Texas Water Development Board

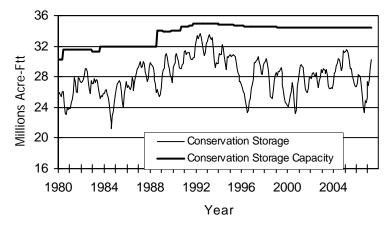


RESERVOIR STORAGE May 2007

Near the end of May, the 77 reservoirs monitored for this report held 30.27 million acre-feet in conservation storage, or 88 percent of the conservation storage capacity of the state's major reservoirs, thanks to the rainy weather in May. Statewide total storage is above normal for this time of year. Storage increased during the month by 1.08 million acre-feet (3% of conservation storage capacity). Compared to last year, storage increased by 2.2 million acre-feet (6%).

Storage was at or above 95% of capacity in four regions but below 90% in all others, with the lowest in the High Plains Region (21%). Storage was at 100% in 36 reservoirs. Regionally, storage increased in 7 out of 9 Regions and decreased in 2 Regions. However, compared to this time last year, the storage only increased in 5 but decreased in 4 Regions.

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

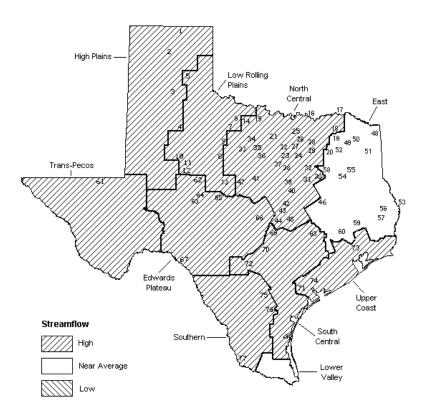


Current data are based on elevation near end of month at 77 reservoirs that represent 98 percent of total conservation storage capacity in Texas reservoirs having a capacity of 5,000 acre-feet or more.

STREAMFLOW

Of 29 reporting index stations in May, computed 30-day mean flows were very high (<5%) at 8 stations, high (5% - 30%) at 16 stations, and near normal (30% - 70% exceedance) at the remaining 5 stations. Compared to April, flows have increased at 26 index stations and decreased at 3 stations.

On a regional basis, flows in May were high in all except East Texas Region (normal). Streamflow in the Lower Valley Region is not monitored.



MAY STREAMFLOW CONDITIONS

Reservoirs Shown on Map

1. Palo Duro Reservoir	40.	Waco Lake
2. Lake Meredith		Proctor Lake
MacKenzie Reservoir	42.	Belton Lake
White River Lake	43.	Stillhouse Hollow Lake
Greenbelt Reservoir	44.	Lake Georgetown
6. Lake Kemp	45.	Granger Lake
7. Miller's Creek Reservoir	46.	Lake Limestone
Fort Phantom Hill Reservoir	47.	Lake Brownwood
9. Lake Stamford	48.	Wright Patman Lake
10. Lake J. B. Thomas	49.	Lake Cypress Springs
 Lake Colorado City 	50.	Lake Bob Sandlin
12. Champion Creek Reservoir	51.	Lake O' the Pines
13. Hords Creek Lake	52.	Lake Fork Reservoir
14. Lake Kickapoo	53.	Toledo Bend Reservoir
15. Lake Arrowhead	54.	Lake Palestine
16. Lake Texoma	55.	Lake Tyler
17. Pat Mayse Lake		Sam Rayburn Reservoir
18. Cooper Lake	57.	B. A. Steinhagen Lake
Lake Sulphur Springs	58.	Cedar Creek Reservoir
20. Lake Tawakoni	59.	Lake Livingston
21. Bridgeport Reservoir		Lake Conroe
22. Eagle Mountain Reservoir		Red Bluff Reservoir
23. Benbrook Lake		E. V. Spence Reservoir
24. Joe Pool Lake		Twin Buttes Reservoir
25. Ray Roberts Lake		O. C. Fisher Lake
26. Lewisville Lake		O. H. Ivie Reservoir
27. Grapevine Lake		Lake Buchanan
28. Lavon Lake		Intl. Amistad Reservoir
29. Lake Ray Hubbard		Somerville Lake
30. Richland-Chambers Creek Lake		Lake Travis
 Navarro Mills Lake 		Canyon Lake
32. Bardwell Lake		Coleto Creek Reservoir
 Hubbard Creek Reservoir 		Medina Lake
34. Lake Graham		Lake Houston
 Possum Kingdom Lake 	74.	Lake Texana
36. Lake Palo Pinto		Choke Canyon Reservoir
Lake Granbury		Lake Corpus Christi
 Lake Pat Cleburne 	77.	Intl. Falcon Reservoir
39. Whitney Lake		

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

Name of Lake	No.	Conservation	Conservat:	ion	Change sind	ce	Change sin	ce	
or Reservoir	on	Storage	Storage		Late April		Late May		
	Map	Capacity	Late May.		2007		2006		
	_	(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)		(%)	
	ı	HIGH	PLAINS						
Palo Duro Reservoir	1	60,900	3,010	5	1,680	3	1,800	3	
Lake Meredith (Texas)	2	500,000	116,280	23	-260	0	-5,410	-1	
Lake Meredith									
(Texas and Oklahoma)	(2)	779 , 560	116,280	15	-260	0	-5,410	-1	
MacKenzie Reservoir	3	46,250	9,240	20	50	0	120	0	
White River Lake	4	31,850	4,830	15	60	0	260	1	
TOTAL		639,000	133,360	21	1,530	0	-3,230	-1	
		LOW ROL	LING PLAINS	3					
Greenbelt Reservoir	5	58,200	24,510	42	2,210	4	4,150	7	
Lake Kemp	6	319,600	248,420	78	13,300	4	-880	0	
Miller's Creek Reservoir	7	27,890	21,260	76	1,200	4	-3,110	-11	
Fort Phantom Hill Reservoir	8	70,030	52,210	75	12,120	17	-2,440	-3	
Lake Stamford	9	52,700	48,000	91	9,930	19	970	2	
Lake J. B. Thomas	10	202,300	34,740	17	9,280	5	-11,920	-6	
Lake Colorado City	11	30,800	25,940	84	2,120	7	-810	-3	
Champion Creek Reservoir	12	41,600	6,600	16	700	2	370	1	
Hords Creek Lake	13	8,600	5,620	65	740	9	-460	-5	
TOTAL		811,720	467,300	58	51,600	6	-14,130	-2	
		NORTH	CENTRAL						
Lake Kickapoo	14	106,000	70,800	67	4,110	4	-13,600	-13	
Lake Arrowhead	15	262,100	191,310	73	7,930	3	-22,010	-8	
Lake Texoma	16	2,722,300	2,722,300	100	18,040	1	65,890	2	
Pat Mayse Lake	17	124,500	124,360	100	4,010	3	28,110	23	
Cooper Lake	18	273,000	182,320	67	23,800	9	17,440	6	
Lake Sulphur Springs	19	17,710	17,710	100	0	0	490	3	
Lake Tawakoni	20	936,200	762,700	81	101,000	11	83,600	9	
Bridgeport Reservoir	21	374,830	313,800	84	34,900	9	51,200	14	
Eagle Mountain Reservoir	22	178,380	178,380	100	9,980	6	33,980	19	
Benbrook Lake	23	88,200	88,200	100	0	0	11,490	13	
Joe Pool Lake	24	175,800	175,800	100	0	0	0	0	
Ray Roberts Lake	25	798 , 760	742,550	93	85,830	11	23,540	3	
Lewisville Lake	26	555,000	555,000	100	0	0	97,390	18	
Grapevine Lake	27	187,700	187,700	100	0	0	44,360	24	
Lavon Lake	28	443,800	443,800	100	58,550	13	158,670	36	
Lake Ray Hubbard	29	413,420	413,420	100	8,820	2	15,320	4	
Richland-Chambers Creek Lake	30	1,103,820	1,103,820	100	0	0	190,720	17	
Navarro Mills Lake	31	55,810	55,810	100	0	0	20,440	37	
Bardwell Lake Hubbard Creek Reservoir	32 33		53,580	100 57	6,310	12 5	7,360	14 -1	
Lake Graham	34		180,540 43,370	96	16,600 5,250	12	-3,950 -180	0	
Possum Kingdom Lake	35		538,100	98	25,370	5	9,480	2	
Lake Palo Pinto	36		27,470	99	880	3	7,290	26	
Lake Granbury	37	135,680	135,080	100	2,020	1	2,020	1	
Lake Pat Cleburne	38	25,300	25,300	100	2,020	0	490	2	
Whitney Lake	39		622,800	100	0	0	49,700	8	
Waco Lake	40		144,500	100	0	0	0	0	
Proctor Lake	41	55,590	55,590	100	13,870	25	12,760	23	
Belton Lake	42		434,500	100	0	0	22,840		
Stillhouse Hollow Lake	43		226,060	100	0	0	380	0	
Lake Georgetown	44		37,010	100	0	0	11,950	32	
_				100	0	0	1,470	3	
Granger Lake	45	54,280	34,200					5	
Granger Lake Lake Limestone	45 46	54,280 215,750	54,280 215,750	100	1,720	1	4,090	2	
-									

CONSERVATION STORAGE DATA FOR SELECTED MAJOR TEXAS RESERVOIRS

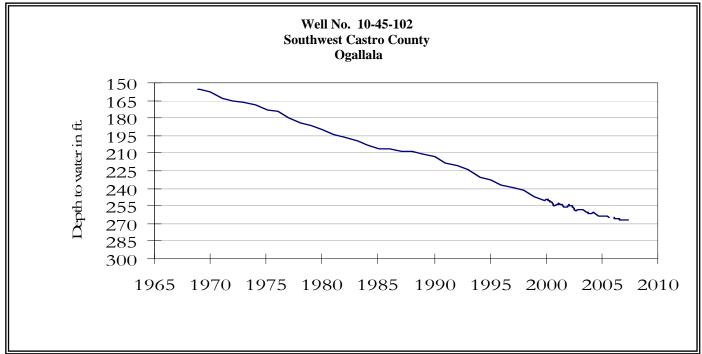
Name of Lake	No.	Conservation	Conservati	on	Change sin	10	Change gin	7 0	
or Reservoir	on	Storage	Conservation Storage		Change since Late April		Change since Late May		
of Reservoir	Map	Capacity	Late May. 2	2007	2007	-	2006		
	Map	(acre-feet)	(acre-feet)	(%)	(acre-feet)	(%)		(%)	
		(((-)	((-)	(()	
			EAST						
Wright Patman Lake	48	142,700	142,700	100	0	0	0	0	
Lake Cypress Springs	49	66,800	66,710	100	5,840	9	6,260	9	
Lake Bob Sandlin	50	202,300	142,200	70	2,200	1	-17,100	-8	
Lake O' the Pines	51	252,000	252,000	100	8,240	3	42,980	17	
Lake Fork Reservoir	52	635,200	635,200	100	0	0	27,600	4	
Toledo Bend Reservoir	53	4,472,900	4,248,000	95	-63,000	-1	453,000	10	
Lake Palestine	54	411,300	411,300	100	0	0	44,840	11	
Lake Tyler	55	73,700	73,700	100	4,630	6	12,960	18	
Sam Rayburn Reservoir	56	2,876,300	2,876,300	100	19,110	1	127,950	4	
B. A. Steinhagen Lake	57	94,200	240	0	150	0	-21,130	-22	
Cedar Creek Reservoir	58	637,050	637,050	100	2,050	0	70,250	11	
Lake Livingston	59	1,750,000	1,750,000	100	0	0	210,000	12	
Lake Conroe	60	429,900	418,500	97	900	0	67,500	16	
TOTAL		12,044,350	11,653,900	97	-19,880	0	1,025,110	9	
		ጥወእነ	IS-PECOS						
Red Bluff Reservoir	61	307,000		33	1 7 7 0	1	-4,830	-2	
	0T		102,470		1,730				
TOTAL		307,000	102,470	33	1,730	1	-4,830	-2	
		EDWARI	OS PLATEAU						
E. V. Spence Reservoir	62	488,760	75,370	15	5,330	1	-9,610	-2	
- Twin Buttes Reservoir	63	177,800	48,170	27	5,680	3	-1,930	-1	
O.C. Fisher Lake	64	119,200	8,080	7	390	0	-3,630	-3	
O. H. Ivie Reservoir	65	554,340	261,200	47	39,900	7	-13,400	-2	
Lake Buchanan	66	896,980	777,530	87	231,110	26	59,170	7	
Amistad Reservoir (Texas)	67	1,771,030	2,008,000	113	81,000	5	-6,000	0	
Amistad Reservoir									
(Texas and Mexico)	(67)	3,151,300	2,567,000	81	-135,000	-4	52,000	2	
TOTAL		4,008,110	3,178,350	79	363,410	9	24,600	1	
			I CENTRAL						
Somerville Lake	68	155,060	155,060	100	0	0	23,980	15	
Lake Travis	69	1,144,100	1,144,100	100	167,970	15	278,900	24	
Canyon Lake	70	385,600	385,600	100	0	0	34,170	9	
Coleto Creek Reservoir	71	35,060	32,090	92	-360	-1	8,980	26	
Medina Lake	72	254,000	180,500	71	59,700	24	26,900	11	
TOTAL		1,973,820	1,897,350	96	227,310	12	372,930	19	
		UPPE	ER COAST						
Lake Houston	73	128,860	128,860	100	0	0	0	0	
Lake Texana	74		153,330	97	-900	-1	23,390	15	
TOTAL		286,760	282,190	98	-900	0	23,390	8	
Chaba Carros Dagarrain	75		UTHERN	0.4	43,400	~	F 400	1	
Choke Canyon Reservoir	75	695,260	583,400	84	43,400	6	5,400	1	
Lake Corpus Christi	76	-	207,100	86	18,300 -49,000	8	114,590	48	
Falcon Reservoir (Texas) Falcon Reservoir	77	1,555,120	508,000	33	-49,000	-3	-267,000	-17	
	(77)	2 653 200	679 000	20	_150 000	E	_422 000	_16	
(Texas and Mexico)	(77)	2,653,290	678,000 1 298 500	26 52	-159,000	-6 1	-422,000	-16	
TOTAL		2,491,620	1,298,500	52	12,700	T	-147,010	-6	
STATE TOTAL		34,470,430	30,269,810	88	1,077,760	3	2,222,500	6	
		•					•		

Note:

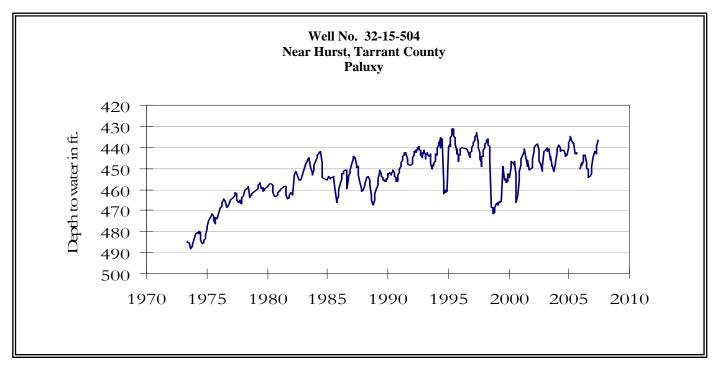
Conservation storage capacity is the space available to store water above the level of invert of lowest outlet works and below the level of top of conservation pool or normal maximum operating level. Conservation storage refers to the volume of water held within the conservation storage space. Not included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

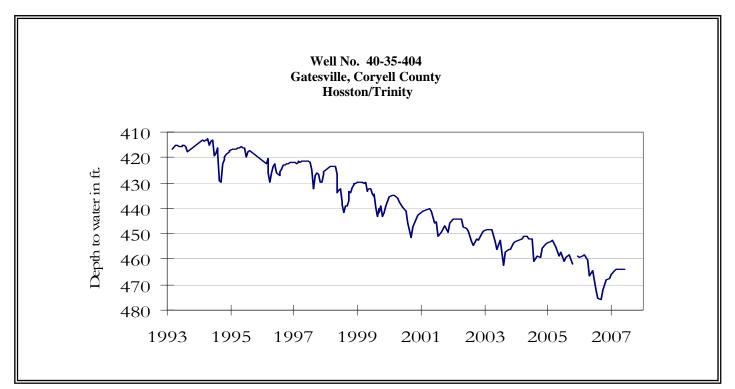
MAY GROUND WATER LEVELS IN OBSERVATION WELLS



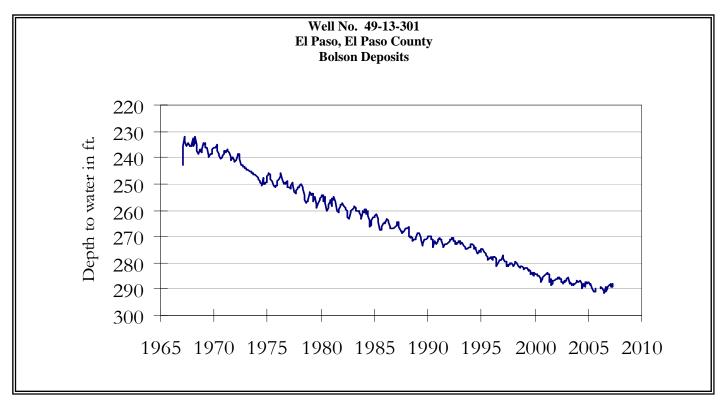
The late May water-level measurement in this Ogallala Aquifer well, elevation 3,816 feet above sea level, was 267.01 feet below land surface. This measurement was 0.06 feet above last month's measurement, 1.26 feet below last year's measurement, and 111.01 feet below the initial measurement recorded in 1968. No water level measurements were recorded for September through December 2005.



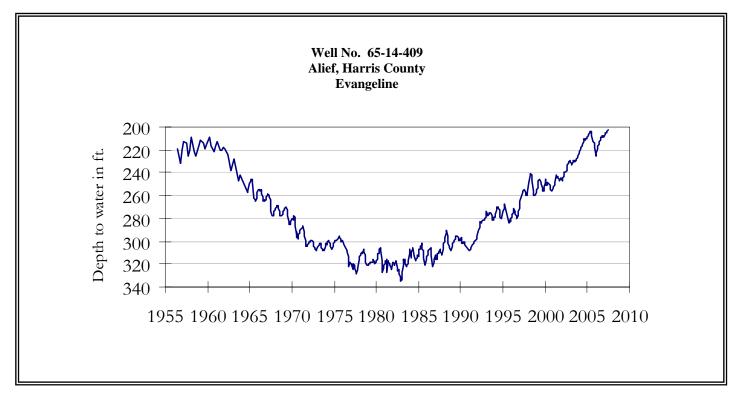
The late May water-level measurement in this Paluxy Formation Trinity Aquifer well, elevation 535 feet above sea level, was 436.57 feet below land surface. This measurement was 3.23 feet above last month's measurement, 10.46 feet above last year's measurement, and 58.57 feet below the initial measurement recorded in 1953. No water level measurements were recorded for September or October 2005.



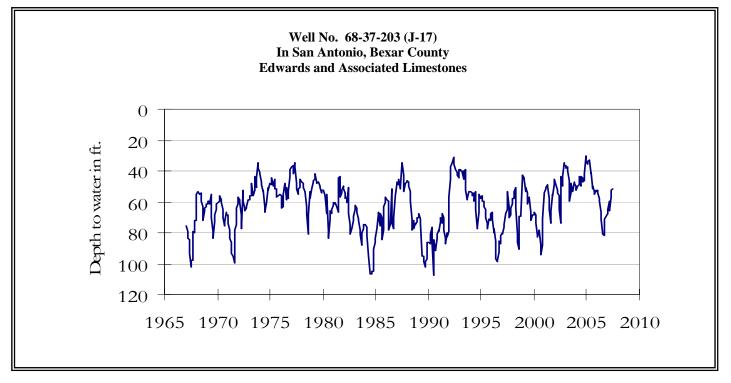
The late May water-level measurement in this Hosston Formation Trinity Aquifer well, elevation 823 feet above sea level, was 463.86 feet below land surface. This water level was 0.18 feet below last month's measurement, 0.72 feet above last year's measurement, and 171.86 feet below the initial measurement recorded in 1955. No water level measurement was recorded for October 2005.



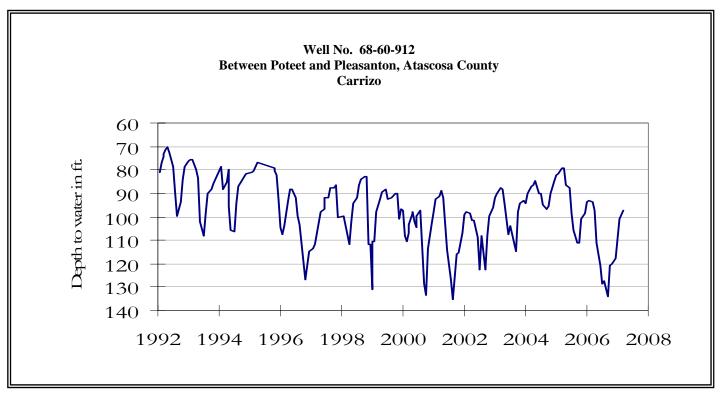
The water-level measurement was not available for this Hueco Bolson Aquifer well (recorder under repair). The graph presented is from last month's report.



The late May water-level measurement in this Evangeline Formation Gulf Coast Aquifer well, elevation 66 feet above sea level, was 202.15 feet below land surface. This was 1.29 feet above last month's measurement, 11.10 feet above last year's measurement, and 66.65 feet below the initial measurement recorded in 1947.

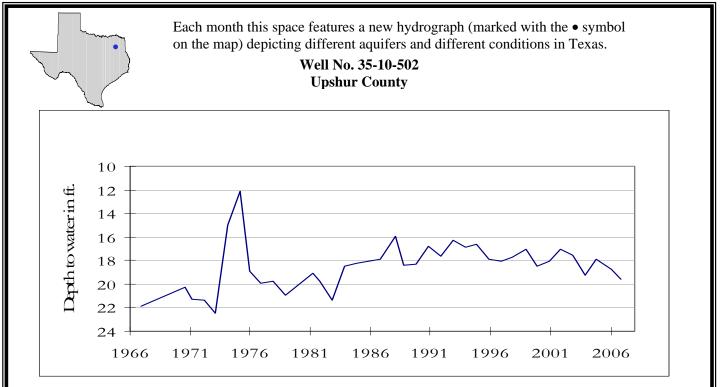


The late May water-level measurement in this Edwards (BFZ) Aquifer well, elevation 731 feet above sea level, was 51.50 feet below land surface. This was 1.30 feet above last month's measurement, 19.78 feet above last year's measurement, and 4.86 feet below the initial measurement recorded in 1962.



The late May water-level measurement in this Carrizo Aquifer well, elevation 446 feet above sea level, was 89.38 feet below land surface. This measurement was 31.67 feet above last year's measurement, and 54.02 feet below the initial measurement recorded in 1965. No water level measurements were recorded for March and April 2007.

HYDROGRAPH OF THE MONTH



This water level observation well, located 6 miles east of Gilmer, at an elevation of 390 feet ASL, was completed in the Queen City Aquifer. Water levels have remained fairly stable over time in the northern part of the aquifer.

May, 2007

Water level measurements were available for six of the seven key monitoring wells. Water levels rose in five of the monitoring wells since the beginning of May, ranging from 0.06 feet in the Castro Co. Ogallala well to 3.23 feet in the Tarrant Co. Trinity well. The J-17 well recorded a water level of 51.50 feet below land surface. This water level is 28.50 feet above the Stage 1 critical management level.

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