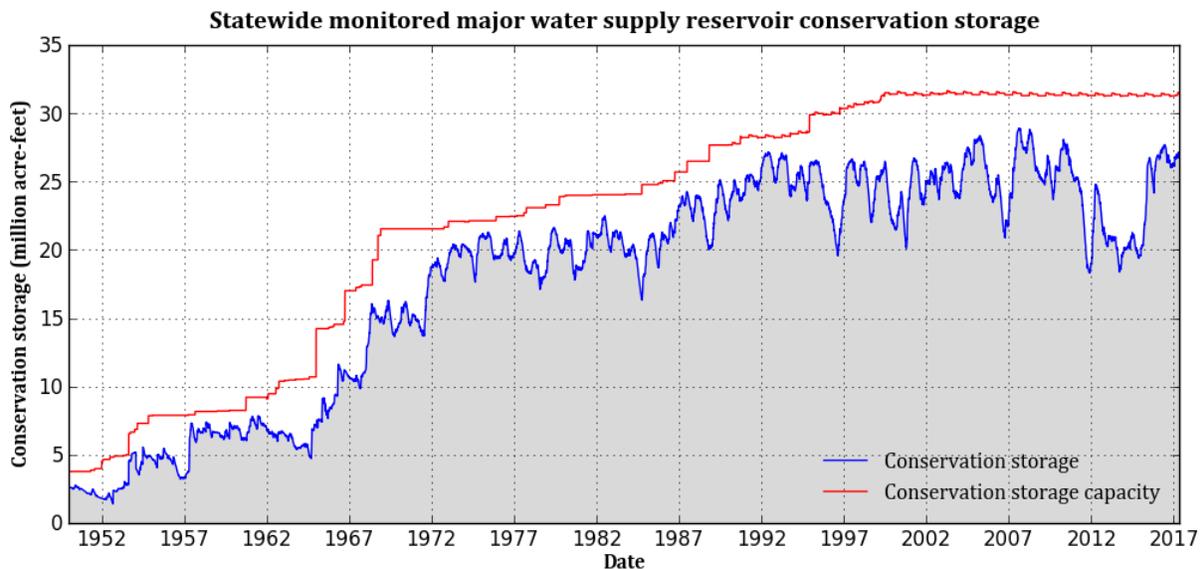


APRIL 2017 RESERVOIR STORAGE*

At the end of April 2017, total conservation storage* in 118 of the state’s major water supply reservoirs was at 27.2 million acre-feet or 84 percent of total conservation storage capacity. This is approximately 0.28 million acre-feet more than a month ago and 0.52 million acre-feet less than storage at this time last year.

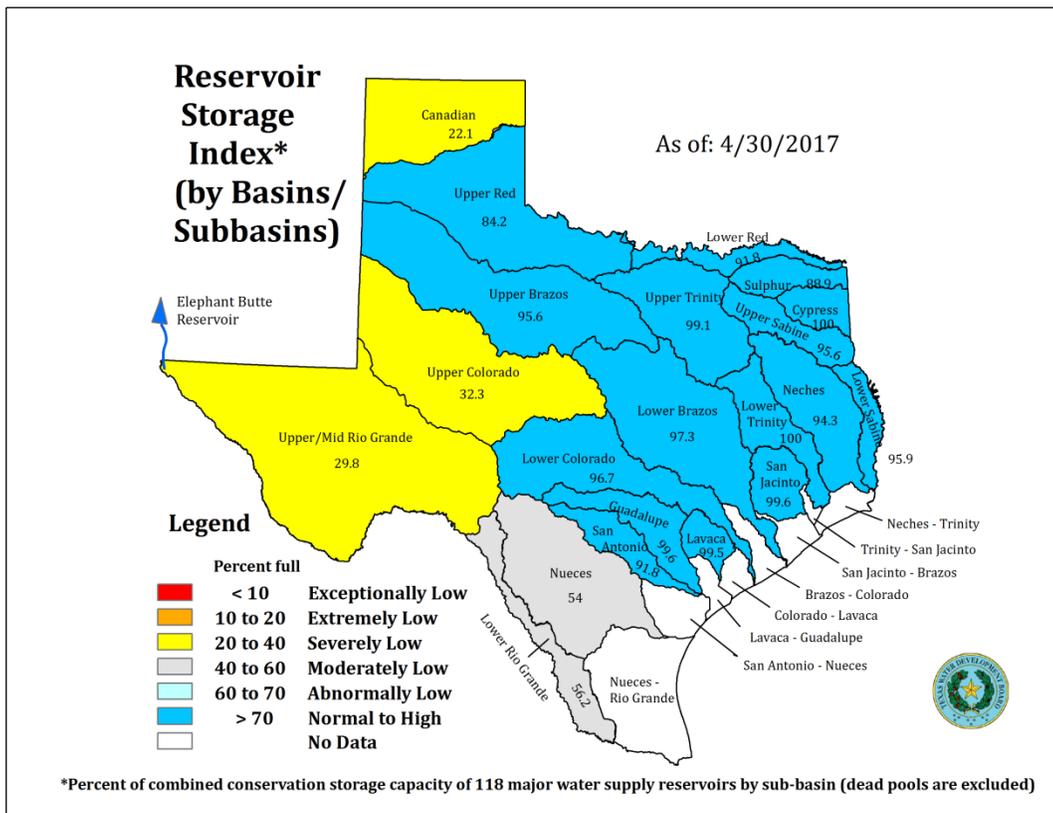
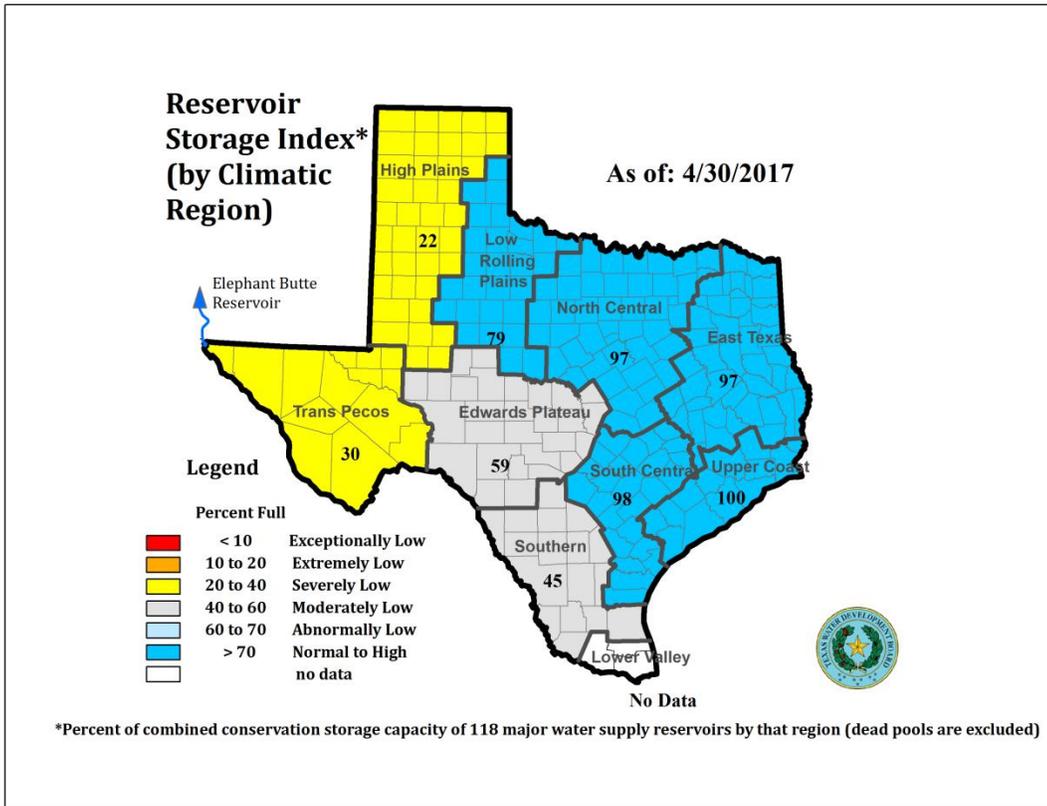
Forty-seven (47) reservoirs held 100 percent of conservation storage capacity, primarily in the North Central (28 reservoirs) and East (15 reservoirs) regions. One reservoir, Palo Duro (1 percent), remained below 10 percent full.

Total combined storage was at or above normal (storage \geq 70 percent) in the Upper Coast (100 percent), South Central (98 percent), North Central (97 percent), East (97 percent), and Low Rolling Plains (79 percent) regions. The region with the lowest percentage of storage was the High Plains (22 percent) region. Overall, storage increased in five regions but declined in four regions over the past month.



*Storage is based on end of the month data in 117 major reservoirs that represent 96 percent of the total conservation storage capacity of 188 major water supply reservoirs in Texas plus Elephant Butte reservoir in New Mexico. Major reservoirs are defined as having a conservation storage capacity of 5,000 acre-feet or greater. Only the Texas share of storage in border reservoirs is counted.

APRIL 2017 RESERVOIR CONDITIONS



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

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Conservation storage capacity | | Conservation storage end of April 2017 | | Change since end of March 2017 | | Change since end of April 2016 | |
|------------------------------------|-------------------------------|----------------|--|---------------|--------------------------------|----------------|--------------------------------|--|
| | (acre-feet) | (acre-feet) | (%) | (acre-feet)** | (%) | (acre-feet)** | (%) | |
| HIGH PLAINS | | | | | | | | |
| MacKenzie Reservoir | 46,450 | 7,107 | 15 | 272 | 1 | -309 | -1 | |
| Meredith, Lake | 500,000 | 122,982 | 25 | 2,651 | 1 | -9,891 | -2 | |
| Palo Duro Reservoir | 61,066 | 848 | 1 | -28 | -0 | -766 | -1 | |
| White River Lake | 29,880 | 7,161 | 24 | -251 | -1 | -2,569 | -9 | |
| TOTAL | 637,396 | 138,098 | 22 | 2,644 | 0 | -13,535 | -2 | |
| LOW ROLLING PLAINS | | | | | | | | |
| Abilene, Lake | 7,900 | 7,467 | 95 | -183 | -2 | 908 | 11 | |
| Alan Henry Reservoir | 94,808 | 88,927 | 94 | -961 | -1 | 1,133 | 1 | |
| Champion Creek Reservoir | 41,580 | 15,753 | 38 | 70 | 0 | 6,420 | 15 | |
| Coleman, Lake | 38,075 | 37,300 | 98 | -198 | -1 | -775 | -2 | |
| Colorado City, Lake | 30,758 | 14,022 | 46 | -353 | -1 | 5,740 | 19 | |
| Fort Phantom Hill, Lake | 70,030 | 68,898 | 98 | -1,132 | -2 | -1,132 | -2 | |
| Greenbelt Lake | 59,968 | 16,667 | 28 | 9 | 0 | 2,269 | 4 | |
| Hords Creek Lake | 8,443 | 7,140 | 85 | -61 | -1 | 2,236 | 26 | |
| J. B. Thomas, Lake | 199,931 | 121,529 | 61 | -2,604 | -1 | -17,351 | -9 | |
| Kemp, Lake | 245,307 | 245,307 | 100 | 0 | 0 | 1,069 | 0 | |
| Millers Creek Reservoir | 26,768 | 26,089 | 97 | -679 | -3 | -679 | -3 | |
| North Fork Buffalo Creek Reservoir | 15,400 | 11,493 | 75 | -489 | -3 | -1,634 | -11 | |
| Stamford, Lake | 51,570 | 46,407 | 90 | -1,732 | -3 | -5,163 | -10 | |
| Sweetwater, Lake | 12,267 | 2,918 | 24 | -21 | -0 | 747 | 6 | |
| TOTAL | 902,805 | 709,917 | 79 | -8,334 | -1 | -6,212 | -1 | |
| NORTH CENTRAL | | | | | | | | |
| Amon G Carter, Lake | 19,266 | 19,266 | 100 | 0 | 0 | 0 | 0 | |
| Aquila Lake | 43,243 | 43,243 | 100 | 0 | 0 | 0 | 0 | |
| Arlington, Lake | 40,188 | 38,108 | 95 | 398 | 1 | -2,080 | -5 | |
| Arrowhead, Lake | 230,359 | 219,626 | 95 | -4,829 | -2 | -10,733 | -5 | |
| Bardwell Lake | 46,122 | 46,122 | 100 | 0 | 0 | 0 | 0 | |
| Belton Lake | 435,225 | 435,225 | 100 | 0 | 0 | 0 | 0 | |
| Benbrook Lake | 85,648 | 66,384 | 78 | 372 | 0 | -19,264 | -22 | |
| Bonham, Lake | 11,027 | 8,474 | 77 | 495 | 4 | -2,553 | -23 | |
| Bridgeport, Lake | 366,236 | 366,236 | 100 | 0 | 0 | 0 | 0 | |
| *Brownwood, Lake | 128,839 | 128,196 | 100 | -643 | -0 | -643 | -0 | |
| *Cisco, Lake | 25,895 | 25,549 | 99 | -243 | -1 | 2,760 | 11 | |
| Crook, Lake | 9,195 | 9,195 | 100 | 188 | 2 | 0 | 0 | |
| Eagle Mountain Lake | 179,880 | 179,880 | 100 | 0 | 0 | 0 | 0 | |
| Georgetown, Lake | 36,823 | 36,541 | 99 | -282 | -1 | -282 | -1 | |
| Graham, Lake | 45,288 | 44,255 | 98 | -614 | -1 | -1,033 | -2 | |
| Granbury, Lake | 132,949 | 132,297 | 100 | 82 | 0 | 1,056 | 1 | |
| Granger Lake | 51,822 | 51,822 | 100 | 0 | 0 | 0 | 0 | |
| Grapevine Lake | 164,703 | 164,703 | 100 | 0 | 0 | 0 | 0 | |
| *Halbert, Lake | 6,033 | 5,285 | 88 | 335 | 6 | -434 | -7 | |
| Hubbard Creek Reservoir | 318,067 | 309,852 | 97 | -3,064 | -1 | 110,009 | 35 | |
| Hubert H Moss Lake | 24,058 | 23,799 | 99 | -22 | -0 | 1,177 | 5 | |
| Jim Chapman Lake (Cooper) | 260,332 | 212,914 | 82 | 22,039 | 8 | -47,418 | -18 | |
| Joe Pool Lake | 175,358 | 175,358 | 100 | 0 | 0 | 0 | 0 | |
| Kickapoo, Lake | 86,345 | 75,723 | 88 | -2,524 | -3 | -10,622 | -12 | |
| Lavon Lake | 406,388 | 391,459 | 96 | 25,206 | 6 | -14,929 | -4 | |
| Leon, Lake | 27,762 | 23,587 | 85 | 109 | 0 | -4,175 | -15 | |
| Lewisville Lake | 563,228 | 563,228 | 100 | 0 | 0 | 0 | 0 | |
| Limestone, Lake | 203,780 | 203,780 | 100 | 0 | 0 | 0 | 0 | |
| *Lost Creek Reservoir | 11,950 | 11,874 | 99 | -38 | -0 | -76 | -1 | |
| *Mineral Wells, Lake | 5,273 | 5,273 | 100 | 0 | 0 | 0 | 0 | |
| Mountain Creek, Lake | 22,850 | 22,850 | 100 | 0 | 0 | 0 | 0 | |

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Conservation storage capacity | | Conservation storage end of April 2017 | | Change since end of March 2017 | | Change since end of April 2016 | |
|---|-------------------------------|-------------------|--|----------------|--------------------------------|-----------------|--------------------------------|--|
| | (acre-feet) | (acre-feet) | (%) | (acre-feet)** | (%) | (acre-feet)** | (%) | |
| <i>(North Central continued)</i> | | | | | | | | |
| Navarro Mills Lake | 49,827 | 49,827 | 100 | 0 | 0 | 0 | 0 | |
| New Terrell City Lake | 8,583 | 8,583 | 100 | 52 | 1 | 0 | 0 | |
| Nocona, Lake (Farmers Crk) | 21,444 | 21,444 | 100 | 0 | 0 | 0 | 0 | |
| Palo Pinto, Lake | 26,766 | 25,770 | 96 | 1,180 | 4 | -996 | -4 | |
| Pat Cleburne, Lake | 26,008 | 26,008 | 100 | 0 | 0 | 0 | 0 | |
| *Pat Mayse Lake | 113,683 | 113,683 | 100 | 12,938 | 11 | 0 | 0 | |
| Possum Kingdom Lake | 523,873 | 519,797 | 99 | -1,955 | -0 | -1,629 | -0 | |
| Proctor Lake | 54,762 | 54,164 | 99 | -46 | -0 | no data | | |
| Ray Hubbard, Lake | 439,559 | 438,724 | 100 | 12,556 | 3 | -835 | -0 | |
| Ray Roberts, Lake | 788,167 | 788,167 | 100 | 0 | 0 | 0 | 0 | |
| Richland-Chambers Reservoir | 1,087,839 | 1,087,839 | 100 | 0 | 0 | 0 | 0 | |
| Squaw Creek, Lake | 151,250 | 151,250 | 100 | 2,266 | 1 | 0 | 0 | |
| Stillhouse Hollow Lake | 227,771 | 227,771 | 100 | 0 | 0 | 0 | 0 | |
| Tawakoni, Lake | 871,685 | 802,530 | 92 | 38,603 | 4 | -69,155 | -8 | |
| Texoma, Lake (Texas) | 1,258,113 | 1,143,625 | 91 | -15,871 | -1 | -114,488 | -9 | |
| Texoma, Lake (Texas & Oklahoma) | 2,525,281 | 2,287,256 | 91 | -31,743 | -1 | -846,794 | -34 | |
| Waco, Lake | 189,418 | 189,418 | 100 | 0 | 0 | 0 | 0 | |
| Waxahachie, Lake | 10,780 | 10,780 | 100 | 0 | 0 | 0 | 0 | |
| Weatherford, Lake | 17,812 | 17,390 | 98 | -11 | -0 | -422 | -2 | |
| Whitney, Lake | 553,344 | 504,628 | 91 | 20,591 | 4 | -48,716 | -9 | |
| Worth, Lake | 33,495 | 32,880 | 98 | 1,788 | 5 | -615 | -2 | |
| TOTAL | 10,618,311 | 10,254,382 | 97 | 109,056 | 1 | -236,096 | -2 | |
| EAST | | | | | | | | |
| Athens, Lake | 29,503 | 29,503 | 100 | 0 | 0 | 0 | 0 | |
| B A Steinhagen Lake | 66,961 | 55,538 | 83 | -5,331 | -8 | -7,160 | -11 | |
| Bob Sandlin, Lake | 190,822 | 190,822 | 100 | 0 | 0 | 0 | 0 | |
| Caddo, Lake | 29,898 | 29,898 | 100 | 0 | 0 | 0 | 0 | |
| Cedar Creek Reservoir in Trinity | 644,686 | 644,686 | 100 | 981 | 0 | 0 | 0 | |
| Cherokee, Lake | 40,094 | 40,094 | 100 | 0 | 0 | no data | | |
| Conroe, Lake | 410,988 | 408,879 | 99 | -1,725 | -0 | -2,109 | -1 | |
| Cypress Springs, Lake | 66,756 | 66,756 | 100 | 1,191 | 2 | 0 | 0 | |
| Fork Reservoir, Lake | 605,061 | 605,061 | 100 | 53,078 | 9 | 0 | 0 | |
| Houston County Lake | 17,113 | 17,113 | 100 | 0 | 0 | 0 | 0 | |
| Jacksonville, Lake | 25,670 | 25,670 | 100 | 0 | 0 | 0 | 0 | |
| *Livingston, Lake | 1,785,348 | 1,785,348 | 100 | 0 | 0 | 0 | 0 | |
| Martin, Lake | 75,726 | 73,418 | 97 | 3,979 | 5 | -2,308 | -3 | |
| Monticello, Lake | 34,740 | 34,740 | 100 | 0 | 0 | 0 | 0 | |
| Murvaul, Lake | 38,285 | 37,840 | 99 | 1,526 | 4 | -445 | -1 | |
| Nacogdoches, Lake | 39,522 | 38,143 | 97 | -234 | -1 | -1,379 | -3 | |
| O' the Pines, Lake | 241,363 | 241,363 | 100 | 0 | 0 | 0 | 0 | |
| Palestine, Lake | 367,303 | 367,303 | 100 | 0 | 0 | 0 | 0 | |
| Sam Rayburn Reservoir | 2,857,077 | 2,672,578 | 94 | -15,362 | -1 | -184,499 | -6 | |
| Striker, Lake | 16,934 | 16,703 | 99 | 39 | 0 | no data | | |
| *Sulphur Springs, Lake | 17,747 | 17,747 | 100 | 2,916 | 16 | 0 | 0 | |
| Toledo Bend Reservoir (Texas) | 2,236,450 | 2,144,742 | 96 | 111,475 | 5 | -91,708 | -4 | |
| Toledo Bend Reservoir (Texas & Louisiana) | 4,472,900 | 4,293,584 | 96 | 222,950 | 5 | -274,271 | -6 | |
| Tyler, Lake | 72,073 | 72,073 | 100 | 0 | 0 | 0 | 0 | |
| Wright Patman Lake | 310,382 | 292,640 | 94 | 170,047 | 55 | -17,742 | -6 | |
| TOTAL | 10,220,502 | 9,908,658 | 97 | 322,580 | 3 | -307,350 | -3 | |

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

| Name of lake or reservoir | Conservation storage capacity (acre-feet) | Conservation storage end of April 2017 | | Change since end of March 2017 | | Change since end of April 2016 | |
|---|--|--|------------|--------------------------------|-----------|--------------------------------|-----------|
| | | (acre-feet) | (%) | (acre-feet)** | (%) | (acre-feet)** | (%) |
| TRANS-PECOS | | | | | | | |
| Elephant Butte Reservoir (Texas) | 852,491 | 169,738 | 20 | 35,529 | 4 | 24,919 | 3 |
| Elephant Butte Reservoir (Texas & New Mexico) | 1,973,358 | 392,911 | 20 | 82,244 | 4 | 57,683 | 3 |
| Red Bluff Reservoir | 151,110 | 129,721 | 86 | -2,836 | -2 | -7,538 | -5 |
| TOTAL | 1,003,601 | 299,459 | 30 | 32,693 | 3 | 17,381 | 2 |
| EDWARDS PLATEAU | | | | | | | |
| *Amistad Reservoir (Texas) | 1,840,849 | 1,283,860 | 70 | -161,220 | -9 | -86,204 | -5 |
| *Amistad Reservoir (Texas & Mexico) | 3,275,532 | 1,746,395 | 53 | -326,144 | -10 | -198,918 | -6 |
| Brady Creek Reservoir | 28,808 | 18,761 | 65 | -106 | -0 | 6,377 | 22 |
| Buchanan, Lake | 860,607 | 815,820 | 95 | -1,302 | -0 | 7,152 | 1 |
| E. V. Spence Reservoir | 517,272 | 69,959 | 14 | 81 | 0 | 18,322 | 4 |
| Inks, Lake | 13,962 | 12,945 | 93 | 60 | 0 | 38 | 0 |
| Lyndon B Johnson, Lake | 115,249 | 111,064 | 96 | 855 | 1 | 1,584 | 1 |
| Marble Falls, Lake | 6,901 | 6,852 | 99 | 54 | 1 | 16 | 0 |
| Nasworthy | 9,615 | 7,902 | 82 | 338 | 4 | 12 | 0 |
| Oak Creek Reservoir | 39,210 | 23,272 | 59 | 16 | 0 | 6,878 | 18 |
| O. C. Fisher Lake | 119,445 | 16,713 | 14 | -333 | -0 | -3,629 | -3 |
| *O. H. Ivie Reservoir | 554,340 | 136,836 | 25 | 1,555 | 0 | 59,728 | 11 |
| Twin Buttes Reservoir | 182,454 | 24,445 | 13 | -618 | -0 | 10,904 | 6 |
| TOTAL | 4,288,712 | 2,528,429 | 59 | -160,620 | -4 | 21,178 | 0 |
| SOUTH CENTRAL | | | | | | | |
| *Austin, Lake | 23,972 | 22,880 | 95 | 215 | 1 | 246 | 1 |
| Canyon Lake | 378,781 | 378,781 | 100 | 0 | 0 | 0 | 0 |
| *Coledo Creek Reservoir | 31,040 | 29,539 | 95 | -1,360 | -4 | -1,501 | -5 |
| Medina Lake | 254,823 | 233,996 | 92 | -1,975 | -1 | 70,137 | 28 |
| Somerville Lake | 147,104 | 147,104 | 100 | 0 | 0 | 0 | 0 |
| Travis, Lake | 1,113,348 | 1,103,205 | 99 | -10,143 | -1 | -10,143 | -1 |
| TOTAL | 1,949,068 | 1,915,505 | 98 | -13,263 | -1 | 58,739 | 3 |
| UPPER COAST | | | | | | | |
| Houston, Lake | 120,686 | 120,686 | 100 | 0 | 0 | 0 | 0 |
| Texana, Lake | 159,566 | 158,739 | 99 | 183 | 0 | -827 | -1 |
| TOTAL | 280,252 | 279,425 | 100 | 183 | 0 | -827 | -0 |
| SOUTHERN | | | | | | | |
| Choke Canyon Reservoir | 662,820 | 254,647 | 38 | -8,575 | -1 | 38,713 | 6 |
| Corpus Christi, Lake | 256,961 | 241,760 | 94 | -1,257 | -0 | 48,399 | 19 |
| *Falcon Reservoir (Texas) | 1,551,007 | 623,432 | 40 | 9,729 | 1 | -142,223 | -9 |
| *Falcon Reservoir (Texas & Mexico) | 2,646,817 | 766,787 | 29 | -16,287 | -1 | -344,288 | -13 |
| TOTAL | 2,470,788 | 1,119,839 | 45 | -103 | -0 | -55,111 | -2 |
| STATEWIDE TOTAL | | | | | | | |
| STATEWIDE TOTAL | 32,371,435 | 27,153,712 | 84 | 284,836 | 1 | -521,833 | -2 |

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

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

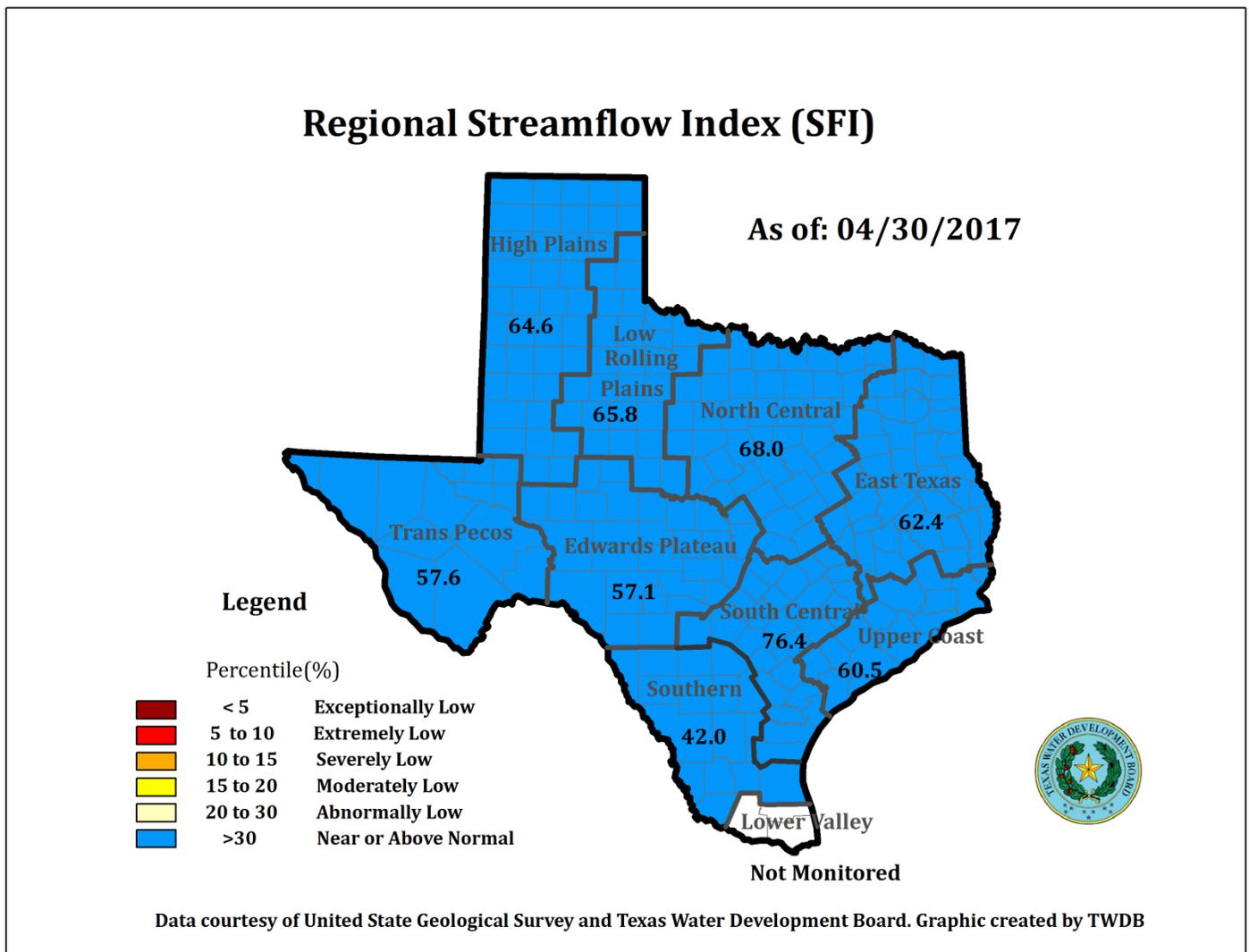
Note:

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 pool 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 $100 \times (\text{current conservation storage} - \text{past conservation storage}) / \text{conservation storage capacity}$.

The computed 30-day mean flow status for 29 reporting index stations monitored this month is presented below. Mean flow increased at 17 index stations and decreased at 12 stations.

| Streamflow Status | Number of Stations |
|-----------------------------|--------------------|
| Near or Above Normal (>30%) | 27 |
| Abnormally Low (20-30%) | 0 |
| Moderately Low (15-20%) | 1 |
| Severely Low (10-15%) | 0 |
| Extremely Low (5-10%) | 1 |
| Exceptionally Low (<5%) | 0 |

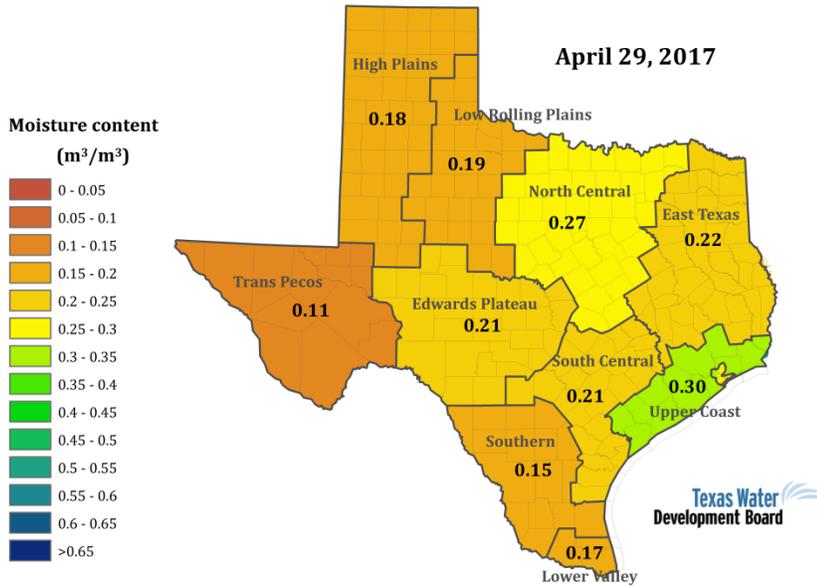
On a regional basis, as shown below, flows were near or above normal in all regions. Streamflow in the Lower Valley region is not monitored.



*Streamflow Index is defined as the percentile flow that exceeds a given percent of observed flows.

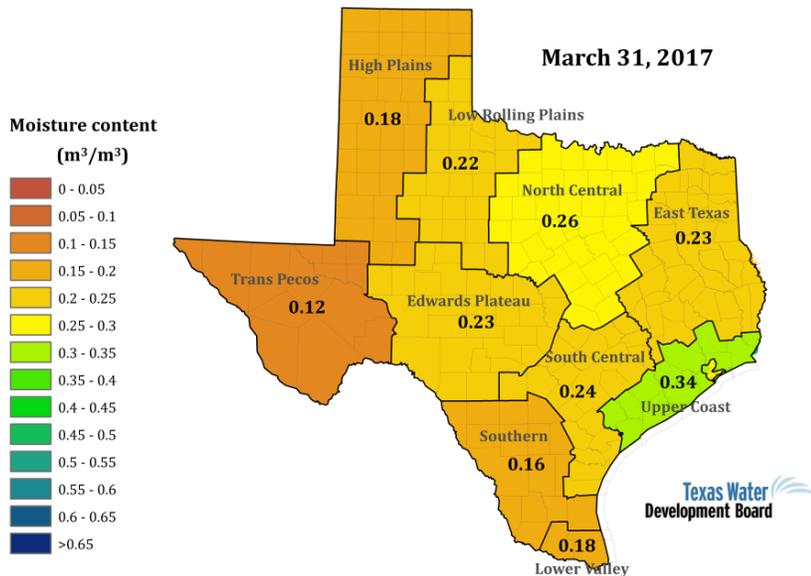
APRIL 2017 SOIL MOISTURE CONDITIONS

Soil Moisture Condition



Data from NASA Soil Moisture Active Passive (SMAP) Level 4 - Model - Value Added Version 2
Soil moisture content is shown as volume of water per unit volume of bulk soil. Root zone: 0 to 1 meter depth.

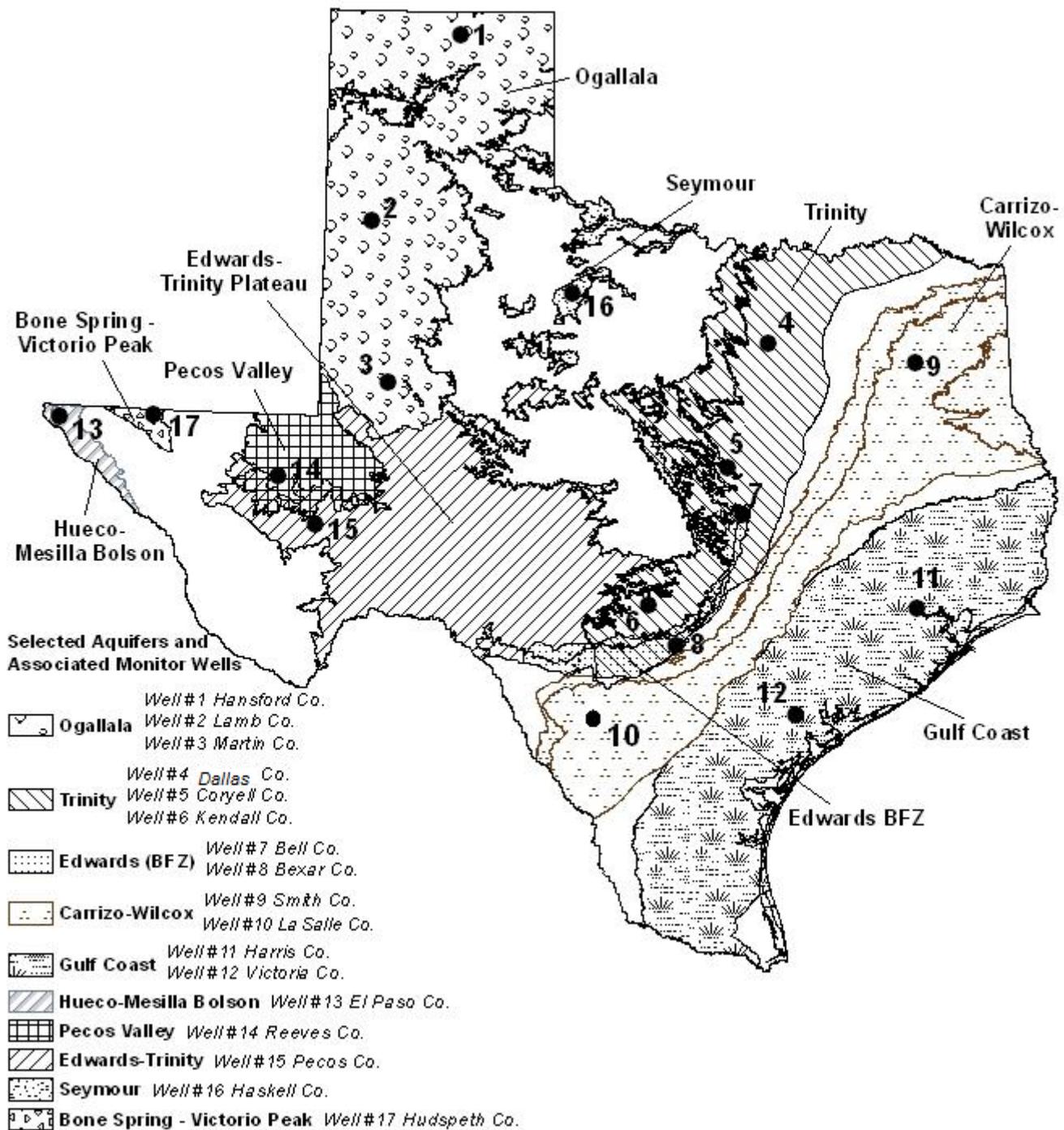
Soil Moisture Condition



Data from NASA Soil Moisture Active Passive (SMAP) Level 4 - Model - Value Added Version 2
Soil moisture content is shown as volume of water per unit volume of bulk soil. Root zone: 0 to 1 meter depth.

Soil moisture in the past 30 days (*top image*, April 29, 2017), as compared to soil moisture at the end of March 2017 (*bottom image*), declined in all regions except the High Plains (no change) and North Central (increase) regions, with the greatest declines in the Upper Coast, Low Rolling Plains, and South Central regions.

APRIL 2017 GROUNDWATER LEVELS IN OBSERVATION WELLS



Water-level measurements were available for all 17 key monitoring wells in the state. Water levels rose in eight monitoring wells since the beginning of April, ranging from an increase of 0.05 feet in the Bell County Edwards (Balcones Fault Zone) Aquifer well (#7 on map) to 5.82 feet in the La Salle County Carrizo-Wilcox Aquifer well (#10 on map). Water levels declined in nine monitoring wells, ranging from a decline of 0.03 feet in the Haskell County Seymour Aquifer well (#16 on map) to 7.70 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 53.21 feet below land surface or 677.79 feet above mean sea level. There are no restrictions currently in place for the San Antonio portion of the Edwards (Balcones Fault Zone) Aquifer, with water levels at 17 feet above the Stage I critical management level.

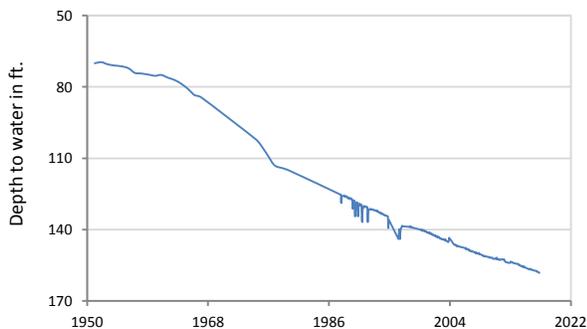
*IDs used in this publication on the aquifer map to indicate the monitoring well location (IDs 1 - 17) are different than the TWDB's six- or seven-digit state well identification number.

| Monitoring Well | April | March | Month Change | Year Change | Historical Change | First Measured |
|-----------------------|--------|--------|--------------|-------------|-------------------|----------------|
| (1) Hansford 0354301 | 158.20 | 157.94 | -0.26 | -1.19 | -88.08 | 1951 |
| (2) Lamb 1053602 | 147.43 | 147.27 | -0.16 | -0.86 | -119.26 | 1951 |
| (3) Martin 2739903 | 143.24 | 143.08 | -0.16 | -0.74 | -38.35 | 1964 |
| (4) Dallas 3319101 | 492.55 | 493.31 | 0.76 | 2.21 | -270.55 | 1954 |
| (5) Coryell 4035404 | 512.31 | 512.64 | 0.33 | -5.87 | -220.31 | 1955 |
| (6) Kendall 6802609 | 109.89 | 107.31 | -2.58 | 3.98 | -49.89 | 1975 |
| (7) Bell 5804816 | 120.88 | 120.93 | 0.05 | -1.52 | 2.63 | 2008 |
| (8) Bexar 6837203 | 53.21 | 48.61 | -4.60 | 7.10 | -6.57 | 1932 |
| (9) Smith 3430907 | 430.66 | 431.02 | 0.36 | 1.24 | -130.66 | 1987 |
| (10) La Salle 7738103 | 464.38 | 470.20 | 5.82 | -10.34 | -211.31 | 2003 |
| (11) Harris 6514409 | 192.09 | 192.50 | 0.41 | -3.32 | -56.59* | 1947** |
| (12) Victoria 8017502 | 31.53 | 31.70 | 0.17 | 5.28 | 2.47 | 1958 |
| (13) El Paso 4913301 | 295.17 | 295.56 | 0.39 | 0.22 | -63.27 | 1964 |
| (14) Reeves 4644501 | 166.77 | 165.51 | -1.26 | -4.47 | -74.68 | 1952 |
| (15) Pecos 5216802 | 198.03 | 190.33 | -7.70 | 4.27 | 48.85 | 1976 |
| (16) Haskell 2135748 | 46.07 | 46.04 | -0.03 | 0.43 | -3.07 | 2002 |
| (17) Hudspeth 4807516 | 148.33 | 144.02 | -4.31 | -4.74 | -44.41 | 1966 |

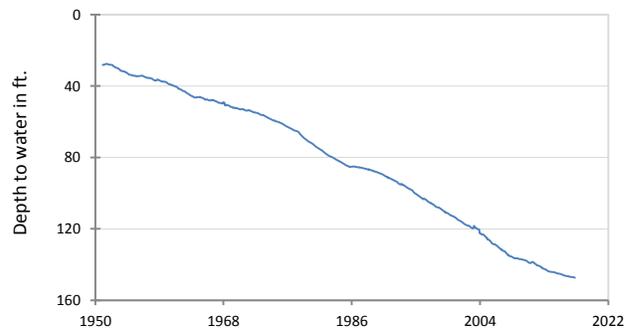
*Change since the original measurement of 135.5 feet below land surface in 1947 (**measurement not shown on the hydrograph)

APRIL 2017 GROUNDWATER LEVELS IN OBSERVATION WELLS

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



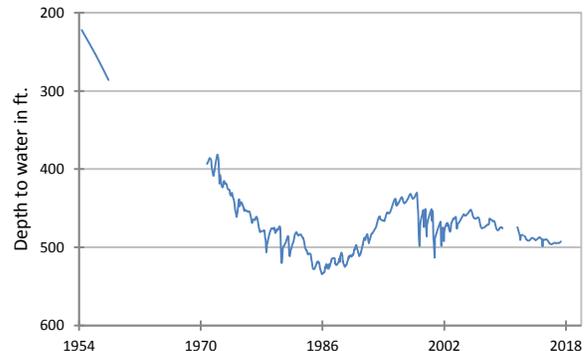
(2) State Well ID 10-53-602
Near Earth, Lamb County
Ogallala Aquifer



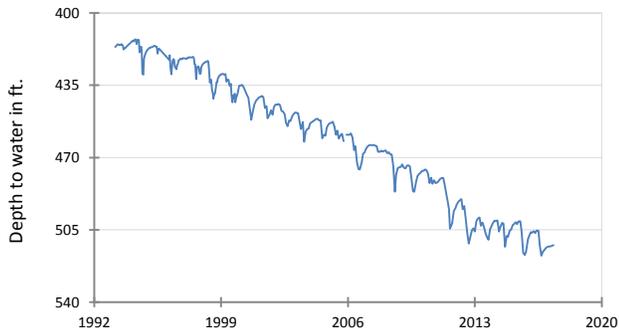
(3) State Well ID 27-39-903
Northwest Martin County
Ogallala Aquifer



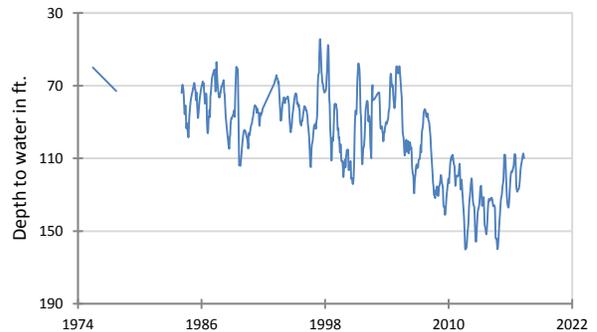
(4) State Well ID 33-19-101
Southeast Dallas, Dallas County
Twin Mountains Formation-Trinity Aquifer



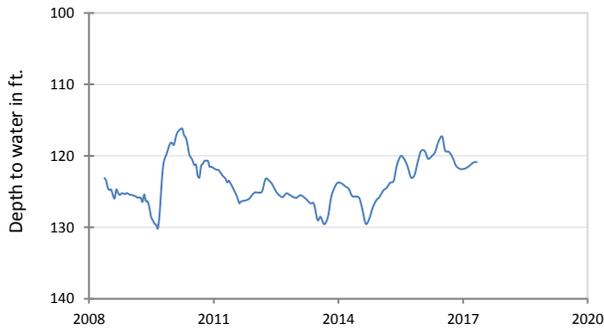
**(5) State Well ID 40-35-404
Gatesville, Coryell County
Hosston Formation-Trinity Aquifer**



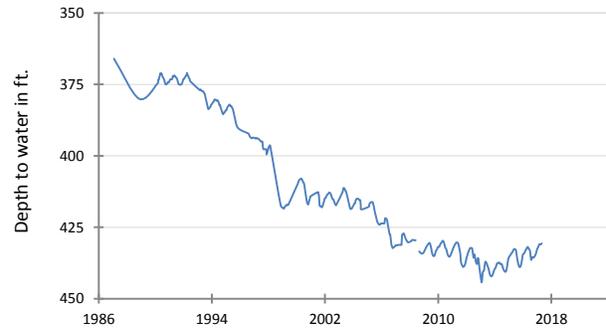
**(6) State Well ID 68-02-609
Waring, Kendall County
Cow Creek Formation-Trinity Aquifer**



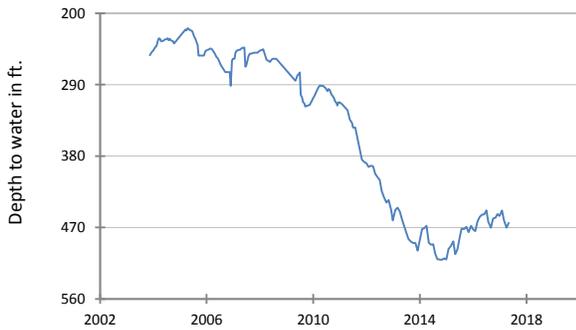
**(7) State Well ID 58-04-816
Near Salado, Bell County
Edwards (Balcones Fault Zone) Aquifer**



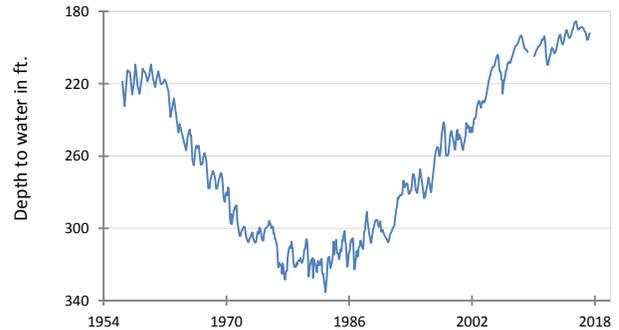
**(9) State Well ID 34-30-907
Red Springs, Smith County
Carrizo-Wilcox Aquifer**



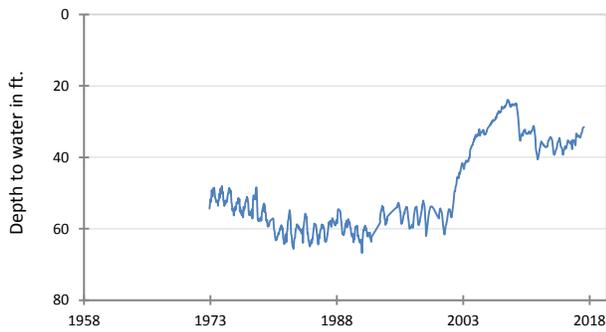
**(10) State Well ID 77-38-103
Near Cotulla, La Salle County
Carrizo-Wilcox Aquifer**



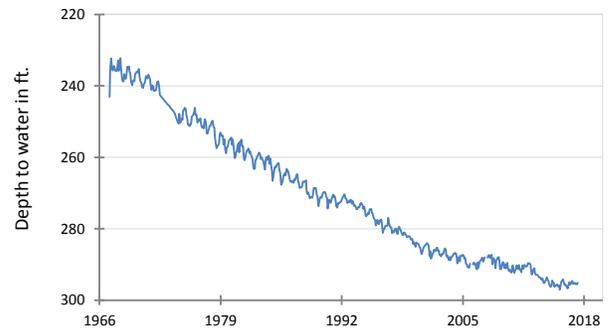
**(11) State Well ID 65-14-409
Alief, Harris County
Evangeline Formation-Gulf Coast Aquifer**



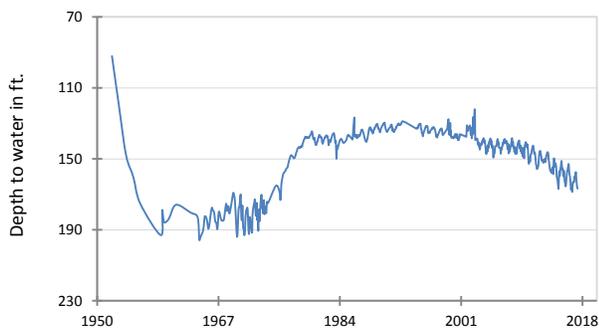
(12) State Well ID 80-17-502
Near Bloomington, Victoria County
Lissie Formation-Gulf Coast Aquifer



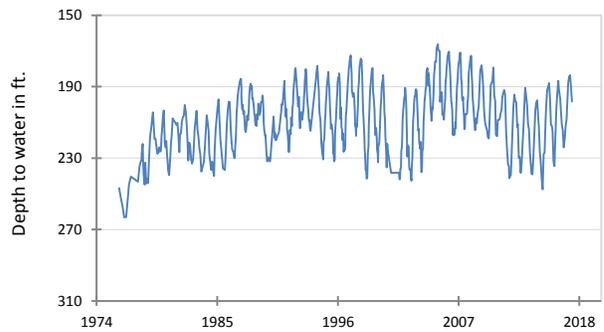
(13) State Well ID 49-13-301
El Paso, El Paso County
Hueco-Mesilla Bolson Aquifer



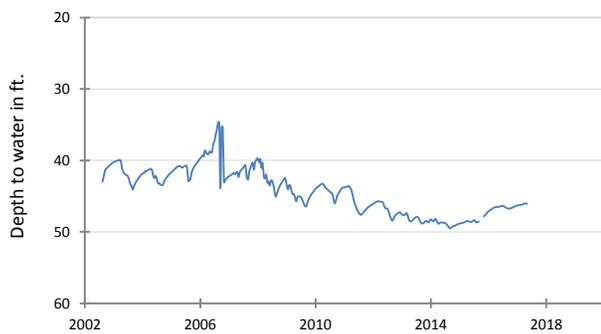
(14) State Well ID 46-44-501
Near Pecos, Reeves County
Pecos Valley Aquifer



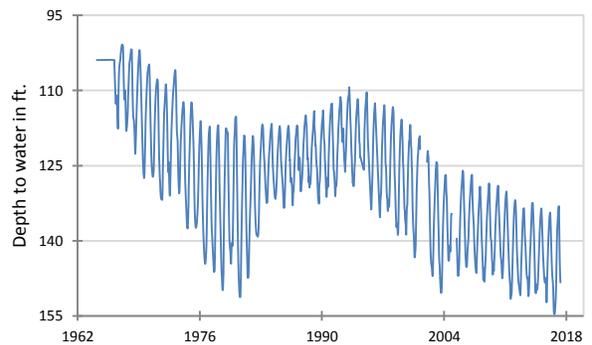
(15) State Well ID 52-16-802
Fort Stockton, Pecos County
Edwards-Trinity (Plateau) Aquifer



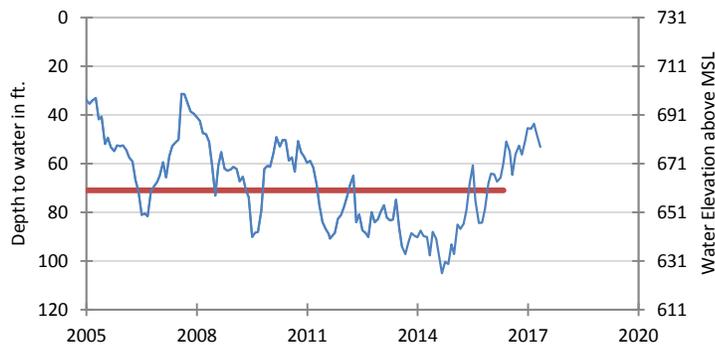
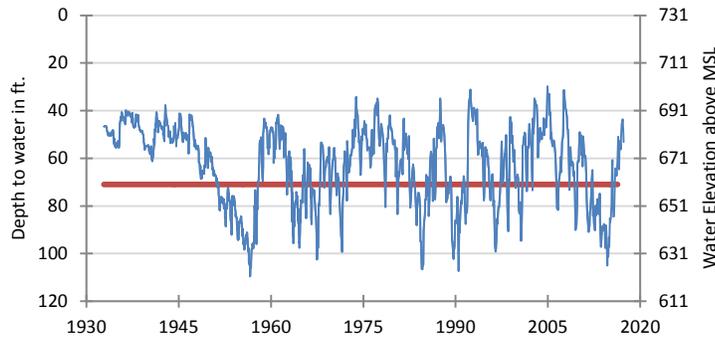
(16) State Well ID 21-35-748
Near O'Brien, Haskell County
Seymour Aquifer



(17) State Well ID 48-07-516
Dell City, Hudspeth County
Bone Spring - Victorio Peak Aquifer

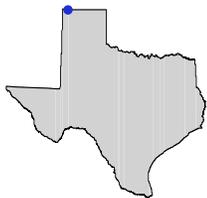


**(8) State Well ID 68-37-203 (J-17)
In San Antonio, Bexar County
Edwards (Balcones Fault Zone) Aquifer**



The late April water-level measurement in this Edwards (Balcones Fault Zone) Aquifer well, elevation 731 feet above mean sea level, was 53.21 feet below land surface, or 677.79 feet above mean sea level. This was 4.60 feet below last month's measurement, 7.10 feet above last year's measurement, and 6.57 feet below the initial measurement recorded in 1932.

***** Water levels below the red line indicate periods in which Edwards Aquifer Authority Stage I drought restrictions are in effect. *****



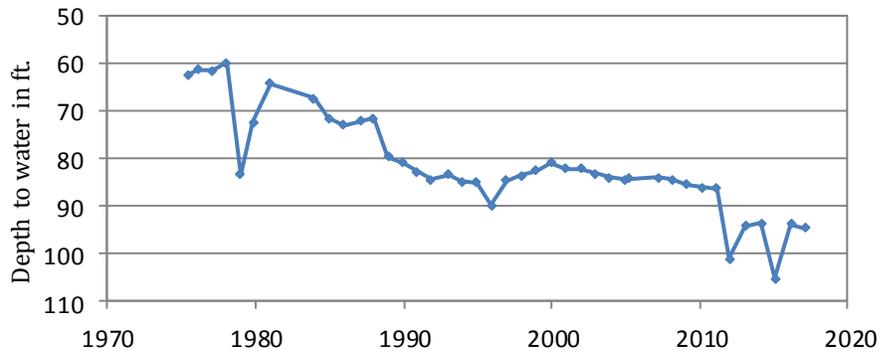
HYDROGRAPH OF THE MONTH

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

Rita Blanca Aquifer is a minor aquifer that underlies the Ogallala Aquifer in the northwest corner of the Texas Panhandle. Groundwater occurs in the coarse-grained sand and gravel layers of the Lytle and Dakota formations as well as in the Exeter Sandstone and the Morrison Formation. Thickness of the aquifer is as much as 250 feet, and freshwater saturated thickness averages about 180 feet. Water in the aquifer is usually fresh, containing less than 1,000 milligrams per liter of total dissolved solids, but very hard; however, some parts of the aquifer produce water that is slightly saline, containing more than 1,000 milligrams per liter of total dissolved solids. Irrigation accounts for the majority of the groundwater usage. Texline is the only community that uses the aquifer for municipal water supply. Water levels in irrigation wells have declined steadily, while water levels in municipal wells have remained stable.

Rita Blanca Aquifer

Well # 0235502, 135 feet deep
Irrigation well, Northern Dallam County



The first recorded water-level measurement for this irrigation well was 62.43 feet below land surface in 1975 and was measured by the TWDB consistently every year until 2005 when the North Plains Groundwater Conservation District took over measuring duties. Water level has been on a steady decline due to increased agriculture practices in the region. The highest recorded water level was 60.02 feet below land surface in 1978, and the lowest recorded level was 105.20 feet below land surface in 2015.