

ETc Table for Irrigation Scheduling and Design

Zone 3 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 | 1.65 | 7.3 | 2.74 | 1.11 | 1.59 | 0.35 | 0.02 |
| Grass Reference ETo | 0.93 | 1.37 | 3.13 | 4.73 | 5.39 | 7.11 | 8.52 |
| Apple, Pear, Cherry, Plum and Prune | 1.04 | 1.24 | 2.48 | 3.02 | 3.45 | 3.83 | 4.68 |
| Apples, Plums, Cherries etc w/covercrop | 1.07 | 1.27 | 3.3 | 4.49 | 4.56 | 4.71 | 5.75 |
| Peach, Nectarine and Apricots | 1.04 | 1.24 | 2.48 | 3.06 | 3.78 | 4.08 | 4.84 |
| Immature Peaches, Nectarines, etc | 1.06 | 1.26 | 2.38 | 2.62 | 2.55 | 2.32 | 2.78 |
| Almonds | 1.04 | 1.24 | 2.48 | 2.97 | 3.27 | 3.59 | 4.65 |
| Almonds w/covercrop | 1.07 | 1.27 | 3.27 | 4.13 | 4.29 | 4.51 | 5.13 |
| Immature Almonds | 1.06 | 1.26 | 2.38 | 2.61 | 2.51 | 2.54 | 3.14 |
| Walnuts | 1.04 | 1.24 | 2.26 | 2.88 | 2.85 | 3.47 | 5.21 |
| Misc. Deciduous | 1.04 | 1.24 | 2.71 | 3.32 | 3.98 | 3.89 | 4.65 |
| Grain and Grain Hay | 1.13 | 1.34 | 3.36 | 4.73 | 3.26 | 0.39 | 0.03 |
| Corn and Grain Sorghum | 1.11 | 1.31 | 2.67 | 2.64 | 2.59 | 4.05 | 5.97 |
| Misc. field crops | 1.11 | 1.31 | 2.44 | 3.17 | 4.15 | 4.37 | 5.14 |
| Alfalfa Hay and Clover | 1.14 | 1.33 | 3.29 | 3.92 | 4.74 | 5.01 | 4.3 |
| Pasture and Misc. Grasses | 1.11 | 1.34 | 3.22 | 4.34 | 4.54 | 4.42 | 5.19 |
| Small Vegetables | 1.11 | 1.34 | 3.18 | 4.19 | 3.69 | 4.39 | 1.91 |
| Tomatoes and Peppers | 1.11 | 1.31 | 2.62 | 3.7 | 4.53 | 4.9 | 5.59 |
| Potatoes, Sugar beets, Turnip etc.. | 1.11 | 1.31 | 2.58 | 2.6 | 2.37 | 2.71 | 5.37 |
| Melons, Squash, and Cucumbers | 1.11 | 1.31 | 2.42 | 3.53 | 4.51 | 4.58 | 2.3 |
| Onions and Garlic | 1.13 | 1.34 | 3.22 | 4.36 | 4.18 | 1.8 | 0.03 |
| Strawberries | 1.11 | 1.31 | 2.44 | 3.17 | 4.15 | 4.37 | 5.14 |
| Flowers, Nursery and Christmas Tree | 1.04 | 1.24 | 2.71 | 3.32 | 3.98 | 3.89 | 4.65 |
| Citrus (no ground cover) | 1.07 | 1.27 | 3.28 | 4.15 | 4.27 | 3.43 | 3.83 |
| Immature Citrus | 1.07 | 1.28 | 2.98 | 3.16 | 3.03 | 2.09 | 1.82 |
| Avocado | 1.04 | 1.24 | 2.71 | 3.32 | 3.98 | 3.89 | 4.65 |
| Misc Subtropical | 1.04 | 1.24 | 2.71 | 3.32 | 3.98 | 3.89 | 4.65 |

| | August inches | September inches | October inches | November inches | December inches | Annual inches |
|---|------------------|---------------------|-------------------|--------------------|--------------------|------------------|
| Precipitation | 0 | 0.15 | 0.76 | 0.88 | 0.7 | 17.25 |
| Grass Reference ETo | 7.69 | 5.3 | 3.61 | 1.6 | 1.2 | 50.58 |
| Apple, Pear, Cherry, Plum and Prune | 4.45 | 3.2 | 2.45 | 1.21 | 0.93 | 31.98 |
| Apples, Plums, Cherries etc w/covercrop | 5.7 | 3.78 | 3.18 | 1.38 | 1.53 | 40.7 |
| Peach, Nectarine and Apricots | 4.43 | 3.04 | 2.67 | 1.24 | 0.93 | 32.82 |
| Immature Peaches, Nectarines, etc | 2.81 | 1.99 | 1.72 | 1.16 | 0.93 | 23.58 |
| Almonds | 4.38 | 3.26 | 2.37 | 1.34 | 0.93 | 31.51 |
| Almonds w/covercrop | 5.28 | 3.29 | 3 | 1.37 | 1.46 | 38.08 |
| Immature Almonds | 2.95 | 2.2 | 1.81 | 1.29 | 0.93 | 24.67 |
| Walnuts | 5.3 | 3.71 | 2.94 | 1.37 | 0.93 | 33.2 |
| Misc. Deciduous | 4.03 | 3.23 | 2.47 | 1.3 | 0.93 | 32.79 |
| Grain and Grain Hay | 0.05 | 0.08 | 1.15 | 1.19 | 1.24 | 17.95 |
| Corn and Grain Sorghum | 5.22 | 0.88 | 0.47 | 1.15 | 0.94 | 29 |
| Misc. field crops | 1.96 | 0.08 | 0.47 | 1.15 | 0.94 | 26.29 |
| Alfalfa Hay and Clover | 4.49 | 3.65 | 3.34 | 1.38 | 1.43 | 38.01 |
| Pasture and Misc. Grasses | 4.95 | 3.43 | 3 | 1.44 | 0.94 | 37.92 |
| Small Vegetables | 0.05 | 0.08 | 0.47 | 1.15 | 0.94 | 22.49 |
| Tomatoes and Peppers | 2.37 | 0.08 | 0.47 | 1.15 | 0.94 | 28.78 |
| Potatoes, Sugar beets, Turnip etc.. | 5.87 | 3.99 | 3.43 | 1.49 | 1.36 | 34.2 |
| Melons, Squash, and Cucumbers | 0.05 | 0.08 | 0.47 | 1.15 | 0.94 | 22.45 |
| Onions and Garlic | 0.05 | 0.08 | 0.47 | 1.41 | 1.13 | 19.19 |
| Strawberries | 1.96 | 0.08 | 0.47 | 1.15 | 0.94 | 26.29 |
| Flowers, Nursery and Christmas Tree | 4.03 | 3.23 | 2.47 | 1.3 | 0.93 | 32.79 |
| Citrus (no ground cover) | 3.85 | 2.54 | 2.43 | 1.35 | 1.46 | 32.93 |
| Immature Citrus | 2.04 | 1.39 | 1.64 | 1.26 | 1.23 | 22.98 |
| Avocado | 4.03 | 3.23 | 2.47 | 1.3 | 0.93 | 32.79 |
| Misc Subtropical | 4.03 | 3.23 | 2.47 | 1.3 | 0.93 | 32.79 |