

# Texas Water Development Board



**W** *Conditions* **A** **T** **T** **E** **R**

## RESERVOIR STORAGE

*November 2010*

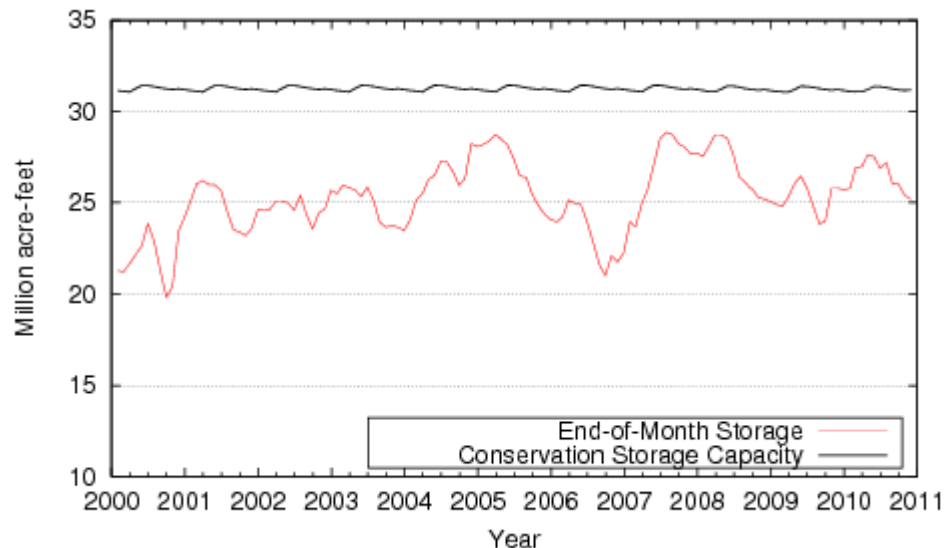
At the end of November, total storage in the state's 109 major reservoirs was at 25.19 million acre-feet, or 81% of the total conservation storage capacity. This is 0.2 million acre-feet less than a month ago.

Storage was at 100% in 8 reservoirs, the same as last month. Six lakes were at or below 10% full: O. C. Fisher Lake Reservoir was effectively empty, Lake Meredith (total) was at 1%, E.V. Spence Reservoir was at 3%, Lake J. B. Thomas was at 6%, Lake Electra was at 7%, and Hords Creek was at 8% full.

Two regions had combined storage above 90%: Upper Coast 93%, and Southern 97%. The High Plains (6%) and Trans-Pecos regions (23%) remained very low. Storage decreased in all except the Trans-Pecos and Southern regions over the month. Over the 12-month period, storage increased in 5 and 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.

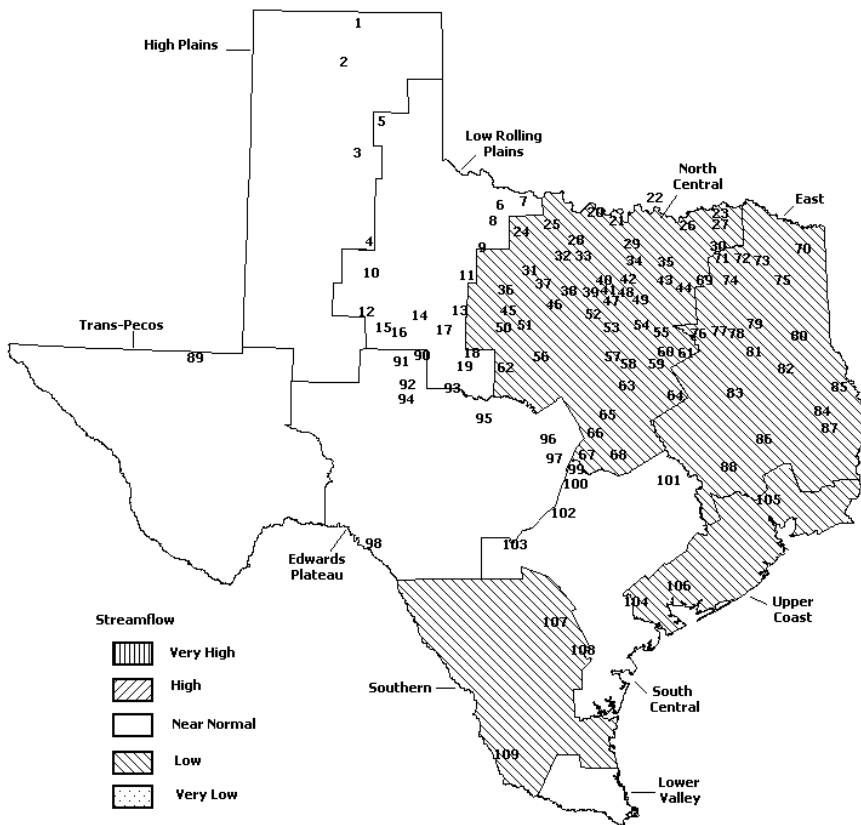
# STREAMFLOW

Of 29 reporting index stations in November, computed 30-day mean flows were low (70% - 95%) at 14 stations, very low (>95%) at 2 station, and near normal (30% - 70%) at the remaining 13 stations. Compared to October, flows have increased at 13 index stations and decreased at 15 stations.

On a regional basis, flows in November were low in the Southern, Upper Coast, East Texas, and North Central regions, and near normal everywhere else. Streamflow in the Lower Valley region is not monitored.

## NOVEMBER 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. Coletto 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		Conservation Storage		Change since Late October		Change since Late November	
		Capacity (acre-feet)	Late Nov. (acre-feet)	2010 (%)	Late October (acre-feet)	2010 (%)	Late November (acre-feet)	2009 (%)	
<b>HIGH PLAINS</b>									
Palo Duro Reservoir	1	60,897	14,910	24	-1,414	-2	14,519	24	
Meredith, Lake (Texas)	2	500,000	4,485	1	-1,706	0	-26,367	-5	
Meredith, Lake (Texas & Oklahoma)	(2)	779,556	4,485	1	-1,706	0	-26,367	-3	
MacKenzie Reservoir	3	46,429	6,168	13	-141	0	341	1	
White River Lake	4	29,880	10,490	35	-331	-1	7,393	25	
<b>TOTAL</b>		<b>637,206</b>	<b>36,053</b>	<b>6</b>	<b>-3,592</b>	<b>-1</b>	<b>-4,114</b>	<b>-1</b>	
<b>LOW ROLLING PLAINS</b>									
Greenbelt Lake	5	59,500	16,254	27	-185	0	1,006	2	
*Electra, Lake	6	5,626	419	7	-40	-1	-54	-1	
N. Fork Buffalo Crk Reservoir	7	15,400	6,250	41	-310	-2	2,056	13	
Kemp, Lake	8	245,308	245,308	100	0	0	85,582	35	
Millers Creek Reservoir	9	27,888	19,568	70	-707	-3	7,118	26	
Alan Henry Reservoir	10	94,808	90,625	96	-1,497	-2	3,571	4	
Stamford, Lake	11	51,570	51,570	100	0	0	16,252	32	
J B Thomas, Lake	12	199,931	11,808	6	-738	0	2,267	1	
Fort Phantom Hill, Lake	13	70,030	60,372	86	-2,674	-4	13,535	19	
Sweetwater, Lake	14	10,006	5,796	58	-80	-1	-66	-1	
Colorado City, Lake	15	31,793	15,003	47	-408	-1	-2,718	-9	
Champion Creek Reservoir	16	41,618	6,942	17	-156	0	1,445	3	
Abilene, Lake	17	6,099	4,986	82	-270	-4	3,150	52	
Coleman, Lake	18	38,076	21,626	57	-642	-2	-26	0	
Hords Creek Lake	19	5,684	452	8	-124	-2	-1,005	-18	
<b>TOTAL</b>		<b>903,337</b>	<b>556,979</b>	<b>62</b>	<b>-7,831</b>	<b>-1</b>	<b>132,113</b>	<b>15</b>	
<b>NORTH CENTRAL</b>									
Nocona, Lake (Farmers Crk)	20	21,445	18,750	87	-444	-2	-711	-3	
Hubert H Moss Lake	21	24,058	23,331	97	-289	-1	-492	-2	
Texoma, Lake (Texas)	22	1,315,070	1,262,640	96	16,685	1	-45,894	-3	
Texoma, Lake (Texas & Oklahoma)	(22)	2,630,141	2,525,281	96	33,370	1	-91,787	-3	
*Pat Mayse Lake	23	117,844	105,076	89	-474	0	-13,024	-11	
Kickapoo, Lake	24	85,825	72,202	84	-2,913	-3	27,189	32	
Arrowhead, Lake	25	235,997	197,072	84	-5,597	-2	45,025	19	
Bonham, Lake	26	11,026	10,255	93	257	2	-627	-6	
Crook, Lake	27	9,195	7,851	85	130	1	-1,333	-14	
Amon G Carter, Lake	28	19,903	17,828	90	-537	-3	-725	-4	
Ray Roberts, Lake	29	798,758	769,945	96	-12,254	-2	-28,813	-4	
Jim Chapman Lake (Cooper)	30	260,332	161,297	62	-8,826	-3	-99,035	-38	
Graham, Lake	31	45,260	42,701	94	-1,119	-2	5,540	12	
*Lost Creek Reservoir	32	11,950	11,163	93	-151	-1	-748	-6	
Bridgeport, Lake	33	366,236	339,704	93	-8,198	-2	68,552	19	
Lewisville Lake	34	563,228	543,228	96	-3,200	-1	-760	0	
Lavon Lake	35	443,844	333,113	75	-1,094	0	-110,731	-25	
Hubbard Creek Reservoir	36	318,067	196,597	62	-5,333	-2	-14,116	-4	
Possum Kingdom Lake	37	540,340	515,769	95	-5,186	-1	53,933	10	
*Mineral Wells, Lake	38	7,065	6,500	92	-236	-3	-212	-3	
Weatherford, Lake	39	17,789	15,054	85	-521	-3	-509	-3	
Eagle Mountain Lake	40	179,880	163,736	91	-6,391	-4	-12,036	-7	
Worth, Lake	41	24,500	18,338	75	-130	-1	-3,905	-16	
Grapevine Lake	42	164,702	156,312	95	-5,193	-3	-8,390	-5	
Ray Hubbard, Lake	43	452,040	397,220	88	10,327	2	-54,820	-12	
New Terrell City Lake	44	8,583	7,083	83	48	1	-1,500	-17	
Daniel, Lake	45	9,435	4,743	50	-473	-5	430	5	
Palo Pinto, Lake	46	26,827	23,634	88	-1,338	-5	3,680	14	
Benbrook Lake	47	85,648	78,149	91	2,706	3	-7,499	-9	
Arlington, Lake	48	40,156	35,408	88	-1,612	-4	-2,439	-6	

## CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake or Reservoir	No. on Map	Conservation Storage Capacity (acre-feet)	Conservation Storage		Change since Late October 2010		Change since Late November 2009		
			Late Nov. (acre-feet)	2010 (%)	(acre-feet)	(%)	(acre-feet)	(%)	
<b>NORTH CENTRAL (Continue)</b>									
Joe Pool Lake	49	142,861	141,754	99	0	0	-1,107	-1	
*Cisco, Lake	50	26,000	14,551	56	-338	-1	-2,145	-8	
Leon, Lake	51	26,421	16,688	63	-595	-2	-1,238	-5	
Granbury, Lake	52	128,046	123,062	96	-1,359	-1	-1,586	-1	
Pat Cleburne, Lake	53	26,008	22,639	87	-2,497	-10	-3,091	-12	
Waxahachie, Lake	54	10,779	8,819	82	-340	-3	-1,960	-18	
Bardwell Lake	55	46,122	45,874	99	464	1	-248	-1	
Proctor Lake	56	55,457	33,405	60	-1,418	-3	4,353	8	
Whitney, Lake	57	553,349	380,639	69	-71,967	-13	-144,248	-26	
Aquilla Lake	58	44,460	42,672	96	-1,118	-3	-2,420	-5	
Navarro Mills Lake	59	49,826	46,732	94	-632	-1	-9,085	-18	
*Halbert, Lake	60	6,033	3,615	60	-155	-3	-1,781	-30	
Richland-Chambers Reservoir	61	1,087,839	1,000,529	92	-23,260	-2	-103,287	-9	
*Brownwood, Lake	62	131,429	81,231	62	-2,601	-2	-7,776	-6	
Waco, Lake	62	198,943	193,191	97	-2,501	-1	-5,752	-3	
Limestone, Lake	64	208,015	170,102	82	-4,735	-2	-37,913	-18	
Belton Lake	65	435,225	398,524	92	-5,690	-1	-36,701	-8	
Stillhouse Hollow Lake	66	227,771	226,366	99	-638	0	-1,405	-1	
Georgetown, Lake	67	36,823	36,823	100	0	0	0	0	
Granger Lake	68	50,779	42,995	85	106	0	-9,530	-19	
Tawakoni, Lake	69	888,126	792,482	89	9,366	1	-95,644	-11	
<b>TOTAL</b>		<b>10,585,315</b>	<b>9,357,392</b>	<b>88</b>	<b>-151,264</b>	<b>-1</b>	<b>-666,534</b>	<b>-6</b>	
<b>EAST</b>									
Wright Patman Lake	70	122,593	122,593	100	-12,656	-10	0	0	
*Sulphur Springs, Lake	71	17,838	9,976	56	-784	-4	-7,862	-44	
Cypress Springs, Lake	72	66,756	63,059	94	594	1	-4,630	-7	
Bob Sandlin, Lake	73	200,579	172,529	86	422	0	-28,050	-14	
Fork Reservoir, Lake	74	604,927	528,682	87	-3,764	-1	-76,245	-13	
O the Pines, Lake	75	238,933	235,493	99	-819	0	-3,440	-1	
Cedar Creek Reservoir in Trinity	76	644,686	561,414	87	-4,239	-1	-83,272	-13	
Athens, Lake	77	29,435	26,428	90	186	1	-3,007	-10	
Palestine, Lake	78	370,907	322,985	87	-1,030	0	-47,922	-13	
Tyler, Lake	79	73,256	63,231	86	-709	-1	-10,025	-14	
Murvaul, Lake	80	38,284	31,635	83	773	2	-6,649	-17	
Jacksonville, Lake	81	25,670	22,930	89	87	0	-7,221	-28	
Nacogdoches, Lake	82	39,521	29,623	75	-270	-1	-9,150	-23	
Houston County Lake	83	17,113	15,352	90	343	2	-1,761	-10	
Sam Rayburn Reservoir	84	2,857,077	1,999,123	70	7,872	0	-694,464	-24	
Toledo Bend Reservoir (Texas)	85	2,236,450	1,591,441	71	-2,200	0	-611,852	-27	
Toledo Bend Reservoir (TX & LA)	(85)	4,472,900	3,182,883	71	-4,399	0	-1,223,704	-27	
*Livingston, Lake	86	1,741,867	1,741,867	100	0	0	0	0	
B A Steinhagen Lake	87	66,966	53,390	80	-7,931	-12	-3,697	-6	
Conroe, Lake	88	416,188	387,953	93	3,349	1	-28,235	-7	
<b>TOTAL</b>		<b>9,809,046</b>	<b>7,979,704</b>	<b>81</b>	<b>-20,776</b>	<b>0</b>	<b>-1,627,482</b>	<b>-17</b>	
<b>TRANS-PECOS</b>									
Red Bluff Reservoir	89	289,670	67,682	23	15,614	5	2,903	1	
<b>TOTAL</b>		<b>289,670</b>	<b>67,682</b>	<b>23</b>	<b>15,614</b>	<b>5</b>	<b>2,903</b>	<b>1</b>	

## CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

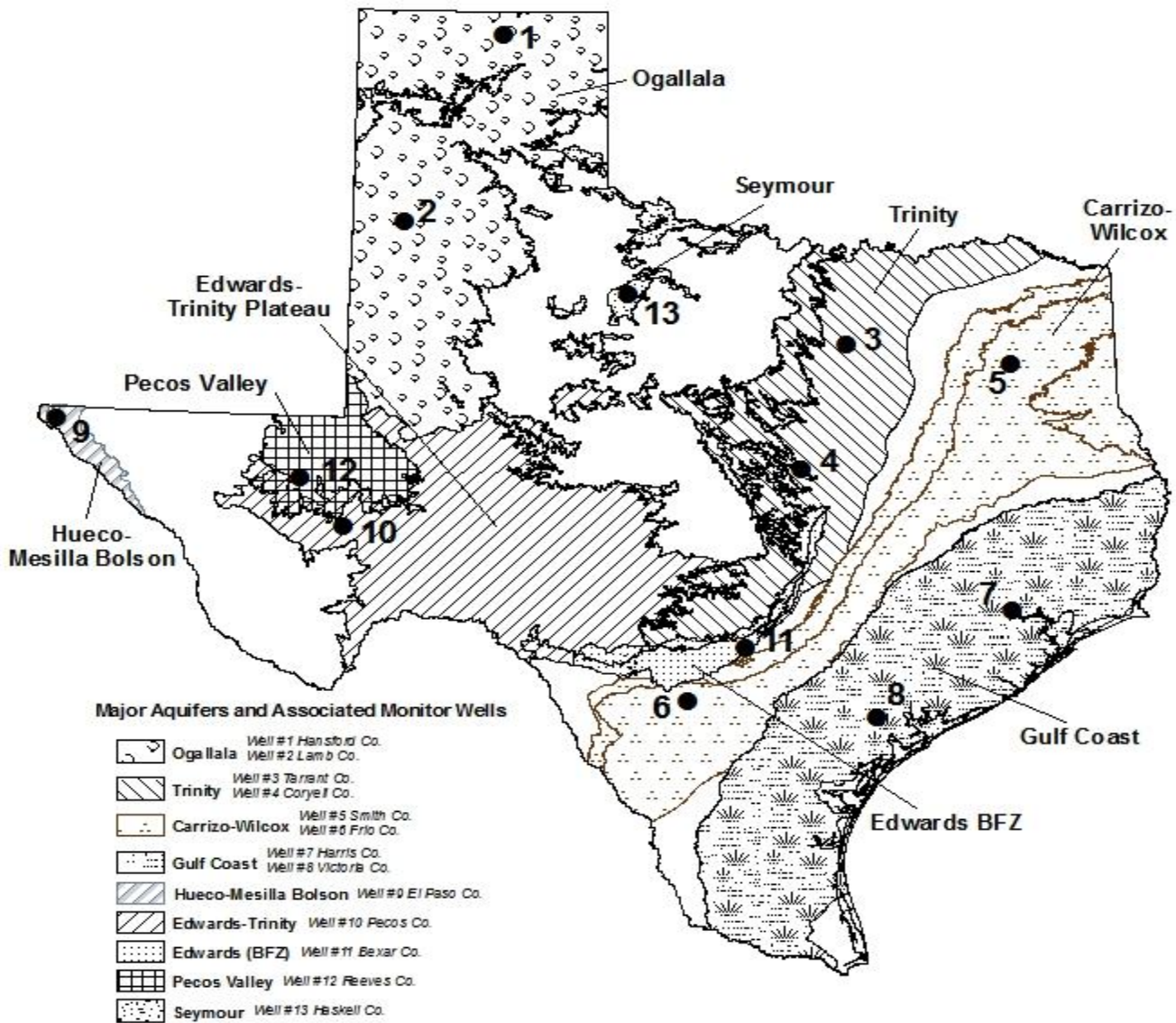
Name of Lake or Reservoir	No. on Map	Conservation Storage		Change since Late October		Change since Late November		
		Capacity (acre-feet)	Late Nov. (acre-feet)	2010 (%)	2010 (acre-feet)	(%)	2009 (acre-feet)	(%)
<b>EDWARDS PLATEAU</b>								
Oak Creek Reservoir	90	39,260	23,326	59	-638	-2	-79	0
E V Spence Reservoir	91	517,272	17,453	3	-2,385	0	-7,515	-1
O C Fisher Lake	92	79,483	0	0	0	0	0	0
*O H Ivie Reservoir	93	554,335	185,073	33	-6,664	-1	-52,988	-10
Twin Buttes Reservoir	94	177,850	20,156	11	-967	-1	-7,317	-4
Brady Creek Reservoir	95	29,110	13,325	46	-585	-2	-1,580	-5
Buchanan, Lake	96	875,610	667,908	76	-5,662	-1	237,699	27
Lyndon B Johnson, Lake	97	113,323	112,108	99	547	0	1,761	2
*Amistad Reservoir (Texas)	98	1,840,849	1,841,000	100	0	0	117,000	6
*Amistad Reservoir (TX & Mexico)	(98)	3,275,532	3,275,532	100	0	0	131,532	4
<b>TOTAL</b>		<b>4,227,092</b>	<b>2,880,349</b>	<b>68</b>	<b>-16,354</b>	<b>0</b>	<b>286,981</b>	<b>7</b>
<b>SOUTH CENTRAL</b>								
Travis, Lake	99	1,113,255	884,355	79	-22,568	-2	219,356	20
*Austin, Lake	100	21,804	21,304	98	242	1	620	3
Somerville Lake	101	147,104	128,264	87	-2,999	-2	-18,840	-13
Canyon Lake	102	378,781	372,810	98	-3,680	-1	72,368	19
Medina Lake	103	254,823	176,859	69	-6,092	-2	110,968	44
*Coletto Creek Reservoir	104	31,040	29,703	96	-703	-2	-1,337	-4
<b>TOTAL</b>		<b>1,946,807</b>	<b>1,613,295</b>	<b>83</b>	<b>-35,800</b>	<b>-2</b>	<b>383,135</b>	<b>20</b>
<b>UPPER COAST</b>								
Houston, Lake	105	128,863	128,863	100	1,463	1	0	0
Texana, Lake	106	153,246	133,906	87	-6,709	-4	-19,340	-13
<b>TOTAL</b>		<b>282,109</b>	<b>262,769</b>	<b>93</b>	<b>-5,246</b>	<b>-2</b>	<b>-19,340</b>	<b>-7</b>
<b>SOUTHERN</b>								
Choke Canyon Reservoir	107	695,262	565,723	81	-14,213	-2	90,832	13
Corpus Christi, Lake	108	256,961	233,410	91	-8,013	-3	152,078	59
*Falcon Reservoir (Texas)	109	1,551,034	1,639,000	106	26,000	2	669,000	43
*Falcon Reservoir (TX & Mexico)	(109)	2,646,817	2,646,817	100	0	0	973,817	37
<b>TOTAL</b>		<b>2,503,257</b>	<b>2,438,133</b>	<b>97</b>	<b>3,774</b>	<b>0</b>	<b>911,910</b>	<b>36</b>
<b>STATE TOTAL</b>		<b>31,183,839</b>	<b>25,192,356</b>	<b>81</b>	<b>-221,475</b>	<b>-1</b>	<b>-600,428</b>	<b>-2</b>

\* 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  $100 * (\text{current conservation storage} - \text{past conservation storage}) / \text{conservation storage capacity}$ . Figures shown are for the Texas share of conservation storage in all reservoirs.

# GROUNDWATER LEVELS IN OBSERVATION WELLS



November, 2010

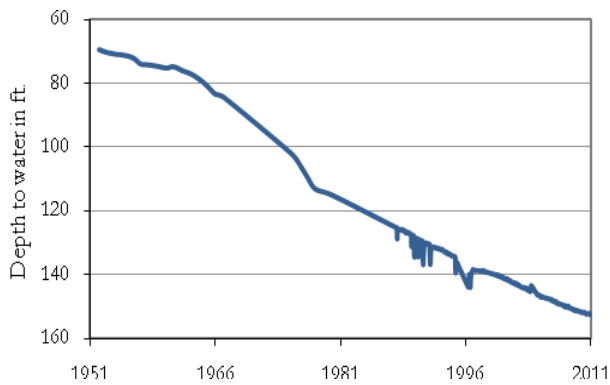
Water level measurements were available for all thirteen key monitoring wells. Water levels rose in eight of the thirteen monitoring wells since the beginning of November ranging from 0.15 feet in the El Paso County Hueco Bolson Aquifer well to 21.45 feet in the Frio County Carrizo Aquifer well. Water levels declined in the remaining monitoring wells, ranging from 0.27 feet in the Lamb County Ogallala Aquifer well to 1.99 feet in the Bexar County Edwards Aquifer J-17 well. The J-17 well in San Antonio recorded a water level of 57.50 feet below land surface, 1.99 feet below last month's measurement. This water level is 13.50 feet above the Stage 1 critical management level.

	(1) Hansford 0354301	(2) Lamb 1053602	(3) Tarrant 3215504	(4) Coryell 4035404	(5) Smith 3430907	(6) Frio 7708803	(7) Harris 6514409	(8) Victoria 8017502	(9) El Paso 4913301	(10) Pecos 5216802	(11) Bexar 6837203	(12) Reeves 4644501	(13) Haskell 2135748
November 2010	152.46	139.10	449.76	482.07	434.3	416.6	198.29	33.38	291.1	202.77	57.34	144.84	43.85
October 2010	152.06	138.83	449.23	482.44	435.23	438.05	198.67	32.76	291.25	204.88	55.35	147.30	44.39
Month Change	-0.40	-0.27	-0.53	0.37	0.93	21.45	0.38	-0.62	0.15	2.11	-1.99	2.46	0.54
Year Change	-0.61	-1.94	-0.20	-4.1	-1.55	-17.47	N/A	0.35	0.76	-13.55	3.56	-2.06	0.57
Historical Change	-82.34	-110.95	-71.23	-190.07	-68.30	-136.60	-62.79	0.62	-59.20	44.11	-10.70	-52.75	-2.52

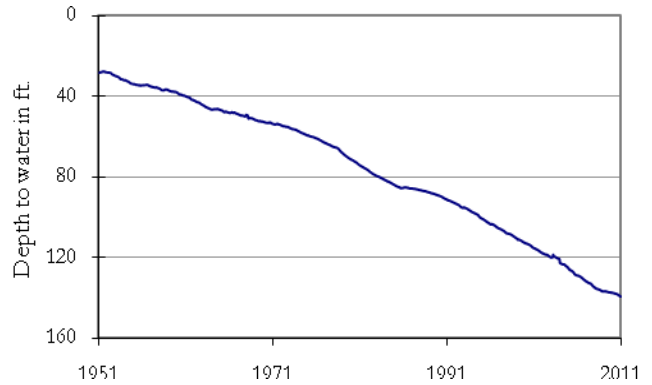
\* ID is used in this publication to differentiate between the monitoring well number (1 - 13) as displayed on the aquifer map and the TWDB's six- or seven-digit state well "identification" number.

# NOVEMBER GROUNDWATER LEVELS IN OBSERVATION WELLS

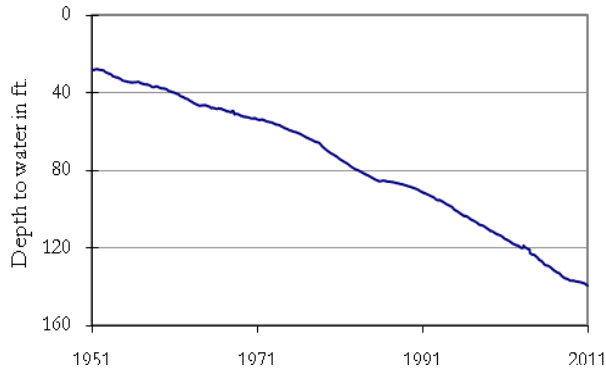
**(1) State Well ID 03-54-301  
Near Spearman, Hansford County  
Ogallala Aquifer**



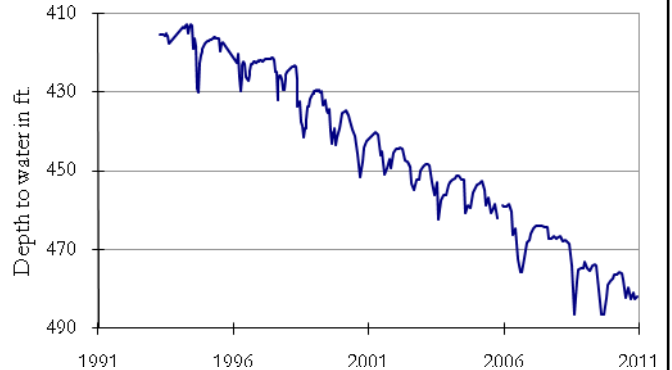
**(2) State Well ID 10-53-602  
Near Earth, Lamb County  
Ogallala Aquifer**



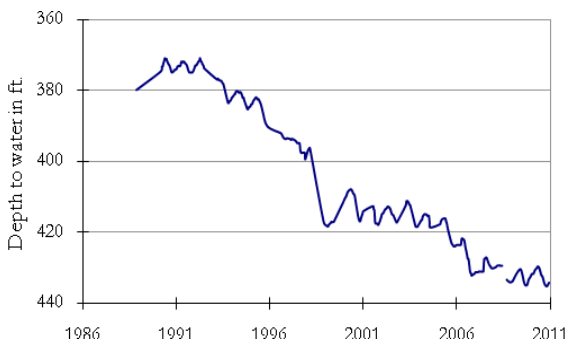
**(3) State Well ID 32-15-504  
Near Hurst, Tarrant County  
Paluxy Formation-Trinity Aquifer**



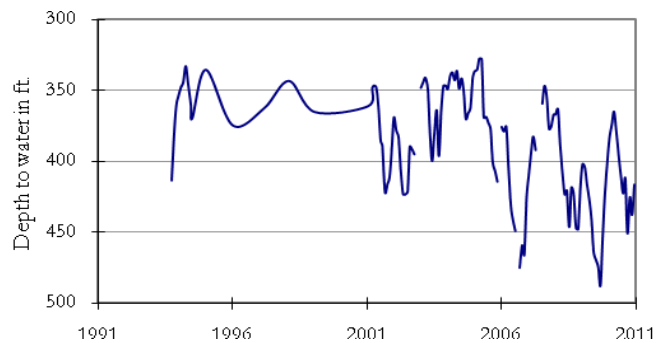
**(4) State Well ID 40-35-404  
Gatesville, Coryell County  
Hosston Formation-Trinity Aquifer**



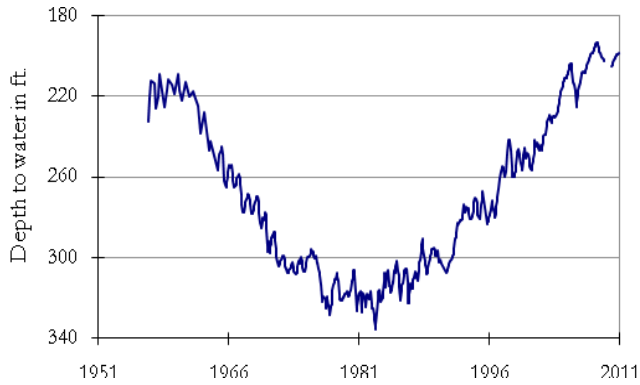
**(5) State Well ID 34-30-907  
Red Springs, Smith County  
Carrizo-Wilcox Aquifer**



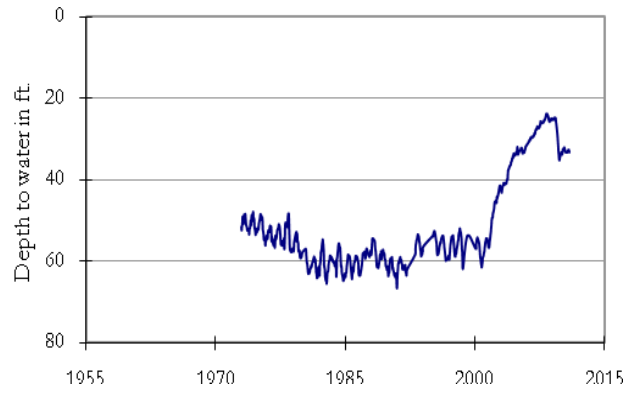
**(6) State Well ID 77-08-803  
Pearsall, Frio County  
Carrizo-Wilcox Aquifer**



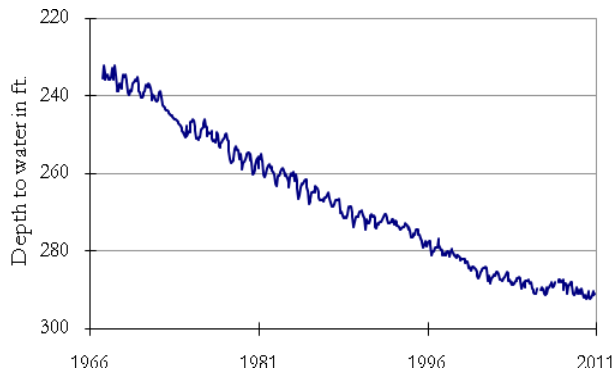
**(7) State Well ID 65-14-409**  
**Alief, Harris County**  
**Evangeline Formation-Gulf Coast Aquifer**



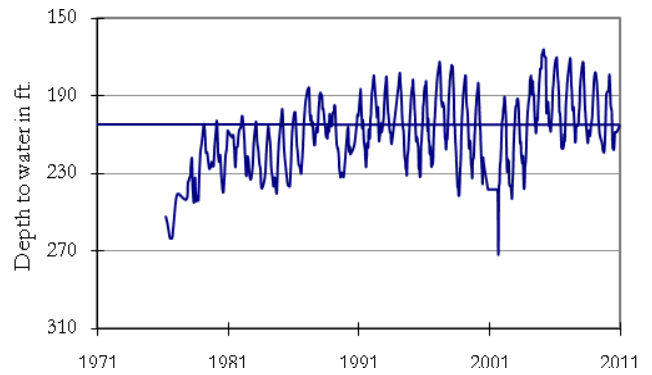
**(8) State Well ID 80-17-502**  
**Near Bloomington, Victoria County**  
**Lissie Formation-Gulf Coast Aquifer**



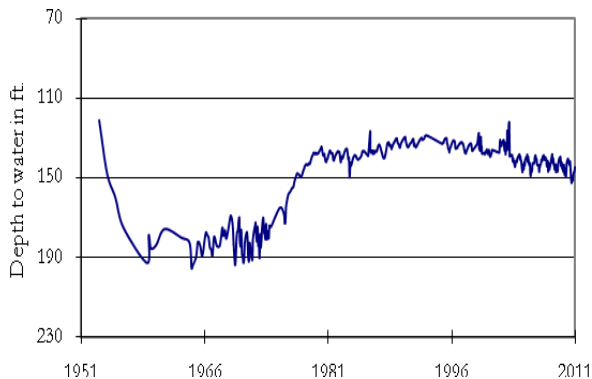
**(9) State Well ID 49-13-301**  
**El Paso, El Paso County**  
**Hueco-Mesilla Bolson Aquifer**



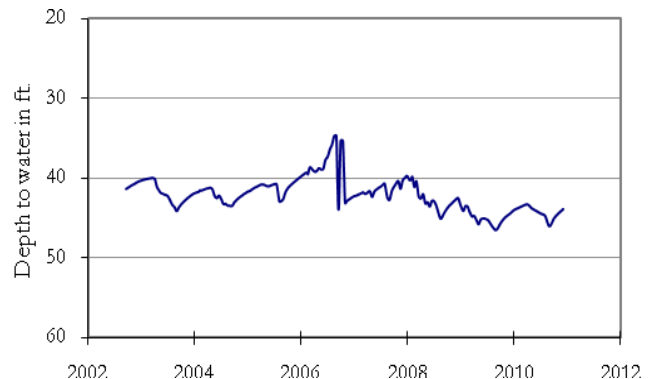
**(10) State Well ID 52-16-802**  
**Fort Stockton, Pecos County**  
**Edwards-Trinity (Plateau) Aquifer**



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

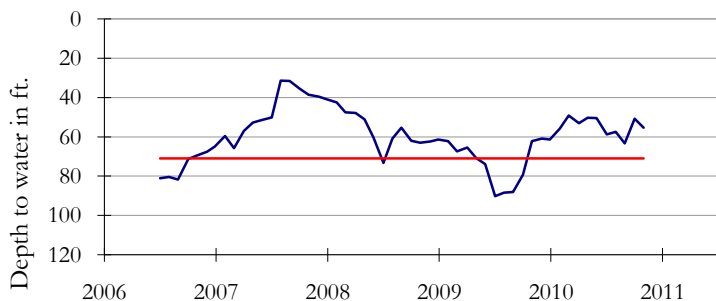
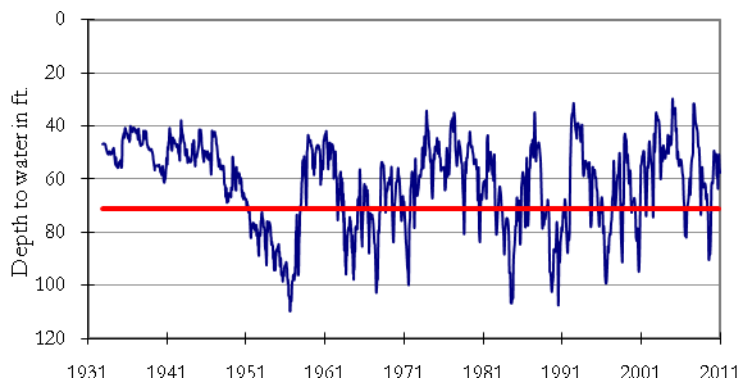


**(13) State Well ID 21-35-748**  
**Near O'Brien, Haskell County**  
**Seymour Aquifer**





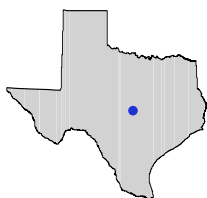
**(11) State Well ID 68-37-203 (J-17)  
In San Antonio, Bexar County  
Edwards (BFZ) Aquifer**



The late November water level measurement in this Edwards (BFZ) Aquifer well, elevation 731 feet above sea level, was 57.34 feet below land surface. This was 1.99 feet below last month's measurement, 3.56 feet above last year's measurement, and 10.70 feet below the initial measurement recorded in 1932.

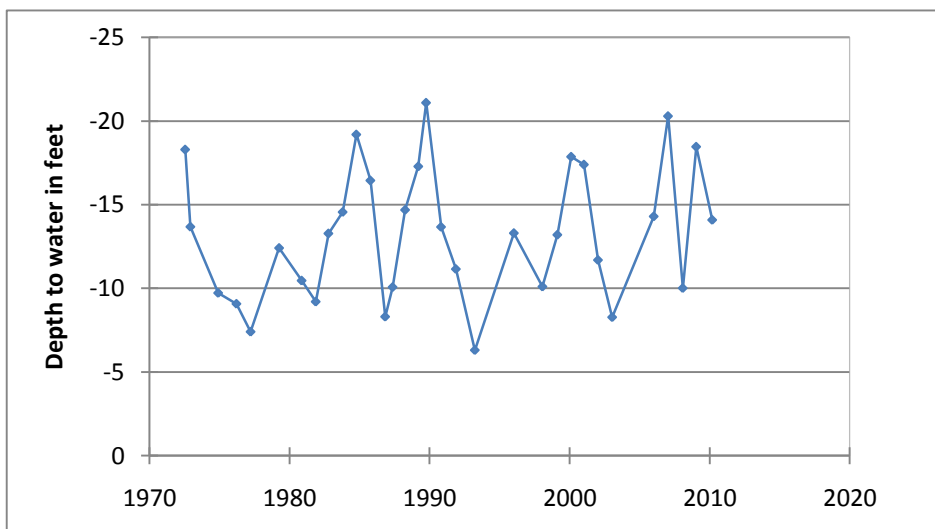
**\*\*\* Water levels below the red line indicate Edwards Aquifer Authority Stage 1 drought restrictions. \*\*\***

***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 57-05-702  
Llano County**



This Hickory Aquifer water level observation well is located 5 miles north of Bluffton at an elevation of 1,035 feet above sea level. Water levels in this unused Hickory Aquifer outcrop well are very shallow and influenced by the amount of rainfall in the vicinity of the well than by any pumping. The current water level is 4.21 feet above the initial water level measurement made in 1972.

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