

ETc Table for Irrigation District Water Balances

Zone 8 Monthly Evapotranspiration

Sprinkler Irrigation Wet Year

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Table includes adjustments for bare spots and reduced vigor

|   | 1998 (Wet Year)   |                    |                 |                 |               |                |                |
|---|-------------------|--------------------|-----------------|-----------------|---------------|----------------|----------------|
|   | January<br>inches | February<br>inches | March<br>inches | April<br>inches | May<br>inches | June<br>inches | July<br>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     | 0.42              | 0.89               | 2.13            | 3.07            | 3.34          | 4.21           | 5.57           |
| Apples, Plums, Cherries etc w/covercrop | 0.42              | 0.92               | 2.82            | 4.27            | 4.13          | 5.22           | 6.74           |
| Peach, Nectarine and Apricots           | 0.42              | 0.89               | 2.13            | 3.12            | 3.63          | 4.52           | 5.61           |
| Immature Peaches, Nectarines, etc       | 0.43              | 0.91               | 2.04            | 2.73            | 2.6           | 2.3            | 3.57           |
| Almonds                                 | 0.42              | 0.89               | 2.13            | 3.02            | 3.18          | 3.87           | 5.57           |
| Almonds w/covercrop                     | 0.42              | 0.92               | 2.78            | 3.99            | 3.87          | 4.64           | 6.15           |
| Immature Almonds                        | 0.43              | 0.91               | 2.04            | 2.71            | 2.55          | 2.28           | 4.1            |
| Walnuts                                 | 0.42              | 0.89               | 1.94            | 2.94            | 2.79          | 3.67           | 6.14           |
| Misc. Deciduous                         | 0.42              | 0.89               | 2.3             | 3.4             | 3.79          | 4.41           | 5.41           |
| Grain and Grain Hay                     | 0.47              | 0.98               | 2.87            | 4.3             | 2.98          | 0.31           | 0              |
| Safflower and Sunflower                 | 0.47              | 0.96               | 2.39            | 4.33            | 4.32          | 4.81           | 1.15           |
| Corn and Grain Sorghum                  | 0.47              | 0.95               | 2.3             | 2.81            | 2.57          | 4.29           | 6.94           |
| Misc. field crops                       | 0.47              | 0.95               | 2.09            | 3.19            | 3.89          | 4.74           | 5.83           |
| Alfalfa Hay and Clover                  | 0.46              | 0.97               | 2.8             | 3.79            | 4.28          | 5.29           | 4.79           |
| Pasture and Misc. Grasses               | 0.47              | 0.98               | 2.73            | 4.11            | 4.03          | 4.71           | 5.92           |
| Small Vegetables                        | 0.47              | 0.97               | 2.74            | 3.75            | 3.24          | 4.66           | 2.2            |
| Tomatoes and Peppers                    | 0.47              | 0.95               | 2.22            | 3.62            | 4.21          | 5.26           | 6.31           |
| Potatoes, Sugar beets, Turnip etc..     | 0.47              | 0.95               | 2.2             | 2.71            | 2.37          | 2.74           | 5.95           |
| Melons, Squash, and Cucumbers           | 0.47              | 0.95               | 2.07            | 3.49            | 4.04          | 4.82           | 2.54           |
| Onions and Garlic                       | 0.47              | 0.98               | 2.75            | 4.08            | 3.71          | 2.01           | 0              |
| Strawberries                            | 0.47              | 0.95               | 2.09            | 3.19            | 3.89          | 4.74           | 5.83           |
| Flowers, Nursery and Christmas Tree     | 0.42              | 0.89               | 2.3             | 3.4             | 3.79          | 4.41           | 5.41           |
| Citrus (no ground cover)                | 0.42              | 0.92               | 2.8             | 4.07            | 3.9           | 3.89           | 4.97           |
| Immature Citrus                         | 0.43              | 0.93               | 2.55            | 3.31            | 2.92          | 2.5            | 2.72           |
| Avocado                                 | 0.42              | 0.89               | 2.3             | 3.4             | 3.79          | 4.41           | 5.41           |
| Misc Subtropical                        | 0.42              | 0.89               | 2.3             | 3.4             | 3.79          | 4.41           | 5.41           |

|   | August<br>inches | September<br>inches | October<br>inches | November<br>inches | December<br>inches | Annual<br>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     | 5.29             | 3.51                | 2.8               | 0.92               | 0.96               | 33.12            |
| Apples, Plums, Cherries etc w/covercrop | 6.51             | 4.32                | 3.2               | 0.93               | 1.15               | 40.64            |
| Peach, Nectarine and Apricots           | 5.32             | 3.5                 | 2.98              | 0.93               | 0.96               | 34.01            |
| Immature Peaches, Nectarines, etc       | 3.46             | 2.4                 | 1.9               | 0.86               | 0.97               | 24.17            |
| Almonds                                 | 5.29             | 3.49                | 2.9               | 0.98               | 0.96               | 32.7             |
| Almonds w/covercrop                     | 5.91             | 4                   | 3.2               | 0.97               | 1.14               | 37.99            |
| Immature Almonds                        | 3.72             | 2.64                | 2.2               | 0.92               | 0.97               | 25.46            |
| Walnuts                                 | 6.2              | 4.08                | 3.22              | 0.98               | 0.96               | 34.25            |
| Misc. Deciduous                         | 5.02             | 3.28                | 2.99              | 0.95               | 0.96               | 33.83            |
| Grain and Grain Hay                     | 0                | 0.07                | 1.1               | 0.85               | 1.1                | 15.04            |
| Safflower and Sunflower                 | 0                | 0.07                | 0.56              | 0.84               | 0.98               | 20.88            |
| Corn and Grain Sorghum                  | 5.79             | 0.82                | 0.56              | 0.84               | 0.98               | 29.3             |
| Misc. field crops                       | 2.09             | 0.06                | 0.56              | 0.84               | 0.98               | 25.68            |
| Alfalfa Hay and Clover                  | 4.84             | 4.07                | 3.45              | 0.97               | 1.16               | 36.86            |
| Pasture and Misc. Grasses               | 5.65             | 3.78                | 3.23              | 1.02               | 0.98               | 37.6             |
| Small Vegetables                        | 0                | 0.07                | 0.56              | 0.84               | 0.98               | 20.47            |
| Tomatoes and Peppers                    | 2.72             | 0.06                | 0.56              | 0.84               | 0.98               | 28.2             |
| Potatoes, Sugar beets, Turnip etc..     | 6.56             | 4.41                | 3.59              | 1.09               | 1.13               | 34.16            |
| Melons, Squash, and Cucumbers           | 0                | 0.07                | 0.56              | 0.84               | 0.98               | 20.83            |
| Onions and Garlic                       | 0                | 0.07                | 0.56              | 1.01               | 1.07               | 16.69            |
| Strawberries                            | 2.09             | 0.06                | 0.56              | 0.84               | 0.98               | 25.68            |
| Flowers, Nursery and Christmas Tree     | 5.02             | 3.28                | 2.99              | 0.95               | 0.96               | 33.83            |
| Citrus (no ground cover)                | 4.8              | 3.26                | 2.87              | 0.98               | 1.15               | 34.02            |
| Immature Citrus                         | 2.74             | 2.01                | 1.84              | 0.92               | 1.09               | 23.97            |
| Avocado                                 | 5.02             | 3.28                | 2.99              | 0.95               | 0.96               | 33.83            |
| Misc Subtropical                        | 5.02             | 3.28                | 2.99              | 0.95               | 0.96               | 33.83            |