# Texas Water Development Board

WATER Conditions

# RESERVOIR STORAGE

***April 2010***

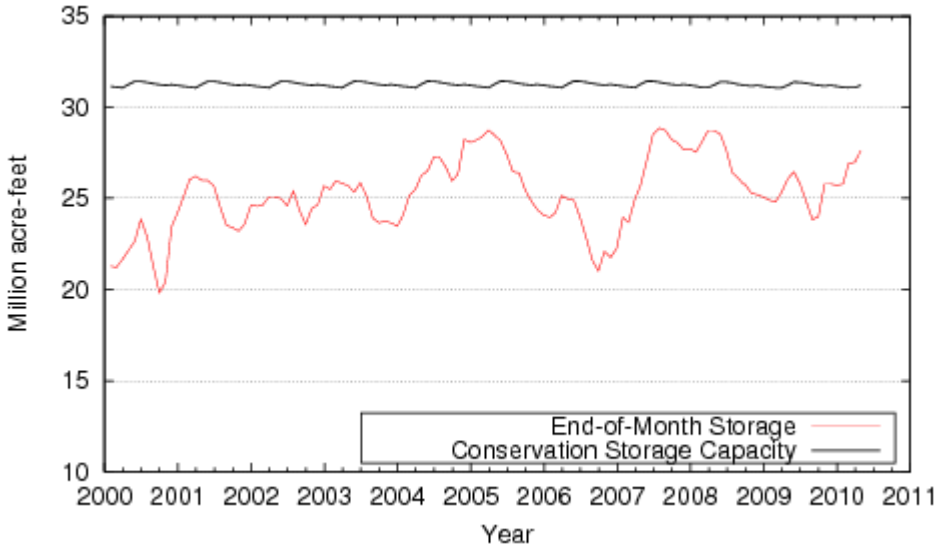
Total storage in the state's 109 major reservoirs was 2% higher than last month, at 89% full, with 27.63 million acre-feet in conservation storage*.

Storage was at 100% in 50 reservoirs, five less than last month. Most reservoirs at 100% storage level were in the East, South Central and North Central Regions. There were five lakes at or below 10% full, one less than last month: O. C. Fisher Lake and Palo Duro Reservoir were effectively empty, Lake Meredith (total) was at 4%, E.V. Spence Reservoir was at 5%, and Lake J. B. Thomas was at 8% full.

Four regions had combined storage above 90%: Upper Coast 96%, East 98%, North Central 97%, and South Central 94%. The High Plains (7%) and Trans-Pecos regions (24%) remained very low. Storage increased in 7 regions and decreased in 2 regions over the month. Compared to last April, storage increased in 5 regions but decreased in 4 regions.

* Only the Texas share of storage in border reservoirs is counted.

## CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS




Figures are based on the end of the month data at 109 major reservoirs that represent 95 percent of the total conservation storage capacity of the 175 major water supply reservoirs in Texas. Reservoirs with a conservation storage capacity of 5,000 acre-feet or greater are included.

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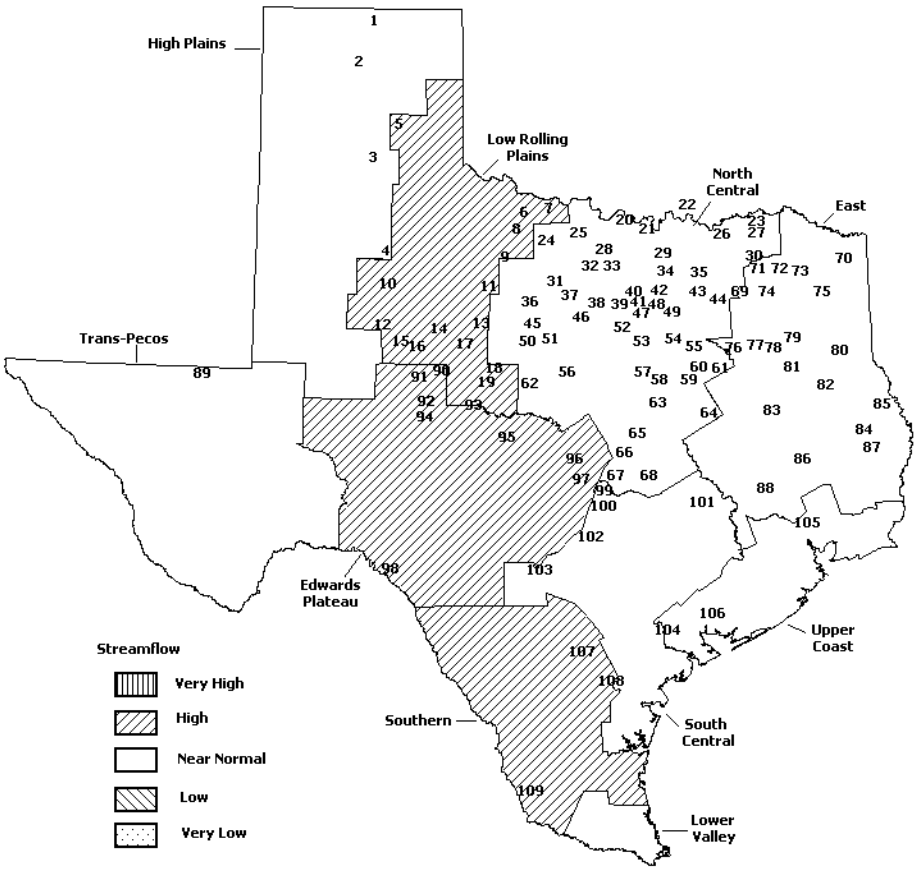
# *STREAMFLOW*

Of 29 reporting index stations in April, computed 30-day mean flows were very high (<5%) at 1 station, high (5% - 30%) at 12 stations, low (70% - 95%) at 2 stations, and near normal (30% - 70%) at the remaining 14 stations. Compared to March, flows have increased at 13 index stations and decreased at 16 stations.

On a regional basis, flows in April were high in the Southern, Edwards Plateau, and Low Rolling Plains regions, and near normal everywhere else. Streamflow in the Lower Valley Region is not monitored.

## *APRIL STREAMFLOW CONDITIONS*




Reservoirs Shown on Map

1. Palo Duro Reservoir
2. Meredith, Lake
3. MacKenzie Reservoir
4. White River Lake
5. Greenbelt Lake
6. Electra, Lake
7. N. Fork Buffalo Creek Reservoir
8. Kemp, Lake
9. Miller's Creek Reservoir
10. Alan Henry Reservoir
11. Stamford, Lake
12. Lake J. B. Thomas
13. Fort Phantom Hill, Lake
14. Sweetwater, Lake
15. Colorado City, Lake
16. Champion Creek Reservoir
17. Abilene, Lake
18. Coleman, Lake
19. Hords Creek Lake
20. Farmers Creek Reservoir
21. Hubert H Moss Lake
22. Texoma, Lake
23. Pat Mayse Lake
24. Lake Kickapoo
25. Lake Arrowhead
26. Bonham, Lake
27. Crook, Lake
28. Amon G Carter, Lake
29. Ray Roberts, Lake
30. Jim Chapman Lake
31. Graham, Lake
32. Lost Creek Reservoir
33. Bridgeport Reservoir
34. Lewisville Lake
35. Lavon Lake
36. Hubbard Creek Reservoir
37. Possum Kingdom Lake
38. Mineral Wells, Lake
39. Weatherford, Lake
40. Eagle Mountain Lake
41. Worth, Lake
42. Grapevine Lake
43. Lake Ray Hubbard
44. New Terrell City Lake
45. Daniel, Lake
46. Palo Pinto, Lake
47. Benbrook Lake
48. Arlington, Lake
49. Joe Pool Lake
50. Cisco, Lake
51. Leon, Lake
52. Lake Granbury
53. Pat Cleburne, Lake
54. Waxahachie, Lake
55. Bardwell Lake
56. Proctor Lake
57. Whitney Lake
58. Aquilla Lake
59. Navarro Mills Lake
60. Halbert, Lake
61. Richland-Chambers Reservoir
62. Lake Brownwood
63. Waco Lake
64. Limestone, Lake
65. Belton Lake
66. Stillhouse Hollow Lake
67. Georgetown, Lake
68. Granger Lake
69. Tawakoni, Lake
70. Wright Patman Lake
71. Sulphur Springs, Lake
72. Cypress Springs, Lake
73. Bob Sandlin, Lake
74. Fork Reservoir, Lake
75. O' the Pines, Lake
76. Cedar Creek Reservoir Trinity
77. Athens, Lake
78. Palestine, Lake
79. Tyler, Lake
80. Murvaul, Lake
81. Jacksonville, Lake
82. Nacogdoches, Lake
83. Houston County Lake
84. Sam Rayburn Reservoir
85. Toledo Bend Reservoir
86. Livingston, Lake
87. B. A. Steinhagen Lake
88. Conroe, Lake
89. Red Bluff Reservoir
90. Oak Creek Reservoir
91. E. V. Spence Reservoir
92. O. C. Fisher Lake
93. O. H. Ivie Reservoir
94. Twin Buttes Reservoir
95. Brady Creek Reservoir
96. Buchanan, Lake
97. Lyndon B Johnson, Lake
98. Amistad Reservoir, Intl.
99. Travis, Lake
100. Austin, Lake
101. Somerville Lake
102. Canyon Lake
103. Medina Lake
104. Coleto Creek Reservoir
105. Lake Houston
106. Texana, Lake
107. Choke Canyon Reservoir
108. Lake Corpus Christi
109. Falcon Reservoir, Intl.

# CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of Lake or Reservoir | No. on Map | Conservation Storage Capacity (acre-feet) | Conservation Storage Late Apr. 2010 (acre-feet) | (%) | Change since Late March 2010 (acre-feet) | (%) | Change since Late April 2009 (acre-feet) | (%) |
|---|---|---|---|---|---|---|---|---|
| **HIGH PLAINS** | | | | | | | | |
| Palo Duro Reservoir | 1 | 60,897 | 260 | 0 | 0 | 0 | -487 | -1 |
| Meredith, Lake (Texas) | 2 | 500,000 | 32,230 | 6 | 84 | 0 | -24,218 | -5 |
| Meredith, Lake (Texas & Oklahoma) | (2) | 779,556 | 32,230 | 4 | 84 | 0 | -24,218 | -3 |
| MacKenzie Reservoir | 3 | 46,429 | 7,039 | 15 | 1,348 | 3 | 1,155 | 2 |
| White River Lake | 4 | 29,880 | 4,382 | 15 | 1,510 | 5 | -1,442 | -5 |
| TOTAL | | 637,206 | 43,911 | 7 | 2,942 | 0 | -24,992 | -4 |
| **LOW ROLLING PLAINS** | | | | | | | | |
| Greenbelt Lake | 5 | 59,500 | 17,142 | 29 | 1,190 | 2 | -1,208 | -2 |
| *Electra, Lake | 6 | 5,626 | 684 | 12 | 58 | 1 | -102 | -2 |
| N. Fork Buffalo Crk Reservoir | 7 | 15,400 | 6,289 | 41 | 512 | 3 | 2,280 | 15 |
| Kemp, Lake | 8 | 245,308 | 245,308 | 100 | 47,587 | 19 | 99,049 | 40 |
| Millers Creek Reservoir | 9 | 27,888 | 19,012 | 68 | 3,518 | 13 | 4,287 | 15 |
| Alan Henry Reservoir | 10 | 94,808 | 94,808 | 100 | 8,362 | 9 | 2,975 | 3 |
| Stamford, Lake | 11 | 51,570 | 51,570 | 100 | 6,492 | 13 | 19,225 | 37 |
| J B Thomas, Lake | 12 | 199,931 | 16,421 | 8 | 6,659 | 3 | 2,210 | 1 |
| Fort Phantom Hill, Lake | 13 | 70,030 | 52,744 | 75 | -33 | 0 | -4,395 | -6 |
| Sweetwater, Lake | 14 | 10,006 | 6,625 | 66 | 419 | 4 | -411 | -4 |
| Colorado City, Lake | 15 | 31,793 | 17,812 | 56 | 325 | 1 | -3,130 | -10 |
| Champion Creek Reservoir | 16 | 41,618 | 7,714 | 19 | -16 | 0 | -1,177 | -3 |
| Abilene, Lake | 17 | 6,099 | 4,643 | 76 | 648 | 11 | 1,730 | 28 |
| Coleman, Lake | 18 | 38,076 | 24,817 | 65 | -290 | -1 | -1,722 | -5 |
| Hords Creek Lake | 19 | 5,684 | 1,300 | 23 | -99 | -2 | -1,129 | -20 |
| TOTAL | | 903,337 | 566,889 | 63 | 75,332 | 8 | 118,482 | 13 |
| **NORTH CENTRAL** | | | | | | | | |
| Nocona, Lake (Farmers Crk) | 20 | 21,445 | 21,445 | 100 | 0 | 0 | 0 | 0 |
| Hubert H Moss Lake | 21 | 24,058 | 24,036 | 100 | -22 | 0 | -22 | 0 |
| Texoma, Lake (Texas) | 22 | 1,185,688 | 1,185,688 | 100 | 0 | 0 | 0 | 0 |
| Texoma, Lake (Texas & Oklahoma) | (22) | 2,371,376 | 2,371,376 | 100 | 0 | 0 | 0 | 0 |
| *Pat Mayse Lake | 23 | 118,100 | 118,100 | 100 | 0 | 0 | 0 | 0 |
| Kickapoo, Lake | 24 | 85,825 | 72,363 | 84 | 12,946 | 15 | 35,015 | 41 |
| Arrowhead, Lake | 25 | 235,997 | 196,006 | 83 | 26,705 | 11 | 38,462 | 16 |
| Bonham, Lake | 26 | 11,026 | 10,666 | 97 | -349 | -3 | 268 | 2 |
| Crook, Lake | 27 | 9,195 | 8,895 | 97 | -300 | -3 | -300 | -3 |
| Amon G Carter, Lake | 28 | 19,903 | 19,903 | 100 | 0 | 0 | 4,440 | 22 |
| Ray Roberts, Lake | 29 | 798,758 | 796,136 | 100 | -2,622 | 0 | 45,982 | 6 |
| Jim Chapman Lake (Cooper) | 30 | 260,332 | 255,469 | 98 | -4,863 | -2 | 77,834 | 30 |
| Graham, Lake | 31 | 45,260 | 45,260 | 100 | 2,197 | 5 | 5,319 | 12 |
| *Lost Creek Reservoir | 32 | 11,950 | 11,950 | 100 | 0 | 0 | 1,811 | 15 |
| Bridgeport, Lake | 33 | 366,236 | 366,236 | 100 | 16,732 | 5 | 52,566 | 14 |
| Lewisville Lake | 34 | 543,988 | 542,827 | 100 | -1,161 | 0 | 102,559 | 19 |
| Lavon Lake | 35 | 443,844 | 443,844 | 100 | 0 | 0 | 57,127 | 13 |
| Hubbard Creek Reservoir | 36 | 318,067 | 216,221 | 68 | -120 | 0 | -26,517 | -8 |
| Possum Kingdom Lake | 37 | 540,340 | 528,483 | 98 | 11,904 | 2 | 52,863 | 10 |
| *Mineral Wells, Lake | 38 | 7,065 | 7,065 | 100 | 0 | 0 | 2,093 | 30 |
| Weatherford, Lake | 39 | 18,645 | 18,587 | 100 | -58 | 0 | 6,137 | 33 |
| Eagle Mountain Lake | 40 | 182,500 | 182,500 | 100 | 0 | 0 | 39,320 | 22 |
| Worth, Lake | 41 | 24,500 | 24,500 | 100 | 0 | 0 | 7,609 | 31 |
| Grapevine Lake | 42 | 164,702 | 164,702 | 100 | 0 | 0 | 47,400 | 29 |
| Ray Hubbard, Lake | 43 | 452,040 | 446,254 | 99 | -5,166 | -1 | 17,654 | 4 |
| New Terrell City Lake | 44 | 8,583 | 8,583 | 100 | 0 | 0 | 822 | 10 |
| Daniel, Lake | 45 | 9,435 | 4,257 | 45 | -33 | 0 | -1,530 | -16 |
| Palo Pinto, Lake | 46 | 27,150 | 27,150 | 100 | 0 | 0 | 15,036 | 55 |
| Benbrook Lake | 47 | 85,648 | 85,105 | 99 | -543 | -1 | 14,298 | 17 |
| Arlington, Lake | 48 | 38,740 | 38,512 | 99 | -228 | -1 | 1,120 | 3 |

# CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of Lake or Reservoir | No. on Map | Conservation Storage Capacity (acre-feet) | Conservation Storage Late Apr. (acre-feet) | 2010 (%) | Change since Late March 2010 (acre-feet) | (%) | Change since Late April 2009 (acre-feet) | (%) |
|---|---|---|---|---|---|---|---|---|
| **NORTH CENTRAL (Continue)** | | | | | | | | |
| Joe Pool Lake | 49 | 142,861 | 142,861 | 100 | 0 | 0 | 4,871 | 3 |
| *Cisco, Lake | 50 | 26,000 | 16,538 | 64 | -144 | -1 | -1,903 | -7 |
| Leon, Lake | 51 | 26,421 | 19,840 | 75 | 578 | 2 | 12 | 0 |
| Granbury, Lake | 52 | 128,046 | 125,856 | 98 | 1,586 | 1 | 9,966 | 8 |
| Pat Cleburne, Lake | 53 | 25,730 | 25,730 | 100 | 0 | 0 | 4,548 | 18 |
| Waxahachie, Lake | 54 | 10,779 | 10,779 | 100 | 0 | 0 | 134 | 1 |
| Bardwell Lake | 55 | 46,122 | 46,122 | 100 | 0 | 0 | 4,480 | 10 |
| Proctor Lake | 56 | 55,457 | 53,321 | 96 | 3,681 | 7 | 19,421 | 35 |
| Whitney, Lake | 57 | 553,349 | 553,349 | 100 | 10,752 | 2 | 180,176 | 33 |
| Aquilla Lake | 58 | 45,092 | 45,092 | 100 | 0 | 0 | 0 | 0 |
| Navarro Mills Lake | 59 | 55,817 | 55,817 | 100 | 0 | 0 | 0 | 0 |
| *Halbert, Lake | 60 | 6,033 | 5,271 | 87 | -185 | -3 | 1,136 | 19 |
| Richland-Chambers Reservoir | 61 | 1,103,816 | 1,103,816 | 100 | 0 | 0 | 117,264 | 11 |
| *Brownwood, Lake | 62 | 131,429 | 104,271 | 79 | 10,387 | 8 | 6,484 | 5 |
| Waco, Lake | 62 | 198,943 | 198,943 | 100 | 0 | 0 | 0 | 0 |
| Limestone, Lake | 64 | 208,015 | 208,015 | 100 | 244 | 0 | 0 | 0 |
| Belton Lake | 65 | 435,225 | 414,523 | 95 | 1,067 | 0 | -13,596 | -3 |
| Stillhouse Hollow Lake | 66 | 227,771 | 227,771 | 100 | 0 | 0 | 10,826 | 5 |
| Georgetown, Lake | 67 | 36,823 | 36,823 | 100 | 0 | 0 | 17,566 | 48 |
| Granger Lake | 68 | 52,525 | 44,140 | 84 | -36 | 0 | 1,502 | 3 |
| Tawakoni, Lake | 69 | 888,126 | 888,126 | 100 | 0 | 0 | 143,690 | 16 |
| TOTAL | | 10,463,400 | 10,197,747 | 97 | 82,949 | 1 | 1,103,943 | 11 |
| **EAST** | | | | | | | | |
| Wright Patman Lake | 70 | 307,973 | 296,808 | 96 | 174,215 | 57 | 44,892 | 15 |
| *Sulphur Springs, Lake | 71 | 17,838 | 17,236 | 97 | -109 | -1 | -602 | -3 |
| Cypress Springs, Lake | 72 | 67,689 | 67,689 | 100 | 0 | 0 | 0 | 0 |
| Bob Sandlin, Lake | 73 | 200,579 | 200,579 | 100 | 0 | 0 | 0 | 0 |
| Fork Reservoir, Lake | 74 | 604,927 | 604,927 | 100 | 0 | 0 | 0 | 0 |
| O the Pines, Lake | 75 | 238,933 | 238,933 | 100 | 0 | 0 | 0 | 0 |
| Cedar Creek Reservoir in Trinity | 76 | 644,686 | 642,114 | 100 | -2,572 | 0 | -2,572 | 0 |
| Athens, Lake | 77 | 29,435 | 29,435 | 100 | 0 | 0 | 0 | 0 |
| Palestine, Lake | 78 | 370,907 | 368,299 | 99 | -2,608 | -1 | -2,608 | -1 |
| Tyler, Lake | 79 | 73,256 | 73,256 | 100 | 0 | 0 | 0 | 0 |
| Murvaul, Lake | 80 | 38,284 | 38,284 | 100 | 0 | 0 | 0 | 0 |
| Jacksonville, Lake | 81 | 30,300 | 30,300 | 100 | 0 | 0 | 0 | 0 |
| Nacogdoches, Lake | 82 | 39,521 | 38,367 | 97 | -854 | -2 | -1,154 | -3 |
| Houston County Lake | 83 | 17,113 | 17,113 | 100 | 0 | 0 | 0 | 0 |
| Sam Rayburn Reservoir | 84 | 2,857,077 | 2,829,012 | 99 | -28,065 | -1 | 111,225 | 4 |
| Toledo Bend Reservoir (Texas) | 85 | 2,236,450 | 2,113,711 | 95 | 0 | 0 | -114,673 | -5 |
| Toledo Bend Reservoir (TX & LA) | (85) | 4,472,900 | 4,227,423 | 95 | 0 | 0 | -229,346 | -5 |
| *Livingston, Lake | 86 | 1,741,867 | 1,741,867 | 100 | 0 | 0 | 0 | 0 |
| B A Steinhagen Lake | 87 | 66,966 | 61,522 | 92 | 2,016 | 3 | -907 | -1 |
| Conroe, Lake | 88 | 416,188 | 413,849 | 99 | -1,949 | 0 | -2,339 | -1 |
| TOTAL | | 9,999,989 | 9,823,301 | 98 | 140,074 | 1 | 31,262 | 0 |
| **TRANS-PECOS** | | | | | | | | |
| Red Bluff Reservoir | 89 | 289,670 | 70,635 | 24 | -1,569 | -1 | -4,379 | -2 |
| TOTAL | | 289,670 | 70,635 | 24 | -1,569 | -1 | -4,379 | -2 |

## CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

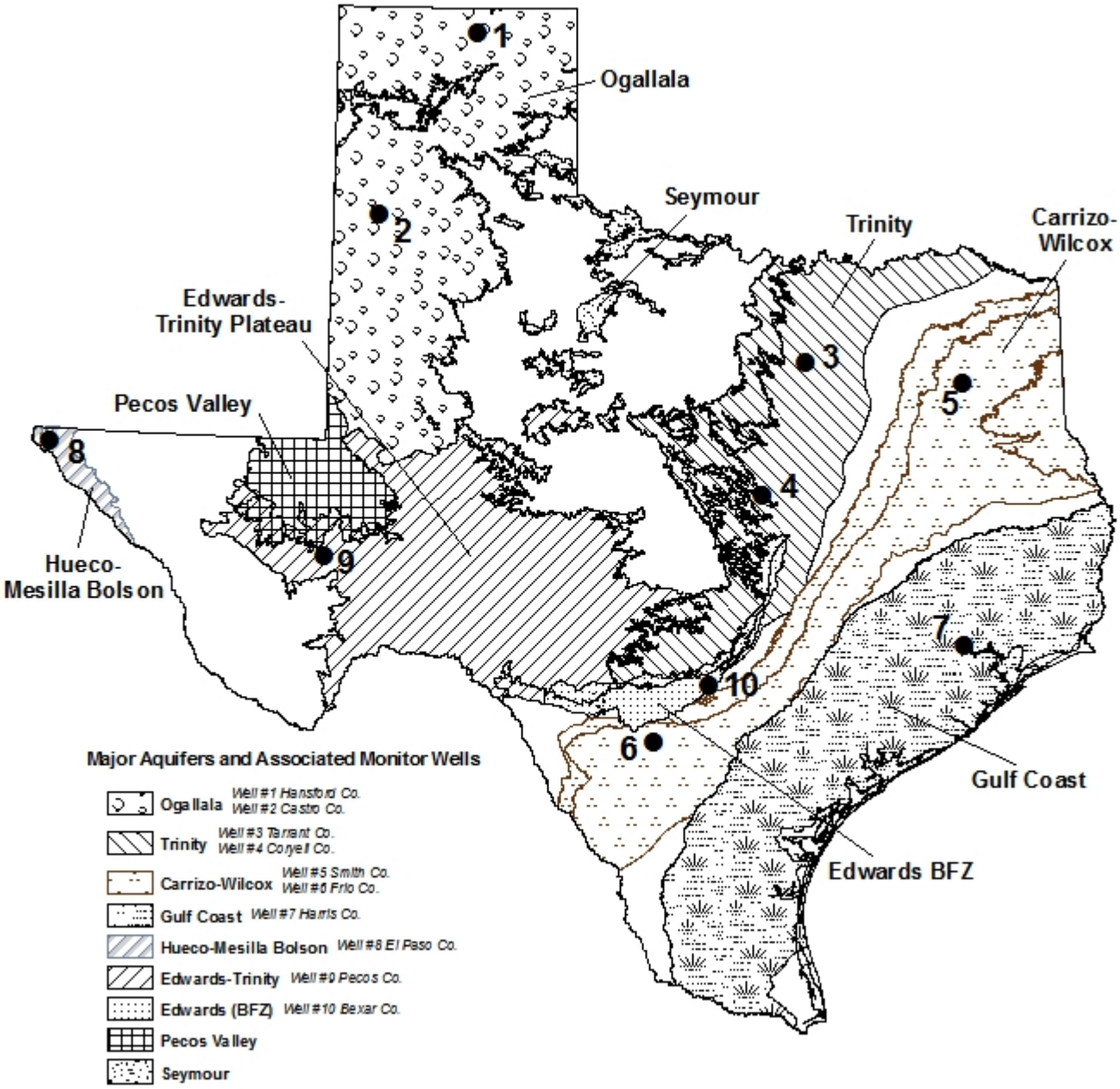
| Name of Lake or Reservoir | No. on Map | Conservation Storage Capacity (acre-feet) | Conservation Storage Late Apr. 2010 (acre-feet) | (%) | Change since Late March 2010 (acre-feet) | (%) | Change since Late April 2009 (acre-feet) | (%) |
|---|---|---|---|---|---|---|---|---|
| **EDWARDS PLATEAU** | | | | | | | | |
| Oak Creek Reservoir | 90 | 39,260 | 25,969 | 66 | 1,639 | 4 | -2,232 | -6 |
| E V Spence Reservoir | 91 | 517,272 | 24,637 | 5 | 1,640 | 0 | -20,610 | -4 |
| O C Fisher Lake | 92 | 79,483 | 0 | 0 | 0 | 0 | 0 | 0 |
| *O H Ivie Reservoir | 93 | 554,335 | 236,868 | 43 | -3,255 | -1 | -50,288 | -9 |
| Twin Buttes Reservoir | 94 | 177,850 | 37,059 | 21 | 1,431 | 1 | -7,894 | -4 |
| Brady Creek Reservoir | 95 | 29,110 | 17,333 | 60 | 15 | 0 | 1,228 | 4 |
| Buchanan, Lake | 96 | 824,519 | 672,789 | 82 | 41,748 | 5 | 100,490 | 12 |
| Lyndon B Johnson, Lake | 97 | 113,690 | 110,668 | 97 | -1,350 | -1 | -1,093 | -1 |
| *Amistad Reservoir (Texas) | 98 | 1,840,849 | 1,766,000 | 96 | 42,000 | 2 | -79,000 | -4 |
| *Amistad Reservoir (TX & Mexico) | (98) | 3,275,532 | 3,169,000 | 97 | 59,000 | 2 | -106,532 | -3 |
| TOTAL | | 4,176,368 | 2,891,323 | 69 | 83,868 | 2 | -59,399 | -1 |
| **SOUTH CENTRAL** | | | | | | | | |
| Travis, Lake | 99 | 1,113,902 | 1,113,902 | 100 | 0 | 0 | 418,460 | 38 |
| *Austin, Lake | 100 | 21,804 | 20,609 | 95 | -514 | -2 | -393 | -2 |
| Somerville Lake | 101 | 147,104 | 147,104 | 100 | 0 | 0 | 6,829 | 5 |
| Canyon Lake | 102 | 378,781 | 378,781 | 100 | 0 | 0 | 90,793 | 24 |
| Medina Lake | 103 | 254,823 | 146,855 | 58 | 41,864 | 16 | 28,760 | 11 |
| *Coleto Creek Reservoir | 104 | 31,040 | 31,040 | 100 | 0 | 0 | 5,154 | 17 |
| TOTAL | | 1,947,454 | 1,838,291 | 94 | 41,350 | 2 | 549,603 | 28 |
| **UPPER COAST** | | | | | | | | |
| Houston, Lake | 105 | 128,863 | 128,863 | 100 | 0 | 0 | 0 | 0 |
| Texana, Lake | 106 | 153,246 | 143,369 | 94 | -9,877 | -6 | 20,192 | 13 |
| TOTAL | | 282,109 | 272,232 | 96 | -9,877 | -4 | 20,192 | 7 |
| **SOUTHERN** | | | | | | | | |
| Choke Canyon Reservoir | 107 | 695,262 | 602,025 | 87 | 118,350 | 17 | 70,888 | 10 |
| Corpus Christi, Lake | 108 | 256,961 | 230,933 | 90 | 76,058 | 30 | 96,884 | 38 |
| *Falcon Reservoir (Texas) | 109 | 1,551,034 | 1,094,000 | 71 | 32,000 | 2 | -330,000 | -21 |
| *Falcon Reservoir (TX & Mexico) | (109) | 2,646,817 | 1,955,000 | 74 | 86,000 | 3 | -243,000 | -9 |
| TOTAL | | 2,503,257 | 1,926,958 | 77 | 226,408 | 9 | -162,228 | -6 |
| **STATE TOTAL** | | 31,202,790 | 27,631,287 | 89 | 641,477 | 2 | 1,572,484 | 5 |

*** Conservation volume is used as conservation storage capacity because the dead storage is unknown.**

### Note

Conservation storage capacity is the space available to store water above the lowest outlet and below the top of conservation pool, or normal maximum operating level. Conservation storage refers to the volume of water held within the conservation storage space. Not included is any water in flood control storage (above the top of conservation pool or normal maximum operating level), or any water in the dead storage. Conservation storage percentage is based on the conservation storage capacity of the reservoir and the conservation storage in the reservoir on date shown. Percent change is given by 100*(current conservation storage - past conservation storage)/conservation storage capacity. Figures shown are for the Texas share of conservation storage in all reservoirs.

# ROUNDWATER LEVELS IN OBSERVATION WELLS

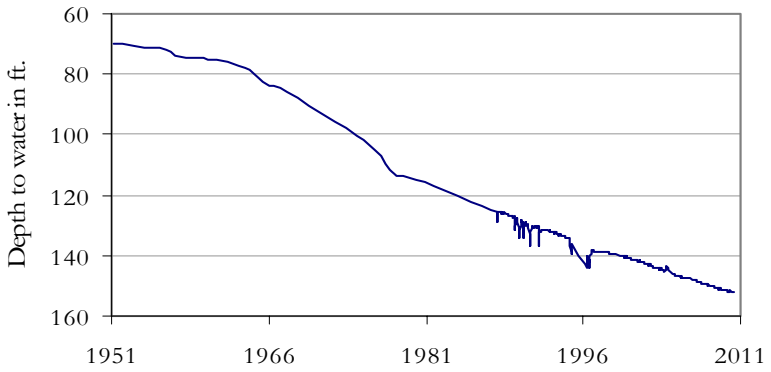



April, 2010

Water level measurements were available for all ten key monitoring wells. Water levels rose in four of the ten monitoring wells since the beginning of April, ranging from 0.58 feet in the Smith County Carrizo-Wilcox well to 2.67 feet in the Bexar County Edwards BFZ well. Water levels declined in the remaining monitoring wells, ranging from 0.08 feet in the Castro County Ogallala well to 15.47 feet in the Frio County Carrizo-Wilcox well. The J-17 well in San Antonio recorded a water level of 50.32 feet below land surface, 2.67 feet above last month's measurement. This water level is 20.68 feet above the Stage 1 critical management level.

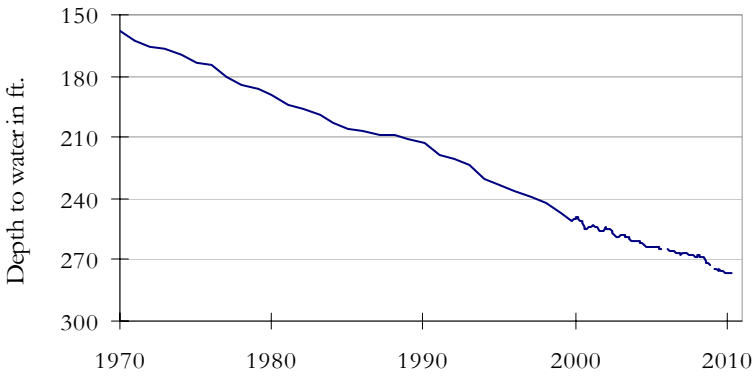
# APRIL GROUNDWATER LEVELS IN OBSERVATION WELLS

**(1) State Well ID 03-54-301**
**Near Spearman, Hansford County**
**Ogallala Aquifer**



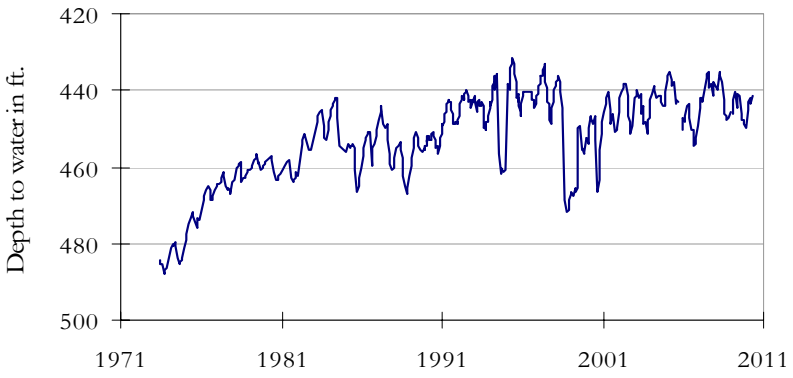

The late April water level measurement in this Ogallala Aquifer well, elevation 2,962 feet above sea level, was 151.85 feet below land surface. This measurement was 0.10 feet below last month's measurement, 0.79 feet below last year's measurement, and 81.73 feet below the initial measurement recorded in 1951.

**(2) State Well ID 10-45-102**
**Southwest Castro County**
**Ogallala Aquifer**




The late April water level measurement in this Ogallala Aquifer well, elevation 3,816 feet above sea level, was 276.70 feet below land surface. This measurement was 0.08 feet below last month's measurement, 1.81 feet below last year's measurement, and 120.70 feet below the initial measurement recorded in 1968.

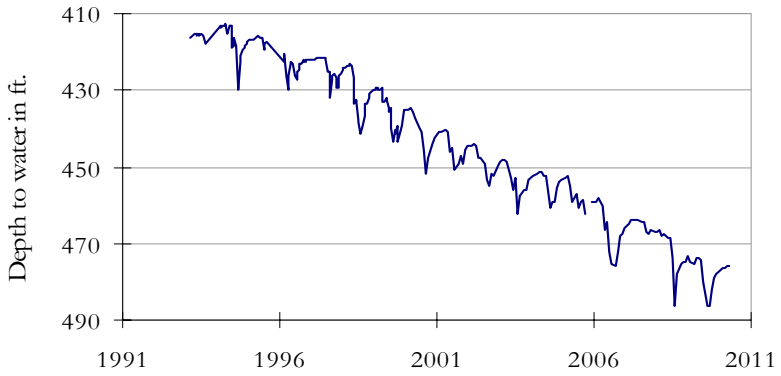
**(3) State Well ID 32-15-504**
**Near Hurst, Tarrant County**
**Paluxy Formation-Trinity Aquifer**




The late April water level measurement in this Paluxy Formation Trinity Aquifer well, elevation 535 feet above sea level, was 441.46 feet below land surface. This measurement was 1.84 feet above last month's measurement, 3.23 feet above last year's measurement, and 63.46 feet below the initial measurement recorded in 1955.

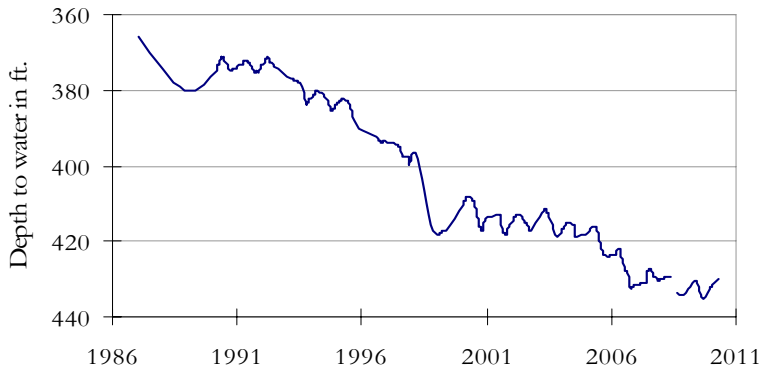
*** ID is used in this publication to differentiate between the monitoring well number (1 - 10) as displayed on the aquifer map and the TWDB's six- or seven-digit state well "identification" number.**

**(4) State Well ID 40-35-404**
**Gatesville, Coryell County**
**Hosston Formation-Trinity Aquifer**



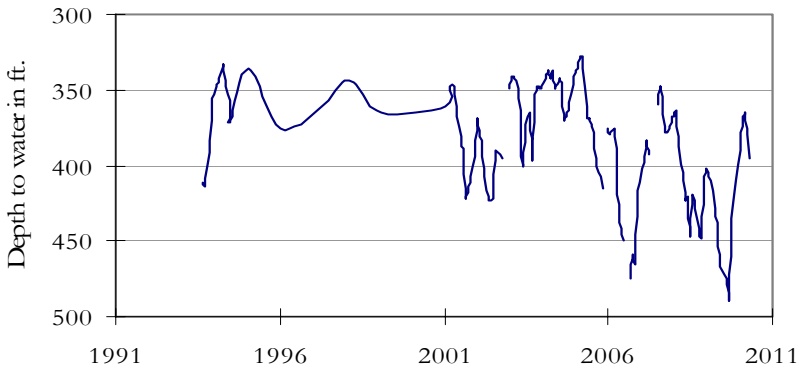

The late April water level measurement in this Hosston Formation Trinity Aquifer well, elevation 823 feet above sea level, was 476.04 feet below land surface. This water level was 0.28 feet below last month's measurement, 2.22 feet below last year's measurement, and 184.04 feet below the initial measurement recorded in 1955.

**(5) State Well ID 34-30-907**
**Red Springs, Smith County**
**Carrizo-Wilcox Aquifer**



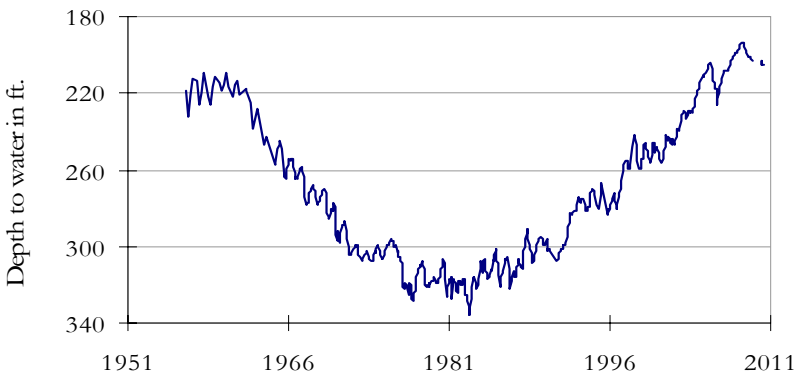

The late April water level measurement in this Carrizo-Wilcox Aquifer well, elevation 555 feet above sea level, was 429.72 feet below land surface. This water level was 0.58 feet above last month's measurement, 0.98 feet above last year's measurement, and 63.72 feet below the initial measurement recorded in 1987.

**(6) State Well ID 77-08-803**
**Pearsall, Frio County**
**Carrizo-Wilcox Aquifer**



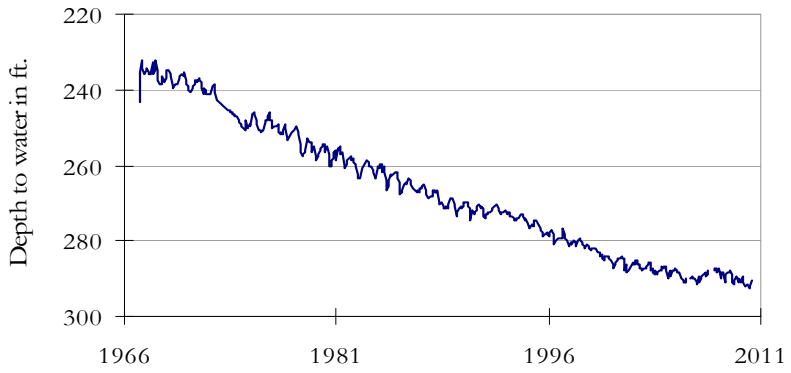

The late April water level measurement in this Carrizo-Wilcox Aquifer well, elevation 652 feet above sea level, was 395.40 feet below land surface. This was 15.47 feet below last month's measurement, 46.98 feet above last year's measurement, and 115.40 feet below the initial measurement recorded in 1963.

**(7) State Well ID 65-14-409**
**Alief, Harris County**
**Evangeline Formation-Gulf Coast Aquifer**



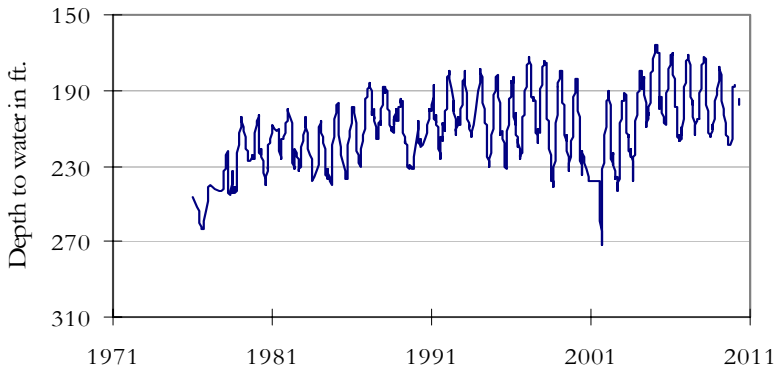

The late April water level measurement in this Evangeline Formation Gulf Coast Aquifer well, elevation 66 feet above sea level, was 205.61 feet below land surface. This was 0.95 feet below last month's measurement, and 70.11 feet below the initial measurement recorded in 1947.

**(8) State Well ID 49-13-301**
**El Paso, El Paso County**
**Hueco-Mesilla Bolson Aquifer**



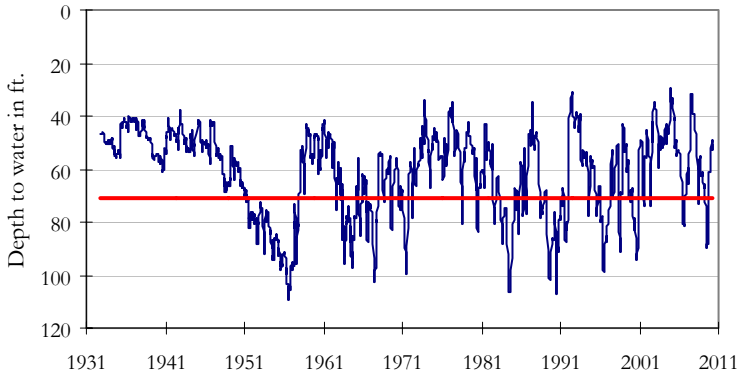

The late April water level measurement in this Hueco-Mesilla Bolson Aquifer well, elevation 3,882 feet above sea level, was 290.26 feet below land surface. This water level was 1.84 feet above last month's measurement, 0.90 feet below last year's measurement, and 58.36 feet below the initial measurement recorded in 1964.

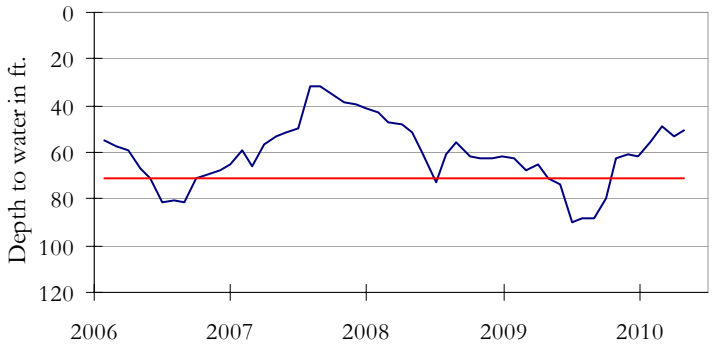
**(9) State Well ID 52-16-802**
**Fort Stockton, Pecos County**
**Edwards-Trinity (Plateau) Aquifer**




The late April water level measurement in this Edwards-Trinity Plateau Aquifer well, elevation 3,199 feet above sea level was 198.10 feet below land surface. This water level was 3.13 feet below last month's measurement, 5.20 feet above last year's measurement, and 48.78 feet above the initial measurement recorded in 1976.

**(10) State Well ID 68-37-203 (J-17)**
**In San Antonio, Bexar County**
**Edwards (BFZ) Aquifer**

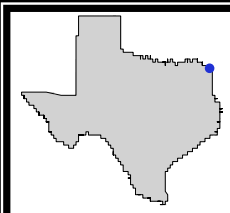



The late April water level measurement in this Edwards (BFZ) Aquifer well, elevation 731 feet above sea level, was 50.32 feet below land surface. This was 2.67 feet above last month's measurement, 20.48 feet above last year's measurement, and 3.68 feet below the initial measurement recorded in 1932.

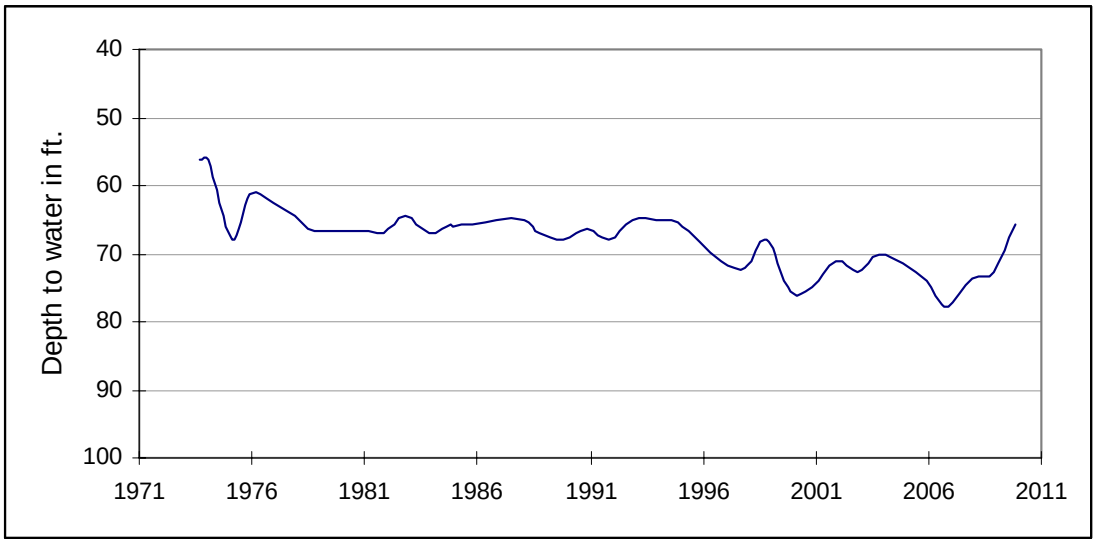
***** Water levels below the red line indicate Edwards Aquifer Authority Stage 1 drought restrictions. *****

## *HYDROGRAPH OF THE MONTH*



Each month this space features a new hydrograph (marked with the • symbol on the map) depicting different aquifers and different conditions in Texas.

**State Well ID 16-35-101**
**Bowie County**




This water level observation well, located 6 miles southwest of De Kalb, at an elevation of 422 feet above sea level, was completed in the Nacatoch Aquifer. Water from the aquifer is used for domestic and livestock purposes in northeast Texas. No significant water level declines have been observed in the Nacatoch Aquifer.

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