

ETc Table for Irrigation Scheduling and Design

Zone 4 Monthly Evapotranspiration

Sprinkler 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 | 5.87 | 15.74 | 3.31 | 1.44 | 2.46 | 0.06 | 0.04 |
| Grass Reference ETo | 1.12 | 1.51 | 3.23 | 4.41 | 4.82 | 5.2 | 6.16 |
| Apple, Pear, Cherry, Plum and Prune | 1.18 | 1.7 | 2.83 | 2.72 | 3.96 | 4.2 | 5.33 |
| Apples, Plums, Cherries etc w/covercrop | 1.22 | 1.7 | 3.72 | 4.72 | 5.08 | 5.4 | 6.5 |
| Peach, Nectarine and Apricots | 1.18 | 1.7 | 2.83 | 2.76 | 4.28 | 4.53 | 5.37 |
| Immature Peaches, Nectarines, etc | 1.21 | 1.72 | 2.76 | 2.24 | 3.03 | 2.26 | 3.13 |
| Walnuts | 1.18 | 1.7 | 2.68 | 2.57 | 3.33 | 3.7 | 5.98 |
| Misc. Deciduous | 1.18 | 1.7 | 3.1 | 3.05 | 4.5 | 4.27 | 5.31 |
| Grain and Grain Hay | 1.3 | 1.78 | 3.76 | 4.91 | 3.95 | 0.26 | 0.03 |
| Corn and Grain Sorghum | 1.27 | 1.78 | 3.18 | 2.49 | 3.04 | 4.41 | 6.72 |
| Misc. field crops | 1.27 | 1.78 | 2.82 | 2.83 | 4.67 | 4.94 | 5.71 |
| Alfalfa Hay and Clover | 1.3 | 1.77 | 3.72 | 3.83 | 5.39 | 5.46 | 4.83 |
| Pasture and Misc. Grasses | 1.27 | 1.78 | 3.62 | 4.36 | 5.17 | 4.97 | 5.82 |
| Small Vegetables | 1.27 | 1.78 | 3.64 | 4.18 | 4.11 | 4.94 | 2.2 |
| Tomatoes and Peppers | 1.27 | 1.78 | 3.02 | 3.51 | 5.08 | 5.51 | 6.35 |
| Melons, Squash, and Cucumbers | 1.27 | 1.78 | 2.8 | 3.27 | 5.11 | 5.13 | 2.56 |
| Onions and Garlic | 1.29 | 1.78 | 3.62 | 4.44 | 4.78 | 1.91 | 0.03 |
| Strawberries | 1.27 | 1.78 | 2.82 | 2.83 | 4.67 | 4.94 | 5.71 |
| Flowers, Nursery and Christmas Tree | 1.18 | 1.7 | 3.1 | 3.05 | 4.5 | 4.27 | 5.31 |
| Citrus (no ground cover) | 1.21 | 1.7 | 3.7 | 4.25 | 4.8 | 3.79 | 4.39 |
| Immature Citrus | 1.23 | 1.72 | 3.36 | 2.93 | 3.27 | 2.45 | 1.94 |
| Avocado | 1.18 | 1.7 | 3.1 | 3.05 | 4.5 | 4.27 | 5.31 |
| Misc Subtropical | 1.18 | 1.7 | 3.1 | 3.05 | 4.5 | 4.27 | 5.31 |

| | August | September | October | November | December | Annual |
|---|--------|-----------|---------|----------|----------|--------|
| | inches | inches | inches | inches | inches | inches |
| Precipitation | 0.07 | 0.22 | 0.46 | 2.28 | 1.31 | 33.26 |
| Grass Reference ETo | 6.09 | 4 | 3.22 | 1.61 | 1.54 | 42.9 |
| Apple, Pear, Cherry, Plum and Prune | 5.13 | 3.55 | 2.44 | 1.35 | 1.12 | 35.52 |
| Apples, Plums, Cherries etc w/covercrop | 6.48 | 4.3 | 3.16 | 1.62 | 1.77 | 45.67 |
| Peach, Nectarine and Apricots | 5.25 | 3.37 | 2.84 | 1.35 | 1.12 | 36.59 |
| Immature Peaches, Nectarines, etc | 3.29 | 2.29 | 1.65 | 1.32 | 1.12 | 26.01 |
| Walnuts | 6.16 | 4.02 | 3.14 | 1.7 | 1.12 | 37.29 |
| Misc. Deciduous | 4.88 | 3.31 | 2.81 | 1.65 | 1.12 | 36.87 |
| Grain and Grain Hay | 0.07 | 0.18 | 1.1 | 1.26 | 1.46 | 20.05 |
| Corn and Grain Sorghum | 5.79 | 0.93 | 0.4 | 1.18 | 1.13 | 32.34 |
| Misc. field crops | 2.51 | 0.18 | 0.4 | 1.18 | 1.13 | 29.43 |
| Alfalfa Hay and Clover | 5.01 | 3.95 | 3.49 | 1.61 | 1.67 | 42.03 |
| Pasture and Misc. Grasses | 5.75 | 3.81 | 3.16 | 1.8 | 1.13 | 42.65 |
| Small Vegetables | 0.07 | 0.18 | 0.4 | 1.18 | 1.13 | 25.09 |
| Tomatoes and Peppers | 2.43 | 0.18 | 0.4 | 1.18 | 1.13 | 31.84 |
| Melons, Squash, and Cucumbers | 0.07 | 0.18 | 0.4 | 1.18 | 1.13 | 24.89 |
| Onions and Garlic | 0.07 | 0.18 | 0.4 | 1.62 | 1.34 | 21.46 |
| Strawberries | 2.51 | 0.18 | 0.4 | 1.18 | 1.13 | 29.43 |
| Flowers, Nursery and Christmas Tree | 4.88 | 3.31 | 2.81 | 1.65 | 1.12 | 36.87 |
| Citrus (no ground cover) | 4.27 | 2.97 | 2.58 | 1.69 | 1.74 | 37.11 |
| Immature Citrus | 2.42 | 1.67 | 1.55 | 1.47 | 1.47 | 25.48 |
| Avocado | 4.88 | 3.31 | 2.81 | 1.65 | 1.12 | 36.87 |
| Misc Subtropical | 4.88 | 3.31 | 2.81 | 1.65 | 1.12 | 36.87 |