

ETc Table for Irrigation District Water Balances

Zone 1 Monthly Evapotranspiration

Sprinkler Irrigation Wet Year

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Table includes 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                           | 8.11            | 13.07    | 3.5    | 2.32   | 1.54   | 0.16   | 0      |
| Grass Reference ETo                     | 0.87            | 1.06     | 2.61   | 4.07   | 4.7    | 4.23   | 3.58   |
| Apple, Pear, Cherry, Plum and Prune     | 0.82            | 1.01     | 2.12   | 2.71   | 3.33   | 3.03   | 2.69   |
| Apples, Plums, Cherries etc w/covercrop | 0.84            | 1.04     | 2.61   | 3.93   | 4.67   | 3.97   | 3.54   |
| Peach, Nectarine and Apricots           | 0.82            | 1.01     | 2.12   | 2.74   | 3.69   | 3.29   | 2.79   |
| Immature Peaches, Nectarines, etc       | 0.84            | 1.03     | 2.09   | 2.38   | 2.31   | 1.8    | 1.86   |
| Misc. Deciduous                         | 0.82            | 1.01     | 2.29   | 2.95   | 3.89   | 3.17   | 2.73   |
| Grain and Grain Hay                     | 0.92            | 1.13     | 2.77   | 4.15   | 2.91   | 0.21   | 0      |
| Corn and Grain Sorghum                  | 0.9             | 1.09     | 2.42   | 2.38   | 2.36   | 3.29   | 3.58   |
| Misc. field crops                       | 0.9             | 1.09     | 2.15   | 2.85   | 4.09   | 3.67   | 2.95   |
| Alfalfa Hay and Clover                  | 0.92            | 1.12     | 2.72   | 3.49   | 4.55   | 4      | 2.66   |
| Pasture and Misc. Grasses               | 0.9             | 1.12     | 2.67   | 3.85   | 4.46   | 3.65   | 3.15   |
| Small Vegetables                        | 0.9             | 1.12     | 2.64   | 3.56   | 3.4    | 3.65   | 1.34   |
| Tomatoes and Peppers                    | 0.9             | 1.09     | 2.3    | 3.29   | 4.57   | 4.15   | 3.33   |
| Potatoes, Sugar beets, Turnip etc..     | 0.9             | 1.09     | 2.28   | 2.38   | 2.1    | 2.18   | 3.25   |
| Melons, Squash, and Cucumbers           | 0.9             | 1.09     | 2.14   | 3.14   | 4.54   | 3.83   | 1.34   |
| Strawberries                            | 0.9             | 1.09     | 2.15   | 2.85   | 4.09   | 3.67   | 2.95   |
| Flowers, Nursery and Christmas Tree     | 0.82            | 1.01     | 2.29   | 2.95   | 3.89   | 3.17   | 2.73   |
| Citrus (no ground cover)                | 0.84            | 1.04     | 2.6    | 3.61   | 4.15   | 2.89   | 2.41   |
| Immature Citrus                         | 0.85            | 1.05     | 2.48   | 2.85   | 2.62   | 1.61   | 1.37   |
| Avocado                                 | 0.82            | 1.01     | 2.29   | 2.95   | 3.89   | 3.17   | 2.73   |
| Misc Subtropical                        | 0.82            | 1.01     | 2.29   | 2.95   | 3.89   | 3.17   | 2.73   |

|   | August<br>inches | September<br>inches | October<br>inches | November<br>inches | December<br>inches | Annual<br>inches |
|---|------------------|---------------------|-------------------|--------------------|--------------------|------------------|
| Precipitation                           | 0                | 1.26                | 0.71              | 1.5                | 0.67               | 32.83            |
| Grass Reference ETo                     | 3.68             | 2.65                | 2.62              | 1.34               | 1.42               | 32.82            |
| Apple, Pear, Cherry, Plum and Prune     | 2.91             | 2.15                | 2.16              | 1.23               | 0.94               | 25.09            |
| Apples, Plums, Cherries etc w/covercrop | 3.45             | 2.72                | 2.43              | 1.25               | 1.43               | 31.87            |
| Peach, Nectarine and Apricots           | 2.83             | 2.09                | 2.32              | 1.23               | 0.94               | 25.87            |
| Immature Peaches, Nectarines, etc       | 1.53             | 1.93                | 1.47              | 1.07               | 0.95               | 19.25            |
| Misc. Deciduous                         | 2.76             | 1.98                | 2.18              | 1.28               | 0.94               | 26               |
| Grain and Grain Hay                     | 0                | 0.87                | 1.13              | 1.13               | 1.24               | 16.46            |
| Corn and Grain Sorghum                  | 3.3              | 1.45                | 0.55              | 1                  | 0.96               | 23.28            |
| Misc. field crops                       | 1.58             | 0.87                | 0.55              | 1                  | 0.96               | 22.67            |
| Alfalfa Hay and Clover                  | 2.91             | 2.8                 | 2.72              | 1.37               | 1.42               | 30.68            |
| Pasture and Misc. Grasses               | 3.18             | 2.45                | 2.43              | 1.39               | 0.96               | 30.2             |
| Small Vegetables                        | 0                | 0.87                | 0.55              | 1                  | 0.96               | 19.99            |
| Tomatoes and Peppers                    | 1.44             | 0.87                | 0.55              | 1                  | 0.96               | 24.46            |
| Potatoes, Sugar beets, Turnip etc..     | 3.75             | 2.78                | 2.73              | 1.43               | 1.31               | 26.17            |
| Melons, Squash, and Cucumbers           | 0                | 0.87                | 0.55              | 1                  | 0.96               | 20.37            |
| Strawberries                            | 1.58             | 0.87                | 0.55              | 1                  | 0.96               | 22.67            |
| Flowers, Nursery and Christmas Tree     | 2.76             | 1.98                | 2.18              | 1.28               | 0.94               | 26               |
| Citrus (no ground cover)                | 2.18             | 2.09                | 2.23              | 1.32               | 1.46               | 26.83            |
| Immature Citrus                         | 0.98             | 1.53                | 1.54              | 1.24               | 1.24               | 19.37            |
| Avocado                                 | 2.76             | 1.98                | 2.18              | 1.28               | 0.94               | 26               |
| Misc Subtropical                        | 2.76             | 1.98                | 2.18              | 1.28               | 0.94               | 26               |