

Table 4.14
Volume of Annual Precipitation within CSSA and Surrounding Watersheds
(Based upon 2002 Precipitation at CS-16 Weather Station)

| Precipitation Data (Inches) | Average Monthly Precipitation at CSSA Station CS-16 (2002) | | | | | | | | | | | | SubTotals | Estimated Aquifer Recharge | | | | |
|-----------------------------|--|------------------------------------|--------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------------------|----------------|----------------|----------------|--|
| | January | February | March | April | May | June | July | August | September | October | November | December | | Annual | 2.5% | 4.0% | 6.6% | |
| | 0.83 | 0.54 | 2.06 | 1.78 | 1.38 | 10.59 | 13.39 | 3.37 | 3.99 | 8.08 | 2.19 | 3.67 | 51.87 | 1.30 | 2.07 | 3.42 | | |
| Acreage | Camp Stanley Storage Activity (Acre-feet) | | | | | | | | | | | | | | | | | |
| CSSA | 4,004.0 | 276.9 | 180.2 | 687.4 | 593.9 | 460.5 | 3,533.5 | 4,467.8 | 1,124.5 | 1,331.3 | 2,696.0 | 730.7 | 1,224.6 | 17,307.3 | 432.7 | 692.3 | 1,142.3 | |
| SubUnit | Acreage | Salado Creek Watershed (Acre-feet) | | | | | | | | | | | | | | | | |
| 60 | 1,122.2 | 77.6 | 50.5 | 192.6 | 166.5 | 129.1 | 990.4 | 1,252.2 | 315.2 | 373.1 | 755.6 | 204.8 | 343.2 | 4,850.8 | 121.3 | 194.0 | 320.2 | |
| 66 | 871.8 | 60.3 | 39.2 | 149.7 | 129.3 | 100.3 | 769.4 | 972.8 | 244.8 | 289.9 | 587.0 | 159.1 | 266.6 | 3,768.4 | 94.2 | 150.7 | 248.7 | |
| 78 | 234.9 | 16.2 | 10.6 | 40.3 | 34.8 | 27.0 | 207.3 | 262.1 | 66.0 | 78.1 | 158.1 | 42.9 | 71.8 | 1,015.1 | 25.4 | 40.6 | 67.0 | |
| 82 | 593.1 | 41.0 | 26.7 | 101.8 | 88.0 | 68.2 | 523.4 | 661.8 | 166.6 | 197.2 | 399.4 | 108.2 | 181.4 | 2,563.8 | 64.1 | 102.6 | 169.2 | |
| 85 | 433.2 | 30.0 | 19.5 | 74.4 | 64.3 | 49.8 | 382.3 | 483.4 | 121.7 | 144.0 | 291.7 | 79.1 | 132.5 | 1,872.6 | 46.8 | 74.9 | 123.6 | |
| 86 | 230.2 | 15.9 | 10.4 | 39.5 | 34.1 | 26.5 | 203.1 | 256.8 | 64.6 | 76.5 | 155.0 | 42.0 | 70.4 | 995.0 | 24.9 | 39.8 | 65.7 | |
| 88 | 34.0 | 2.4 | 1.5 | 5.8 | 5.0 | 3.9 | 30.0 | 38.0 | 9.6 | 11.3 | 22.9 | 6.2 | 10.4 | 147.1 | 3.7 | 5.9 | 9.7 | |
| 89 | 847.1 | 58.6 | 38.1 | 145.4 | 125.7 | 97.4 | 747.6 | 945.2 | 237.9 | 281.7 | 570.4 | 154.6 | 259.1 | 3,661.6 | 91.5 | 146.5 | 241.7 | |
| 102 | 195.0 | 13.5 | 8.8 | 33.5 | 28.9 | 22.4 | 172.1 | 217.6 | 54.8 | 64.9 | 131.3 | 35.6 | 59.7 | 843.1 | 21.1 | 33.7 | 55.6 | |
| 114 | 387.0 | 26.8 | 17.4 | 66.4 | 57.4 | 44.5 | 341.5 | 431.8 | 108.7 | 128.7 | 260.6 | 70.6 | 118.3 | 1,672.7 | 41.8 | 66.9 | 110.4 | |
| 125 | 717.2 | 49.6 | 32.3 | 123.1 | 106.4 | 82.5 | 633.0 | 800.3 | 201.4 | 238.5 | 482.9 | 130.9 | 219.4 | 3,100.2 | 77.5 | 124.0 | 204.6 | |
| 126 | 489.7 | 33.9 | 22.0 | 84.1 | 72.6 | 56.3 | 432.2 | 546.4 | 137.5 | 162.8 | 329.7 | 89.4 | 149.8 | 2,116.8 | 52.9 | 84.7 | 139.7 | |
| 139 | 4.9 | 0.3 | 0.2 | 0.8 | 0.7 | 0.6 | 4.3 | 5.5 | 1.4 | 1.6 | 3.3 | 0.9 | 1.5 | 21.1 | 0.5 | 0.8 | 1.4 | |
| 144 | 287.6 | 19.9 | 12.9 | 49.4 | 42.7 | 33.1 | 253.8 | 320.9 | 80.8 | 95.6 | 193.6 | 52.5 | 87.9 | 1,243.0 | 31.1 | 49.7 | 82.0 | |
| 162 | 515.7 | 35.7 | 23.2 | 88.5 | 76.5 | 59.3 | 455.1 | 575.5 | 144.8 | 171.5 | 347.3 | 94.1 | 157.7 | 2,229.3 | 55.7 | 89.2 | 147.1 | |
| | 6,963.7 | 481.7 | 313.4 | 1,195.4 | 1,033.0 | 800.8 | 6,145.5 | 7,770.3 | 1,955.6 | 2,315.4 | 4,688.9 | 1,270.9 | 2,129.7 | 30,100.7 | 752.5 | 1,204.0 | 1,986.6 | |
| SubUnit | Acreage | Leon Creek Watershed (Acre-feet) | | | | | | | | | | | | | | | | |
| 101 | 562.9 | 38.9 | 25.3 | 96.6 | 83.5 | 64.7 | 496.7 | 628.1 | 158.1 | 187.2 | 379.0 | 102.7 | 172.1 | 2,433.1 | 60.8 | 97.3 | 160.6 | |
| 121 | 231.1 | 16.0 | 10.4 | 39.7 | 34.3 | 26.6 | 203.9 | 257.8 | 64.9 | 76.8 | 155.6 | 42.2 | 70.7 | 998.8 | 25.0 | 40.0 | 65.9 | |
| 123 | 291.3 | 20.2 | 13.1 | 50.0 | 43.2 | 33.5 | 257.1 | 325.1 | 81.8 | 96.9 | 196.2 | 53.2 | 89.1 | 1,259.3 | 31.5 | 50.4 | 83.1 | |
| 127 | 434.6 | 30.1 | 19.6 | 74.6 | 64.5 | 50.0 | 383.5 | 484.9 | 122.0 | 144.5 | 292.6 | 79.3 | 132.9 | 1,878.4 | 47.0 | 75.1 | 124.0 | |
| 131 | 151.5 | 10.5 | 6.8 | 26.0 | 22.5 | 17.4 | 133.7 | 169.0 | 42.5 | 50.4 | 102.0 | 27.6 | 46.3 | 654.7 | 16.4 | 26.2 | 43.2 | |
| 138 | 82.3 | 5.7 | 3.7 | 14.1 | 12.2 | 9.5 | 72.6 | 91.8 | 23.1 | 27.4 | 55.4 | 15.0 | 25.2 | 355.7 | 8.9 | 14.2 | 23.5 | |
| | 1,753.6 | 121.3 | 78.9 | 301.0 | 260.1 | 201.7 | 1,547.6 | 1,956.7 | 492.5 | 583.1 | 1,180.8 | 320.0 | 536.3 | 7,580.0 | 189.5 | 303.2 | 500.3 | |
| SubUnit | Acreage | Cibolo Creek Watershed (Acre-feet) | | | | | | | | | | | | | | | | |
| 16 | 564.0 | 39.0 | 25.4 | 96.8 | 83.7 | 64.9 | 497.7 | 629.3 | 158.4 | 187.5 | 379.8 | 102.9 | 172.5 | 2,437.9 | 60.9 | 97.5 | 160.9 | |
| 28 | 513.7 | 35.5 | 23.1 | 88.2 | 76.2 | 59.1 | 453.4 | 573.2 | 144.3 | 170.8 | 345.9 | 93.8 | 157.1 | 2,220.6 | 55.5 | 88.8 | 146.6 | |
| 33 | 333.4 | 23.1 | 15.0 | 57.2 | 49.5 | 38.3 | 294.2 | 372.0 | 93.6 | 110.8 | 224.5 | 60.8 | 102.0 | 1,441.0 | 36.0 | 57.6 | 95.1 | |
| 37 | 2,300.3 | 159.1 | 103.5 | 394.9 | 341.2 | 264.5 | 2,030.0 | 2,566.7 | 646.0 | 764.8 | 1,548.8 | 419.8 | 703.5 | 9,942.9 | 248.6 | 397.7 | 656.2 | |
| 52 | 930.1 | 64.3 | 41.9 | 159.7 | 138.0 | 107.0 | 820.8 | 1,037.8 | 261.2 | 309.2 | 626.2 | 169.7 | 284.4 | 4,020.2 | 100.5 | 160.8 | 265.3 | |
| | 4,641.4 | 321.0 | 208.9 | 796.8 | 688.5 | 533.8 | 4,096.1 | 5,179.1 | 1,303.5 | 1,543.3 | 3,125.2 | 847.1 | 1,419.5 | 20,062.6 | 501.6 | 802.5 | 1,324.1 | |
| Watershed Subtotals | 13,358.8 | 924.0 | 601.1 | 2,293.3 | 1,981.5 | 1,536.3 | 11,789.1 | 14,906.1 | 3,751.6 | 4,441.8 | 8,994.9 | 2,438.0 | 4,085.6 | 57,743.2 | 1,443.6 | 2,309.7 | 3,811.1 | |