46 | 23.27 |
| Onions and Garlic | 0.01 | 0.14 | 0.24 | 1.18 | 0.65 | 18.7 |
| Strawberries | 3.42 | 0.14 | 0.24 | 0.48 | 0.46 | 31.27 |
| Flowers, Nursery and Christmas Tree | 6.95 | 4.66 | 2.34 | 0.48 | 0.46 | 42.61 |
| Citrus (no ground cover) | 5.3 | 3.85 | 2.78 | 1.5 | 1.22 | 41.54 |
| Immature Citrus | 3.34 | 2.4 | 1.81 | 1.07 | 0.85 | 29.03 |
| Misc Subtropical | 6.95 | 4.66 | 2.34 | 0.48 | 0.46 | 42.61 |
| Grape Vines with 80% canopy | 5.36 | 2.81 | 0.25 | 0.48 | 0.46 | 33.21 |
| Grape Vines with cover crop (80% canopy) | 6.22 | 3.72 | 1.98 | 1.04 | 0.84 | 42.07 |
| Immature Grapes Vines with 50% canopy | 3.41 | 1.71 | 0.32 | 0.48 | 0.46 | 24.75 |