Texas Water Development Board





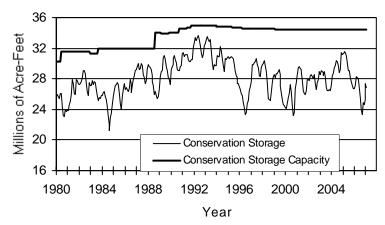
RESERVOIR STORAGE

February 2007

Near the end of February, the 77 reservoirs monitored for this report held 26.87 million acre-feet in conservation storage, or 78 percent of the conservation storage capacity of the state's major reservoirs. Statewide total storage is below normal for this time of year. Storage decreased during the month by 0.5 million acre-feet (-1.45% of conservation storage capacity). Compared to last year, storage decreased by 0.23 million acre-feet (-0.67%).

Storage was near capacity in the Upper Coast Region (98%) and East Region (95%), but lower than one-third of capacity in the High Plains Region (19%). Storage was at 100% in 10 reservoirs, but very low in others such as O.C. Fisher, which was at 7%. Compared to this time last year, the storage increased in Upper Coast (8%) and East Region (12%) and decreased in all other regions, with the sharpest decrease in the Edwards Plateau Region (-20%).

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.

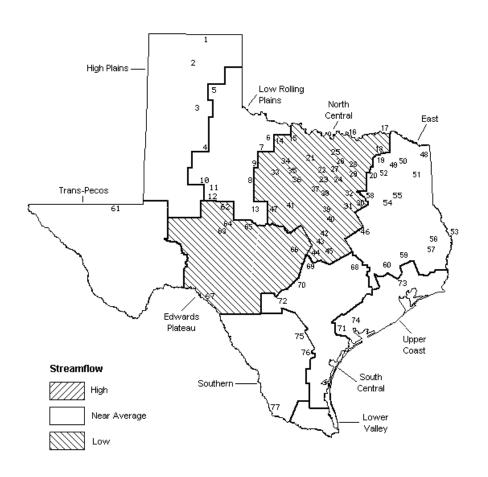
STREAMFLOW

Of 29 reporting index stations in February, computed 30-day mean flows were high (5% -30%) at 3 stations, low (70% - 95%) at 8 stations, very low (>95%) at 1 stations, and near normal (30% - 70% exceedance) at the remaining 17 stations. Compared to January, flows have increased at 5 index stations, decreased at 20 stations, and remained unchanged at 4

On a regional basis, flows in February were low in North Central and Edwards Plateau Regions, but normal everywhere else. Streamflow in the Lower Valley Region is not monitored.

FEBRUARY STREAMFLOW CONDITIONS

Reservoirs Shown on Map



Palo Duro Reservoir Lake Meredith MacKenzie Reservoir White River Lake Greenbelt Reservoir 7 Miller's Creek Reservoir Fort Phantom Hill Reservoir Lake Stamford
Lake J. B. Thomas Lake Colorado City 12. Champion Creek Reservoir13. Hords Creek Lake Lake Kickapoo 15. Lake Arrowhead Lake Texoma 17. Pat Mayse Lake 18. Cooper Lake Lake Sulphur Springs Lake Tawakoni Bridgeport Reservoir Eagle Mountain Reservoir Benbrook Lake Joe Pool Lake Ray Roberts Lake Lewisville Lake Grapevine Lake 28. Lavon Lake Lake Ray Hubbard Richland-Chambers Creek Lake Navarro Mills Lake Bardwell Lake 33. Hubbard Creek Reservoir Lake Graham Possum Kingdom Lake Lake Palo Pinto Lake Granbury 38. Lake Pat Cleburne 39. Whitney Lake

Stillhouse Hollow Lake 44. Lake Georgetown Granger Lake 46 Lake Limestone 47. Lake Brownwood 48. Wright Patman Lake 49. Lake Cypress Springs Lake Bob Sandlin 51 Lake O' the Pines Lake Corpus Christi 77. Intl. Falcon Reservoir

40. Waco Lake

41. Proctor Lake

Belton Lake

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake	No.	Conservation	Conservation		Change since		Change since	
or Reservoir	on	Storage	Storage		Late January		Late February	
	Map	Capacity	Late Feb.	2007	2007		2006	
		(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)
		H	IIGH PLAINS					
Palo Duro Reservoir	1	60,900	1,380	2	-100	0	-350	-1
Lake Meredith (Texas)	2	500,000	108,040	22	0	0	-30,970	-6
Lake Meredith								
(Texas and Oklahoma)	(2)	779,560	108,040	14	0	0	•	-4
MacKenzie Reservoir	3	-	8,640	19	-60	0	-890	-2
White River Lake	4	•	4,240	13	-150	0	-1,400	-4
TOTAL		639,000	122,300	19	-310	0	-33,610	-5
		LOW	ROLLING PLA	AINS				
Greenbelt Reservoir	5	58,200	19,300	33	220	0	-2,090	-4
Lake Kemp	6	319,600	226,300	71	-280	0	-39,120	-12
Miller's Creek Reservoir	7	27,890	20,350	73	-280	-1	-5,220	-19
Fort Phantom Hill Reservoir	8	70,030	35,630	51	-1,130	-2	-8,430	-12
Lake Stamford	9	52,700	32,490	62	-410	-1	-	-29
Lake J. B. Thomas	10	202,300	27,380	14	-1,710	-1	-27,780	-14
Lake Colorado City	11	-	23,280	76	-190	-1	-4,330	-14
Champion Creek Reservoir	12	-	5,160	12	-20	0	-660	-2
Hords Creek Lake	13	8,600	4,480	52	-90	-1	-1,970	-23
TOTAL		811,720	394,370	49	-3,890	0	-105,020	-13
		NC	RTH CENTRA	L				
Lake Kickapoo	14	106,000	68,280	64	-960	-1	-22,320	-21
Lake Arrowhead	15	262,100	176,670	67	-1,260	0	-44,400	-17
Lake Texoma	16	2,722,300	2,427,120	89	-89,400	-3	98,370	4
Pat Mayse Lake	17	124,500	112,500	90	-1,170	-1	20,890	17
Cooper Lake	18	273,000	155,140	57	-7,710	-3	32,930	12
Lake Sulphur Springs	19	17,710	17,710	100	0	0	4,200	24
Lake Tawakoni	20	936,200	610,500	65	-2,400	0	11,200	1
Bridgeport Reservoir	21	374,830	188,600	50	-1,200	0	-53,000	-14
Eagle Mountain Reservoir	22		110,700	62	-2,900	-2	-30,700	-17
Benbrook Lake	23	88,200	77,600	88	550	1	23,330	26
Joe Pool Lake Ray Roberts Lake	24	-	175,800	100	0	0	21,590	12
Lewisville Lake	25 26	798,760	608,700	76	-4,810	-1 -1	•	-11 6
Grapevine Lake	26 27	555,000 187,700	485,650 110,340	88 59	-3,180 -2,070	-1	•	-14
Lavon Lake	28	443,800	315,290	71	9,470	2	•	9
Lake Ray Hubbard	29	413,420	373,300	90	-9,000	-2	24,600	6
Richland-Chambers Creek Lake	30	1,103,820	879,900	80	11,600	1		-3
Navarro Mills Lake	31		25,810	46	330	1		-23
Bardwell Lake	32		47,920	89	360	1		23
Hubbard Creek Reservoir	33	317,800	149,430	47	-2,020	-1	-32,250	-10
Lake Graham	34	45,000	33,470	74	-520	-1	-8,280	-18
Possum Kingdom Lake	35	551,820	516,050	94	670	0	23,120	4
Lake Palo Pinto	36	27,650	11,850	43	-450	-2	-1,900	-7
Lake Granbury	37	135,680	131,860	97	-780	-1	-1,610	-1
Lake Pat Cleburne	38	25,300	25,300	100	0	0	6,600	26
Whitney Lake	39	622,800	464,880	75	2,320	0	-23,780	-4
Waco Lake	40	144,500	123,210	85	980	1		-15
Proctor Lake	41		25,080	45	-410	-1		-16
Belton Lake	42		356,830	82	-3,180	-1		-9 4
Stillhouse Hollow Lake	43	226,060	211,620	94 56	420	0	-10,070 -760	-4 -2
Lake Georgetown Granger Lake	44 45		20,700 54 280	56 100	710 0	2 0	-760 0	-2 0
Lake Limestone	45 46		54,280 212,320	100 98	-1,980	-1		19
Lake Brownwood	47		91,840	64	-900	-1		-18
TOTAL		11,908,050	9,396,250	79	-108,890	-1		-1
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CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

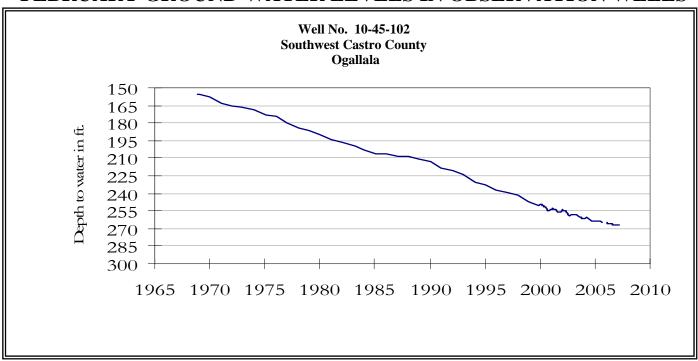
Name of Taba	3.7.	G	G	:1	Cha		Characa '	
Name of Lake or Reservoir				Change sind		Change since Late February 2006		
of Reservoir	on Map	Storage Capacity	Storage Late Feb. 2007		Late January 2007			
	Map	(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)	(acre-feet)	(%)
		(acre-reec)	(acre-reet)	(%)	(acre-reec)	(%)	(acre-reet)	(%)
			EAST					
Wright Patman Lake	48	142,700	142,700	100	0	0	5,630	4
Lake Cypress Springs	49	66,800	60,100	90	30	0	1,260	2
Lake Bob Sandlin	50	202,300	143,200	71	1,000	0	-13,800	-7
Lake O' the Pines	51	252,000	246,210	98	-5,790	-2	62,410	25
Lake Fork Reservoir	52	635,200	621,300	98	-2,600	0	48,000	8
Toledo Bend Reservoir	53	4,472,900	4,094,000	92	-353,000	-8	647,000	14
Lake Palestine	54	411,300	410,040	100	-1,260	0	59,910	15
Lake Tyler	55	73,700	63,630	86	1,650	2	1,490	2
Sam Rayburn Reservoir	56	2,876,300	2,876,300	100	0	0	249,370	9
B. A. Steinhagen Lake	57	94,200	620	1	-110	0	-49,390	-52
Cedar Creek Reservoir	58	637,050	569,200	89	-8,100	-1	64,500	10
Lake Livingston	59	1,750,000	1,743,000	100	-7,000	0	311,000	18
Lake Conroe	60	429,900	415,600	97	-1,600	0	66,500	15
TOTAL		12,044,350	11,385,900	95	-376,780	-3	1,453,880	12
		_	DANG DEGGS					
Ded Divise Description			RANS-PECOS	25	212	•	02 202	_
Red Bluff Reservoir	61	307,000	106,200	35	210	0	-23,300	-8
TOTAL		307,000	106,200	35	210	0	-23,300	-8
		EDW	ARDS PLATE	ATJ				
E. V. Spence Reservoir	62	488,760	67,030	14	-1,040	0	-23,230	-5
Twin Buttes Reservoir	63	177,800	38,300	22	1,180	1	-13,250	-7
O.C. Fisher Lake	64	119,200	7,770	7	-130	0	-5,400	-5
O. H. Ivie Reservoir	65	554,340	216,900	39	-1,900	0	-69,400	-13
Lake Buchanan	66	896,980	468,730	52	600	0	-277,460	-31
Amistad Reservoir (Texas)	67	1,771,030	1,836,000	104	-13,000	-1	-409,000	-23
Amistad Reservoir								
(Texas and Mexico)	(67)	3,151,300	2,569,000	82	0	0	-144,000	-5
TOTAL		4,008,110	2,634,730	66	-14,290	0	-797,740	-20
			OUTH CENTRAL		_	_		
Somerville Lake	68	155,060	155,060	100	0	0	29,790	19
Lake Travis	69	1,144,100	652,590	57	-6,370	-1	•	-20
Canyon Lake	70	385,600	329,200	85	-530	0	-26,410	-7
Coleto Creek Reservoir	71	35,060	31,580	90	-590	-2	6,910	20
Medina Lake	72	254,000	90,600	36	-1,540	-1	-94,400	-37
TOTAL		1,973,820	1,259,030	64	-9,030	0	-314,720	-16
		U	PPER COAST					
Lake Houston	73	128,860	128,860	100	0	0	0	0
Lake Texana	74	157,900	151,430	96	-4,620	-3	23,090	15
TOTAL		286,760	280,290	98	-4,620	-2		8
			SOUTHERN			_	a	
Choke Canyon Reservoir	75	695,260	514,700	74	-3,900	-1		-13
Lake Corpus Christi	76	241,240	116,700	48	-1,300	-1		-5 15
Falcon Reservoir (Texas) Falcon Reservoir	77	1,555,120	660,000	42	22,000	1	-239,000	-15
(Texas and Mexico)	(77)	2,653,290	1,116,000	42	39,000	1	-428,000	-16
TOTAL		2,491,620	1,291,400	52	16,800	1	-341,500	-14
STATE TOTAL		34,470,430	26,870,470	78	-500,800	-1	-232,390	-0.67

Note:

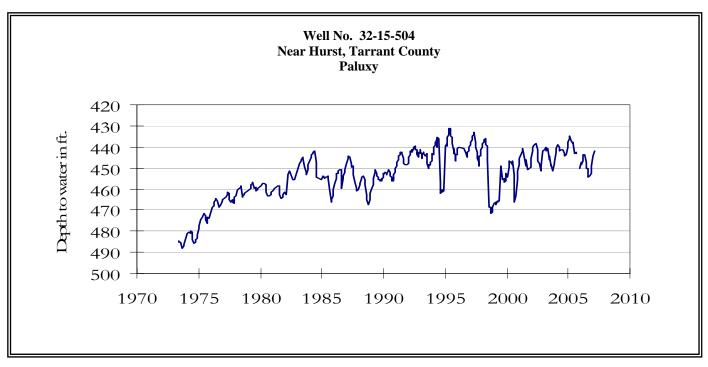
Conservation storage capacity is the space available to store water above the level of invert of lowest outlet works and below the level of top of conservation pool or normal maximum operating level. Conservation storage refers to the volume of water held within the conservation storage space. Not included 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.

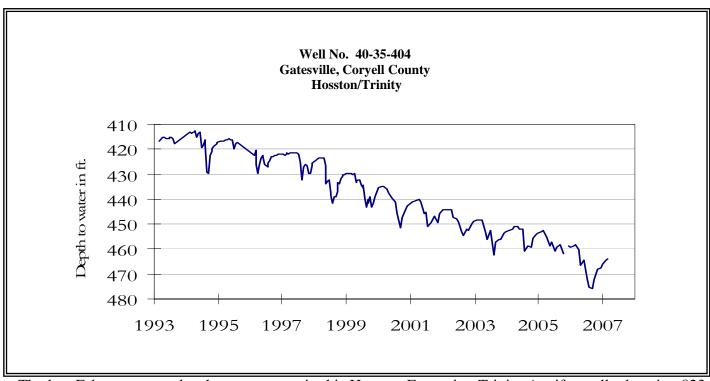
FEBRUARY GROUND WATER LEVELS IN OBSERVATION WELLS



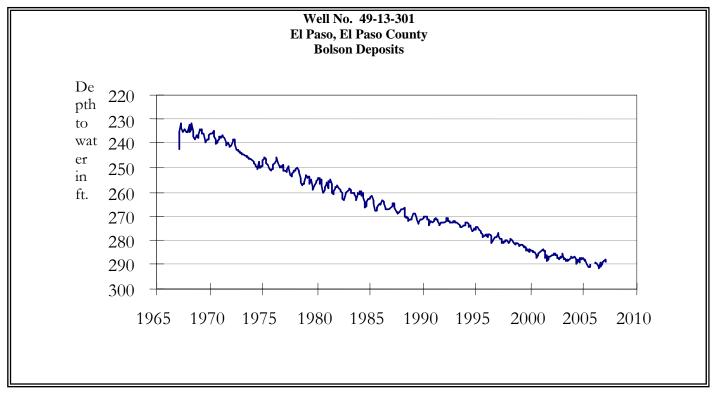
The late February water-level measurement in this Ogallala Aquifer well, elevation 3,816 feet above sea level, was 267.11 feet below land surface. This measurement was 0.04 feet below last month's measurement, 1.63 feet below last year's measurement, and 111.11 feet below the initial measurement recorded in 1968. No water level measurements were recorded for September through December 2005.



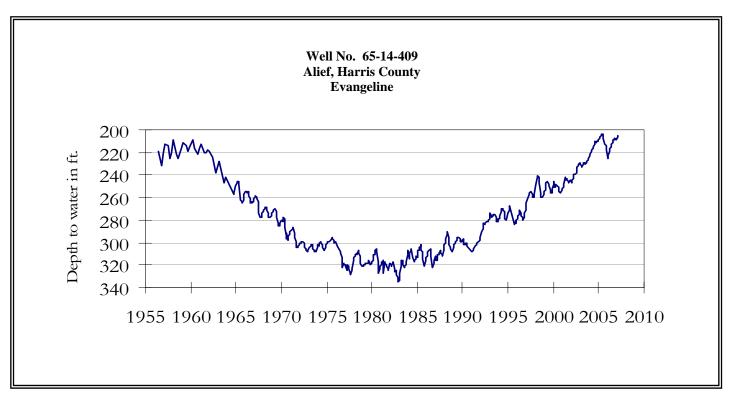
The late February water-level measurement in this Paluxy Formation Trinity Aquifer well, elevation 535 feet above sea level, was 441.80 feet below land surface. This measurement was 0.08 feet below last month's measurement, 5.10 feet above last year's measurement, and 63.80 feet below the initial measurement recorded in 1953. No water level measurements were recorded for September or October 2005.



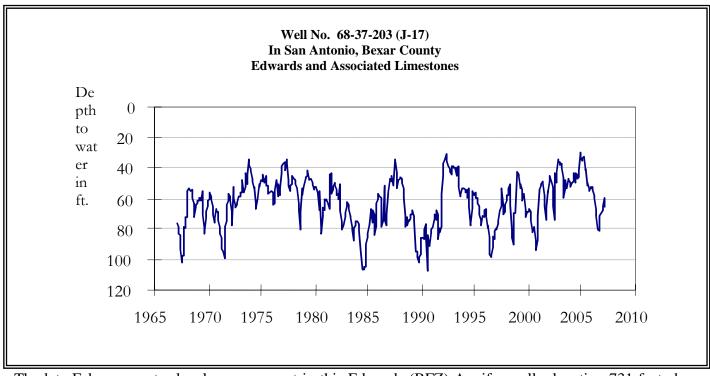
The late February water-level measurement in this Hosston Formation Trinity Aquifer well, elevation 823 feet above sea level, was 464.10 feet below land surface. This water level was 0.56 feet above last month's measurement, 5.79 feet below last year's measurement, and 172.10 feet below the initial measurement recorded in 1955. No water level measurement was recorded for October 2005.



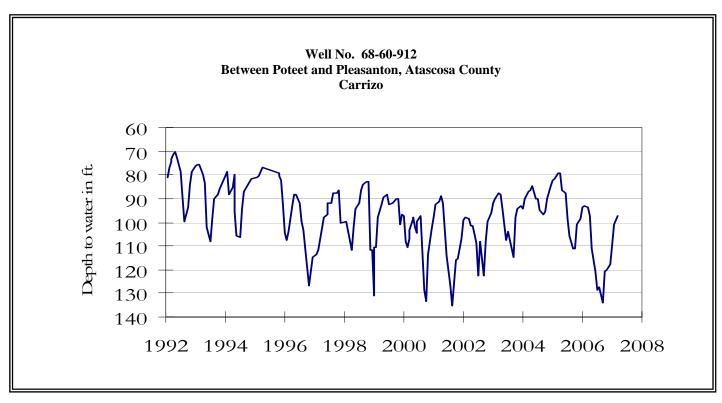
The late February water-level measurement in this Hueco Bolson Aquifer well, elevation 3,882 feet above sea level, was 289.25 feet below land surface. This was 1.15 feet below last month's measurement, 0.15 feet above last year's measurement, and 57.35 feet below the initial measurement in 1964. No water level measurements were recorded for October or December 2005.



The late February water-level measurement in this Evangeline Formation Gulf Coast Aquifer well, elevation 66 feet above sea level, was 205.52 feet below land surface. This was 1.47 feet above last month's measurement, 13.79 feet above last year's measurement, and 70.02 feet below the initial measurement recorded in 1947.

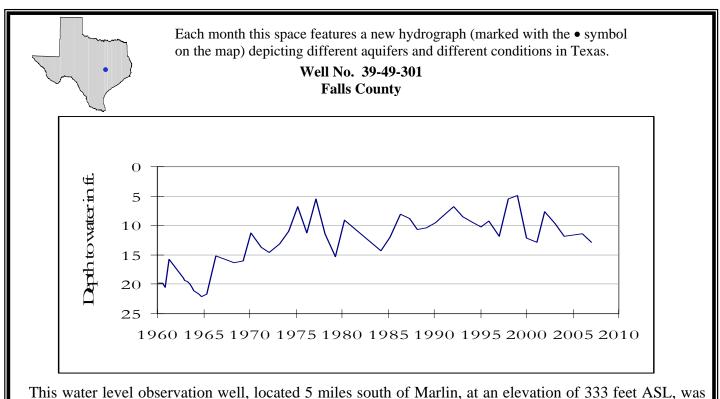


The late February water-level measurement in this Edwards (BFZ) Aquifer well, elevation 731 feet above sea level, was 65.70 feet below land surface. This was 6.20 feet below last month's measurement, 8.18 feet below last year's measurement, and 19.06 feet below the initial measurement recorded in 1962.



The late February water-level measurement in this Carrizo Aquifer well, elevation 446 feet above sea level, was 97.05 feet below land surface. This measurement was 3.74 feet above last month's measurement, 3.64 feet below last year's measurement, and 61.69 feet below the initial measurement recorded in 1965.

HYDROGRAPH OF THE MONTH



February, 2007

Water level measurements were available for all seven key monitoring wells. Water levels declined in four of the monitoring wells since the beginning of February, ranging from 0.04 feet in the Castro Co. Ogallala well to 6.20 feet in the Bexar Co. Edwards well. Water levels rose in the remaining monitoring wells, ranging from 0.56 feet in the Coryell Co. Hosston well to 3.74 feet in the Atascosa Co. Carrizo well. The J-17 well recorded a water level of 65.70 feet below land surface. This water level is 14.30 feet above the Stage 1 critical management level.

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