Texas Water Development Board

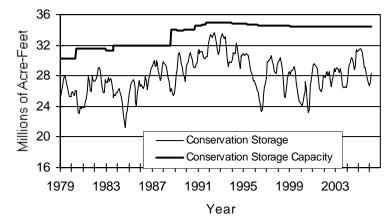


RESERVOIR STORAGE March 2006

Near the end of March, the 77 reservoirs monitored for this report held 28.27 million acre-feet in conservation storage, or 82 percent of the conservation storage capacity of the state's major reservoirs. Statewide total storage is below normal for this time of year. Storage increased during the month by 1.16 million acre-feet (3% of conservation storage capacity). Compared to last year, storage decreased by 3.3 million acre-feet (-10%).

Storage was below 90% of capacity in all Regions, with the lowest in the High Plains Region (24%). Storage was at 100% in 9 reservoirs. Storage in most reservoirs in the North Central and East Regions increased, due to the heavy but patchy rain experienced in that part of the state during the month of March. Twelve reservoirs in these two Regions enjoyed an increase greater than 10%. Compared to this time last year, the storage decreased in all Regions, with the sharpest decrease in the South Central Region (-21%).

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 March, computed 30-day mean flows were high (5% - 30%) at 3 stations, low (70% - 95%) at 6 stations, and near normal (30% - 70% exceedance) at the remaining 20 stations. Compared to February, flows have increased at 16 index stations and decreased at 13 stations.

On a regional basis, flows in March were normal in all Regions. Streamflow in the Lower Valley Region is not monitored.

MARCH STREAMFLOW CONDITIONS

Reservoirs Shown on Map

Joe Pool Lake

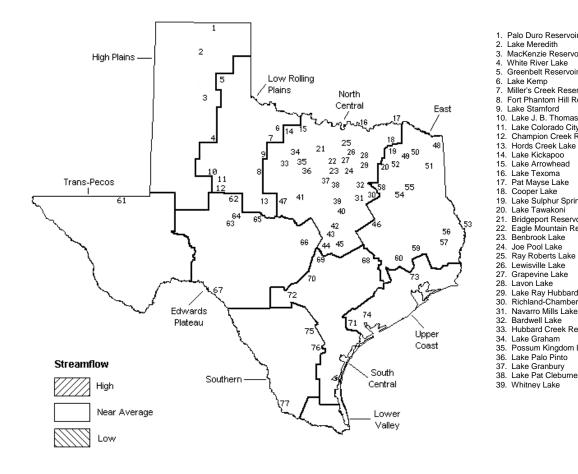
Lewisville Lake

Grapevine Lake

Bardwell Lake

Lake Graham

Lake Granbury



Palo Duro Reservoir 40. Waco Lake 41. Proctor Lake MacKenzie Reservoir 42. Belton Lake 43 Stillhouse Hollow Lake Greenbelt Reservoir 44. Lake Georgetown 45. Granger Lake 46. Lake Limestone Miller's Creek Reservoir Fort Phantom Hill Reservoir 47. Lake Brownwood 48. Wright Patman Lake 49. Lake Cypress Springs Lake Colorado City 50. Lake Bob Sandlin Champion Creek Reservoir
Hords Creek Lake 51 Lake O' the Pines Lake Fork Reservoir 52. Toledo Bend Reservoir 53. 54. Lake Palestine Lake Tyler 55. Pat Mayse Lake 56 Sam Rayburn Reservoir 57. B. A. Steinhagen Lake Lake Sulphur Springs Cedar Creek Reservoir 58. 59. Lake Livingston Bridgeport Reservoir 60. Lake Conroe Eagle Mountain Reservoir 61 Red Bluff Reservoir 62. E. V. Spence Reservoir Twin Buttes Reservoir 63. Ray Roberts Lake 64. O. C. Fisher Lake 65. O. H. Ivie Reservoir 66 Lake Buchanan 67. Intl. Amistad Reservoir Lake Ray Hubbard 68. Somerville Lake Richland-Chambers Creek Lake 69. Lake Travis Navarro Mills Lake 70. Canvon Lake Coleto Creek Reservoir 71. Hubbard Creek Reservoir 72. Medina Lake 73. Lake Houston Possum Kingdom Lake Lake Palo Pinto 74. Lake Texana Choke Canvon Reservoir 75. Lake Corpus Christi 76. 77. Intl. Falcon Reservoir

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake	No.	Conservation	Congorret	<u></u>	Change di-	10	Change at-	
or Reservoir					Change since		Change since	
OI RESELVOII	on Map	Storage Capacity	Storage Late Mar. 2006		Late February 2006		Late March 2005	
	мар	(acre-feet)	(acre-feet)	2008 (%)	(acre-feet)	(%)		(%)
			PLAINS	(0)	(4010 1000)	(0)	(4010 1000)	(0)
Palo Duro Reservoir	1	60,900	1,590	3	-140	0	-2,510	-4
Lake Meredith (Texas)	2	500,000	134,590	27	-4,420	-1	-41,180	-8
Lake Meredith	-	500,000	101/000	- /	1,120	-	11/100	Ū
(Texas and Oklahoma)	(2)	779,560	134,590	17	-4,420	-1	-41,180	-5
MacKenzie Reservoir	3	46,250	9,420	20	-110	0	-590	-1
White River Lake	4	31,850	5,310	17	-330	-1		-15
TOTAL		639,000	150,910	24	-5,000	-1	-49,000	-8
		TOW BOT	LING PLAINS					
Greenbelt Reservoir	5	58,200	21,400	37	10	0	-2,310	-4
Lake Kemp	6	319,600	263,900	83	-1,520	0	9,510	3
Miller's Creek Reservoir	7	27,890	25,180	90	-390	-1	3,810	14
Fort Phantom Hill Reservoir	8	70,030	43,680	62	-380	-1	-21,920	-31
Lake Stamford	9	52,700	46,460	88	-1,450	-3	11,300	21
Lake J. B. Thomas	10	202,300	52,850	26	-2,310	-1		-3
Lake Colorado City	11	30,800	27,340	89	-270	-1	-3,290	-11
Champion Creek Reservoir	12	41,600	5,780	14	-40	0	650	2
Hords Creek Lake	13	8,600	6,380	74	-70	-1	-2,040	-24
TOTAL		811,720	492,970	61	-6,420	-1	-10,850	-1
		ΝΟΡΤΈ	CENTRAL					
Lake Kickapoo	14	106,000	89,550	84	-1,050	-1	17,750	17
Lake Arrowhead	15	262,100	220,330	84	-740	0	25,580	10
Lake Texoma	16	2,722,300	2,423,210	89	94,460	3	110,520	4
Pat Mayse Lake	17	124,500	99,980	80	8,370	7		-19
Cooper Lake	18	273,000	193,950	71	71,740	26	-79,050	-29
Lake Sulphur Springs	19	17,710	17,710	100	4,200	24		0
Lake Tawakoni	20	936,200	714,200	76	114,900	12	-166,800	-18
Bridgeport Reservoir	21	374,830	241,300	64	-300	0	-110,400	-29
Eagle Mountain Reservoir	22	178,380	144,500	81	3,100	2	-33,880	-19
Benbrook Lake	23	88,200	69,940	79	15,670	18	-18,260	-21
Joe Pool Lake	24	175,800	175,800	100	21,590	12	0	0
Ray Roberts Lake	25	798,760	713,620	89	13,680	2	-85,140	-11
Lewisville Lake	26	555,000	475,810	86	25,070	5	-79,190	-14
Grapevine Lake	27	187,700	142,200	76	6,120	3	-39,130	-21
Lavon Lake	28	443,800	313,400	71	36,050	8	-130,400	-29
Lake Ray Hubbard	29	413,420	413,420	100	64,720	16	120	0
Richland-Chambers Creek Lake	30	1,103,820	945,800	86	33,900	3		-14
Navarro Mills Lake	31	55,810	38,570	69	120	0	-17,240	-31
Bardwell Lake	32	53,580	47,230	88	11,500	21	320	1
Hubbard Creek Reservoir	33		180,340	57	-1,340	0	-6,080	-2
Lake Graham	34	45,000	41,530	92	-220	0	660	1
Possum Kingdom Lake	35	551,820	486,500	88	-6,430	-1		-4
Lake Palo Pinto	36	27,650	15,990	58	2,240	8	-10,650	-39
Lake Granbury	37	135,680	133,700	99	230	0	1,800	1
Lake Pat Cleburne	38	25,300	25,300	100	6,600	26	0	0
Whitney Lake	39	622,800	542,990	87	54,330	9	-40,970	-7
Waco Lake	40	144,500	144,500	100	0	0	18 070	0
Proctor Lake Belton Lake	41	55,590	37,520	67	3,810	7		-33
	42	434,500	403,510	93 100	6,780	2 2		-7
Stillhouse Hollow Lake Lake Georgetown	43 44		226,060	100	4,370 -370		-15 920	0 _43
Granger Lake	44 45		21,090 52 970	57		-1 -2		-43
Granger Lake Lake Limestone	45 46	54,280 215,750	52,970 215,750	98 100	-1,310 44,580	-2 21	-1,310 1,590	-2 1
Lake Brownwood	40 47	143,400	118,190	82	44,380 370	21		-11
TOTAL		11,908,050	10,126,460	85	636 , 740	5	-	-11
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,_	55	0007740	5	210,210	0

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

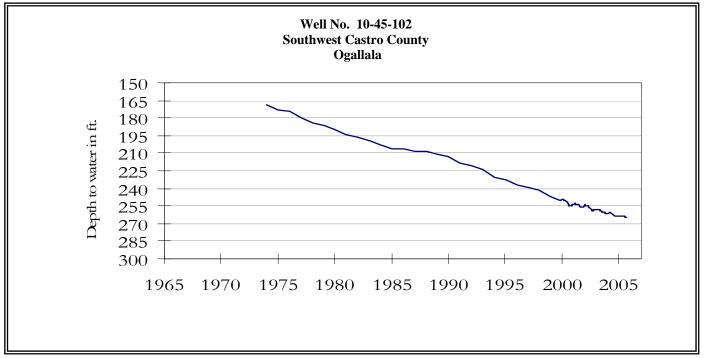
Name of Lake	No.	Conservation	Conservatio	on	Change sind	e	Change sin	ce
or Reservoir	on	Storage	Storage		Late Februa		Late Marc	
	Map	Capacity	Late Mar. 2006		2006		2005	
		(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)
		1	EAST					
Wright Patman Lake	48	142,700	142,700	100	5,630	4	0	0
Lake Cypress Springs	49	66,800	62,930	94	4,090	6	-3,870	-6
Lake Bob Sandlin	50	202,300	164,100	81	7,100	4	-38,200	-19
Lake O' the Pines	51	252,000	215,590	86	31,790	13	-33,250	-13
Lake Fork Reservoir	52	635,200	614,800	97	41,500	7	-20,400	-3
Toledo Bend Reservoir	53	4,472,900	3,811,000	85	364,000	8	-354,000	-8
Lake Palestine	54	411,300	375,860	91	25,730	6	-35,440	-9
Lake Tyler	55	73,700	64,620	88	2,480	3	-9,080	-12
Sam Rayburn Reservoir	56	2,876,300	2,721,920	95	94,990	3	-154,380	-5
B. A. Steinhagen Lake	57	94,200	89,190	95	39,180	42	4,800	5
Cedar Creek Reservoir	58	637,050	579,700	91	75,000	12	-57,200	-9
Lake Livingston	59	1,750,000	1,431,000	82	-1,000	0	-319,000	-18
Lake Conroe	60	429,900	353,700	82	4,600	1	-63,900	-15
TOTAL		12,044,350	10,627,110	88	695,090	6	-1,083,920	-9
		717 3 N	IS-PECOS					
Ded Dluff December	C 1	_		40	000	•	1 070	•
Red Bluff Reservoir	61	307,000	128,600	42	-900	0	-1,270	0
TOTAL		307,000	128,600	42	-900	0	-1,270	0
		EDWARD	S PLATEAU					
E. V. Spence Reservoir	62	488,760	89,640	18	-620	0	12,430	3
Twin Buttes Reservoir	63	177,800	53,930	30	2,380	1	15,110	8
O.C. Fisher Lake	64	119,200	12,880	11	-290	0	5,540	5
O. H. Ivie Reservoir	65	554,340	287,400	52	1,100	0	-31,000	-6
Lake Buchanan	66	896,980	732,210	82	-13,980	-2	-156,090	-17
Amistad Reservoir (Texas)	67	1,771,030	2,171,000	123	-74,000	-4	-427,000	-24
Amistad Reservoir								
(Texas and Mexico)	(67)	3,151,300	2,643,000	84	-70,000	-2	-324,000	-10
TOTAL		4,008,110	3,347,060	84	-85,410	-2	-581,010	-14
		SOUTH	CENTRAL					
Somerville Lake	68	155,060	128,760	83	3,490	2	-26,300	-17
Lake Travis	69	1,144,100	877,200	77	-6,000	-1	-266,900	-23
Canyon Lake	70	385,600	354,110	92	-1,500	0	-25,150	-23
Coleto Creek Reservoir	70	35,060	23,870	68	-800	-2	-8,170	-23
Medina Lake	72	254,000	174,800	69	-10,200	-4	-79,200	-31
TOTAL	72	1,973,820	1,558,740	79	-15,010	-1	-405,720	-21
101111		1,5,5,620	1,556,710		15,010	-	1057720	
_			R COAST		_	_	_	
Lake Houston	73	-	128,860	100	0	0	0	0
Lake Texana	74		123,380	78	-4,960	-3	-33,180	-21
TOTAL		286,760	252,240	88	-4,960	-2	-33,180	-12
		SO	UTHERN					
Choke Canyon Reservoir	75		599,000	86	-7,000	-1	-92,000	-13
Lake Corpus Christi	76	241,240	116,400	48	-11,500	-5	-124,840	-52
- Falcon Reservoir (Texas)	77	1,555,120	867,000	56	-32,000	-2	-11,000	-1
Falcon Reservoir								
(Texas and Mexico)	(77)	2,653,290	1,493,000	56	-51,000	-2	-361,000	-14
TOTAL		2,491,620	1,582,400	64	-50,500	-2		-9
IOIAD								
TOTAL								

Note:

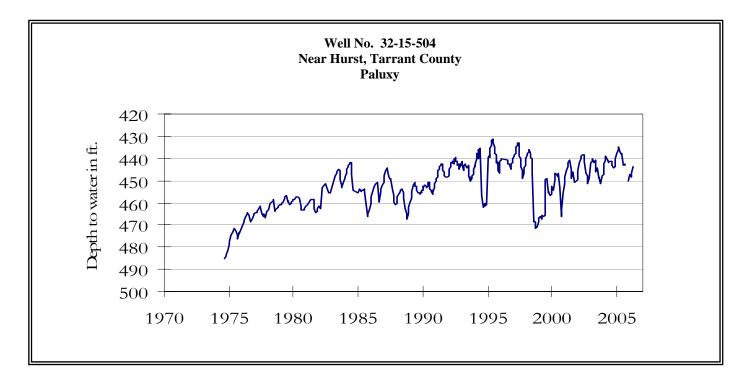
Conservation storage capacity is the space available to store water above the level of invert of lowest outlet works and below the level of top of conservation pool or normal maximum operating level. Conservation storage refers to the volume of water held within the conservation storage space. Not included 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). Preliminary figures are shown for the Texas' share of conservation storage in all reservoirs.

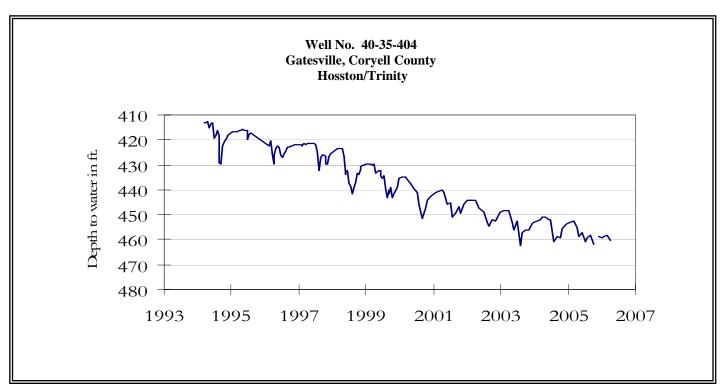
MARCH GROUND WATER LEVELS IN OBSERVATION WELLS



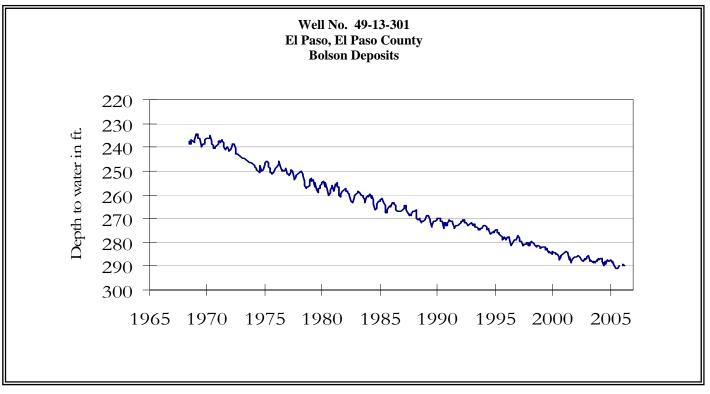
The water-level measurement is not available this month for this Ogallala aquifer well (recorder under repair). The graph presented is from last month's report.



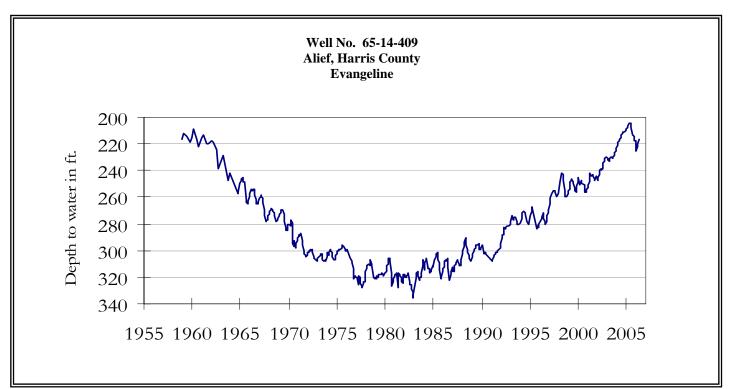
The late March water-level measurement in this Paluxy Formation Trinity aquifer well, elevation 535 feet above sea level, was 443.82 feet below land surface. This measurement was 3.08 feet above last month's measurement, 6.38 feet below last year's measurement, and 65.82 feet below the initial measurement recorded in 1953. No water level measurements were recorded for September or October 2005.



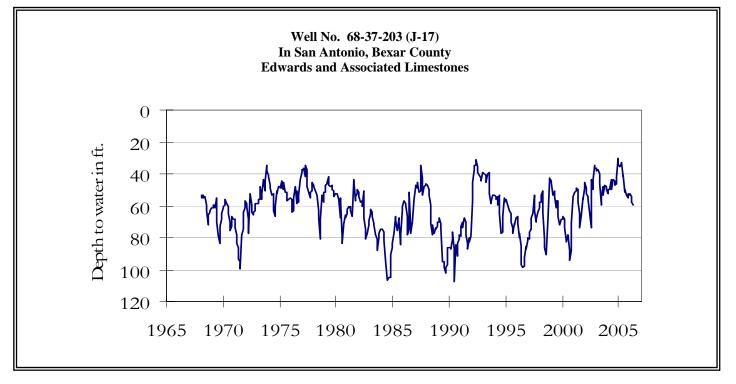
The late March water-level measurement in this Hosston Formation Trinity aquifer well, elevation 823 feet above sea level, was 460.40 feet below land surface. This water level was 2.09 feet below last month's measurement, 5.50 feet below last year's measurement, and 168.40 feet below the initial measurement recorded in 1955. No water level measurement was recorded for October 2005.



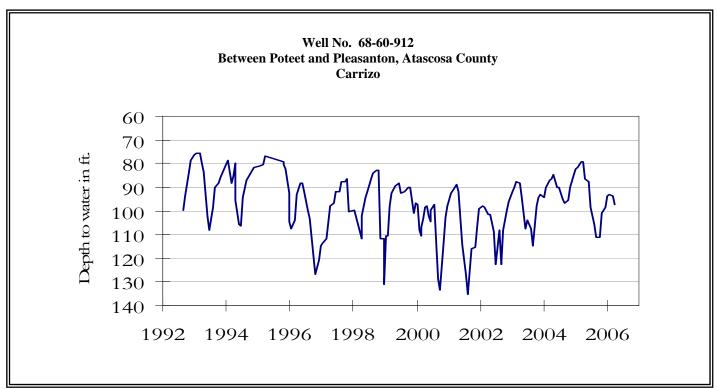
The late March water-level measurement in this Hueco Bolson aquifer well, elevation 3,882 feet above sea level, was 290.02 feet below land surface. This was 0.62 feet below last month's measurement, 1.41 feet below last year's measurement, and 58.12 feet below the initial measurement in 1964. No water level measurements were recorded for October or December 2005.



The late March water-level measurement in this Evangeline Formation Gulf Coast aquifer well, elevation 66 feet above sea level, was 216.74 feet below land surface. This was 2.57 feet above last month's measurement, 12.01 feet below last year's measurement, and 81.24 feet below the initial measurement recorded in 1947.

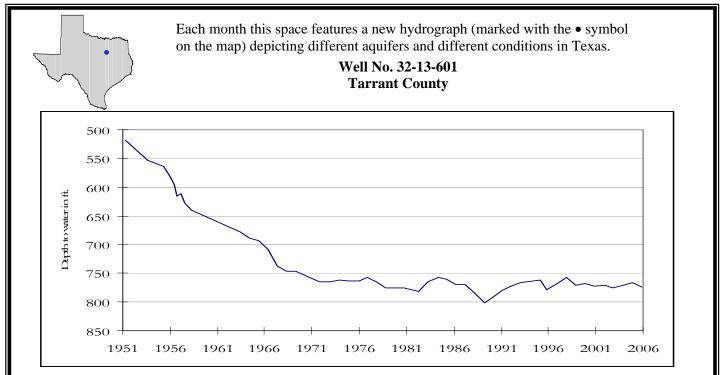


The late March water-level measurement in this Edwards (BFZ) aquifer well, elevation 731 feet above sea level, was 59.18 feet below land surface. This was 1.66 feet below last month's measurement, 26.10 feet below last year's measurement, and 12.54 feet below the initial measurement recorded in 1962.



The late March water-level measurement in this Carrizo aquifer well, elevation 446 feet above sea level, was 97.47 feet below land surface. This measurement was 4.06 feet below last month's measurement, 18.10 feet below last year's measurement, and 62.11 feet below the initial measurement recorded in 1965.

HYDROGRAPH OF THE MONTH



This water level observation well, located 4 miles north of Fort Worth, at an elevation of 760 feet ASL, was completed in the Trinity aquifer. Water levels in the Trinity aquifer have historically declined by as much as 550 feet in the Dallas-Fort Worth area.

March, 2006

Water level measurements were available for six of the seven key monitoring wells. Water levels declined in four of the monitoring wells since the beginning of March, ranging from 0.62 feet in the El Paso Co. (Bolson Deposits) well to 4.06 feet in the Atascosa Co. Carrizo well. Water levels rose in the remaining two monitoring wells, ranging from 2.57 feet in the Harris Co. Evangeline well to 3.08 feet in the Tarrant Co. Paluxy well. The J-17 well recorded a water level of 59.18 feet below land surface. This water level is approximately twenty-one (21) feet above the Stage 1 critical management level.

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