# Texas Water Development Board
# Groundwater Database Reports

## Water Quality Publication Report
## County: Somervell

| State Well Number | Aquifer | Depth | Date | B/U | pH | Silica | Calcium | Magnesium | Sodium | Potassium | Carbonate | Bicarb. | Sulfate | Chloride | Fluoride | Nitrate | Dissolved Solids | Spec. Cond umhos | Hardness as CaCO3 | % Sodium | SAR | RSC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3241902 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 288 | 9 / 16/ #### | B | 7.7 | 15 | 46 | 36 | c 49 | | 0 | 330.09 | 34 | 44 | 0.4 | 0.8 | 387 | 615 | 263 | 28 | 1.31 | 0.15 |
| | 218TWMT | 288 | 9 / 16/ #### | B | 7.7 | 15 | 44 | 34 | 54 | | 0 | 333.15 | 36 | 46 | 0.4 | < 0.4 | 393 | 755 | 249 | 31 | 1.49 | 0.47 |
| | 218TWMT | 210 * | 8 / 10/ #### | B | 7.5 | 14 | 44 | 36 | 52 | | 0 | 334.37 | 33 | 44 | 0.5 | < 0.4 | 388 | 745 | 258 | 30 | 1.41 | 0.32 |
| | 218TWMT | 288 | 6 / 25/ #### | B | 7.8 | 14 | 44 | 34 | 53 | | 0 | 331.93 | 34 | 45 | 0.4 | < 0.4 | 388 | 745 | 249 | 31 | 1.46 | 0.45 |
| 3242503 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 517 | 8 / 13/ #### | B | 8.3 | 15 | 25 | 14 | 133 | 5 | 0 | 367.32 | 67 | 29 | 0.3 | < 0.04 | 468 | 846 | 120 | 70 | 5.28 | 3.62 |
| 3242601 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 466 | 2 / 28/ #### | B | 7.6 | 13 | 22 | 11 | 136 | | 0 | 375.87 | 50 | 24 | 0.3 | 0.6 | 441 | 716 | 100 | 74 | 5.91 | 4.16 |
| 3242602 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 490 | 3 / 15/ #### | B | 7.5 | 12 | 17 | 8 | 141 | | 0 | 378.31 | 39 | 22 | 0.6 | 0.5 | 426 | | 75 | 80 | 7.07 | 4.69 |
| 3242905 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 340 | 9 / 22/ #### | B | 8.26 | 14 | 11 | 6.5 | 145 | 5.6 | 0 | 314.85 | 53 | 60 | 0.61 | 0.04 | 451 | 643 | 55 | 85 | 8.57 | 4.08 |
| 3243402 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 200 | 9 / 9 / #### | B | 8.1 | 11 | 2.6 | 1.3 | c 170 | | 0 | 394 | 36 | 15 | | 0 | 429 | 709 | 12 | 96 | 21.5 | 6.22 |
| 3243412 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 378 | 7 / 27/ #### | U | 8.24 | | 7 | 3 | | | 0 | 368.54 | 46 | 10.3 | | | | 712 | 29 | | | 5.44 |
| 3243415 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 383 | ## / 3 / #### | B | 8.2 | | 13 | 6 | 136 | 4 | 0 | 360 | 36 | 20 | 0.4 | 2.66 | 395 | 700 | 57 | 83 | 7.83 | 4.76 |
| | 218TWMT | 383 | 7 / 28/ #### | U | 8.3 | | 21 | 6 | | | 0 | 357.56 | 38 | 9.5 | | | | 639 | 77 | | | 4.32 |
| 3243501 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 270 | 7 / 8 / #### | B | 8.5 | | 4 | 1 | 173 | | 4.8 | 369.76 | 65 | 17 | 0.3 | < 0.09 | 447 | 800 | 14 | 96 | 20.05 | 5.94 |
| | 218TWMT | 270 | 6 / 8 / #### | B | 8.5 | | 4 | 1 | 183 | | 4.8 | 370.99 | 62 | 18 | 0.3 | 0.18 | 455 | 810 | 14 | 96 | 21.2 | 5.96 |
| 3243805 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 464 | 7 / 12/ #### | B | 7.2 | 12 | 12 | 6 | 170 | 4.4 | 2.4 | 400.27 | 46 | 16 | 0.4 | 0.13 | 466 | 745 | 54 | 87 | 10.01 | 5.55 |
| 3243901 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 380 | 9 / 17/ #### | B | 8.3 | 12 | 2.8 | 2.06 | 188 | | 0 | 408.82 | 67 | 19 | 0.9 | < 0.4 | 493 | 870 | 15 | 96 | 20.8 | 6.39 |
| 3243903 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 470 | 7 / 30/ #### | B | 8.5 | | 3 | 1 | 179 | | 4.8 | 377.09 | 59 | 16 | 0.3 | 1.64 | 450 | 785 | 11 | 97 | 22.86 | 6.11 |
| | 218TWMT | 470 | 7 / 31/ #### | B | 8.5 | | 4 | < 1 | 184 | | 4.8 | 380.75 | 57 | 16 | 0.3 | < 0.04 | 454 | 810 | 14 | 96 | 21.32 | 6.12 |
| | 218TWMT | 470 | 7 / 29/ #### | B | 8.5 | | 4 | 1 | 178 | | 15.6 | 361.22 | 62 | 16 | 0.3 | < 0.04 | 454 | 804 | 14 | 96 | 20.62 | 6.16 |
| | 218TWMT | 470 | 7 / 27/ #### | U | 8.44 | | 2 | 5 | | | 6 | 368.54 | 60 | 6.8 | | | | 750 | 25 | | | 5.73 |
| | 218TWMT | 470 | 5 / 25/ #### | B | 8.33 | 11.6 | 2.19 | 1.21 | 183 | 1.97 | 10.8 | 353.9 | 59.3 | 15.9 | 0.3 | 1.69 | 462 | 733 | 10 | 97 | 24.63 | 5.95 |
| 3243904 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 645 | 7 / 7 / #### | B | 8.26 | 13.3 | 3.82 | 1.65 | 174 | 2.58 | 8.62 | 372.99 | 38.6 | 18.5 | 0.25 | | 445 | 744 | 16 | 95 | 18.74 | 6.07 |
| | 218TWMT | 645 | 5 / 13/ #### | B | 8.46 | 12.1 | 4.04 | 1.68 | 166 | 2.52 | 7.2 | 377.08 | 46.7 | 17.5 | 0.3 | < 0.02 | 444 | 622 | 17 | 96 | 17.51 | 6.08 |
| 3249301 | | | | | | | | | | | | | | | | | | | | | | |

* Depth value here reflects the bottom of the SAMPLED INTERVAL which was different from the completed well depth

| State Well Number | Aquifer | Depth | Date | B/U | pH | Silica | Calcium | Magnesium | Sodium | Potassium | Carbonate | Bicarb. | Sulfate | Chloride | Fluoride | Nitrate | Dissolved Solids | Spec. Cond umhos | Hardness as CaCO3 | % Sodium | SAR | RSC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 218TWMT | 298 | 8 / 13/ #### | B | 8 | 16 | 50 | 38 | 31 | 4 | 0 | 351.46 | 26 | 29 | 0.4 | < 0.04 | 367 | 710 | 281 | 19 | 0.8 | 0.14 |
| 3250208 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 354 | 6 / 3 / #### | B | 7.8 | | 29 | 24 | 83 | | 0 | 367.32 | 22 | 20 | 0.4 | < 0.4 | 359 | 685 | 171 | 51 | 2.76 | 2.6 |
| | 218TWMT | 354 | 6 / 8 / #### | B | 7.8 | | 29 | 23 | 85 | | 0 | 366.1 | 21 | 22 | 0.4 | < 0.4 | 360 | 690 | 167 | 52 | 2.86 | 2.66 |
| | 218TWMT | 354 | ## / 14/ #### | B | 7.9 | | 29 | 22 | 86 | | 0 | 368.54 | 20 | 23 | 0.5 | 0.6 | 362 | 700 | 163 | 53 | 2.93 | 2.78 |
| | 218TWMT | 354 | ## / 6 / #### | B | 8.1 | | 30 | 21 | 87 | | 0 | 368.54 | 22 | 25 | 0.4 | < 0.4 | 367 | 696 | 161 | 53 | 2.98 | 2.82 |
| | 218TWMT | 354 | ## / 5 / #### | B | 8.3 | | 32 | 20 | 84 | 4 | 0 | 362.44 | 24 | 23 | 0.4 | < 0.4 | 366 | 700 | 162 | 52 | 2.87 | 2.7 |
| | 218TWMT | 354 | 7 / 11/ #### | B | 6.8 | 14 | 31.46 | 19.32 | 86 | 3.9 | 0 | 368.54 | 23 | 23 | 0.4 | 0.88 | 383 | 630 | 157 | 54 | 2.98 | 2.88 |
| 3250301 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 317 | 9 / 16/ #### | B | 7.9 | 16 | 29 | 26 | c 75 | | 0 | 380.11 | 3 | 18 | 0.2 | 1 | 355 | 615 | 179 | 47 | 2.44 | 2.64 |
| 3250303 | | | | | | | | | | | | | | | | | | | | | | |
| | 217HSTN | 325 | ## / 9 / #### | U | 7.8 | 14 | 26 | 21 | | | 0 | | 18 | 18 | 0.2 | 0.5 | | | 151 | | | |
| | 217HSTN | 325 | 4 / 15/ #### | B | 7.6 | 11 | 27 | 22 | 103 | | 0 | 396.61 | 25 | 21 | 0.2 | 0.4 | 404 | | 158 | 58 | 3.57 | 3.34 |
| | 217HSTN | 325 | 3 / 3 / #### | B | 7.7 | 15 | 24 | 22 | c 99 | | 0 | 391 | 20 | 16 | | 1.2 | 389 | 652 | 150 | 58 | 3.51 | 3.4 |
| | 217HSTN | 325 | 9 / 5 / #### | B | 7.8 | 13 | 27 | 22 | 93 | | 0 | 389.29 | 20 | 16 | 0.3 | < 0.4 | 383 | 710 | 158 | 56 | 3.22 | 3.22 |
| | 217HSTN | 325 | 6 / 25/ #### | B | 7.8 | 15 | 28 | 21 | 93 | | 0 | 388.07 | 22 | 17 | 0.4 | < 0.4 | 387 | 705 | 156 | 56 | 3.24 | 3.24 |
| 3250304 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TVPK | 352 | 8 / 12/ #### | B | 7.8 | | 21 | 18 | 107 | | 0 | 390.51 | 21 | 17 | 0.3 | < 0.4 | 376 | 704 | 126 | 64 | 4.14 | 3.87 |
| | 218TVPK | 352 | 8 / 10/ #### | B | 7.7 | 14 | 19 | 21 | 106 | | 0 | 392.95 | 9 | 17 | 0.4 | < 0.4 | 380 | 705 | 133 | 63 | 3.99 | 3.76 |
| | 218TVPK | 352 | 6 / 25/ #### | B | 7.7 | 14 | 22 | 18 | 107 | | 0 | 390.51 | 21 | 17 | 0.3 | 0.4 | 391 | 705 | 129 | 64 | 4.1 | 3.82 |
| | 218TVPK | 352 | 8 / 13/ #### | B | 7.6 | 14.6 | 21.4 | 20.1 | 100 | 4.4 | 0 | 402.71 | 15 | 16 | 0.4 | < 0.44 | 393 | 652 | 139 | 62 | 3.72 | 3.87 |
| 3250305 | | | | | | | | | | | | | | | | | | | | | | |
| | 218GLRS | 120 | 7 / 21/ #### | B | 8.7 | 15 | 29 | 21 | 89 | 5 | 14.4 | 351.46 | 24 | 20 | 0.3 | < 0.1 | 390 | 715 | 158 | 54 | 3.07 | 3.07 |
| 3250309 | | | | | | | | | | | | | | | | | | | | | | |
| | 217HSTN | 472 | 7 / 12/ #### | B | 7.1 | 15 | 26 | 23 | 98 | 6 | 0 | 388.07 | 24 | 17 | 0.3 | 0.04 | 400 | 642 | 159 | 57 | 3.38 | 3.17 |
| | 217HSTN | 472 | 7 / 21/ #### | U | 8.24 | | 23 | 23 | | | 0 | 373.43 | 24 | 14.8 | | | | 660 | 152 | | | 3.08 |
| 3250317 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 320 | 7 / 26/ #### | U | 8.14 | | 15.5 | 24.5 | | | 0 | 366.1 | 7 | 7.5 | | | | 654 | 139 | | | 3.21 |
| 3250402 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 372 | 7 / 21/ #### | B | 8.7 | 16 | 42 | 31 | 45 | | 12 | 316.07 | 33 | 16 | 0.3 | 0.1 | 350 | 644 | 232 | 29 | 1.28 | 0.93 |
| | 218TWMT | 372 | 7 / 11/ #### | B | 7 | 15 | 40 | 35 | 49 | 6.3 | 0 | 341.7 | 33 | 15 | 0.4 | 0.18 | 361 | 604 | 244 | 30 | 1.37 | 0.72 |
| 3250503 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 347 | 8 / 10/ #### | B | 7.7 | 14 | 50 | 40 | 33 | | 0 | 358.78 | 32 | 25 | 0.4 | < 0.4 | 371 | 715 | 289 | 19 | 0.84 | 0.09 |
| | 218TWMT | 347 | 6 / 25/ #### | B | 7.7 | 14 | 51 | 38 | 34 | | 0 | 358.78 | 33 | 25 | 0.4 | < 0.4 | 372 | 720 | 283 | 20 | 0.88 | 0.21 |
| 3250504 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 530 | 6 / 26/ #### | B | 8.5 | 16 | 33 | 26 | 75 | 4 | 4.8 | 374.65 | 23 | 18 | 0.4 | 0.18 | 384 | 693 | 189 | 46 | 2.37 | 2.51 |
| 3250505 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 500 | 9 / 22/ #### | B | 7.35 | 17 | 47 | 37 | 48 | 6.4 | 0 | 369.76 | 37 | 22 | 0.38 | 0.04 | 401 | 604 | 274 | 27 | 1.27 | 0.67 |
| | 218TWMT | 500 | 5 / 25/ #### | B | 7.27 | 17.9 | 25.2 | 28 | 73.7 | 4.71 | 0 | 363.66 | 25 | 16.9 | 0.28 | < 0.09 | 374 | 642 | 182 | 47 | 2.4 | 2.4 |
| | 218TWMT | 500 | 7 / 7 / #### | B | 7.26 | 18.5 | 30.2 | 29.2 | 73.4 | 4.53 | 0 | 375.87 | 23.7 | 18.2 | 0.26 | | 386 | 668 | 199 | 44 | 2.28 | 2.25 |
| 3250506 | | | | | | | | | | | | | | | | | | | | | | |
| | 218PLXY | 76 | 9 / 22/ #### | B | 6.99 | 23 | 125 | 5 | 9.2 | 1 | 0 | 372.21 | 33 | 11 | 0.22 | 0.26 | 391 | 572 | 332 | 5 | 0.22 | 0 |
| 3250701 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 510 | 9 / 16/ #### | B | 7.7 | 15 | 54 | 40 | 25 | | 0 | 360 | 24 | 27 | 0.4 | < 0.4 | 362 | 704 | 299 | 15 | 0.63 | 0 |

* Depth value here reflects the bottom of the SAMPLED INTERVAL which was different from the completed well depth

| State Well Number | Aquifer | Depth | Date | B/U | pH | Silica | Calcium | Magnesium | Sodium | Potassium | Carbonate | Bicarb. | Sulfate | Chloride | Fluoride | Nitrate | Dissolved Solids | Spec. Cond umhos | Hardness as CaCO3 | % Sodium | SAR | RSC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3250801 | | | | | | | | | | | | | | | | | | | | | | |
| | 218PLXY | 225 | 9 / 16/ #### | B | 7.5 | 17 | 66 | 29 | 29 | | 0 | 319.73 | 59 | 23 | 0.4 | < 0.4 | 381 | 704 | 283 | 18 | 0.75 | 0 |
| | 218PLXY | 225 | 9 / 25/ #### | B | 7.6 | 13 | 66 | 27 | 29 | | 0 | 311.19 | 55 | 23 | 0.4 | 2.5 | 368 | 710 | 275 | 18 | 0.76 | 0 |
| | 218PLXY | 225 | 6 / 25/ #### | B | 7.7 | 12 | 55 | 26 | 29 | | 0 | 333.15 | 2.4 | 22 | 0.3 | < 0.4 | 310 | 600 | 243 | 20 | 0.81 | 0.58 |
| 3250805 | | | | | | | | | | | | | | | | | | | | | | |
| | 217HSTN | 820 | 9 / 22/ #### | B | 7.25 | 15 | 46 | 37 | 47 | 6.2 | 0 | 366.1 | 40 | 22 | 0.36 | 0.04 | 398 | 583 | 272 | 27 | 1.25 | 0.66 |
| 3251101 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 277 | 9 / 9 / #### | B | 8.5 | 14 | 11 | 6.6 | c 145 | | 11 | 352 | 39 | 15 | | 2.5 | 417 | 646 | 54 | 85 | 8.41 | 5.04 |
| | 218HNSL | 277 | ## / 23/ #### | B | 8.4 | | 13 | 6 | 136 | 4 | 1.2 | 373.43 | 36 | 15 | 0.2 | 2.8 | 397 | 710 | 57 | 83 | 7.83 | 5.02 |
| | 218HNSL | 277 | 7 / 21/ #### | B | 8.6 | 13 | 13 | 5 | 139 | | 7.2 | 358.78 | 37 | 15 | 0.2 | 0.1 | 405 | 715 | 53 | 85 | 8.3 | 5.06 |
| 3251104 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 376 | 8 / 10/ #### | B | 7.7 | 14 | 28 | 25 | 83 | | 0 | 340.48 | 32 | 11 | 0.4 | < 0.4 | 361 | 670 | 172 | 51 | 2.75 | 2.13 |
| | 218TWMT | 376 | 6 / 25/ #### | B | 7.9 | 14 | 30 | 22 | 81 | | 0 | 363.66 | 34 | 11 | 0.4 | < 0.4 | 371 | 675 | 165 | 51 | 2.74 | 2.65 |
| | 218TWMT | 376 | 7 / 21/ #### | B | 8.7 | 14 | 27 | 23 | 82 | | 12 | 342.92 | 32 | 10 | 0.3 | < 0.1 | 369 | 675 | 162 | 52 | 2.8 | 2.78 |
| | 218TWMT | 376 | 7 / 12/ #### | B | 7.2 | 14 | 28 | 25 | 87 | 6.6 | 0 | 366.1 | 35 | 10 | 0.3 | 0.04 | 385 | 629 | 172 | 52 | 2.88 | 2.55 |
| 3251105 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 484 | 6 / 26/ #### | B | 8.2 | 15 | 25 | 18 | 99 | 5 | 0 | 377.09 | 28 | 12 | 0.3 | < 0.04 | 387 | 675 | 136 | 61 | 3.69 | 3.45 |
| | 218TWMT | 484 | 4 / 23/ #### | B | 7.58 | 15 | 22 | 20 | 106 | 5.9 | 0 | 385.63 | 26 | 13 | 0.29 | < 0.04 | 401 | 900 | 140 | 62 | 3.94 | 3.58 |
| | 218TWMT | 484 | 7 / 21/ #### | U | 8.33 | | 21 | 21 | | | 2.4 | 368.54 | 33 | 14 | | | | 645 | 138 | | | 3.34 |
| 3251204 | | | | | | | | | | | | | | | | | | | | | | |
| | 218GLRS | 125 | 9 / 16/ #### | B | 8.1 | 13 | 9.7 | 5.1 | c 150 | | 0 | 369.11 | 47 | 14 | | 3 | 423 | 691 | 44 | 87 | 9.67 | 5.15 |
| 3251206 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 240 | 9 / 13/ #### | B | 7.9 | 13 | 11 | 6.6 | c 146 | | 0 | 369.11 | 44 | 15 | | 2.2 | 419 | 687 | 54 | 85 | 8.59 | 4.96 |
| 3251501 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 370 | 9 / 16/ #### | B | 7.9 | 14 | 13 | 10 | 147 | | 0 | 366.1 | 67 | 17 | 1.2 | < 0.4 | 449 | 785 | 73 | 81 | 7.45 | 4.53 |
| 3251502 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 475 | 4 / 28/ #### | B | 8.2 | | 19 | 7 | 127 | | 0 | 362.44 | 42 | 10 | 0.2 | < 0.4 | 383 | 685 | 76 | 78 | 6.33 | 4.42 |
| | 218TWMT | 475 | 8 / 20/ #### | B | 8.6 | | 17 | 6 | 125 | 4 | 6 | 344.14 | 44 | 11 | 0.2 | < 0.09 | 382 | 700 | 67 | 80 | 6.64 | 4.5 |
| | 218TWMT | 475 | 8 / 3 / #### | B | 8.5 | | 17 | 6 | 134 | 4 | 6 | 344.14 | 43 | 11 | 0.3 | 0.04 | 390 | 700 | 67 | 81 | 7.12 | 4.5 |
| | 218TWMT | 475 | 7 / 25/ #### | U | 8.13 | | 16 | 9 | | | 0 | 342.92 | 44 | 4.3 | | | | 656 | 77 | | | 4.08 |
| 3251503 | | | | | | | | | | | | | | | | | | | | | | |
| | 218TWMT | 550 | 6 / 26/ #### | B | 8.6 | 12 | 13 | 9 | 131 | 4 | 9.6 | 366.1 | 27 | 15 | 0.3 | < 0.04 | 400 | 695 | 69 | 80 | 6.84 | 4.93 |
| 3251601 | | | | | | | | | | | | | | | | | | | | | | |
| | 218HNSL | 375 | ## / 4 / #### | B | 8.4 | 12 | 3.4 | 1.6 | c 173 | | 10 | 363 | 56 | 14 | | 0.2 | 448 | 727 | 15 | 96 | 18.98 | 5.98 |

* Depth value here reflects the bottom of the SAMPLED INTERVAL which was different from the completed well depth