

ETc Table for Irrigation Scheduling and Design

Zone 13 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 | 8.8 | 9.21 | 3.72 | 2.76 | 3.33 | 1.22 | 0.08 |
| Grass Reference ETo | 1.01 | 0.99 | 2.74 | 3.84 | 3.92 | 5.85 | 8.24 |
| Apple, Pear, Cherry, Plum and Prune | 1.09 | 1.15 | 2.14 | 3.7 | 4.47 | 6.24 | 8.09 |
| Apples, Plums, Cherries etc w/covercrop | 1.24 | 1.15 | 3.25 | 4.5 | 4.64 | 7.06 | 10.01 |
| Almonds | 1.09 | 1.15 | 2.23 | 3.92 | 4.48 | 6.11 | 7.69 |
| Almonds w/covercrop | 1.23 | 1.15 | 3.09 | 4.53 | 4.59 | 6.65 | 8.92 |
| Immature Almonds | 1.09 | 1.15 | 2.13 | 3.14 | 3.93 | 4.38 | 4.66 |
| Walnuts | 1.09 | 1.14 | 2.2 | 3.24 | 4.42 | 6.76 | 9.29 |
| Pistachio | 1.09 | 1.15 | 1.94 | 2.78 | 3.72 | 5.83 | 9.05 |
| Pistachio w/ covercrop | 1.24 | 1.15 | 3.09 | 3.9 | 4.36 | 6.57 | 9.39 |
| Immature Pistachio | 1.09 | 1.15 | 1.94 | 2.5 | 3.32 | 4.07 | 5.4 |
| Misc. Deciduous | 1.09 | 1.15 | 2.14 | 3.64 | 4.44 | 6.1 | 7.66 |
| Cotton | 1.09 | 1.17 | 1.92 | 2.2 | 3.26 | 4.62 | 8.7 |
| Misc. field crops | 1.09 | 1.17 | 2.18 | 2.66 | 3.6 | 6 | 8 |
| Small Vegetables | 1.17 | 1.18 | 2.98 | 4.22 | 3.13 | 1.38 | 0.09 |
| Strawberries | 1.09 | 1.17 | 2.18 | 2.66 | 3.6 | 6 | 8 |
| Flowers, Nursery and Christmas Tree | 1.09 | 1.15 | 2.14 | 3.64 | 4.44 | 6.1 | 7.66 |
| Grape Vines with 80% canopy | 1.09 | 1.15 | 1.94 | 2.73 | 3.92 | 5.53 | 6.83 |
| Grape Vines with cover crop (80% canopy) | 1.22 | 1.16 | 2.95 | 3.69 | 4.33 | 6.1 | 7.55 |
| Immature Grapes Vines with 50% canopy | 1.09 | 1.16 | 1.93 | 2.55 | 3.48 | 4 | 4.15 |

| | August inches | September inches | October inches | November inches | December inches | Annual inches |
|--|------------------|---------------------|-------------------|--------------------|--------------------|------------------|
| Precipitation | 0 | 0.77 | 0.63 | 3.94 | 1.2 | 35.65 |
| Grass Reference ETo | 8.25 | 4.86 | 3.41 | 1.21 | 1.01 | 45.33 |
| Apple, Pear, Cherry, Plum and Prune | 8.11 | 4.72 | 2.63 | 1.27 | 1.02 | 44.62 |
| Apples, Plums, Cherries etc w/covercrop | 10.12 | 5.73 | 3.53 | 1.41 | 1.2 | 53.84 |
| Almonds | 7.64 | 4.54 | 2.53 | 1.27 | 1.02 | 43.66 |
| Almonds w/covercrop | 8.9 | 5.06 | 3.04 | 1.42 | 1.19 | 49.77 |
| Immature Almonds | 4.67 | 2.93 | 1.65 | 1.28 | 1.02 | 32.03 |
| Walnuts | 9.19 | 4.99 | 2.72 | 1.35 | 1.02 | 47.42 |
| Pistachio | 9.09 | 5.22 | 2.72 | 1.35 | 1.02 | 44.96 |
| Pistachio w/ covercrop | 9.53 | 5.55 | 3.53 | 1.43 | 1.19 | 50.93 |
| Immature Pistachio | 5.47 | 3.4 | 1.81 | 1.31 | 1.02 | 32.48 |
| Misc. Deciduous | 7.6 | 4.64 | 2.62 | 1.28 | 1.02 | 43.36 |
| Cotton | 9.11 | 4.98 | 1.79 | 1.27 | 1.03 | 41.15 |
| Misc. field crops | 2.99 | 0.63 | 0.56 | 1.27 | 1.03 | 31.18 |
| Small Vegetables | 1.15 | 1.37 | 1.31 | 1.36 | 1.18 | 20.5 |
| Strawberries | 2.99 | 0.63 | 0.56 | 1.27 | 1.03 | 31.18 |
| Flowers, Nursery and Christmas Tree | 7.6 | 4.64 | 2.62 | 1.28 | 1.02 | 43.36 |
| Grape Vines with 80% canopy | 6.03 | 3 | 0.66 | 1.27 | 1.02 | 35.17 |
| Grape Vines with cover crop (80% canopy) | 6.99 | 3.67 | 2.1 | 1.35 | 1.18 | 42.3 |
| Immature Grapes Vines with 50% canopy | 3.78 | 1.99 | 0.6 | 1.27 | 1.03 | 27.04 |