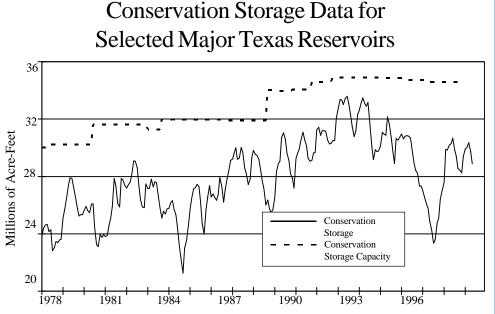
Texas Water Development Board

RESERVOIR STORAGE

Near the end of May, the 77 reservoirs monitored for this report held 289,875,540 acre-feet in conservation storage. This was 84 percent of the conservation storage capacity of the State's major reservoirs. Compared to last month, storage has decreased 852,920 acre-feet. Compared to this month last year, storage has decreased 1,410,460 acre-feet.

Of the monitored reservoirs, 12 held 100 percent or more of their conservation storage capacities near the end of May. Lakes Graham, Granbury, Brownwood, Tyler, Cedar Creek, and Houston were full and spilling. An additional amount of water (acre-feet) was contained in the flood storage pool in each of the reservoirs as follows: Lewisville, 13,160; Proctor, 2,470; Belton, 580; Stillhouse, 4,860; Granger, 1,610; and Wright Patman, 67,700.



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.

P.O. Box 13231 • 1700 N. Congress Avenue • Austin, Texas 78711-3231 Telephone (512) 463-7847 • Telefax (512) 475-2053 • 1-800-RELAYTX (for the hearing impaired)



STREAMFLOW

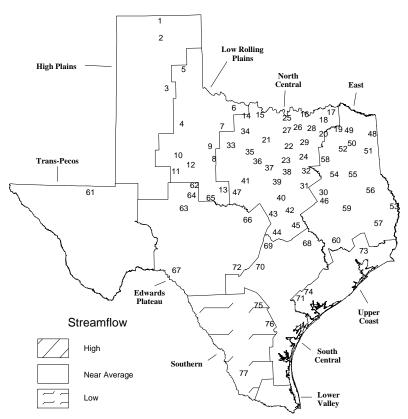
Streamflow conditions across Texas ranged from below-normal to normal during the month of May. For most of the month, no rainfall fell across the state. The thunderstorms that materialized late in the month did little to keep May from being one of the driest on record. Houston had it's least amount of rainfall since 1932. The following is a summary of the measured flows throughout the State.

The High Plains, Low Rolling Plains, North Central, East, Trans Pecos, Edwards Plateau, South Central, and Upper Coast climatic regions reported normal streamflow conditions during the month. The 27 gages in these regions reported a monthly mean flow for May that was exceeded 52.9% of the time. The Edwards Plateau's four gages reported a monthly flow average

that was exceeded 38.13% of the time. This was the wettest region in the state during the month. The East Texas climatic region was the driest of the group as their five gages reported a monthly flow average that was exceeded 73.76% of the time. The gage at the Salt Fork Red River near Wellington in the Low Rolling Plains climatic region reported a flow level that is exceeded only 2.8% of the time.

The Southern climatic region reported below normal flow conditions. The three gages reporting during this period, reported an average flow that was exceeded 91.9% of the time in May. The gage at the Nueces River near Tilden reported no flow for the month, a condition that is exceeded 99.9% of the time.

STREAMFLOW CONDITIONS FOR MAY **COMPARED WITH PAST RECORD**



Reservoirs Shown on Map

1. Palo Duro Reservoir
Lake Meredith
MacKenzie Reservoir
White River Lake
Greenbelt Reservoir
6. Lake Kemp
Miller's Creek Reservoir
Fort Phantom Hill Reservoir
Lake Stamford
10. Lake J. B. Thomas
11. Lake Colorado City
12. Champion Creek Reservoir
13. Hords Creek Lake
14. Lake Kickapoo
15. Lake Arrowhead
16. Lake Texoma
17. Pat Mayse Lake
18. Cooper Lake
19. Lake Sulphur Springs
20. Lake Tawakoni
21. Bridgeport Reservoir
22. Eagle Mountain Reservoir
23. Benbrook Lake
24. Joe Pool Lake
25. Ray Roberts Lake
26. Lewisville Lake
27. Grapevine Lake
28. Lavon Lake
29. Lake Ray Hubbard
30. Richland-Chambers Creek Lake
31. Navarro Mills Lake
32. Bardwell Lake
33. Hubbard Creek Reservoir

- 34. Lake Graham
- 35. Possum Kingdom Lake 36 Lake Palo Pinto
- 37. Lake Granbury 38. Lake Pat Cleburne
- 39. Whitney Lake

- 40. Waco Lake 41. Proctor Lake
- 42. Belton Lake
- 43 Stillhouse Hollow Lake 44. Lake Georgetown
- 45. Granger Lake
- 46. Lake Limestone
- 47. Lake Brownwood
- 48. Wright Patman Lake
- 49. Lake Cypress Springs 50 Lake Bob Sandlin
- 51. Lake O' the Pines
- 52. Lake Fork Reservoir
- 53. Toledo Bend Reservoir 54. Lake Palestine
- 55. Lake Tyler
- 56. Sam Rayburn Reservoir
- 57. B. A. Steinhagen Lake
- 58. Cedar Creek Reservoir 59. Lake Livingston
- 60. Lake Conroe
- 61 Red Bluff Reservoir
- 62, E. V. Spence Reservoir 63. Twin Buttes Reservoir
- 64. O. C. Fisher Lake
- 65. O. H. Ivie Reservoir
- 66. Lake Buchanan 67. Intl. Amistad Reservoir
- 68. Somerville Lake
- 69. Lake Travis
- 70. Canyon Lake
- 71. Coleto Creek Reservoir 72. Medina Lake
- 73. Lake Houston
- 74. Lake Texana
- 75. Choke Canyon Reservoir 76. Lake Corpus Christi
- 77. Intl. Falcon Reservoir

CONSERVATION	STORAGE	DATA	FOR	SELECTED	MAJOR	TEXAS	RESERVOIRS
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Name of Lake	: : Conservation : No.: Storage : on : Capacity			et and as Capacity				
or Reservoir	: 011 : : Map:	(acre-feet) :	Late May 19	98 :	Late Apr 19	998 :	Late May 19	97 _
	_		HIGH PLAINS	_				
Palo Duro Reservoir Jake Meredith	1	60,900	5,550	9	6,070	10	12,750	21
(Texas) ake Meredith	2	500,000	373,790	75	383,770	77	371,710	74
(Texas and Oklahoma)	(2)	(779,560)	(373,790)	(48)	(383,770)	(49)	(371,710)	(48)
acKenzie Reservoir	3	46,250	8,860	19	9,100	20	8,950	19
hite River Lake	4	31,850	11,240	35	11,900	37	14,270	45
TOTAL	-	639,000	399,440	63	410,840	64	407,680	64
		LOW	ROLLING PLA	INS				
reenbelt Reservoir	5	58,200	28,650	49	29,020	50	29,850	51
Jake Kemp	6	319,600	255,080	80	268,480	84	268,800	84
iller's Creek Reservoir	7	27,890	11,260	40	11,940	43	13,710	49
ort Phantom Hill Reservoir		70,030	49,750	71	55,160	79	70,030	100
ake Stamford	9	52,700	31,960	61	30,710	58	26,080	49
ake J. B. Thomas	10	202,300	12,780	6	14,060	7	13,740	7
ake Colorado City	11	30,800	17,260	56	17,970	58	18,100	59
hampion Creek Reservoir	12	41,600	19,040	46	19,740	47	22,100	53
ords Creek Lake	13	8,600	7,050	82	6,250	73	8,100	94
TOTAL		811,720	432,830	53	453,330	56	470,510	58
		1	NORTH CENTRAL					
ake Kickapoo	14	106,000	66,500	63	68,420	65	71,820	68
ake Arrowhead	15	262,100	226,230	86	231,800	88	238,910	91
ake Texoma	16	2,722,300	2,664,200	98	2,635,800	97	2,722,300	100
at Mayse Lake	17	124,500	118,600	95	122,300	98	124,500	100
ooper Lake	18	273,000	270,040	99	273,000	100	273,000	100
ake Sulphur Springs	19	17,710	17,100	97	17,710	100	17,710	100
ake Tawakoni	20	936,200	920,800	98	935,900	99	936,200	100
ridgeport Reservoir	21	374,830	372,000	99	372,700	99	374,830	100
agle Mountain Reservoir	22	178,380	176,960	99	178,380	100	178,380	100
enbrook Lake	23	88,200	86,830	98	86,170	98	88,200	100
oe Pool Lake	24	175,800	170,020	97	174,380	99	175,800	100
ay Roberts Lake	25	798,760	787,670	99	798,760	100	798,760	100
ewisville Lake	26	555,000	555,000	100	555,000	100	555,000	100
rapevine Lake	20	187,700	179,700	96	182,830	97	187,700	100
avon Lake	28	443,800	419,310	90 94	438,510	99	443,800	100
avon Lake ake Ray Hubbard	20 29							100
ichland-Chambers Creek Lak		490,000 1,103,820	478,800	98 97	486,300	99	490,000	
			1,072,120	97 06	1,095,220	99	1,103,820	100
avarro Mills Lake	31	55,810	53,510	96	55,810	100	55,810	100
ardwell Lake	32	53,580	50,470	94	51,540	96	51,400	96
ubbard Creek Reservoir	33	317,800	301,400	95	308,300	97	314,000	99
ake Graham	34	45,000	45,000	100	45,000	100	45,000	100
ossum Kingdom Lake	35	551,820	509,850	92	536,000	97	545,410	99
ake Palo Pinto	36	42,200	38,820	92	40,440	96	42,200	100
ake Granbury	37	135,680	135,680	100	135,680	100	135,680	100
ake Pat Cleburne	38	25,300	24,450	97	25,300	100	25,300	100
hitney Lake	39	622,800	613,400	98	620,650	99	622,800	100
				96	142,710	99		

CONSERVATION S	STORAGE	DATA	FOR	SELECTED	MAJOR	TEXAS	RESERVOIRS
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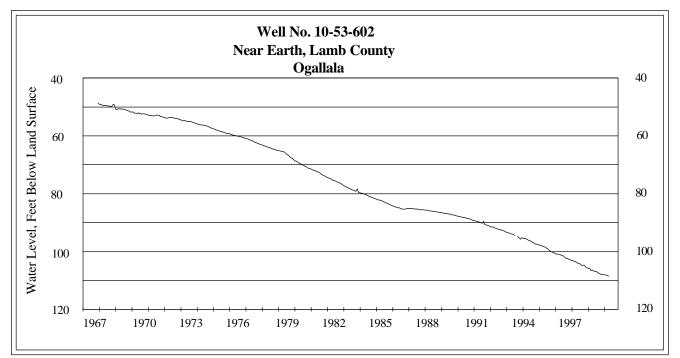
	: : : No.:	Conservation: Storage :			n Storage in A Conservation S								
Name of Lake	: on :	Capacity :_											
or Reservoir	: Map:	(acre-feet) :	Late May 19	998 :	Late Apr 19	98 :	Late May 1	1997					
NORTH CENTRAL (continued)													
roctor Lake	41	55,590	55,590	100	55,590	100	55,590	100					
elton Lake	42	434,500	434,500	100	434,500	100	434,500	100					
illhouse Hollow Lake	43	226,060	226,060	100	226,060	100	226,060	100					
ake Georgetown	44	37,010	36,800	99	37,010	100	37,010	100					
ranger Lake	45	54,280	54,280	100	54,280	100	54,280	100					
ake Limestone	46	215,750	205,020	95	215,750	100	215,750	100					
ke Brownwood	47	143,400	143,400	100	141,300	99	143,400	100					
TOTAL		11,999,230	11,648,390	97	11,779,100	98	11,929,470	99					
			EAST										
ight Patman Lake	48	142,700	142,700	100	142,700	100	142,700	100					
ake Cypress Springs	49	66,800	65,960	99	66,800	100	66,800	100					
ake Bob Sandlin	50	202,300	189,510	94	202,300	100	202,300	100					
ke O' the Pines	51	252,000	250,680	99	252,000	100	252,000	100					
ke Fork Reservoir	52	635,200	615,830	97	621,290	98	635,200	100					
oledo Bend Reservoir	53	4,472,900	4,100,000	92	4,240,000	95	4,472,900	100					
ke Palestine	54	411,300	398,500	97	408,800	99	411,300	100					
ke Tyler	55	73,700	73,700	100	73,700	100	73,700	100					
m Rayburn Reservoir	56	2,876,300	2,720,840	95	2,876,300	100	2,876,300	100					
A. Steinhagen Lake	57	94,200	80,790	86	83,880	89	86,930	92					
dar Creek Reservoir	58	637,050	637,050	100	637,050	100	637,050	100					
ke Livingston	59	1,750,000	1,730,000	99	1,750,000	100	1,750,000	100					
ke Conroe	60	429,900	406,870	95	413,970	96	414,970	97					
TOTAL		12,044,350	11,412,430	95	11,768,790	98	12,022,150	99					
			TRANS-PECOS										
ed Bluff Reservoir	61	307,000	74,470	24	82,330	27	64,960	21					
TOTAL		307,000	74,470	24	82,330	27	64,960	21					
		EI	DWARDS PLATE	U									
. V. Spence Reservoir	62	484,800	96,440	20	99,230	20	124,300	26					
vin Buttes Reservoir	63	177,800	38,030	21	42,460	24	71,280	40					
C. Fisher Lake	64	119,200	18,440	15	15,020	13	19,720	17					
H. Ivie Reservoir	65	554,340	499,160	90	489,460	88	501,860	91					
ke Buchanan istad Reservoir	66	896,980	847,420	94	847,880	95	850,760	95					
(Texas) istad Reservoir	67	1,771,030	737,750	42	826,920	47	921,780	52					
(Texas and Mexico)	(67)	(3,151,300)	(997,980)	(32)	(1,321,460)	(42)	(1,420,360)	(45					
TOTAL	(07)	4,004,150	2,237,240	56	2,320,970	58	2,489,700	62					
		5	SOUTH CENTRAL										
merville Lake	68	155,060	150,000	97	153,700	99	155,060	100					
ake Travis	69	1,144,100	1,021,580	89	1,144,100	100	1,144,100	100					
nyon Lake	70	385,600	379,310	98	380,700	99	385,600	100					
oleto Creek Reservoir	70	35,060	31,740	91	33,500	96	35,060	100					
edina Lake	72	254,000	241,400	95	254,000	100	123,400	49					
		,000	,100	92	1,966,000	99	1,843,220						

CONSERVATION	STORAGE	DATA	FOR	SELECTED	MAJOR	TEXAS	RESERVOIRS
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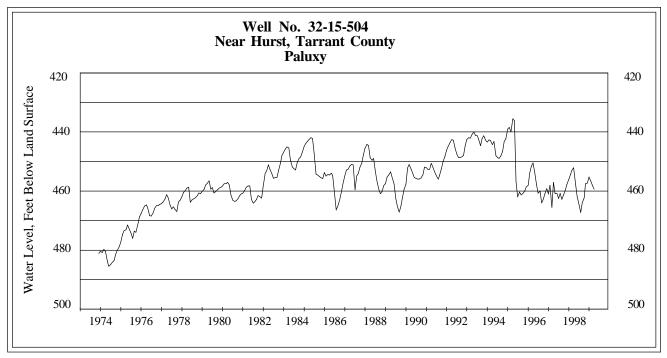
Name of Lake	: : : No.: : on :	Conservation: Storage : Capacity :_	et and as Capacity					
or Reservoir	: Map:	(acre-feet) :	Late May 19	998 :	Late Apr 19	98 :	Late May 19	97 _
			UPPER COAST					
ake Houston	73	128,860	128,860	100	128,860	100	128,860	100
Jake Texana	74	157,900	147,950	94	149,300	95	157,540	99
TOTAL		286,760	276,810	97	278,160	97	286,400	99
			SOUTHERN					
Choke Canyon Reservoir	75	695,260	260,570	37	268,030	39	174,210	25
Jake Corpus Christi Talcon Reservoir	76	241,240	148,000	61	165,800	69	135,600	56
(Texas) 'alcon Reservoir	77	1,555,120	161,330	10	235,110	15	462,100	30
(Texas and Mexico)	(77)	(2,653,290)	(274,830)	(10)	(282,130)	(11)	(782,340)	(29)
TOTAL		2,491,620	569,900	23	668,940	27	771,910	31
STATE TOTAL		34,557,650	28,875,540	84	29,728,460	86	30,286,000	88

NOTES: 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 operatin g 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). Percentages are based on the conservation storage capacity of and the conservatio n storage in the reservoirs for date shown. Current data are based on elevations near end of month at 77 reservoirs that together represent 98 percent of the tota 1 conservation storage capacity of major Texas reservoirs (those with capacity of 5,000 acre-feet or mor e each). Figures in parenth esis for Lake Meredith represent the total conservation storage excluding 58,014 acre-feet of dead storage and are not included in State total. Pr eliminary figures are shown for the United States' share of conservation storage in International Amistad and International Falcon Reservoirs; th е estimates may be subject to revision on completion of international water accounting. Figures i n parentheses show the total conservation storage for both Texas (United States' share) and Mexico and are not included in State total.

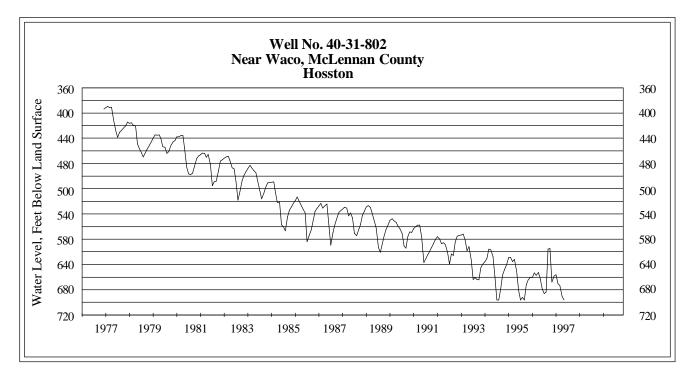
GROUND WATER LEVELS IN OBSERVATION WELLS



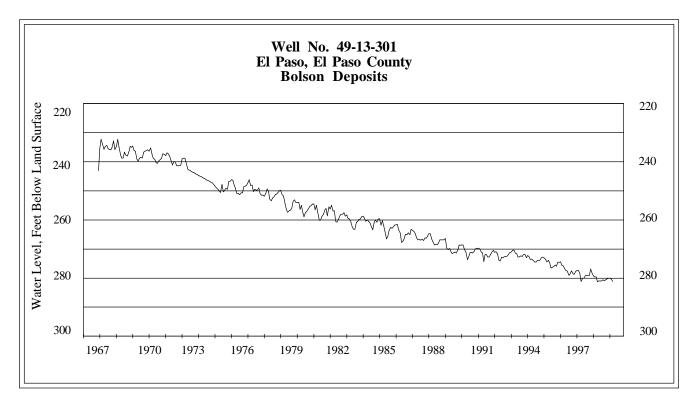
The May water-level measurement in this Ogallala aquifer well, elevation 3667 feet above sea level, was 108.51 feet below land surface. This was 0.20 of a foot below last month's measurement, 2.13 feet below last year's measurement, and 80.36 feet below the initial measurement recorded in 1950.



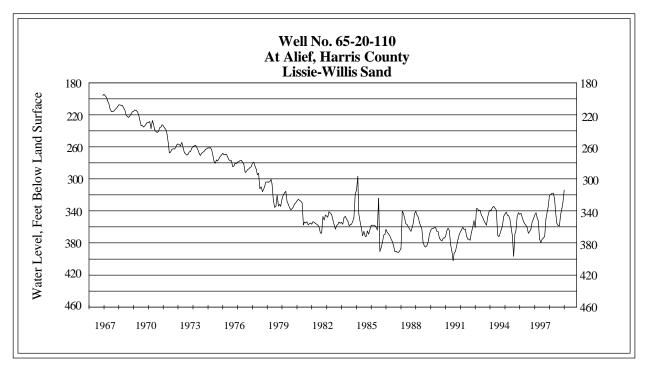
The May water-level measurement in this Paluxy aquifer well, elevation 535 feet above sea level, was 459.36 feet below land surface. This measurement was 1.17 feet below last month's measurement, 7.27 feet below last year's measurement, and 65.97 feet below the initial measurement recorded in 1953.



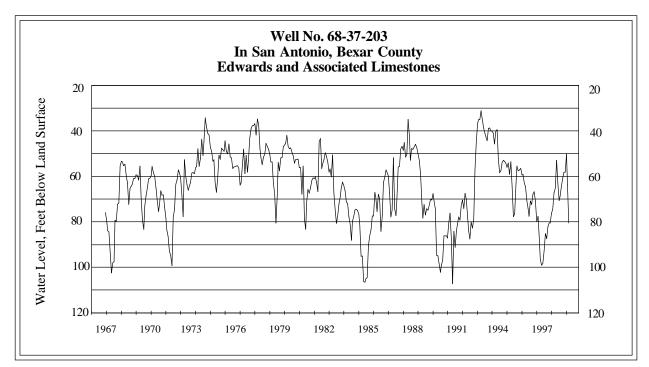
Current water-level measurements are unavailable from this Hosston Formation well due to cave-in problems. The well is scheduled to be repaired in 1998.



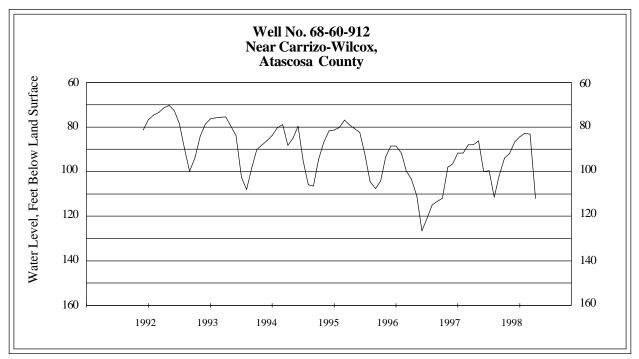
The May water-level measurement in this Bolson Deposits aquifer well, elevation 3882 feet above sea level, was 281.18 feet below land surface. This was 0.87 of a foot below last month's measurement, 1.52 feet below last year's measurement, and 49.28 feet below the initial measurement recorded in 1964.



The May water-level measurement in this Lissie Willis Sand aquifer well, elevation 83 feet above sea level, was not available.



The May water-level measurement in this Edwards aquifer well, elevation 731 feet above sea level, was 80.60 feet below land surface. This was 16.90 feet below last month's measurement, 15.40 feet below last year's measurement, and 36.88 feet below the initial measurement recorded in 1962.



The May water-level measurement in this Carrizo aquifer well, elevation 446 feet above sea level, was 112.01 feet below land surface. This was 28.87 feet below last month's measurement, 24.05 feet below last year's measurement, and 30.76 feet below the initial measurement recorded in 1992.

