

ETc Table for Irrigation District Water Balances

Zone 14 Monthly Evapotranspiration

Surface Irrigation Wet Year

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Table includes adjustments for bare spots and reduced vigor

| | 1998 (Wet Year) | | | | | | |
|--|-------------------|--------------------|-----------------|-----------------|---------------|----------------|----------------|
| | January inches | February inches | March inches | April inches | May inches | June inches | July inches |
| Precipitation | 6.55 | 12.07 | 2.76 | 1.9 | 3.75 | 0.48 | 0.02 |
| Grass Reference ETo | 0.41 | 0.87 | 2.9 | 4.3 | 4.13 | 6.63 | 7.87 |
| Apple, Pear, Cherry, Plum and Prune | 0.4 | 0.89 | 2.26 | 3.58 | 4.34 | 6.27 | 6.85 |
| Apples, Plums, Cherries etc w/covercrop | 0.41 | 0.9 | 3.17 | 4.5 | 4.37 | 7.23 | 8.35 |
| Peach, Nectarine and Apricots | 0.4 | 0.89 | 2.25 | 3.4 | 4.31 | 6.34 | 6.97 |
| Immature Peaches, Nectarines, etc | 0.41 | 0.9 | 2.16 | 2.67 | 3.6 | 4.13 | 4.21 |
| Almonds | 0.4 | 0.89 | 2.38 | 3.89 | 4.31 | 6.12 | 6.51 |
| Almonds w/covercrop | 0.41 | 0.9 | 3.14 | 4.55 | 4.34 | 6.8 | 7.74 |
| Immature Almonds | 0.41 | 0.9 | 2.27 | 2.98 | 3.77 | 4.35 | 4.77 |
| Walnuts | 0.39 | 0.88 | 2.33 | 3.05 | 4.36 | 6.93 | 8.13 |
| Pistachio | 0.4 | 0.89 | 2.06 | 2.62 | 3.4 | 5.44 | 7.57 |
| Pistachio w/ covercrop | 0.41 | 0.9 | 3.14 | 3.93 | 4.24 | 6.74 | 8.32 |
| Immature Pistachio | 0.41 | 0.9 | 2.05 | 2.26 | 2.92 | 3.39 | 5.3 |
| Misc. Deciduous | 0.4 | 0.89 | 2.26 | 3.51 | 4.3 | 6.01 | 6.52 |
| Grain and Grain Hay | 0.43 | 0.94 | 3.14 | 4.54 | 3.17 | 0.73 | 0.02 |
| Rice | 0.43 | 0.93 | 2.05 | 2.26 | 4.44 | 7.4 | 8.97 |
| Cotton | 0.43 | 0.93 | 2.04 | 1.91 | 2.86 | 4.16 | 7.63 |
| Safflower and Sunflower | 0.43 | 0.93 | 2.54 | 4.49 | 4.47 | 6.33 | 1.32 |
| Corn and Grain Sorghum | 0.43 | 0.93 | 2.42 | 2.62 | 3.27 | 5.86 | 7.59 |
| Misc. field crops | 0.43 | 0.93 | 2.42 | 2.62 | 3.27 | 6.1 | 6.99 |
| Alfalfa Hay and Clover | 0.43 | 0.94 | 3.1 | 4.69 | 4.58 | 6.24 | 6.57 |
| Pasture and Misc. Grasses | 0.43 | 0.94 | 2.93 | 4.07 | 4.29 | 6.19 | 7.24 |
| Small Vegetables | 0.44 | 0.94 | 2.92 | 4.37 | 2.76 | 0.65 | 0.02 |
| Tomatoes and Peppers | 0.43 | 0.93 | 2.4 | 2.39 | 3.57 | 6.56 | 6.88 |
| Potatoes, Sugar beets, Turnip etc.. | 0.43 | 0.93 | 2.66 | 4.55 | 4.31 | 6.84 | 6.84 |
| Melons, Squash, and Cucumbers | 0.43 | 0.93 | 2.04 | 1.91 | 2.47 | 1.35 | 4.53 |
| Onions and Garlic | 0.43 | 0.94 | 2.99 | 4.04 | 3.65 | 1.73 | 0.02 |
| Strawberries | 0.43 | 0.93 | 2.42 | 2.62 | 3.27 | 6.1 | 6.99 |
| Flowers, Nursery and Christmas Tree | 0.4 | 0.89 | 2.26 | 3.51 | 4.3 | 6.01 | 6.52 |
| Citrus (no ground cover) | 0.41 | 0.9 | 3.16 | 4.08 | 4.18 | 5.2 | 5.17 |
| Immature Citrus | 0.41 | 0.91 | 2.74 | 3.08 | 3.59 | 3.29 | 3.3 |
| Avocado | 0.4 | 0.89 | 2.26 | 3.51 | 4.3 | 6.01 | 6.52 |
| Misc Subtropical | 0.4 | 0.89 | 2.26 | 3.51 | 4.3 | 6.01 | 6.52 |
| Grape Vines with 80% canopy | 0.41 | 0.9 | 2.1 | 2.53 | 3.69 | 5.25 | 5.94 |
| Grape Vines with cover crop (80% canopy) | 0.41 | 0.91 | 3.06 | 3.72 | 4.19 | 6.13 | 6.5 |
| Immature Grapes Vines with 50% canopy | 0.41 | 0.91 | 2.08 | 2.31 | 3.13 | 3.71 | 4.25 |
| Idle | 0.44 | 0.94 | 2.04 | 1.92 | 2.37 | 0.65 | 0.02 |

| | August inches | September inches | October inches | November inches | December inches | Annual inches |
|--|------------------|---------------------|-------------------|--------------------|--------------------|------------------|
| Precipitation | 0.01 | 0.35 | 1.14 | 3.94 | 1.21 | 34.2 |
| Grass Reference ETo | 7.21 | 5.01 | 3.86 | 1.19 | 1.17 | 45.55 |
| Apple, Pear, Cherry, Plum and Prune | 6.44 | 4.34 | 2.8 | 1.01 | 1.01 | 40.19 |
| Apples, Plums, Cherries etc w/covercrop | 7.77 | 5.2 | 3.61 | 1.23 | 1.27 | 48.01 |
| Peach, Nectarine and Apricots | 6.36 | 4.26 | 2.82 | 1.01 | 1.01 | 40.03 |
| Immature Peaches, Nectarines, etc | 4 | 2.89 | 1.8 | 1.02 | 1.02 | 28.79 |
| Almonds | 6.22 | 4.12 | 2.72 | 1.01 | 1.01 | 39.58 |
| Almonds w/covercrop | 7.04 | 4.63 | 3.19 | 1.21 | 1.25 | 45.18 |
| Immature Almonds | 4.56 | 3.02 | 2.08 | 1.02 | 1.02 | 31.15 |
| Walnuts | 7.37 | 4.83 | 2.84 | 1.1 | 1.01 | 43.23 |
| Pistachio | 7.01 | 4.76 | 2.8 | 1.1 | 1.01 | 39.06 |
| Pistachio w/ covercrop | 7.74 | 5.23 | 3.74 | 1.24 | 1.25 | 46.87 |
| Immature Pistachio | 4.83 | 3.34 | 2.12 | 1.06 | 1.02 | 29.6 |
| Misc. Deciduous | 6.23 | 4.23 | 2.65 | 1.01 | 1.01 | 39.02 |
| Grain and Grain Hay | 0.01 | 0.27 | 0.63 | 1.06 | 1.09 | 16.02 |
| Rice | 8.17 | 2.62 | 0.63 | 1.05 | 1.02 | 39.97 |
| Cotton | 7.32 | 4.81 | 2.36 | 1.05 | 1.02 | 36.53 |
| Safflower and Sunflower | 0.01 | 0.27 | 0.63 | 1.05 | 1.02 | 23.49 |
| Corn and Grain Sorghum | 4.89 | 0.54 | 0.63 | 1.05 | 1.02 | 31.24 |
| Misc. field crops | 2.66 | 0.27 | 0.63 | 1.05 | 1.02 | 28.39 |
| Alfalfa Hay and Clover | 5.93 | 4.09 | 2.08 | 1.21 | 1.26 | 41.11 |
| Pasture and Misc. Grasses | 6.61 | 4.6 | 3.27 | 1.22 | 1.02 | 42.81 |
| Small Vegetables | 1 | 1.17 | 1.34 | 1.17 | 1.24 | 18.01 |
| Tomatoes and Peppers | 0.68 | 0.27 | 0.63 | 1.05 | 1.02 | 26.8 |
| Potatoes, Sugar beets, Turnip etc.. | 0.09 | 0.27 | 0.63 | 1.05 | 1.02 | 29.62 |
| Melons, Squash, and Cucumbers | 5.52 | 1.8 | 0.63 | 1.05 | 1.02 | 23.67 |
| Onions and Garlic | 0.01 | 0.27 | 0.63 | 1.26 | 1.1 | 17.06 |
| Strawberries | 2.66 | 0.27 | 0.63 | 1.05 | 1.02 | 28.39 |
| Flowers, Nursery and Christmas Tree | 6.23 | 4.23 | 2.65 | 1.01 | 1.01 | 39.02 |
| Citrus (no ground cover) | 4.71 | 3.38 | 3.07 | 1.24 | 1.27 | 36.75 |
| Immature Citrus | 2.89 | 2.17 | 2.1 | 1.15 | 1.16 | 26.78 |
| Avocado | 6.23 | 4.23 | 2.65 | 1.01 | 1.01 | 39.02 |
| Misc Subtropical | 6.23 | 4.23 | 2.65 | 1.01 | 1.01 | 39.02 |
| Grape Vines with 80% canopy | 4.89 | 2.52 | 0.67 | 1.02 | 1.02 | 30.93 |
| Grape Vines with cover crop (80% canopy) | 5.71 | 3.26 | 1.93 | 1.13 | 1.23 | 38.19 |
| Immature Grapes Vines with 50% canopy | 3.35 | 1.85 | 0.65 | 1.03 | 1.02 | 24.7 |
| Idle | 0.01 | 0.27 | 0.62 | 1.06 | 1.03 | 11.36 |