

Texas Water Conditions Report

April 2025



Water News:

Our TWDB field teams never know who may be paying a visit to our evaporation buoys installed on Lakes Buchanan, Choke Canyon, Red Bluff, and Meredith. Birds, bees, spiders, and zebra mussels; maintenance trips are never dull.

RAINFALL

In April, little to no rain [yellow, orange, and red shading, Figure 1(a)] fell over the western, central, and southern portions of the state. The central High Plains, Low Rolling plains, northern North Central, portions of East Texas, areas of western and southern Edwards Plateau, and eastern and southwestern Upper Coast climate divisions received up to 15.9 inches this month [light and dark blue shading, Figure 1(a)].

Compared to historical data from 1991–2020, 0–75 percent of normal rainfall [yellow and orange shading, Figure 1(b)] was received in northern and southern High Plains, southern Trans Pecos, southwestern and eastern Edwards Plateau, southern North Central, areas of southern East Texas, much of the South Central, Southern, Lower Valley, and portions of the central and eastern Upper Coast climate divisions. 125–200 percent of normal rainfall [green shading, Figure 1(b)] was received in areas of the High Plains, Low Rolling Plains, Trans Pecos, Edwards Plateau, central and northeastern North Central, portions of East Texas, southern South Central, eastern Lower Valley, and areas of southern and northeastern Upper Coast climate divisions. 200–300 percent of normal rainfall [light blue shading, Figure 1(b)] was received in High Plains, Low Rolling Plains, Trans Pecos, southern and western Edwards Plateau, northwestern North Central, northern East Texas, and along the coastline of the Lower Valley, South Central, and Upper Coast climate divisions. 300–400 percent of normal rainfall [dark blue shading, Figure 1(b)] was received in an area of the central High Plains, Low Rolling Plains, areas of the Trans Pecos, northwestern Edwards Plateau, and northwestern North Central climate divisions. 400–600 percent of normal rainfall [light purple shading, Figure 1(b)] was received in the central High Plains, northern and eastern Low Rolling Plains, northern Trans Pecos, northwestern Edwards Plateau, and northwestern North Central climate divisions. 600–800 percent of normal rainfall [dark pink shading, Figure 1(b)] was received in the central High Plains, portions of eastern and northwestern Trans Pecos, northwestern Edwards Plateau climate divisions.

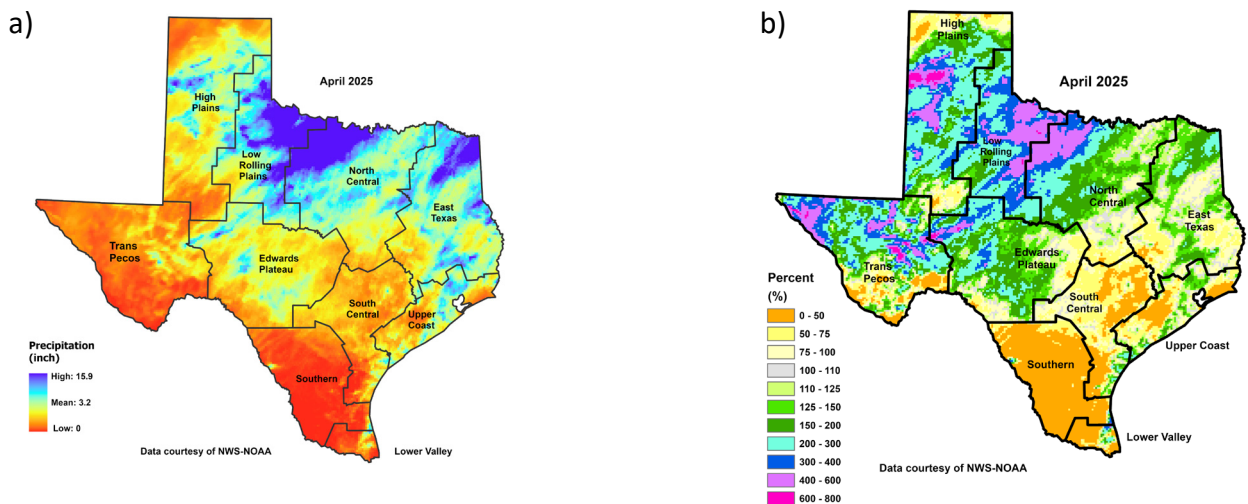


Figure 1: (a) Monthly accumulated rainfall, and (b) Percent of normal rainfall

DROUGHT

At the end of April 63.84% of the state was in the D0 (abnormally dry) through D4 (exceptional drought) categories (**Figure 2**). This is approximately 22.31% lower than the end of March.

U.S. Drought Monitor Texas

April 29, 2025

(Released Thursday, May. 1, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|-------|
| Current | 36.16 | 63.84 | 52.72 | 40.11 | 26.05 | 15.06 |
| Last Week 04-22-2025 | 18.88 | 81.12 | 58.05 | 47.24 | 29.99 | 16.83 |
| 3 Months Ago 01-28-2025 | 46.95 | 53.05 | 42.35 | 24.11 | 15.74 | 6.30 |
| Start of Calendar Year 01-07-2025 | 36.81 | 63.19 | 43.63 | 21.45 | 13.26 | 6.30 |
| Start of Water Year 10-01-2024 | 26.09 | 73.91 | 34.39 | 16.62 | 8.91 | 3.36 |
| One Year Ago 04-30-2024 | 52.78 | 47.22 | 27.41 | 13.40 | 2.05 | 0.00 |

Intensity:

| | |
|---------------------|------------------------|
| None | D2 Severe Drought |
| D0 Abnormally Dry | D3 Extreme Drought |
| D1 Moderate Drought | D4 Exceptional Drought |

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

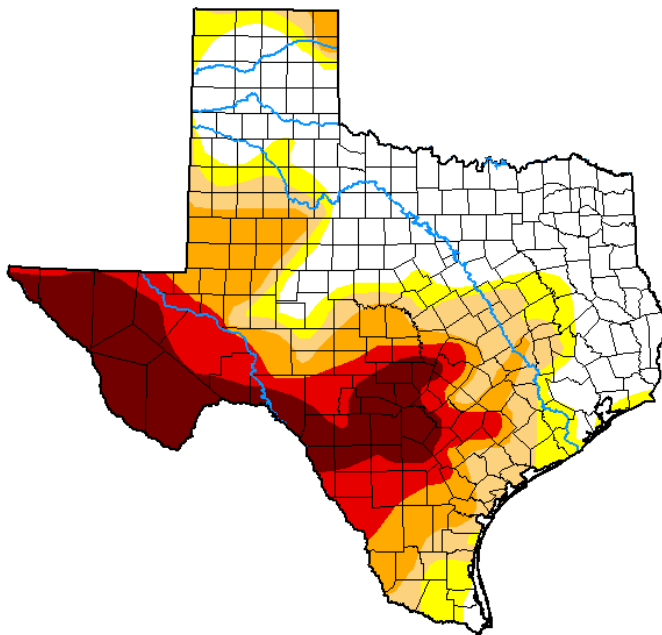


Figure 2. The percentage of drought in Texas according to the U.S. Drought Monitor map as of April 29, 2025.

RESERVOIR STORAGE

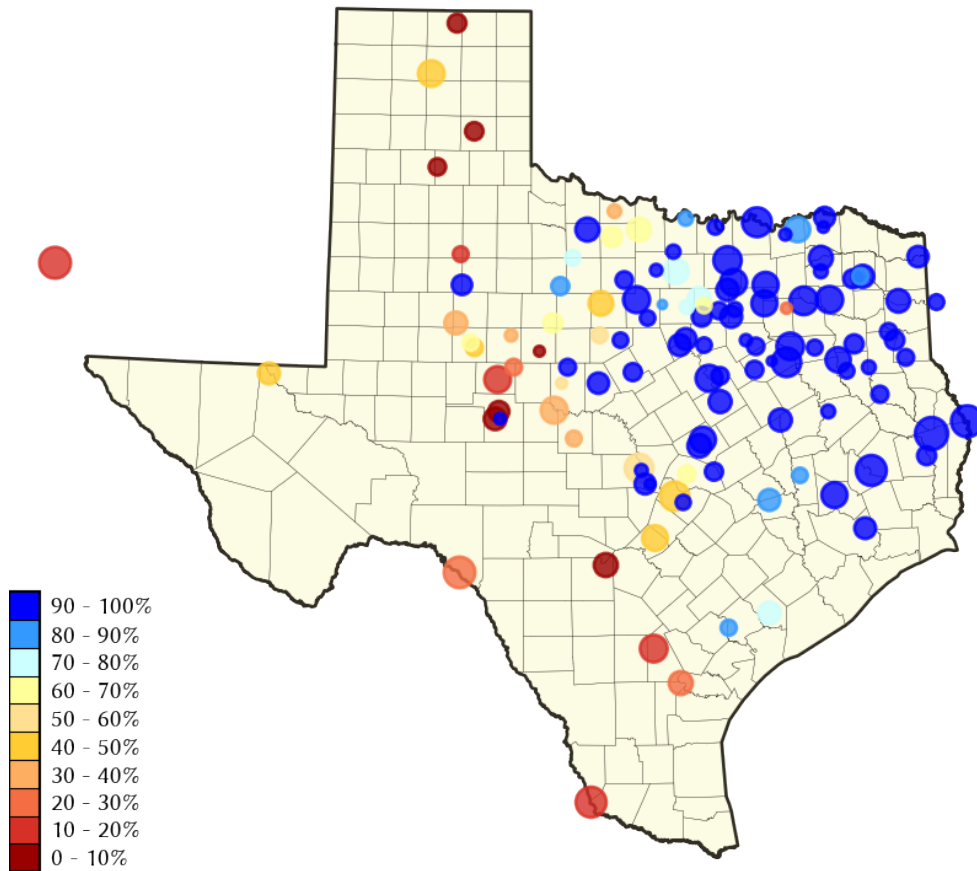


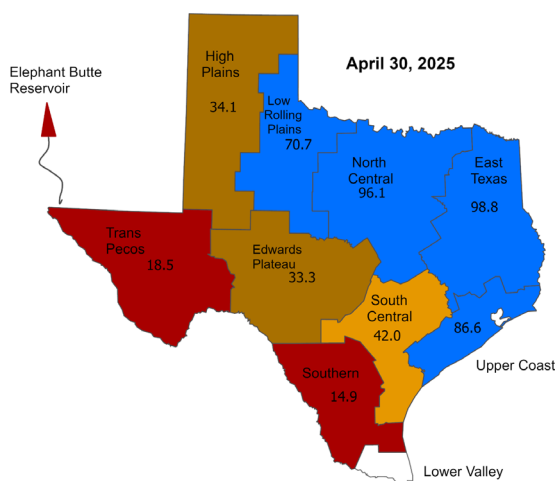
Figure 3. Reservoir conservation storage at end-April expressed as percent full (%)

Out of 119 monitored reservoirs in the state, 56 reservoirs held 100 percent conservation storage capacity, and 24 reservoirs were at or above 90 percent full this month. Fourteen reservoirs remained at or below 30 percent full: Abilene (6.6 percent full), Amistad (25.5 percent full), Choke Canyon (14.6 percent full), Corpus Christi (21.0 percent full), E.V. Spence (15.8 percent full), Falcon (14.9 percent full), Greenbelt (9.4 percent full), Mackenzie (9.2 percent full), Medina Lake (2.1 percent full), O.C. Fisher (9.9 percent full), Oak Creek (28.2 percent full), Palo Duro Reservoir (0.7 percent full), Twin Buttes (13.7 percent full), and the White River Lake (25.5 percent full). Elephant Butte Reservoir (New Mexico) was 14.3 percent full (Figure 3).

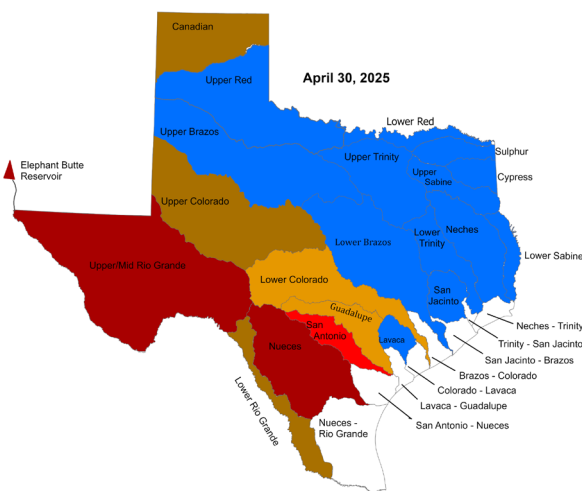
Reservoir conservation storage was at or above normal [Figure 4(a), blue shading] for East Texas (98.8 percent full), North Central (96.1 percent full), the Upper Coast (86.6 percent full), and the Low Rolling Plains (70.7 percent full) climate divisions. Conservation storage was moderately low [Figure 4(a), orange shading] for the South Central (42.0 percent full) climate division. The High Plains (34.1 percent full) and Edwards Plateau (33.3 percent full) climate divisions had severely low conservation storage [Figure 4(a), brown shading] and the Trans Pecos (18.5 percent full), and the Southern (14.9 percent full) climate divisions had extremely low conservation storage [Figure 4(a), dark red shading].

Combined conservation storage by river basin or sub-basin was exceptionally low [<10 percent full, red shading, Figure 4(b)] in the San Antonio river basin. The Upper-Mid Rio Grande, and Nueces river basins had extremely low conservation storage [10–20 percent full, dark red shading, Figure 4 (b)]. Severely low conservation storage [20–40 percent full, brown shading, Figure 4(b)] was seen in the Canadian, Upper Colorado, and Lower Rio Grande river basins. The Lower Colorado and Guadalupe river basins had moderately low conservation storage [40–60 percent full, orange shading, Figure 4(b)]. Normal to high conservation storage [>70 percent full, blue shading, Figure 4(b)] was observed in the Upper and Lower Red, Sulphur, Cypress, Upper and Lower Trinity, Upper and Lower Brazos, Neches, Lavaca, and San Jacinto river basins.

a) Regional Reservoir Storage Index*



b) Reservoir Storage Index* (by Basin/Subbasin)



Percent Full (%)

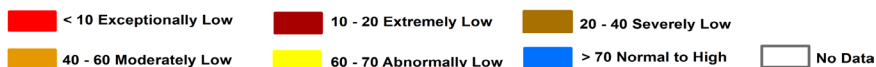


Figure 4: Reservoir Storage Index by a) climate division, and b) basin/sub-basin.

*Reservoir Storage Index is defined as the percent full of conservation storage capacity.

Percent full is calculated as the combined conservation storage of all reservoirs in a climate region or a basin/subbasin, excluding dead pool storage.

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Storage capacity | Storage at end-April 2025 | | Storage change from end-Mar 2025 | | Storage change from end-Apr 2024 | |
|--|------------------|---------------------------|-------|----------------------------------|------|----------------------------------|-------|
| | (acre-feet) | (acre-feet) | (%) | (acre-feet) | (%) | (acre-feet)** | (%) |
| Abilene, Lake | 7,900 | 523 | 6.6 | 196 | 2.5 | -384 | -4.9 |
| Alan Henry Reservoir | 96,207 | 91,414 | 95.0 | 0 | 0.0 | 7,957 | 8.3 |
| *Amistad Reservoir (Texas & Mexico) | 3,275,532 | 630,094 | 19.2 | -33,816 | -1.0 | -32,930 | -1.0 |
| *Amistad Reservoir (Texas) | 1,813,408 | 462,379 | 25.5 | -6,422 | 0.0 | -44,060 | -2.4 |
| Amon G Carter, Lake | 19,266 | 19,266 | 100.0 | 70 | 0.4 | 0 | 0.0 |
| Aquilla Lake | 43,243 | 43,243 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Arlington, Lake | 40,157 | 40,157 | 100.0 | 959 | 2.4 | 0 | 0.0 |
| Arrowhead, Lake | 230,359 | 176,213 | 76.5 | 23,947 | 10.4 | 40,142 | 17.4 |
| Athens, Lake | 29,503 | 29,503 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| *Austin, Lake | 23,972 | 22,988 | 95.9 | -248 | -1.0 | 231 | 1.0 |
| B A Steinhagen Lake | 69,186 | 66,257 | 95.8 | 1,484 | 2.1 | -2,929 | -4.2 |
| Bardwell Lake | 43,856 | 43,856 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Belton Lake | 432,631 | 394,723 | 91.2 | -3,269 | 0.0 | 39,714 | 9.2 |
| Benbrook Lake | 85,648 | 85,648 | 100.0 | 3,298 | 3.9 | 0 | 0.0 |
| Bob Sandlin, Lake | 192,417 | 192,417 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Bois d'Arc Lake | 367,609 | 341,091 | 92.8 | 14,507 | 3.9 | -26,357 | -7.2 |
| Bonham, Lake | 11,027 | 11,027 | 100.0 | 324 | 2.9 | 0 | 0.0 |
| Brady Creek Reservoir | 28,808 | 8,926 | 31.0 | -317 | -1.1 | -1,243 | -4.3 |
| Bridgeport, Lake | 372,183 | 372,183 | 100.0 | 103,769 | 27.9 | 149,219 | 40.1 |
| *Brownwood, Lake | 130,868 | 130,868 | 100.0 | 4,457 | 3.4 | 54,204 | 41.4 |
| Buchanan, Lake | 866,694 | 456,165 | 52.6 | -28,104 | -3.2 | 47,903 | 5.5 |
| Caddo, Lake | 29,898 | 29,898 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Canyon Lake | 378,781 | 175,415 | 46.3 | -4,017 | -1.1 | -47,064 | -12.4 |
| Cedar Creek Reservoir in Trinity | 644,686 | 644,686 | 100.0 | 981 | 0.2 | 0 | 0.0 |
| Champion Creek Reservoir | 41,580 | 20,070 | 48.3 | 537 | 1.3 | -3,719 | -8.9 |
| Cherokee, Lake | 40,094 | 40,094 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Choke Canyon Reservoir | 662,820 | 96,826 | 14.6 | -5,402 | 0.0 | -54,935 | -8.3 |
| *Cisco, Lake | 29,003 | 16,635 | 57.4 | 172 | 0.6 | -1,027 | -3.5 |
| Coleman, Lake | 38,075 | 38,075 | 100.0 | 1,295 | 3.4 | 15,364 | 40.4 |
| Colorado City, Lake | 31,040 | 26,937 | 86.8 | -757 | -2.4 | -3,095 | -10.0 |
| *Coleta Creek Reservoir | 30,758 | 21,443 | 69.7 | -26 | 0.0 | 6,960 | 22.6 |
| Conroe, Lake | 417,577 | 417,379 | 100.0 | -198 | 0.0 | -198 | 0.0 |
| Corpus Christi, Lake | 256,062 | 53,888 | 21.0 | -6,515 | -2.5 | -48,831 | -19.1 |
| Crook, Lake | 9,195 | 9,195 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Cypress Springs, Lake | 66,756 | 66,756 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| E. V. Spence Reservoir | 517,272 | 81,910 | 15.8 | 0 | 0.0 | 3,326 | 0.6 |
| Eagle Mountain Lake | 185,087 | 169,067 | 91.3 | 26,073 | 14.1 | 9,111 | 4.9 |
| Elephant Butte Reservoir (Texas) | 852,491 | 121,881 | 14.3 | 1,951 | 0.2 | -61,509 | -7.2 |
| Elephant Butte Reservoir (Total Storage) | 1,960,900 | 282,132 | 14.4 | 4,517 | 0.2 | -142,381 | -7.3 |
| *Falcon Reservoir (Texas & Mexico) | 2,646,817 | 312,137 | 11.8 | -31,133 | -1.2 | -133,099 | -5.0 |
| *Falcon Reservoir (Texas) | 1,562,367 | 233,320 | 14.9 | -16,844 | -1.1 | 59,450 | 3.8 |
| Fork Reservoir, Lake | 605,061 | 602,149 | 99.5 | 528 | 0.1 | -2,912 | 0.0 |
| Fort Phantom Hill, Lake | 70,030 | 50,606 | 72.3 | 6,501 | 9.3 | 3,324 | 4.7 |
| Georgetown, Lake | 38,005 | 25,434 | 66.9 | -123 | 0.0 | -5,257 | -13.8 |
| Gibbons Creek Reservoir | 25,721 | 20,944 | 81.4 | -510 | -2.0 | -4,777 | -18.6 |
| Graham, Lake | 45,288 | 45,288 | 100.0 | 3,278 | 7.2 | 12,927 | 28.5 |
| Granbury, Lake | 132,949 | 130,675 | 98.3 | -1,540 | -1.2 | 1,126 | 0.8 |

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Storage capacity | Storage at end-April 2025 | | Storage change from end-Mar 2025 | | Storage change from end-Apr 2024 | |
|------------------------------------|------------------|---------------------------|-------|----------------------------------|------|----------------------------------|-------|
| | (acre-feet) | (acre-feet) | (%) | (acre-feet) | (%) | (acre-feet)** | (%) |
| <i>Continued</i> | | | | | | | |
| Granger Lake | 51,822 | 51,822 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Grapevine Lake | 163,064 | 163,064 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Greenbelt Lake | 59,968 | 5,654 | 9.4 | 304 | 0.5 | -1,092 | -1.8 |
| *Halbert, Lake | 6,033 | 5,651 | 93.7 | 101 | 1.7 | 284 | 4.7 |
| Hords Creek Lake | 8,109 | 5,009 | 61.8 | 239 | 2.9 | 3,279 | 40.4 |
| Houston County Lake | 17,113 | 17,113 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Houston, Lake | 132,318 | 132,318 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Hubbard Creek Reservoir | 313,298 | 153,550 | 49.0 | 12,810 | 4.1 | -5,370 | -1.7 |
| Hubert H Moss Lake | 24,058 | 24,058 | 100.0 | 227 | 0.9 | 0 | 0.0 |
| Inks, Lake | 13,729 | 13,029 | 94.9 | -110 | 0.0 | 132 | 1.0 |
| J. B. Thomas, Lake | 199,931 | 75,871 | 37.9 | -1,962 | 0.0 | 37,230 | 18.6 |
| Jacksonville, Lake | 25,670 | 25,670 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Jim Chapman Lake (Cooper) | 258,723 | 258,723 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Joe Pool Lake | 149,629 | 149,629 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Kemp, Lake | 245,307 | 245,307 | 100.0 | 0 | 0.0 | 47,756 | 19.5 |
| Kickapoo, Lake | 86,345 | 68,899 | 79.8 | 11,965 | 13.9 | 15,956 | 18.5 |
| Lavon Lake | 409,757 | 409,757 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Leon, Lake | 27,762 | 27,762 | 100.0 | 1,124 | 4.0 | 14,605 | 52.6 |
| Lewisville Lake | 563,228 | 543,431 | 96.5 | 29,821 | 5.3 | -19,797 | -3.5 |
| Limestone, Lake | 203,780 | 189,860 | 93.2 | 1,081 | 0.5 | -13,920 | -6.8 |
| *Livingston, Lake | 1,603,504 | 1,603,504 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| *Lost Creek Reservoir | 11,950 | 11,950 | 100.0 | 327 | 2.7 | 679 | 5.7 |
| Lyndon B Johnson, Lake | 112,778 | 110,788 | 98.2 | -321 | 0.0 | -65 | 0.0 |
| Mackenzie Reservoir | 46,450 | 4,270 | 9.2 | 124 | 0.3 | -11 | 0.0 |
| Marble Falls, Lake | 7,597 | 7,287 | 95.9 | 84 | 1.1 | 84 | 1.1 |
| Martin, Lake | 75,726 | 75,726 | 100.0 | 148 | 0.2 | 0 | 0.0 |
| Medina Lake | 254,823 | 5,331 | 2.1 | -372 | 0.0 | -1,688 | 0.0 |
| Meredith, Lake | 500,000 | 205,702 | 41.1 | 1,992 | 0.4 | -12,590 | -2.5 |
| Millers Creek Reservoir | 26,768 | 21,715 | 81.1 | 1,249 | 4.7 | 6,465 | 24.2 |
| *Mineral Wells, Lake | 5,273 | 4,948 | 93.8 | 644 | 12.2 | -325 | -6.2 |
| Monticello, Lake | 34,740 | 30,210 | 87.0 | 147 | 0.4 | -404 | -1.2 |
| Mountain Creek, Lake | 22,850 | 22,850 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Murvaul, Lake | 38,285 | 38,285 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Nacogdoches, Lake | 39,522 | 39,522 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Nasworthy | 9,615 | 8,897 | 92.5 | 51 | 0.5 | 0 | 0.0 |
| Navarro Mills Lake | 49,827 | 49,827 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| New Terrell City Lake | 8,583 | 2,722 | 31.7 | 460 | 5.4 | -3,432 | -40.0 |
| Nocona, Lake (Farmers Crk) | 21,444 | 21,444 | 100.0 | 2,672 | 12.5 | 5,761 | 26.9 |
| North Fork Buffalo Creek Reservoir | 15,400 | 9,353 | 60.7 | 3,818 | 24.8 | 3,367 | 21.9 |
| O' the Pines, Lake | 241,363 | 241,363 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| O. C. Fisher Lake | 115,742 | 11,483 | 9.9 | 2,609 | 2.3 | 9,578 | 8.3 |
| *O. H. Ivie Reservoir | 554,340 | 223,208 | 40.3 | 6,610 | 1.2 | 77,936 | 14.1 |
| Oak Creek Reservoir | 39,210 | 11,040 | 28.2 | 896 | 2.3 | -1,353 | -3.5 |

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Storage capacity | Storage at end-April 2025 | | Storage change from end-Mar 2025 | | Storage change from end-Apr 2024 | |
|---|-------------------|---------------------------|-------------|----------------------------------|------------|----------------------------------|------------|
| | (acre-feet) | (acre-feet) | (%) | (acre-feet) | (%) | (acre-feet)** | (%) |
| <i>Continued</i> | | | | | | | |
| Palestine, Lake | 367,303 | 367,303 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Palo Duro Reservoir | 61,066 | 407 | 0.7 | -56 | 0.0 | -1,560 | -2.6 |
| Palo Pinto, Lake | 26,766 | 26,353 | 98.5 | 583 | 2.2 | 15,345 | 57.3 |
| Pat Cleburne, Lake | 26,008 | 26,008 | 100.0 | 2,314 | 8.9 | 0 | 0.0 |
| *Pat Mayse Lake | 113,683 | 113,683 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Possum Kingdom Lake | 538,139 | 534,387 | 99.3 | 8,322 | 1.5 | -3,752 | 0.0 |
| Proctor Lake | 54,762 | 54,762 | 100.0 | 230 | 0.4 | 38,473 | 70.3 |
| Ray Hubbard, Lake | 439,559 | 439,559 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Ray Roberts, Lake | 788,167 | 788,167 | 100.0 | 19,695 | 2.5 | 0 | 0.0 |
| Red Bluff Reservoir | 145,165 | 63,160 | 43.5 | 4,908 | 3.4 | 7,132 | 4.9 |
| Richland-Chambers Reservoir | 1,099,417 | 1,099,417 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Sam Rayburn Reservoir | 2,857,077 | 2,857,077 | 100.0 | 0 | 0.0 | 332,232 | 11.6 |
| Somerville Lake | 150,293 | 124,525 | 82.9 | -3,103 | -2.1 | -25,768 | -17.1 |
| Squaw Creek, Lake | 151,250 | 151,250 | 100.0 | 1,733 | 1.1 | 0 | 0.0 |
| Stamford, Lake | 51,570 | 50,209 | 97.4 | 5,541 | 10.7 | 8,575 | 16.6 |
| Stillhouse Hollow Lake | 229,796 | 203,492 | 88.6 | -3,934 | -1.7 | 47,795 | 20.8 |
| Striker, Lake | 16,878 | 16,878 | 100.0 | 273 | 1.6 | 332 | 2.0 |
| Sweetwater, Lake | 12,267 | 4,211 | 34.3 | 22 | 0.2 | -1,324 | -10.8 |
| *Sulphur Springs, Lake | 17,747 | 14,650 | 82.5 | -3,097 | -17.5 | -3,097 | -17.5 |
| Tawakoni, Lake | 871,685 | 871,685 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Texana, Lake | 158,975 | 119,974 | 75.5 | -6,057 | -3.8 | -31,511 | -19.8 |
| Texoma, Lake (Texas & Oklahoma) | 2,487,601 | 2,841,257 | 100.0 | 561,041 | 22.6 | 304,457 | 12.2 |
| Texoma, Lake (Texas) | 1,243,801 | 1,243,801 | 100.0 | 103,693 | 8.3 | 0 | 0.0 |
| Toledo Bend Reservoir (Texas & Louisiana) | 4,472,900 | 4,373,702 | 97.8 | 83,633 | 1.9 | -188,762 | -4.2 |
| Toledo Bend Reservoir (Texas) | 2,236,450 | 2,184,801 | 97.7 | 41,817 | 1.9 | -51,649 | -2.3 |
| Travis, Lake | 1,098,044 | 458,864 | 41.8 | -6,218 | 0.0 | 51,453 | 4.7 |
| Twin Buttes Reservoir | 182,454 | 25,081 | 13.7 | 11,765 | 6.4 | 299 | 0.2 |
| Tyler, Lake | 72,073 | 72,073 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Waco, Lake | 189,418 | 177,790 | 93.9 | 4,516 | 2.4 | -11,628 | -6.1 |
| Waxahachie, Lake | 11,060 | 11,060 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Weatherford, Lake | 17,812 | 12,712 | 71.4 | 149 | 0.8 | -1,447 | -8.1 |
| White River Lake | 31,846 | 8,122 | 25.5 | 1,803 | 5.7 | -1,036 | -3.3 |
| Whitney, Lake | 564,808 | 564,808 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| Worth, Lake | 24,419 | 17,390 | 71.2 | 1,810 | 7.4 | 253 | 1.0 |
| Wright Patman Lake | 122,593 | 122,593 | 100.0 | 0 | 0.0 | -187,789 | -153.2 |
| STATEWIDE TOTAL | | | | | | | |
| STATEWIDE TOTAL | 32,383,323 | 24,281,272 | 75.0 | 383,482 | 1.2 | 487,054 | 1.5 |

*Total volume below elevation of conservation pool top is used as the conservation storage capacity, because the dead pool storage is unknown.

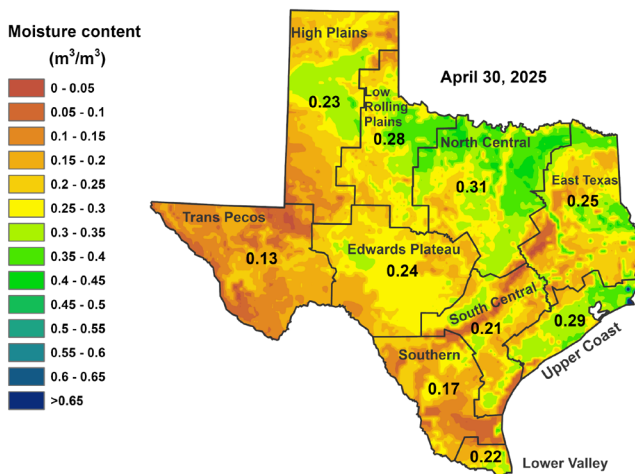
**Monthly and yearly changes do not include reservoirs that did not have data in the last month or last year, respectively.

SOIL MOISTURE

At the end of April 2025, root zone soil moisture was low [yellow, orange shading, Figure 5(a)] in areas of the Panhandle, West, Central, and South Texas. Areas of more severe dryness [brown shading, Figure 5(a)] were seen in the Trans Pecos, northern and southern High Plains, western Low Rolling Plains, areas of the Edwards Plateau, southwestern North Central, southwestern East Texas, areas of northern and southeastern South Central, Southern, and western Lower Valley climate divisions. Average soil moisture [green shading, Figure 5(a)] was seen in the central High Plains, northern and eastern Low Rolling plains, much of the North Central, central and northern East Texas, areas of the South Central, northeastern and southeastern Southern, eastern Lower Valley, and the Upper Coast climate divisions.

Compared to conditions at the end of March 2025, soil moisture increased [blue shading in Figure 5(b)] in the eastern Trans Pecos, central High Plains, Low Rolling Plains, northwestern Edwards Plateau, western North Central climate divisions. Soil moisture decreased [red shading in Figure 5(b)] in the northern High Plains, East Texas, Southern, South Central, and the Upper Coast climate divisions.

a)



Data from NASA Soil Moisture Active Passive (SMAP) Level 4 - Model - Value Added Version 7.
Soil moisture content is shown as volume of water per unit volume of bulk soil. Root zone: 0 to 1 meter depth.

b)

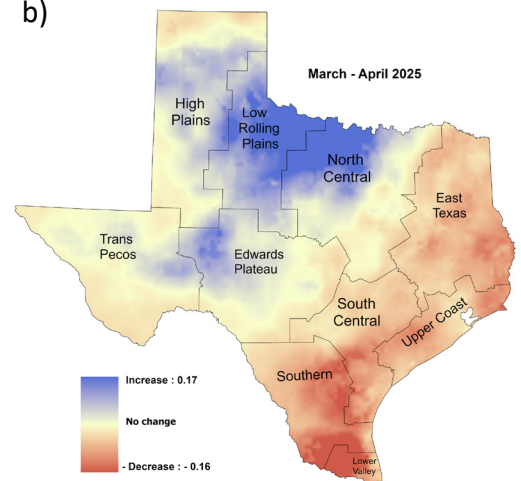


Figure 5: (a) Root zone soil moisture conditions in April 2025 and (b) the difference in root zone soil moisture between end-March 2025 and end-April 2025.

STREAMFLOW CONDITIONS

Normal streamflow (25–75th percentile, green shading, Figure 6) was recorded in portions of the Canadian, Upper and Lower Red, Upper and Lower Trinity, Middle and Lower Brazos, Upper Colorado, Pecos, San Antonio, San Jacinto, San Jacinto-Brazos, Colorado-Lavaca, Lavaca-Guadalupe, and Nueces (Lower Frio and Middle Nueces watersheds) this month. Above normal streamflow (76–90th percentile, light blue shading, Figure 6) was seen in the Canadian, Upper Red, Upper Brazos, Upper Colorado, Sulphur, Cypress, Upper Sabine, Neches (Lower Angelina and Village watersheds), and Lower Trinity river basins. Much above normal (> 90th percentile, dark blue shading, Figure 6) was seen in the Upper and Lower Red (Little Wichita, Farmers-Mud, and Lake Texoma watersheds), Upper Brazos (Double Mountain Fork Brazos and Paint watersheds), Middle Brazos (Middle Brazos-Palo Pinto watershed), Upper Trinity (Upper West Fork Trinity watershed) river basins. Record highs (black shading, Figure 6) were seen in the Upper Colorado (Middle Concho watershed) and the Upper Red (North Wichita watershed) river basins.

Below normal streamflow (10–24th percentile, orange shading, Figure 6) was seen in the Middle and Lower Colorado, Lower Brazos, Canadian (Middle Canadian-Spring), San Antonio (Medina watershed), Upper Nueces, Nueces-Rio Grande, Brazos-Colorado (San Bernard watershed) river basins. Much below normal streamflow (<10th percentile, dark red shading, Figure 6) was seen in the Pecos, Lower Colorado, Lower Brazos, Guadalupe, Brazos-Colorado (East Matagorda Bay watershed), Nueces-Rio Grande (San Fernando watershed) river basins.

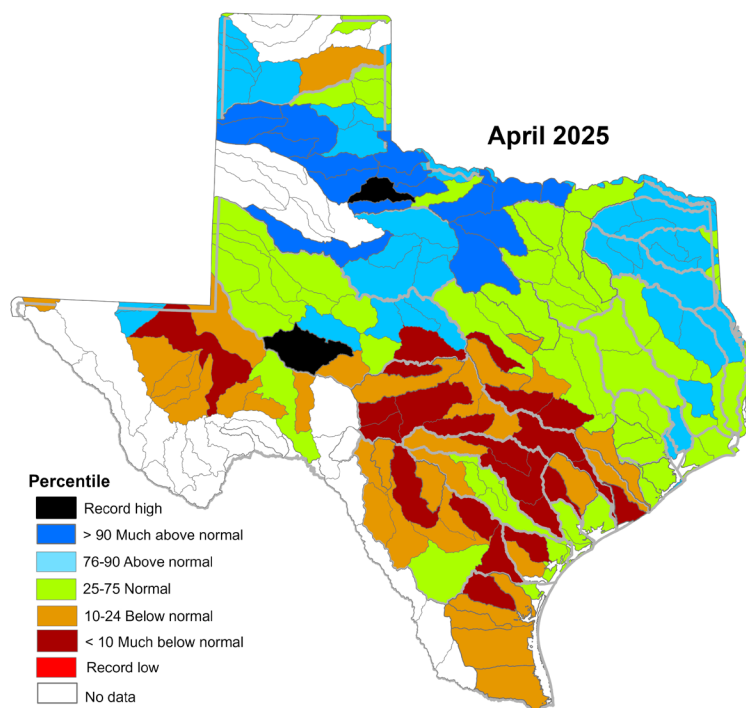
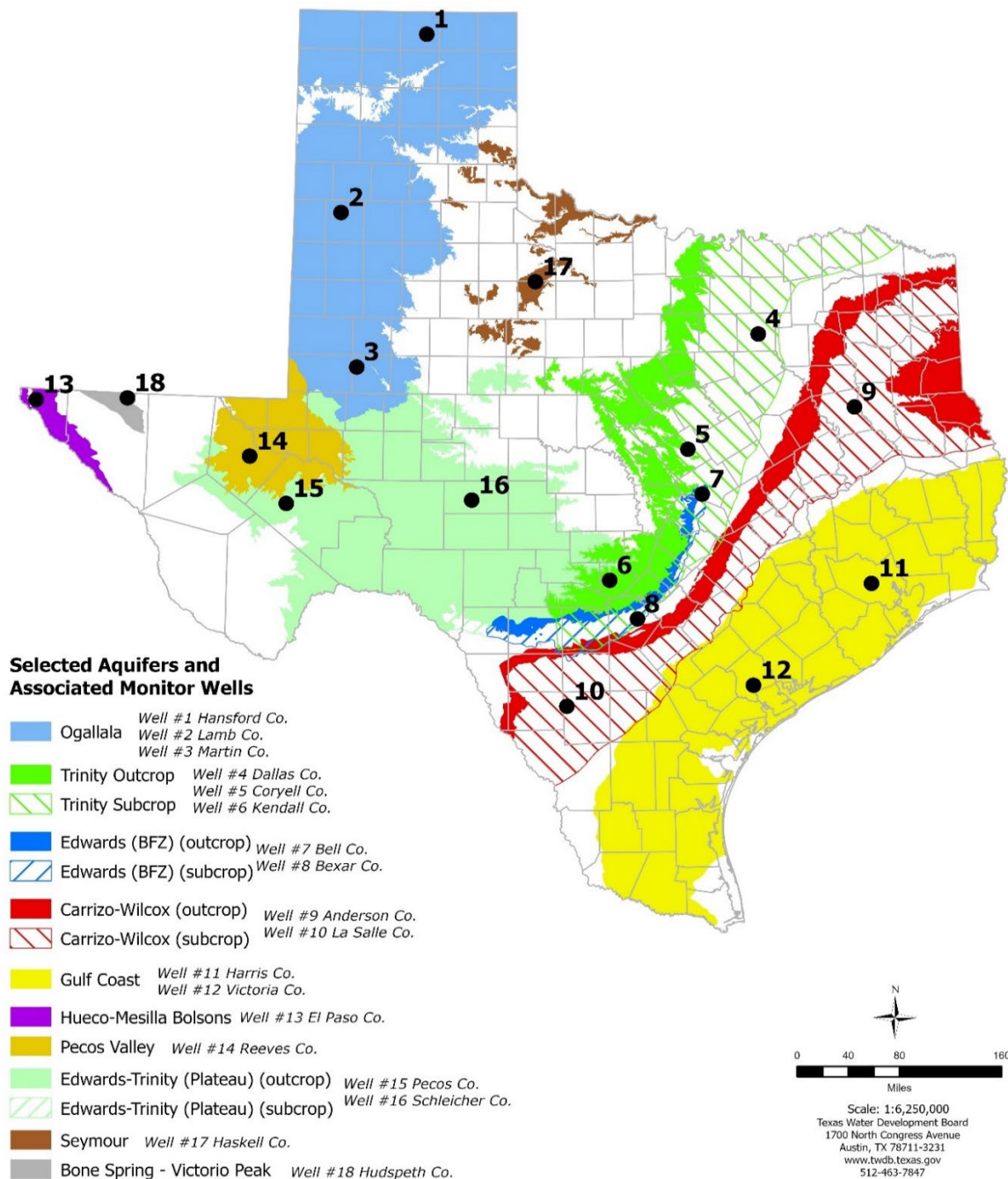


Figure 6: Runoff percentiles by the U.S. Geological Survey's Hydrologic Unit Code

RECORDER WELL NETWORK AND WATER DATA FOR TEXAS

The TWDB, in partnership with its cooperators, continues to install and monitor automatic water level recorders in monitoring wells throughout the state. An automatic groundwater level recorder well, or recorder well, refers to a water well installed with water level recording equipment, a datalogger, and satellite or cellular transmitter. The selection and distribution of the 18 wells shown in this report are based on several considerations: key areas of drawdown and recovery, areas where local conditions are affected by recurring pumping cycles or seasonal activities, wells with a means of triggering drought conditions, and site availability. The spatial distribution of recorder wells attempts to capture broader conditions and trends representative of each aquifer while also highlighting areas of particular interest. The hydrographs provided in this report show a five-year history. For more information and to view full periods of record for available hydrographs, please visit [Water Data for Texas](http://www.twdb.texas.gov/WaterDataforTexas).



* Well numbers used in this publication on the aquifer map to indicate the monitoring well locations (numbers 1 to 18) are different than the TWDB's seven-digit state well number.

APRIL 2025 GROUNDWATER LEVELS IN MONITORING WELLS

Water level measurements were available for 18 key monitoring wells in the state. Water levels rose in six monitoring wells since the beginning of April, with an increase of 0.10 feet in the Anderson County Carrizo-Wilcox Aquifer well (#9 on map) to 3.87 feet in the Kendall County Trinity Aquifer well (#6 on map). Water levels declined in 12 monitoring wells, ranging from a decline of -0.02 feet in the Hansford County Ogallala Aquifer well (#1 on map) to -5.10 feet in the Pecos County Edwards-Trinity (Plateau) Aquifer well (#15 on map). The J-17 well (#8 on map) in San Antonio recorded a water level of 101.27 feet below land surface or 629.73 feet above mean sea level. Water levels are 0.27 feet below the Stage 4 critical management levels for the San Antonio portion of the Edwards (Balcones Fault Zone) Aquifer and the Edwards Aquifer Authority Stage 4 permit reductions remain in effect as a result of well J-17 water levels and area spring flow levels.

| Monitoring Well | April (depth to water, feet) | March (depth to water, feet) | Month Change | Year Change | Historical Change* | First Measured (year) |
|-------------------------|------------------------------------|------------------------------------|-----------------|----------------|-----------------------|-----------------------------|
| (1) Hansford 0354301 | 166.19 | 166.17 | -0.02 | -0.93 | -96.07 | 1951 |
| (2) Lamb 1053602 | 155.54** | 155.45** | -0.09 | -0.64 | -127.37 | 1951 |
| (3) Martin 2739903 | 144.91 | 144.76 | -0.15 | 0.93 | -40.02 | 1964 |
| (4) Dallas 3319101 | 504.71 | 505.62 | 0.91 | NA | -282.71 | 1954 |
| (5) Coryell 4035404 | 549.56 | 549.82 | 0.26 | -3.97 | -257.56 | 1955 |
| (6) Kendall 6802609 | 160.13 | 164.00 | 3.87 | -6.64 | -100.13 | 1975 |
| (7) Bell 5804816 | 126.01 | 125.84 | -0.17 | -3.64 | -2.50 | 2008 |
| (8) Bexar 6837203 | 101.27 | 101.20 | -0.07 | -9.17 | -54.63 | 1932 |
| (9) Anderson 3813106 | 239.50 | 239.60 | 0.10 | -0.26 | -94.50 | 1965 |
| (10) La Salle 7738103 | 536.61 | 533.78 | -2.83 | -11.84 | -283.54 | 2003 |
| (11) Harris 6514409 | 195.52 | 195.87 | 0.35 | 0.21 | -60.02 | 1947 |
| (12) Victoria 8017502 | 33.39 | 31.62 | -1.77 | -1.41 | 0.61 | 1958 |
| (13) El Paso 4913301 | 298.95 | 297.68 | -1.27 | -1.17 | -67.05 | 1964 |
| (14) Reeves 4644501 | 158.72 | 157.15 | -1.57 | NA | -66.63 | 1952 |
| (15) Pecos 5216802 | 211.73 | 206.63 | -5.10 | -0.62 | 35.15 | 1976 |
| (16) Schleicher 5512134 | 318.14 | 318.06 | -0.08 | -0.68 | -16.24 | 2003 |
| (17) Haskell 2135748 | 46.43 | 47.06 | 0.63 | 0.76 | -3.43 | 2002 |
| (18) Hudspeth 4807516 | 150.05 | 147.08 | -2.97 | -1.06 | -46.13 | 1966 |

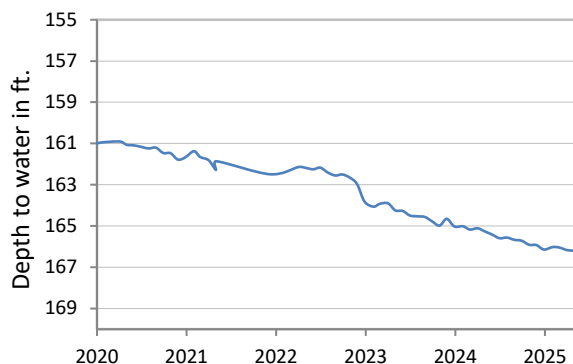
* Change since the original measurement taken on the date indicated in the last column.

**March and April 2025 data for State Wel #10-53-602 were amended retroactively following corrections to the dataset and updated values are not available in the Groundwater Database at this time.

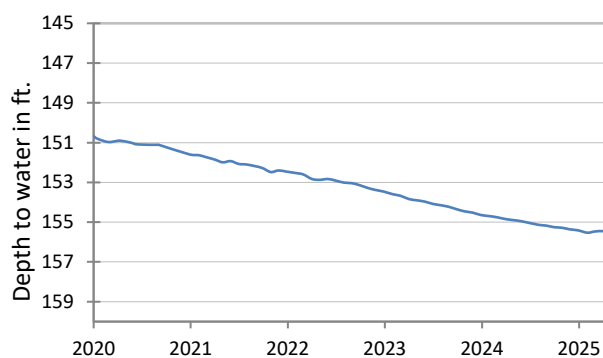
NA (not available). All data are provisional and subject to revision.

APRIL 2025 MONITORING WELL HYDROGRAPHS

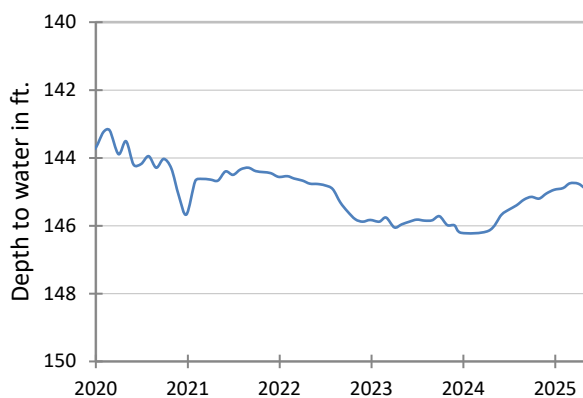
(1) State Well [#03-54-301](#)
Near Spearman, Hansford County
Ogallala Aquifer



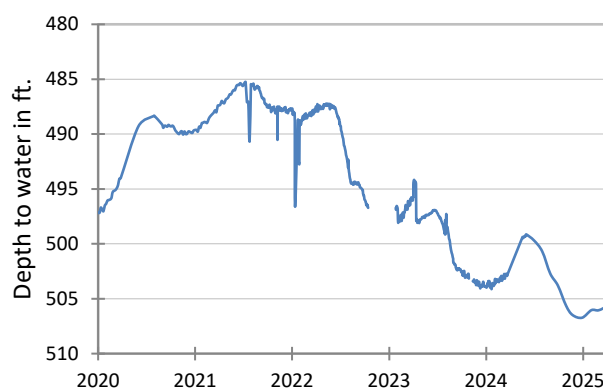
**** (2) State Well [#10-53-602](#)**
Near Earth, Lamb County
Ogallala Aquifer



(3) State Well [#27-39-903](#)
Northwest Martin County
Ogallala Aquifer



(4) State Well [#33-19-101](#)
Southeast Dallas, Dallas County
Twin Mountains Formation-Trinity Aquifer

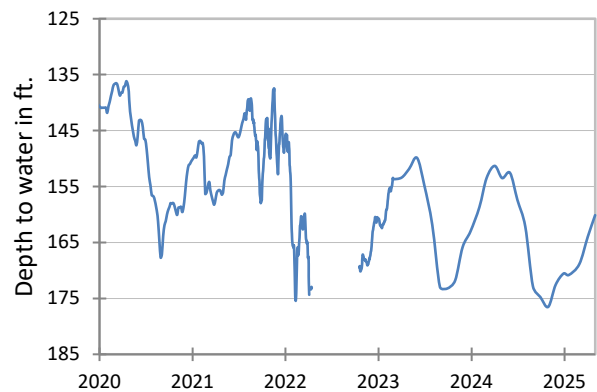


**** July 2024 through April 2025 data for State Well #10-53-602 were amended retroactively following corrections to the dataset.**

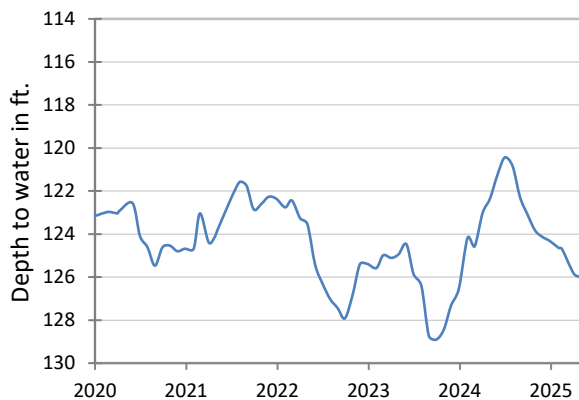
(5) State Well [#40-35-404](#)
Gatesville, Coryell County
Hosston Formation-Trinity Aquifer



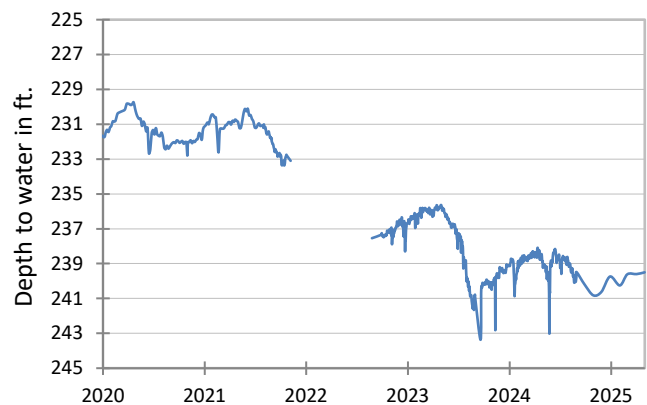
(6) State Well [#68-02-609](#)
Waring, Kendall County
Travis Peak Formation-Trinity Aquifer



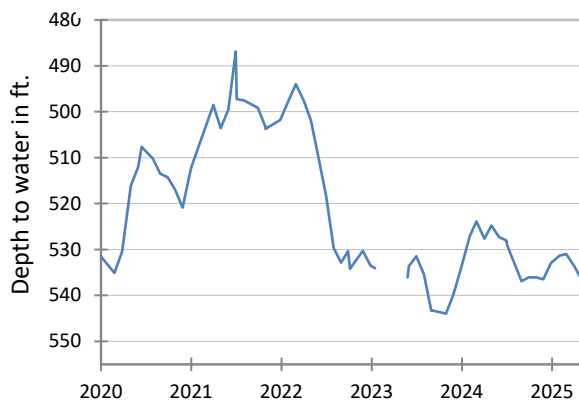
(7) State Well [#58-04-816](#)
Near Salado, Bell County
Edwards (Balcones Fault Zone) Aquifer



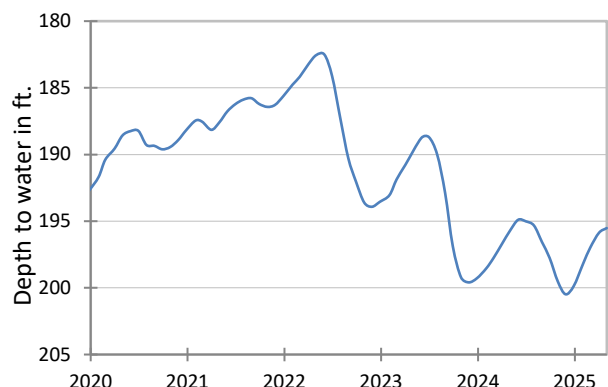
(9) State Well [#38-13-106](#)
Neches, Anderson County
Carrizo-Wilcox Aquifer



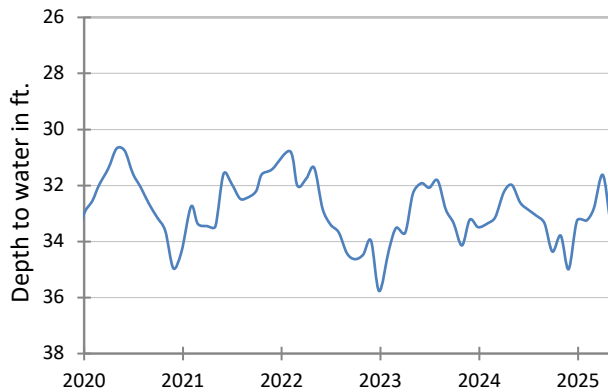
(10) State Well [#77-38-103](#)
Near Cotulla, La Salle County
Carrizo-Wilcox Aquifer



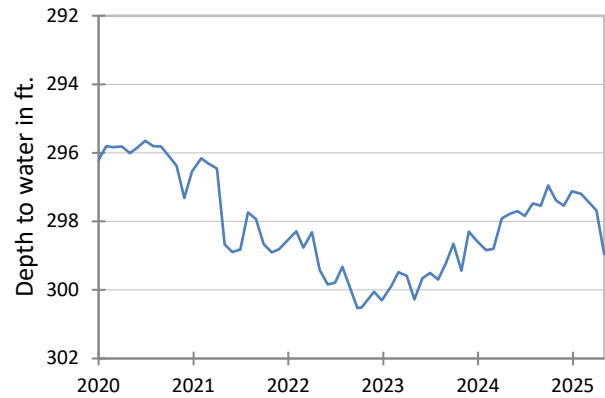
(11) State Well [#65-14-409](#)
North Houston, Harris County
Evangeline Formation-Gulf Coast Aquifer



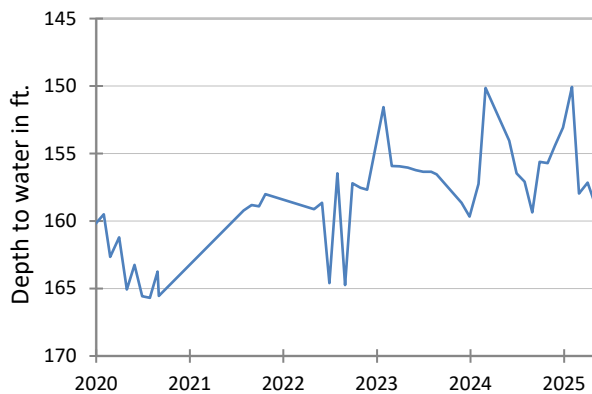
(12) State Well [#80-17-502](#)
Near Bloomington, Victoria County
Lissie Formation-Gulf Coast Aquifer



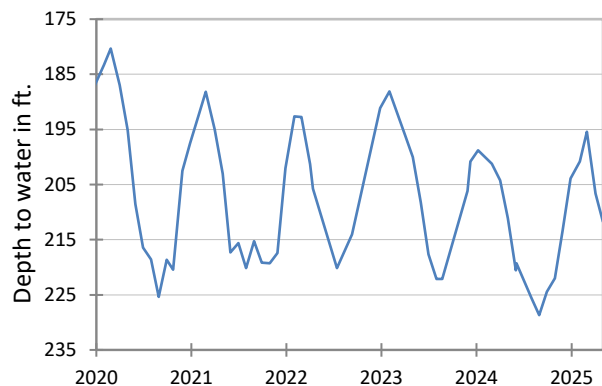
(13) State Well [#49-13-301](#)
El Paso, El Paso County
Hueco-Mesilla Bolsons Aquifer



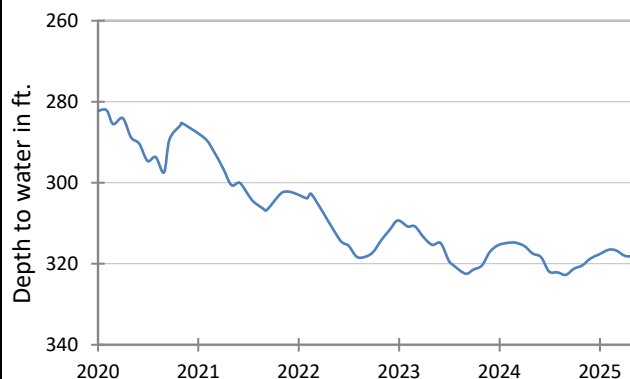
(14) State Well [#46-44-501](#)
Near Pecos, Reeves County
Pecos Valley Aquifer



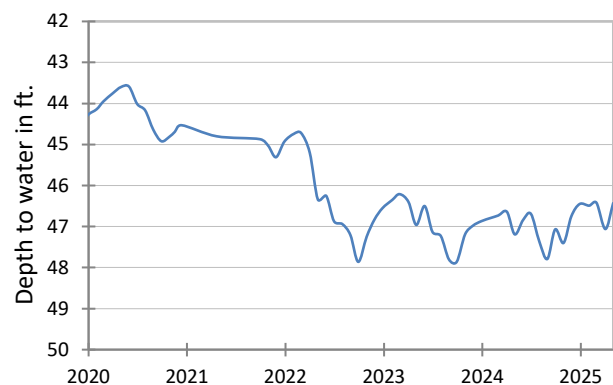
(15) State Well [#52-16-802](#)
Fort Stockton, Pecos County
Edwards-Trinity (Plateau) Aquifer



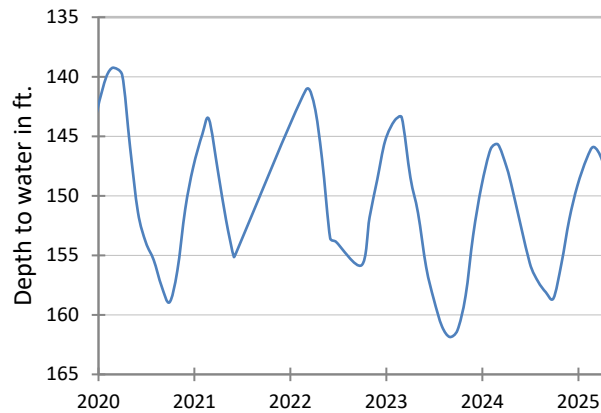
(16) State Well [#55-12-134](#)
Eldorado, Schleicher County
Edwards-Trinity (Plateau) Aquifer



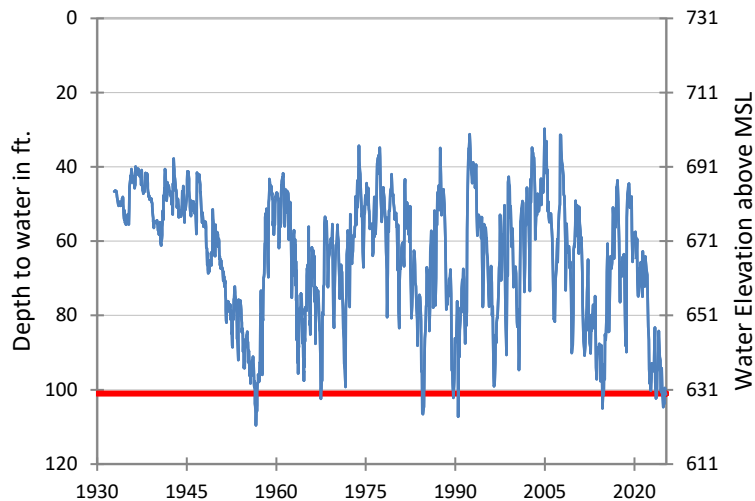
(17) State Well [#21-35-748](#)
Near O'Brien, Haskell County
Seymour Aquifer



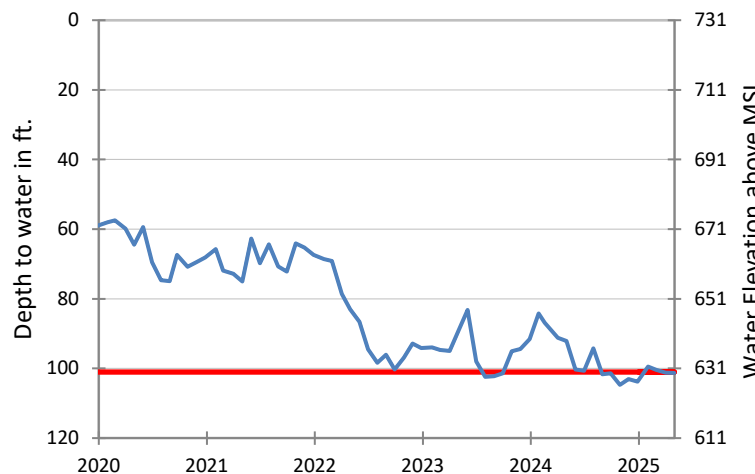
**(18) State Well [#48-07-516](#)
Dell City, Hudspeth County
Bone Spring-Victorio Peak Aquifer**



**(8) State Well [#68-37-203](#) (J-17)
San Antonio, Bexar County
Edwards (Balcones Fault Zone) Aquifer**



The late April water level measurement in this Edwards (Balcones Fault Zone) Aquifer well, located at an elevation of 731 feet above mean sea level, was 101.27 feet below land surface, or 629.73 feet above mean sea level. This was 0.07 feet below last month's measurement, 9.17 feet below last year's measurement, and 54.63 feet below the initial measurement recorded in 1932.



Water levels below the red line indicate periods in which Edwards Aquifer Authority Stage 4 drought restrictions are in effect. The Edwards Aquifer Authority Stage 4 permit reductions remain in effect as a result of well J-17 water levels and area spring flow levels.