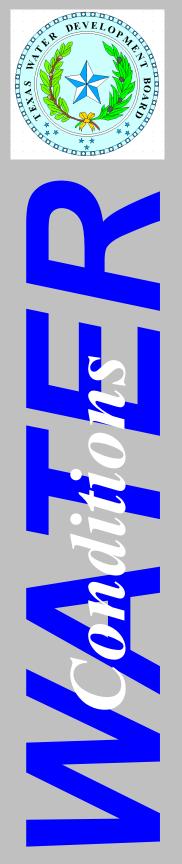
Texas Water Development Board

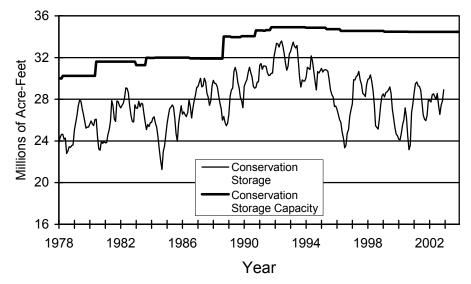


RESERVOIR STORAGE December 2002

Near the end of December, the 77 reservoirs monitored for this report held 28.91 million acre-feet in conservation storage, or 83.9 percent of the conservation storage capacity of the State's major reservoirs. Statewide total storage is above median for this time of year for the first time in a long time. Storage increased for the month, up 1.06 million acre-feet (+3.1%). Compared to last year at this time, storage is up 0.98 million acre-feet (+2.8%).

Storage in the East (97%), Upper Coast (100%) and South Central (100%) Regions are at or near capacity, while the High Plains (34%), Low Rolling Plains (50%), Trans-Pecos (18%), Edwards Plateau (48%) and Southern (52%) Regions all remained low. The North Central (93%) Region remained fairly high. Storage is at 100% in 31 reservoirs, up 14 from last month. Twin Buttes Reservoir and O.C. Fisher Lake appear not to have benefited from the rains seen throughout the rest of the state, remaining at 3%. Falcon Reservoir experienced a modest increase since last year, up 9% to 27% (total for Texas and Mexico).

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS



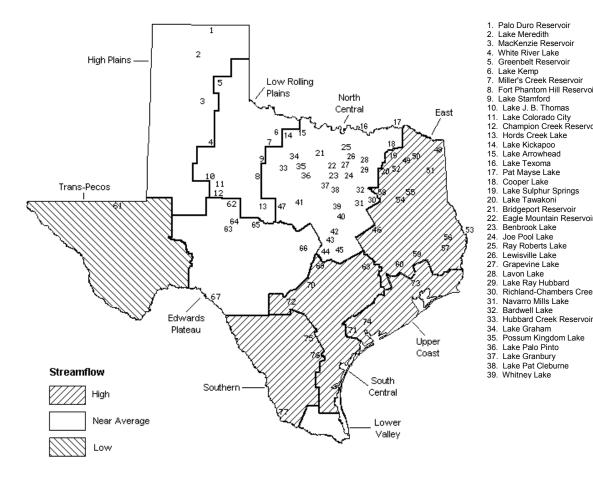
Current data are based on elevation near end of month at 77 reservoirs that represent 98 percent of total conservation storage capacity in Texas reservoirs having a capacity of 5.000 acre-feet or more.

STREAMFLOW

Of 29 reporting index stations in December, computed 30-day mean flows were very high (0% - 5% excedance) at 4 stations, high (5% - 30% exceedance) at 9 stations, near normal (30% - 70% exceedance) at 14 stations, and low (70% - 95% excedance) at 2 stations. Compared to November, flows increased at 13 index stations and decreased at 16.

On a regional basis, flows in December were normal in the High Plains, Low Rolling Plains, North Central and Edwards Plateau Regions. Flows were high in the East Texas, Upper Coast and Southern Regions, very high in the South Central region and low in the Trans Pecos Region.

DECEMBER STREAMFLOW CONDITIONS



Reservoirs Shown on Map

Palo Duro Reservoir	40. Waco Lake
Lake Meredith	41. Proctor Lake
MacKenzie Reservoir	42. Belton Lake
White River Lake	43. Stillhouse Hollow Lake
Greenbelt Reservoir	44. Lake Georgetown
Lake Kemp	45. Granger Lake
Miller's Creek Reservoir	46. Lake Limestone
Fort Phantom Hill Reservoir	47. Lake Brownwood
Lake Stamford	48. Wright Patman Lake
Lake J. B. Thomas	49. Lake Cypress Springs
Lake Colorado City	50. Lake Bob Sandlin
Champion Creek Reservoir	51. Lake O' the Pines
Hords Creek Lake	52. Lake Fork Reservoir
Lake Kickapoo	53. Toledo Bend Reservoir
Lake Arrowhead	54. Lake Palestine
Lake Texoma	55. Lake Tyler
Pat Mayse Lake	56. Sam Rayburn Reservoir
Cooper Lake	57. B. A. Steinhagen Lake
Lake Sulphur Springs	58. Cedar Creek Reservoir
Lake Tawakoni	59. Lake Livingston
Bridgeport Reservoir	60. Lake Conroe
Eagle Mountain Reservoir	Red Bluff Reservoir
Benbrook Lake	62. E. V. Spence Reservoir
Joe Pool Lake	Twin Buttes Reservoir
Ray Roberts Lake	64. O. C. Fisher Lake
Lewisville Lake	O. H. Ivie Reservoir
Grapevine Lake	66. Lake Buchanan
Lavon Lake	67. Intl. Amistad Reservoir
Lake Ray Hubbard	68. Somerville Lake

- Richland-Chambers Creek Lake 69. Lake Travis
 - 70. Canvon Lake
 - Coleto Creek Reservoir
 - 72. Medina Lake 73. Lake Houston
 - 74. Lake Texana
 - 75. Choke Canyon Reservoir
 - Lake Corpus Christi 76.
 - 77. Intl. Falcon Reservoir

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake	No.	Conservation	ion Conservation		Change since		Change since		
or Reservoir	on	Storage	Storage		Late Novembe	r	Late December		
	Map Capacity L		Late December 2002		2002		2001		
		(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)	
		HIGH H	PLAINS						
Palo Duro Reservoir	1	60,900	3,520	6	-90	0	-2,650	- 4	
Lake Meredith (Texas)	2	500,000	197,580	40	-1,870	0	-59,020	-12	
Lake Meredith									
(Texas and Oklahoma)	(2)	779,560	197,580	25	-1,870	0	-59,020	- 8	
MacKenzie Reservoir	3	46,250	8,050	17	-80	0	-510	-1	
White River Lake	4	31,850	6,090	19	440	1	-1,610	- 5	
TOTAL		639,000	215,240	34	-1,600	0	-63,790	-10	
		LOW ROLLI	NG PLAINS						
Greenbelt Reservoir	5	58,200		40	370	1	-710	-1	
Lake Kemp	6	319,600		75	13,420	4	105,420	33	
Miller's Creek Reservoir	7	27,890		55	10	0	2,450	9	
Fort Phantom Hill Reservoir	8	70,030		63	-930	-1	13,220	19	
Lake Stamford	9	52,700		77	80	0	24,120	46	
Lake J. B. Thomas	10	202,300		10	-140	0	-180	0	
Lake Colorado City	11			54	-10	0	-2,550	- 8	
Champion Creek Reservoir	12	41,600	2,290	6	20	0	110	0	
Hords Creek Lake	13	8,600	2,490	29	-60	-1	-660	- 8	
TOTAL		811,720	406,680	50	12,760	2	141,220	17	
		NODELL							
Tobo Wishanaa	14	NORTH (F1.0	0	10 010	10	
Lake Kickapoo	14	106,000		77	510	0	10,210	10	
Lake Arrowhead Lake Texoma	15 16	262,100		59 98	780	0 2	-150	0 2	
Pat Mayse Lake	10	2,722,300 124,500			46,630 6,220	∠ 5	49,640 0	20	
Cooper Lake	18	273,000			0,220	0	0	0	
Lake Sulphur Springs	10	17,710		99	60	0	4,020	23	
Lake Tawakoni	20	936,200		97	33,800	4	-11,700	-1	
Bridgeport Reservoir	20	374,830		75	2,500	1	-9,600	- 3	
Eagle Mountain Reservoir	22	178,380		82	5,000	3	-200	0	
Benbrook Lake	23	88,200		93	4,550	5	12,330	14	
Joe Pool Lake	24	175,800	-		740	0	0	0	
Ray Roberts Lake	25	798,760	-		16,430	2	44,060	6	
Lewisville Lake	26	555,000	-		0	0	46,000	8	
Grapevine Lake	27	187,700		92	10,130	5	29,990		
Lavon Lake	28	443,800		91	24,490	6	68,020	15	
Lake Ray Hubbard	29	413,420			13,820	3	0	0	
Richland-Chambers Creek Lake	30	1,103,820	1,103,820	100	73,820	7	0	0	
Navarro Mills Lake	31	55,810	55,810	100	3,690	7	0	0	
Bardwell Lake	32	53,580	49,160	92	7,680	14	-4,420	- 8	
Hubbard Creek Reservoir	33	317,800	151,800	48	700	0	32,600	10	
Lake Graham	34	45,000	29,830	66	-110	0	-4,130	- 9	
Possum Kingdom Lake	35	551,820	484,400	88	1,200	0	18,200	3	
Lake Palo Pinto	36	27,650	22,920	83	70	0	7,230	26	
Lake Granbury	37	135,680	133,100	98	2,400	2	18,000	13	
Lake Pat Cleburne	38	25,300	20,780	82	600	2	350	1	
Whitney Lake	39	622,800	462,920	74	-2,850	0	-8,680	-1	
Waco Lake	40	144,500	144,500	100	4,220	3	0	0	
Proctor Lake	41	55,590	55,590	100	140	0	18,710	34	
Belton Lake	42	434,500	434,500	100	0	0	0	0	
Stillhouse Hollow Lake	43	226,060	226,060	100	0	0	0	0	
Lake Georgetown	44	37,010	37,010	100	0	0	0	0	
Granger Lake	45	54,280	54,280	100	0	0	0	0	
Lake Limestone	46	215,750	215,750	100	0	0	1,950	1	
Lake Brownwood	47	143,400	132,890	93	1,110	1	23,890	17	
TOTAL		11,908,050	11,071,400	93	258,330	2	346,320	3	

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake	No.	Conservation	on Conservation		Change since		Change since		
or Reservoir	on	Storage	Storage Late December 2002		Late November 2002		Late December 2001		
	Мар	Capacity							
		(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)	
		EA	ST						
Wright Patman Lake	48	142,700	142,700	100	0	0	0	0	
Lake Cypress Springs	49	66,800	66,800	100	0	0	0	0	
Lake Bob Sandlin	50	202,300	202,300	100	1,700	1	0	0	
Lake O' the Pines	51	252,000	233,070	92	-10,510	-4	-18,930	- 8	
Lake Fork Reservoir	52	635,200	635,200	100	0	0	0	0	
Toledo Bend Reservoir	53	4,472,900	4,149,000	93	356,000	8	-23,000	-1	
Lake Palestine	54	411,300	404,020	98	31,300	8	-7,280	- 2	
Lake Tyler	55	73,700	73,700	100	0	0	0	0	
Sam Rayburn Reservoir	56	2,876,300	2,876,300	100	315,520	11	0	0	
B. A. Steinhagen Lake	57	94,200	84,520	90	390	0	51,350	55	
Cedar Creek Reservoir	58	637,050	637,050	100	32,750	5	150	0	
Lake Livingston	59	1,750,000	1,750,000	100	10,000	1	0	0	
Lake Conroe	60	429,900	421,300	98	5,300	1	3,300	1	
TOTAL		12,044,350	11,675,960	97	742,450	6	5,590	0	
		TRANS-							
Red Bluff Reservoir	61	• • • •		18	10,370	3	18,540	6	
TOTAL		307,000	56,490	18	10,370	3	18,540	6	
		EDWARDS	PLATEAU						
E. V. Spence Reservoir	62	488,760	42,540	9	-1,450	0	-18,290	-4	
Twin Buttes Reservoir	63	177,800	5,230	3	-770	0	-2,620	-1	
O.C. Fisher Lake	64	119,200	3,430	3	-40	0	-1,050	-1	
O. H. Ivie Reservoir	65	554,340	214,100	39	-1,900	0	-42,000	- 8	
Lake Buchanan	66	896,980	883,870	99	8,870	1	115,470	13	
Amistad Reservoir (Texas)	67	1,771,030	785,000	44	21,000	1	8,000	0	
Amistad Reservoir									
(Texas and Mexico)	(67)	3,151,300	1,033,000	33	46,000	1	84,000	3	
TOTAL		4,008,110	1,934,170	48	25,710	1	59,510	1	
		SOUTH (CENTRAL						
Somerville Lake	68			100	0	0	0	0	
Lake Travis	69	-	-		8,300		0		
Canyon Lake	70				4,740	1	-360		
Coleto Creek Reservoir	71				50	0	130	0	
Medina Lake	72				0	0	0	0	
TOTAL		1,973,820			13,090	1	-230	0	
			G0.1 GTT						
Tobo Noveton		UPPER		100	-	~	~	~	
Lake Houston	73				0	0	0	0	
Lake Texana TOTAL	74	-			1,240	1	0	0	
TOTAL		286,760	286,760	T00	1,240	0	0	0	

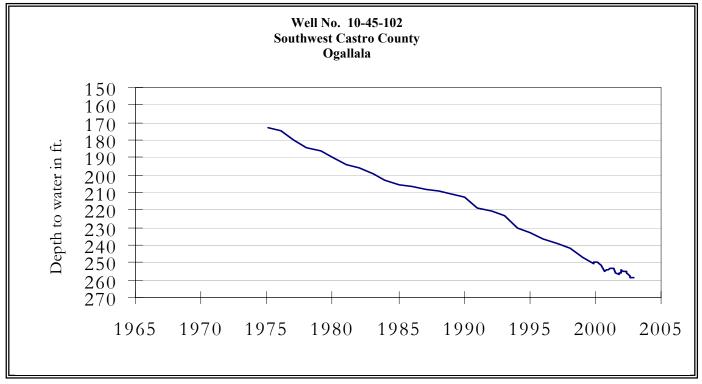
Name of Lake	No.	Conservation	Conservation		Change since		Change sinc	
or Reservoir	on	Storage	Storage		Late Novembe	er	Late Decembe	er
	Map	Capacity	Late December 3	2002	2002		2001	
		(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)
		SOUT	HERN					
Choke Canyon Reservoir	75	695,260	694,000	100	3,000	0	411,000	59
Lake Corpus Christi	76	241,240	241,240	100	0	0	0	0
Falcon Reservoir (Texas)	77	1,555,120	355,000	23	-3,000	0	62,000	4
Falcon Reservoir								
(Texas and Mexico)	(77)	2,653,290	713,000	27	2,000	0	251,000	9
TOTAL		2,491,620	1,290,240	52	0	0	473,000	19
STATE TOTAL		34,470,430	28,907,320	84	1,062,350	3	980,160	3

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Note:

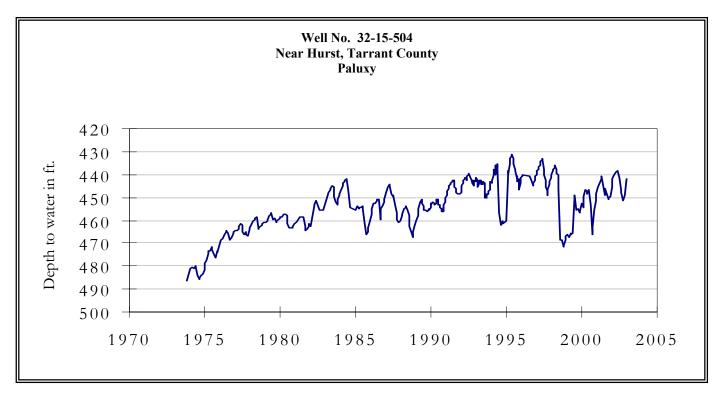
Conservation storage capacity is the space available to store water above the level of invert of lowest outlet works and below the level of top of conservation pool or normal maximum operating level. Conservation storage refers to the volume of water held within the conservation storage space. Not included is any water in flood control storage (above the top of conservation pool or normal maximum operating level), or any water in so called dead storage (in the bottom of the reservoir, below the invert of lowest outlet works and consequently not removable by gravity flow alone.) Percentage of conservation storage is based on the conservation storage capacity of the reservoir and the conservation storage in the reservoir for date shown. Percent change is given by % Change = 100 * (current conservation storage - past conservation storage)/conservation storage capacity.

Current data are based on elevations near end of month at 77 reservoirs that together represent 98 percent of the total conservation storage capacity of major Texas reservoirs (those with capacity of 5,000 acre-feet or more each). Figures in parentheses for Lake Meredith represent the total conservation storage excluding 58,014 acre-feet of dead storage and are not included in State total. Preliminary figures are shown for the United States' share of conservation storage in International Amistad and International Falcon Reservoirs; the estimates may be subject to revision on completion of international water accounting. Texas (United States' share) and Mexico and are not included in State total.

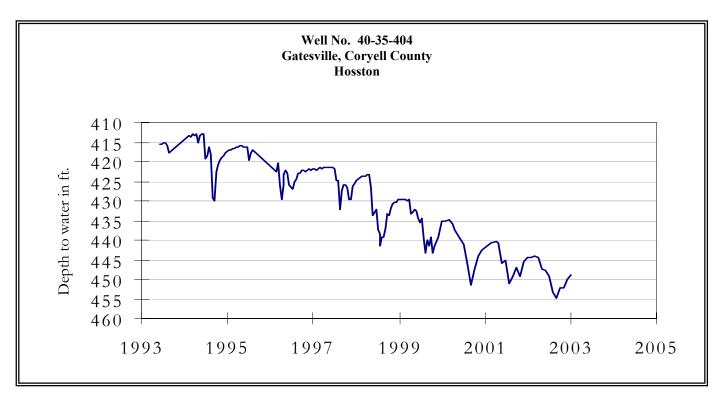


DECEMBER GROUND WATER LEVELS IN OBSERVATION WELLS

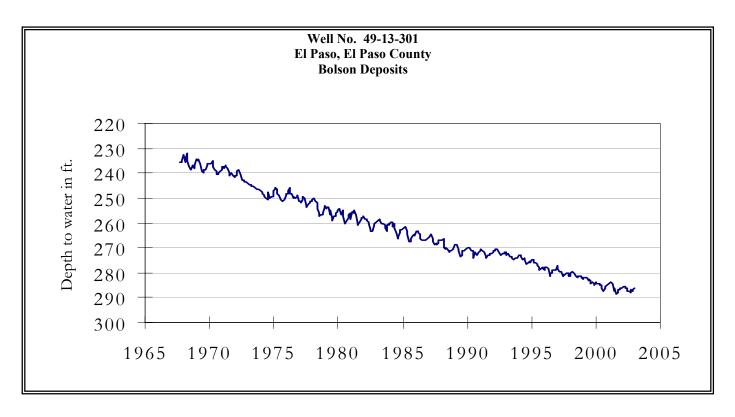
The late December water-level measurement in this Ogallala aquifer well, elevation 3,816 feet above sea level, was 258.26 feet below land surface. This measurement was 0.08 feet above last month's measurement, 2.96 feet below last year's measurement, and 102.26 feet below the initial measurement recorded in 1968.



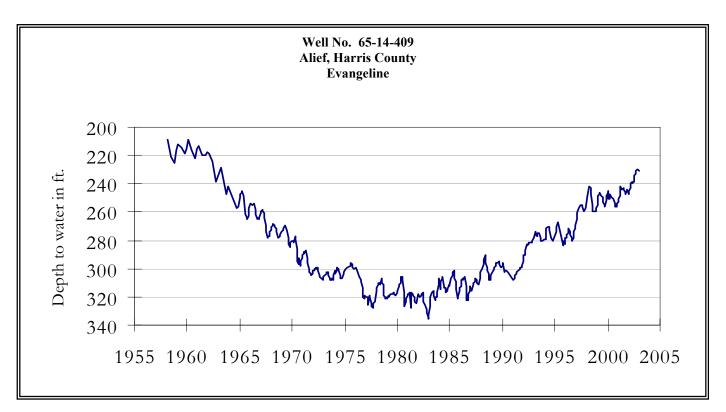
The late December water-level measurement in this Paluxy Formation Trinity aquifer well, elevation 535 feet above sea level, was 441.86 feet below land surface. This measurement was 2.24 feet above last month's measurement, 3.51 feet above last year's measurement, and 48.47 feet below the initial measurement recorded in 1953.



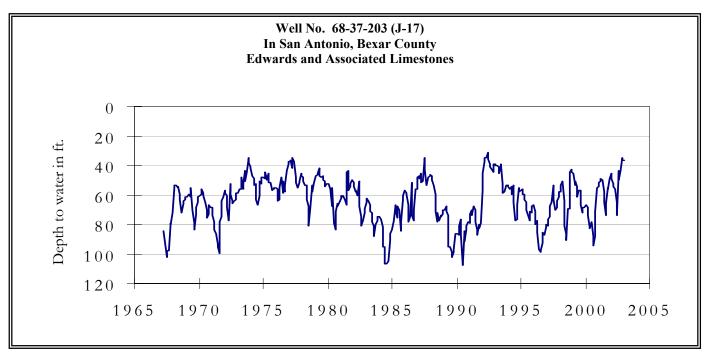
The late December water-level measurement in this Hosston Formation Trinity aquifer well, elevation 823 feet above sea level, was 448.92 feet below land surface. This measurement was 0.90 feet above last month's measurement, 4.51 feet below last year's measurement, and 156.92 feet below the initial measurement recorded in 1955.



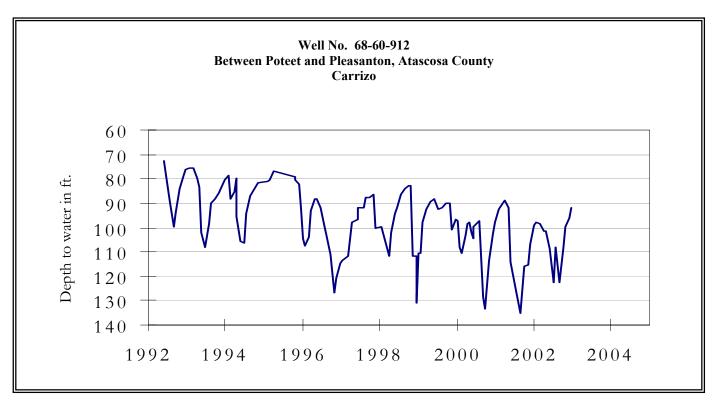
The late December water-level measurement in this Hueco Bolson aquifer well, elevation 3,882 feet above sea level, was 286.04 feet below land surface. This was 0.70 feet above last month's measurement, 0.31 feet above last year's measurement, and 54.14 feet below the initial measurement recorded in 1964.



The late December water-level measurement in this Evangeline Formation Gulf Coast aquifer well, elevation 66 feet above sea level, was 230.71 feet below land surface. This was 1.26 feet below last month's measurement, 16.16 feet above last year's measurement, and 127.48 feet below the initial measurement recorded in 1947.

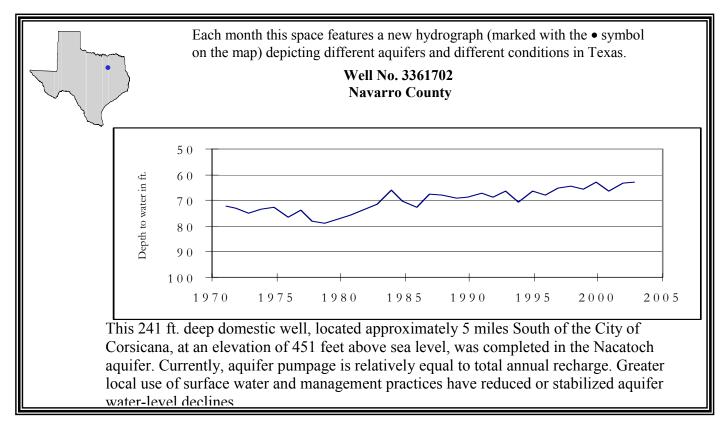


The late December water-level measurement in this Edwards (BFZ) aquifer well, elevation 731 feet above sea level, was 36.16 feet below land surface. This was 0.15 feet above last month's measurement, 9.44 feet above last year's measurement, and 23.46 feet above the initial measurement recorded in 1962.



The late December water-level measurement in this Carrizo aquifer well, elevation 446 feet above sea level, was 91.77 feet below land surface. This measurement was 4.27 feet above last month's measurement, 7.43 feet above last year's measurement, and 10.52 feet below the initial measurement recorded in 1965.

HYDROGRAPH OF THE MONTH



TEXAS WATER DEVELOPMENT BOARD 1700 N. CONGRESS AVE. P.O. BOX 13231 AUSTIN TX 78711-3231