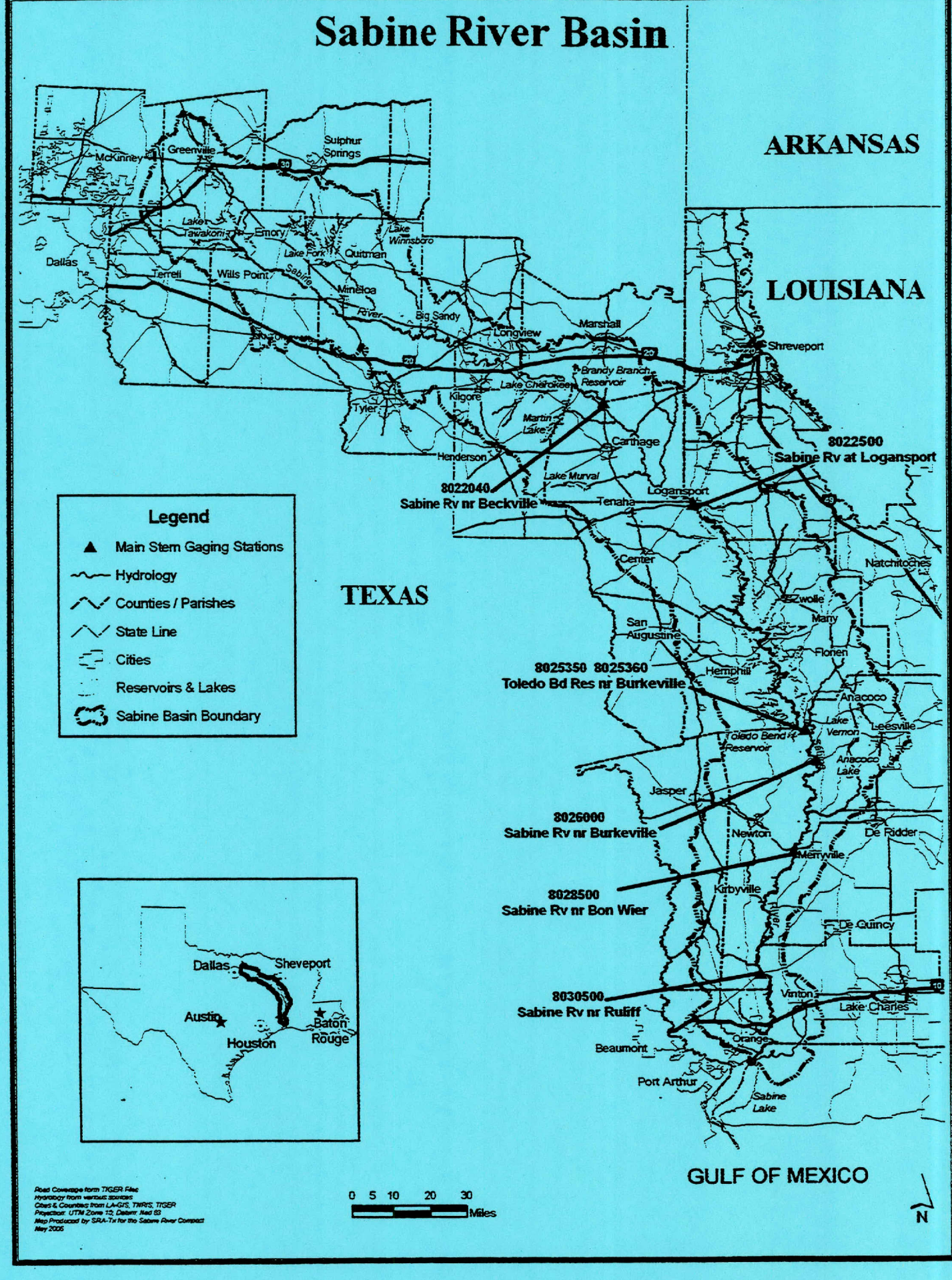
2007

FIFTY-THIRD

ANNUAL REPORT

SABINE RIVER COMPACT ADMINISTRATION LOUISIANA AND TEXAS

Sabine River Basin



Road Coverage from TIGER Files
Hydrology from various sources
Cities & Counties from LA-GIS, TNRIS, TIGER
Projection: UTM Zone 15, Datum: Nad 83
Map Produced by SRA-Tx for the Sabine River Compact
May 2005

FIFTY-THIRD ANNUAL REPORT

SABINE RIVER COMPACT ADMINISTRATION

FOR THE YEAR 2007

To the President of the United States

and

The Governors of Louisiana and Texas

The Administration
Vernon B. Sauer
Federal Representative and Chairman

George D. Brandon, DVM and Bobby E. Williams
for Louisiana

Gary E. Gagnon and Rick Campbell
for Texas

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Annual Report of

SABINE RIVER COMPACT ADMINISTRATION
2007

Report Year: October 1, 2006 to September 30, 2007

TO: The President of the United States
Governors of the States of Louisiana and Texas

Pursuant to Article VII of the Sabine River Compact, the Administration created by the terms of this Compact makes the following report for the year ending September 30, 2007.

1. Members of the Administration

Members of the Administration appointed in accordance with provisions of the Sabine River Compact as amended by Public Law 102-575, October 30, 1992 are:

United States Representative:
Vernon B. Sauer
Louisiana Representatives:
George D. Brandon
Bobby E. Williams
Texas Representatives:
Gary E. Gagnon
Frank Parker (through February 2007)
Rick Campbell (from 09/17/07)

2. Officers of the Administration

Chairman:	**Vernon B. Sauer, Hartwell, GA 30643**
Vice-Chairman:	**George D. Brandon, Leesville, LA 71446**
Treasurer:	**Gary Gagnon, Mauriceville, TX**
Secretary:	**Kellie Ferguson, 15091 TX Hwy., Many, LA 71449**

3. Standing Committees

Budget Committee:
USGS LA Representative - George Arcement, Chairman, Baton Rouge, Louisiana
USGS TX Representative – Mike Turco, Conroe, Texas
LA Department of Transportation and Development Representative -
Ed Preau, Baton Rouge, Louisiana
TX Commission on Environmental Quality Representative –
Grant Gibson, Austin, Texas

Engineering Committee:

Jerry Clark, Chairman, Orange, TX
Mike Rankin, Vice-Chairman, Many, LA
George Arcement, Baton Rouge, Louisiana
David M. Cochran, Austin, Texas
Bob Corby, Fort Worth, Texas
David Daigle, Lake Charles, Louisiana
Kellie Ferguson, Many, Louisiana
Max Forbes, Baton Rouge, Louisiana
Donnie Henson, Orange, Texas
Bill Hughes, Orange, Texas
Bob Joseph, Houston, Texas
Ben McGee, Ruston, Louisiana
David Montagne, Orange, Texas
James W. Pratt, Many, Louisiana
Ed Preau, Baton Rouge, Louisiana
Barton Rumsey, Many, Louisiana
Herman Settemeyer, Austin, Texas
Deborah Stagner, Orange, Texas
Jack Tatum, Orange, Texas
Mike Turco, Conroe, Texas
R. W. Vincent, Baton Rouge, Louisiana
Chief, State Programs Section; USEPA, Dallas, Texas
Meteorologist in Charge, NWS, Lake Charles, Louisiana

Engineering Sub-Committees:

Diversion:	**Jack Tatum**
	Mike Rankin
Gaging:	**Mike Rankin**
	George Arcement
	Jack Tatum
	Mike Turco
Water Quality:	**David Daigle**
	Herman Settemeyer
	Jack Tatum
Legal Committee:	**Jim I. Graves, Chairman, Orange, Texas**
	Jane Atwood, Austin, Texas
	Gary C. Ethridge, Baton Rouge, Louisiana

The Chairman, Representative of the United States, is ex-officio member of all standing committees.

4. Meetings

Meetings were held during the report year as follows:
October 27, 2006 – Westin Galleria, Houston, Texas
June 1, 2007 – Sheraton Baton Rouge Convention Center, Baton Rouge, Louisiana

5. Fiscal

(a) In accordance with Article VII:K of the Compact, the expenses incident to the administration of the Compact are paid equally by the States of Louisiana and Texas. A summary of receipts and disbursements for fiscal year ending August 31, 2007 is included in Appendix A.

(b) On June 3, 2006, the Administration approved a budget for the 2007 fiscal year in accordance with provisions of the By-Laws of the Administration (Article VII:3) as follows:

Stream Gaging Program	$104,300.00
Quality of Water Program	15,190.00
Administrative Expenses	
Secretary's Office	3,892.50
Treasurer's Office	1,242.50
Auditing Fee	3,000.00
Treasurer's Bond	50.00
Meeting Expenses	950.00
Total Budget	$128,625.00

Note: USGS to contribute $59,745 toward the Gaging and Water Program; Compact to contribute $59,745 toward the Gaging and Water Program and $9,135 or 100% of Administrative Expenses with each state being responsible for one-half of the Compact contributions ($34,440).

(c) Pursuant to provisions of the Compact (Article VII:K) and of the By-Laws of the Administration (Article VII:4), the receipts and disbursements of the Administration have been audited for the period September 1, 2006 through August 31, 2007. The report of this audit is attached as Appendix A.

6. General Activities

The Administration continued its cooperative program with State and Federal agencies to collect streamflow and quality-of-water data, and to report diversions as provided by Article VII:G of the Compact.

For the fiscal year ending August 31, 2007, the Administration and the Water Resources Division, U.S. Geological Survey provided a total of $128,625.00 for the cost of operation. The basic-records part of the program, supported by these funds, consisted of the full support for nine continuous-record discharge stations [one with Data Collection Platform (DCP)]; one reservoir contents station; one stage station (with DCP); one crest-stage station, and water quality analyses for two sites. The discharge station on the Sabine River near Beckville is used for the determination of Stateline flow as defined by Article VII:G of the Compact. Funds for the operation of this station are provided by the Texas Commission on Environmental Quality and the U.S. Geological Survey. This Article also requires findings as to the diversions made in the Stateline reach. Tabulated below is a summary of the diversions for the reporting year, October 1, 2006 - September 30, 2007.

DIVERSIONS IN ACRE-FEET

Purpose	State	Sabine River Below Toledo Bend Dam	Tributaries Below Toledo Bend Dam	Toledo Bend Reservoir	Tributaries flowing into Toledo Bend Reser. Below State Line
Irrigation	Louisiana	1,030.55	0	0	0
	Texas	88.88	0	0	0
Industrial	Louisiana	56,579.49	0	25,267.76	18.34
	Texas	50,852.29	0	3,276.54	0
Municipal	Louisiana	311.38	0	3,693.62	0
	Texas	110.90	0	990.73	514.50
Total	Louisiana	57,921.42	0	28,961.38	18.34
	Texas	51,052.07	0	4,267.27	514.50
			Total Diversion For Louisiana		86,901.14
			Total Diversion For Texas		55,833.84
			Grand Total		**142,734.98**

The industrial diversion for Texas did not utilize any brackish cooling water from Adams Bayou.

The gaging stations designated by the Administration are listed in Section 9 and data relative to these stations, as well as other stations partially funded by the Administration, is in Appendix B.

7. Hydrologic Conditions

A number of years ago the Toledo Bend Project created an Alert System by acquiring and installing sixteen instruments at selected locations within that portion of the Sabine Basin from the Toledo Bend Dam northwestward to the Highway 59 crossing of the Sabine River. These instruments provide real time data via radio signals to a continuously operated monitoring computer located in the SRA Texas Office at the Damsite, which computer receives and stores the transmitted data. This computer can be polled by telephone from any remote location providing the Reservoir operators with real time data to include rainfall, Reservoir elevation, and River stages to be used as information in Reservoir operations.

Included as Appendix "F" is an overview map of the area showing the approximate location of each of these sixteen stations with an attached sheet showing the various Station ID Numbers, the Station names, and a more exact location for each. This Appendix includes the total monthly rainfall for each station for water years 05-06 and 06-07, the long term average based on the 10 year period of WY 97-98 through WY 06-07, and the departure from the average. It also includes the total monthly rainfall for each station for the 10 year period used to determine the long term averages. For fast references, graphs showing the total monthly rainfall for WY 06-07 and total WY rainfall for the 10 year period are also included.

A narrative summary of this information is utilized herein in reporting the hydrologic conditions experienced during the reporting water year and for comparing these conditions with the previous water year thereby giving the reader a general idea of the most recent and previous hydrologic conditions of the area. The data for Site 11 is incomplete due to construction of the Cypress Bend Complex, therefore, this station is not included in the narrative summary.

For the fifteen stations having complete records, 55% of the monthly rainfall totals were below the long term average compared to 70% for WY 05-06 and 45% of the monthly rainfall totals were above the long term average compared to 30% for WY 05-06. 33% of the annual rainfall totals were below the long term average compared to 100% for WY 05-06 and 67% of the annual rainfall totals were above the long term average compared to 0% for WY 05-06.

Noteworthy monthly totals on the high side were nine greater than 10 inches with six occurring in October 06. The maximum for any month was 15.39 inches at Spillway.

Noteworthy monthly totals on the low side were fifteen less than 1 inch with eleven occurring in August 07. The station at Highway 59 actually recorded 0.00 inches.

Runoff for the basin was 103% of the average (WY 1961-2007) as measured at the Ruliff gaging station. Tributary gaging stations near Newton, TX and Rosepine, LA had annual runoffs of 207% of the average and 127% of the average, respectively, of total annual runoff. The peak discharge for various stations was 17,800 cubic feet per second (CFS) on July 20 at Beckville; 19,700 CFS on July 30 at Burkeville; 10,700 CFS on October 19 at Bayou Anacoco near Rosepine, LA; 38,400 CFS on December 31 at Bon Wier; 41,500 CFS on October 17 at Big Cow Creek near Newton, TX; and 58,200 CFS at Ruliff on October 22.

Due to reservoir levels being above 172.50 msl releases totaling 5000 CFS were initiated through the spillway gates at 1230 hours on July 16 and continued at this rate until 1300 hours on August 3. The total release during this period equaled 180,208.33 acre feet.

The lawsuits filed against Sabine River Authority, State of Louisiana (SRALA) by downstream residents alleging damages from the March, 2001 spillway releases and the wrongful death suit for the death of a father and his son during the same time period is still pending.

Records of the daily readings obtained at 0630 hours by the Toledo Bend Project Joint Operation reflect a maximum reservoir elevation of 172.51 feet on July 18 and 22, 2007 and the minimum elevation of 161.25 feet on October 16, 2006. *This Reservoir low elevation of 161.25 is a new record low since the initial filling of the Reservoir in 1968.* Releases from the Reservoir for the water year totaled 3,359,800 acre feet. A monthly summary of contents and key elevations of the Reservoir as reflected by U.S. Geological Survey records is shown in Appendix B. The lowest daily mean flow at Beckville was 13 on October 7, with the lowest seven-day minimum being 17 CFS on October 6, therefore, the discharge of the Sabine River at Stateline was not maintained above the required 36 CFS during the year.

Records for the official gaging stations, as well as other stations partially funded by the Administration, are summarized in Appendix B. More complete records for these stations are published in reports of the U.S., Geological Survey.

8. Hydrologic Stations

Quantity and quality-of-water data are collected at many sites in and immediately adjacent to the basin by State and Federal agencies. The information aids in the development and utilization of the water resources of the Basin. The type of data collected is not the same for all agencies and it is impractical to publish the data in this report. However, to assist a user, the sites, the type of data collected, and the address of the collecting agency are shown below. The agency will furnish the information on request.

At gaging stations, a continuous gage-height record and daily discharge are available; at reservoir stations, records of elevation and contents are available; and, at rainfall stations, daily and hourly precipitation data are available. At quality-of-water stations, chemical, biological, and physical characteristics of water are determined at different intervals and for different constituents.

I. Gaging stations operated by the U.S. Geological Survey, 3535 S. Sherwood Forest Blvd., Suite 120, Baton Rouge, Louisiana 70816.

1. **Bayou Castor near Funston, LA**
2. **Bayou Grand Cane near Stanley, LA**
3. **Bayou San Patricio near Benson, LA**
4. **Bayou Toro near Toro, LA**
5. **Bayou Anacoco near Rosepine, LA**

II. Gaging stations operated by the U.S. Geological Survey, 8027 Exchange Drive, Austin, Texas 78754. All active stations are DCP equipped.

1. **Cowleech Fork Sabine River at Greenville, TX**
2. **South Fork Sabine River near Quinlan, TX**
3. **Sabine River near Wills Point, TX**
4. **Sabine River near Mineola, TX**
5. **Burke Creek near Yantis, TX (1979-1989)**
6. **Lake Fork Creek near Quitman, TX**
7. **Big Sandy Creek near Big Sandy, TX**
8. **Sabine River near Gladewater, TX**
9. **Sabine River near Beckville, TX**
10. **Martin Creek near Tatum, TX (1974 – 1996)**
11. **Murvaul Bayou near Gary, TX (1958 – 1983)**
12. **Sabine River at Toledo Bend near Burkeville, TX**
13. **Sabine River near Burkeville, TX**
14. **Sabine River near Bon Wier, TX**
15. **Big Cow Creek near Newton, TX**
16. **Cypress Creek near Buna, TX (1952 – 1983)**
17. **Sabine River near Ruliff, TX**
18. **Cow Bayou near Mauriceville, TX (1952 – 1986)**

III. Gage-height station operated by the U.S. Geological Survey, 3535 S. Sherwood Forest Blvd., Suite 120, Baton Rouge, Louisiana 70816.

1. Bayou Toro near Toledo Bend near Toro, LA.

IV. Reservoir stations operated by the U.S. Geological Survey, 8027 Exchange Drive, Austin, Texas 78754. All active stations are DCP equipped.

1. Lake Tawakoni near Wills Point, TX
2. Lake Winnsboro near Winnsboro, TX (1962 – 1986)
3. Lake Fork Reservoir near Quitman, TX
4. Lake Cherokee near Longview, TX (1951 – 1983)
5. Martin Lake near Tatum, TX
6. Sabine River at Logansport, LA
7. Toledo Bend Reservoir near Burkeville, LA

V. Quality-of-water stations operated by the Louisiana Department of Environmental Quality (LDEQ), P.O. Box 82215, Baton Rouge, LA 70884-2215; the Sabine River Authority of Texas (SRA-TX), P. O. Box 579, Orange, TX 77630-0579; Stream Monitoring Unit, Texas Natural Resource Conservation Commission (TNRCC), P. O. Box 13087, Austin, TX 78711; the U.S. Geological Survey in Louisiana (USGS-LA); and the U.S. Geological Survey in Texas (USGS-TX), addresses shown above:

1. Lake Tawakoni headwaters, Cowleech Fork of Sabine River at U.S. 69 northwest of Lone Oak, TX, (SRA-TX)
2. Lake Tawakoni in upper lake, Cowleech Arm, near Wind Point Park, TX (SRA-TX)
3. Lake Tawakoni headwaters, Caddo Creek near Quinlan, TX at TX 34 (SRA-TX)
4. Lake Tawakoni in Caddo Inlet near Caddo Jake Reach (SRA-TX)
5. Lake Tawakoni at midlake at FM 35 near Quinlan, TX (SRA-TX)
6. South Fork of Sabine River at TX 34 (SRA-TX)
7. Lake Tawakoni in Kitsee Inlet near Quinlan, TX (SRA-TX)
8. Bull Creek at confluence with Oak Cove of Lake Tawakoni (SRA-TX)
9. Lake Tawakoni near Wills Point, TX (SRA-TX)
10. Sabine River near Wills Point, TX (SRA-TX)
11. Sabine River near Mineola, TX (USGS-TX, SRA-TX) (1968 – 1972, 1973 – 1996)
12. Lake Fork Creek at TX 19 near Emory, TX (SRA-TX)
13. Burke Creek at FM 514 near Yantis, TX (SRA-TX)
14. Lake Fork Reservoir at FM 515 near Alba, TX (SRA-TX)
15. Lake Fork Reservoir near Dallas Water Intake (SRA-TX)
16. Lake Fork Reservoir, Little Caney Arm at pipeline crossing (SRA-TX)
17. Caney Creek at FM 515 near Yantis, TX (SRA-TX)
18. Lake Fork Reservoir near Quitman, TX (SRA-TX, USGS-TX) (1961 – 1986)
19. Lake Fork Creek just below spillway at TX 182 (SRA-TX)
20. Lake Fork Creek near Mineola, TX (SRA-TX)
21. Sabine River near Hawkins, TX (SRA-TX)

22. Big Sandy Creek near Holly Lake Ranch at FM 2896 (SRA-TX)
23. Big Sandy Creek north of Hawkins at FM 1795 (SRA-TX)
24. Big Sandy Creek near Big Sandy, TX (USGS-TX, SRA-TX) (1985 – 1986)
25. Lake Cherokee near Longview, TX (USGS-TX) (1969 – 1983)
26. Sabine River near Beckville, TX (USGS-TX) (1962 – 1998)
27. Martin Lake near Tatum, TX (USGS-TX) (1939 – 1945)
28. Sabine River near Deadwood, TX (SRA-TX)
29. Sabine River near Logansport, LA (LDEQ, TNRCC, USGS, SRA-TX) (1939 – 1945)
30. Bayou Castor near Logansport, LA (USGS-LA)
31. Bayou Grand Cane near Stanley, LA (USGS-LA)
32. Tenaha Creek south of Campti, TX (TNRCC)
33. Toledo Bend Reservoir, Tenaha arm near Center, TX (SRA-TX)
34. Bayou San Patricio near Benson, LA (USGS-LA)
35. Toledo Bend Reservoir near Milam, TX (SRA-TX)
36. Toledo Bend Reservoir near Huxley Water Plant Intake (SRA-TX)
37. Toledo Bend Reservoir, Sunshine Bay near Milam, TX (SRA-TX)
38. Toledo Bend in Six Mile Boat Lane at US 87 Bridge (SRA-TX)
39. Toledo Bend Reservoir at Toledo Bend Dam, TX (SRA-TX)
40. Sabine River below spillway of Toledo Bend Reservoir, TX (SRA-TX)
41. Sabine River at Toledo Bend Dam near Burkeville, TX (USGS-TX) (1967 – 1986)
42. Sabine River near Burkeville, TX (SRA-TX, USGS-TX) (1968 – 1972)
43. Bayou Anacoco near Knight, LA (USGS-LA)
44. Sabine River near Bon Weir, TX (LDEQ, TNRCC, USGS-TX, SRA-TX) (1969 – 1985)
45. Sabine River near Ruliff, TX (USGS-TX, SRA-TX) (1945, 1947 – 1998)
46. Sabine River at IH-10 at Orange, TX (LDEQ, TNRCC)
47. Adams Bayou at FM 1006 near Orange, TX (TNRCC)
48. Adams Bayou at IH-10 at Orange, TX (TNRCC)
49. Sabine River at Channel Marker 3 below Cow Bayou, TX (TNRCC)
50. Cow Bayou at FM 1442 east of Bridge City, TX (TNRCC)

VI. Rainfall stations operated by the National Oceanic and Atmospheric Administration - National Weather Service. Request data from nearby Weather Service Office or from National Climatic Center, Asheville, N.C. 28801.

Bon Wier, TX	Greenville, TX	Logansport, LA	Orange, TX
Canton, TX	Harleton, TX	Longview, TX	Terrell, TX
Carthage, TX	Hawkins, TX	Many, LA	Tyler, TX
Center,TX	Hemphill, TX	Marshall, TX	Wills Point, TX
DeRidder, LA	Lake Charles, LA	McKinney, TX	Winnsboro, TX
Emory, TX	Leesville, LA	Mineola, TX	Wolfe City, TX
Gilmer, Tx			

Daily forecasts are made by the National Weather Service at 9 sites on the Sabine River and at 3 reservoir sites; flood forecasts are made at 4 additional points. The information is available from newspapers in the area.

9. Official Gaging Stations

The Administration has designated official gaging stations needed to perform its duties as stated by Article VII:G of the Compact. These stations are continuous record gaging stations and are operated by the U.S. Geological Survey. The Administration, the Geological Survey, and other agencies finance the operating costs.

Continuous-record stations (main stem):

Sabine River near Beckville, TX (DCP equipped)
Sabine River near Logansport, LA (gage height only; DCP equipped)
Toledo Bend Reservoir near Burkeville, TX (elevation at two sites and contents)
Sabine River near Bon Wier, TX
Sabine River near Ruliff, TX

Tributaries:

Bayou Anacoco near Rosepine, LA
Big Cow Creek near Newton, TX

Records for these stations are given in Appendix B.

Respectfully submitted,

SABINE RIVER COMPACT ADMINISTRATION

Vernon B. Sauer, Chairman
Representative of the United States

George D. Brandon
Commissioner for Louisiana

Bobby E. Williams
Commissioner for Louisiana

Gary Gagnon
Commissioner for Texas

Rick Campbell
Commissioner for Texas

SABINE RIVER COMPACT ADMINISTRATION
FINANCIAL REPORT
AUGUST 31, 2007

C O N T E N T S

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INDEPENDENT AUDITORS' REPORT

To the Board of Commissioners
Sabine River Compact Administration
States of Texas and Louisiana

We have audited the accompanying basic financial statements of the Sabine River Compact Administration, a component unit of the State of Texas and State of Louisiana, as of and for the years ended August 31, 2007 and 2006. These financial statements are the responsibility of the Administration's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinions.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the financial position of Sabine River Compact Administration as of August 31, 2007 and 2006, and the changes in financial position for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Management's discussion and analysis on pages 3 and 4 is not a required part of the basic financial statements but is supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

In accordance with Government Auditing Standards, we have also issued our report dated September 18, 2007, on our consideration of the Sabine River Compact Administration's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

Broussard, Poché, Lewis & Breaux, L.L.P.

Lafayette, Louisiana
September 18, 2007

SABINE RIVER COMPACT ADMINISTRATION

MANAGEMENT'S DISCUSSION AND ANALYSIS

This section of the Sabine River Compact Administration (SRCA) annual financial report presents a discussion and analysis of SRCA's financial performance during the fiscal year that ended August 31, 2007. Please read this section in conjunction with SRCA's financial statements, which follow this section.

FINANCIAL HIGHLIGHTS

SRCA's net assets overall increased from $32,358 to $34,894 or 7.84% from August 31, 2006 to August 31, 2007. The main reason for this change was a decrease in the amount of expenses for the year ended August 31, 2007.

SRCA's intergovernmental revenues for the year ended August 31, 2007 and 2006 were $68,880, respectively. General governmental expenses decreased from $70,932 in 2006 to $66,856 for the year ended August 31, 2007.

OVERVIEW OF THE FINANCIAL STATEMENTS

The financial report consists of three parts: *Management's Discussion and Analysis* (this section), the basic financial statements, and the notes to the financial statements.

The basic financial statements present information for SRCA as a whole, in a format designed to make the statements easier for the reader to understand. The statements in this section include the statement of net assets and the statement of activities.

The statement of net assets presents the assets and liabilities. The difference between total assets and total liabilities is net assets and may provide a useful indicator of whether the financial position of SRCA is improving or deteriorating.

The statement of activities presents information showing how SRCA's assets changed as a result of current year operations. Regardless of when cash is affected, all changes in net assets are reported when the underlying transactions occur. As a result, transactions are recorded that will not affect cash until future periods.

The financial statements provide information about SRCA's overall financial status. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

SRCA's financial statements are prepared on an accrual basis in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to government units. Under this basis of accounting, revenues are recognized in the period in which they are earned and expenses are recognized in the period in which they are incurred. All assets and liabilities associated with the operation of SRCA are included in the statement of net assets.

FINANCIAL ANALYSIS

Net Assets

SRCA's total net assets increased by $2,536, or 7.84% for the year ended August 31, 2007. Total assets decreased 2.82% to $47,327 and total liabilities decreased 23.91% to $12,433.

Changes in Net Assets

The change in net assets for the year ended August 31, 2007 is $2,536. SRCA's total intergovernmental revenues remained at $68,880 and total general government expenses decreased 5.75% to $66,856. The general government expenses are detailed below.

SRCA'S GENERAL GOVERNMENT EXPENSES

	2007	2006
General government expenses:		
Secretary	$ 3,892	$ 4,440
Treasurer	980	940
Water resources investigation	57,242	61,342
Audit fees	3,000	3,000
Other	1,742	1,210
Total	$ 66,856	$ 70,932

CURRENTLY KNOWN FACTS, DECISIONS, OR CONDITIONS

There are currently no known facts, decisions or conditions that are expected to have a significant effect on financial position or results of operations.

CONTACTING SRCA'S FINANCIAL MANAGEMENT

This financial report is designed to provide our legislatures, state officials, the Louisiana Legislative Auditor's Office, patrons and other interested parties with a general overview of SRCA's finances and to demonstrate SRCA's accountability for the money it receives. If you have any questions about this report or need additional financial information, contact Debra Stagner at 409-746-2192.

SABINE RIVER COMPACT ADMINISTRATION

STATEMENTS OF NET ASSETS
August 31, 2007 and 2006

ASSETS	2007	2006
Cash	$ 47,327	$ 48,698
Total assets	$ 47,327	$ 48,698
LIABILITIES		
Accounts payable	$ 12,433	$ 16,340
Total liabilities	12,433	16,340
NET ASSETS		
Unrestricted	34,894	32,358
Total net assets	34,894	32,358
Total liabilities and net assets	$ 47,327	$ 48,698

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

STATEMENTS OF ACTIVITIES
Years Ended August 31, 2007 and 2006

	2007	2006
EXPENSES:		
Governmental activities -		
General government	$(66,856)	$(70,932)
Total governmental activities	(66,856)	(70,932)
GENERAL REVENUES:		
Intergovernmental	68,880	68,880
Interest	512	522
Total general revenues	69,392	69,402
Change in net assets	2,536	(1,530)
Net assets, at beginning	32,358	33,888
Net assets, at ending	$ 34,894	$ 32,358

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

BALANCE SHEETS - GOVERNMENTAL FUND
August 31, 2007 and 2006

ASSETS	2007	2006
Cash	$ 47,327	$ 48,698
Total assets	$ 47,327	$ 48,698
LIABILITIES AND FUND BALANCE		
Accounts payable	$ 12,433	$ 16,340
Fund balance - undesignated	34,894	32,358
Total liabilities and fund balance	$ 47,327	$ 48,698

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

STATEMENTS OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE - GOVERNMENTAL FUND
Years Ended August 31, 2007 and 2006

	2007	2006
Revenues:		
Intergovernmental	$ 68,880	$ 68,880
Interest	512	522
Total revenues	69,392	69,402
Expenditures:		
General government	66,856	70,932
Net change in fund balance	2,536	(1,530)
Fund balance, beginning	32,358	33,888
Fund balance, ending	$ 34,894	$ 32,358

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

BUDGETARY COMPARISON SCHEDULE
GENERAL FUND
For the Year Ended August 31, 2007
With Comparative Actual Amounts for Year Ended August 31, 2006

	2007			
	Original and Final Budget	Actual	Variance With Final Budget - Positive (Negative)	2006 Actual
Revenues:				
Intergovernmental -				
Contributions:				
State of Texas	$ 34,440	$ 34,440	$ -	$ 34,440
State of Louisiana	34,440	34,440	-	34,440
Interest income	-	512	512	522
Total revenues	68,880	69,392	512	69,402
Expenditures:				
General government -				
Maintenance - office of:				
Secretary	3,892	3,892	-	4,440
Treasurer	1,243	980	263	940
Water resources investigation	59,745	57,242	2,503	61,342
Audit fees	3,000	3,000	-	3,000
Other	1,000	1,742	(742)	1,210
Total expenditures	68,880	66,856	2,024	70,932
Net change in fund balance	-0-	2,536	2,536	(1,530)
Fund balance, beginning	32,358	32,358	-	33,888
Fund balance, ending	$ 32,358	$ 34,894	$ 2,536	$ 32,358

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

NOTES TO FINANCIAL STATEMENTS

Note 1. Summary of Significant Accounting Policies

Basis of presentation:

The accompanying financial statements have been prepared in accordance with accounting principles (GAAP) generally accepted in the United States of America as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting principles and financial reporting standards.

This financial report has been prepared in conformity with GASB Statement No. 34, "Basic Financial Statements and Management's Discussion and Analysis for State and Local Government," issued in June 1999.

Reporting entity:

The Sabine River Compact Administration, a component unit of the State of Texas and State of Louisiana, is an entity formed by a compact entered into by the State of Texas and the State of Louisiana on January 26, 1953, under authority granted by an Act of the Congress of the United States approved November 1, 1951, (Public Law No. 252, 82nd Congress, First Session). The Act was amended on October 30, 1992 (Public Law No. 102-575 of the 102 Congress). The objective of the Compact is to provide equitable apportionment of the waters of the Sabine River and its tributaries between the two states. The operation is administered by an Inter-State Administrative Agency composed of two members appointed by the Governor of Texas and two members appointed by the Governor of Louisiana; and one member, as representative of the United States appointed by the President of the United States, which member shall be ex-officio chairman of the Administration without vote and shall not be a domiciliary of or resident in either state.

Measurement focus/basis of accounting:

Government-wide financial statements (GWFS):

The statement of net assets and the statement of activities display information about the reporting government as a whole. These statements include all the financial activities of the Administration.

The GWFS were prepared using the economic resources measurement focus and the accrual basis of accounting. Revenues, expenses, gains, losses, assets and liabilities resulting from exchange or exchange-like transactions are recognized when the exchange occurs (regardless of when cash is received or disbursed). Revenues, expenses, gains, losses, assets and liabilities resulting from nonexchange transactions are recognized in accordance with the requirements of GASB Statement No. 33, "Accounting and Financial Reporting for Nonexchange Transactions."

Fund financial statements:

Governmental funds are accounted for using a current financial resources measurement focus. With this measurement focus, only current assets and current liabilities are generally included on the statement of net assets. The statement of activities reports on the sources (i.e., revenues and other financing sources) and uses (i.e., expenditures and other financing uses) of current financial resources. This approach differs from the manner in which the governmental activities of the GWFS are prepared; however, there are no differences between the GWFS and the fund financial statements as of and for the year ended August 31, 2007.

Fund financial statements report detailed information about the Administration. The focus of governmental fund financial statements is on major funds rather than reporting funds by type. The Administration has only one fund, the General Fund, which by definition is always a major fund.

Governmental funds use the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual (i.e., when they become both measurable and available). Measurable means the amount of the transaction can be determined and available means collectible within the current period or soon enough thereafter to pay liabilities of the current period. Expenditures are recorded when the related fund liability is incurred.

The two major sources of revenues are intergovernmental and interest. Both of these are susceptible to accrual.

Budgets:

Budgets are adopted on a basis consistent with accounting principles generally accepted in the United States of America. An annual appropriated budget is adopted for the General Fund. The budget is prepared by the Sabine River Compact Administration management for formal approval by the Board of Commissioners. Any amendments to the original budget are approved by the Board of Commissioners. Budgeted amounts presented are as originally adopted and as amended. Because the Administration did not amend its budget during the fiscal year, the amounts presented as original and final are the same.

Cash:

Cash consists of amounts in interest bearing deposit accounts.

Note 2. Deposits

The bank balance of deposits was $47,327 and $56,123 at August 31, 2007 and 2006, respectively, which was entirely covered by federal depository insurance. Accordingly, the Administration did not have any custodial credit risk at August 31, 2007 and 2006.

Note 3. Prior Period Adjustment

Accounts payable in the amount of $8,915 was not recorded at August 31, 2006. The effect of the error was to understate accounts payable at August 31, 2006 by $8,915. In addition, the error caused general government expenses/expenditures to be understated and ending net assets/fund balance to be overstated by $8,915, for the year ended August 31, 2006. The error was corrected in 2007. Amounts at August 31, 2006 and for the year then ended as reflected in the accompanying financial statements have been restated.

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John L. Istre, CPA*
Tricia D. Lyons, CPA
Mary T. Miller, CPA
Elizabeth J. Moreau, CPA

Retired:
Sidney L. Broussard, CPA 1925-2005
Leon K. Poché, CPA 1984
James H. Breaux, CPA 1987
Erma R. Walton, CPA 1988
George A. Lewis, CPA* 1992
Geraldine J. Wimberley, CPA* 1995
Lawrence A. Cramer, CPA* 1999
Ralph Friend, CPA* 2002
Donald W. Kelley, CPA* 2005
George J. Trappey, III, CPA* 2007
Terrel P. Dressel, CPA* 2007

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Board of Commissioners
Sabine River Compact Administration
State of Texas and Louisiana

We have audited the basic financial statements of the Sabine River Compact Administration, a component unit of the State of Texas and State of Louisiana, as of and for the year ended August 31, 2007, and have issued our report thereon dated September 18, 2007. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the Administration's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Administration's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Administration's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the Administration's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the Administration's financial statements that is more than inconsequential will not be prevented or detected by the Administration's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the Administration's internal control.

Our consideration of the internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in the internal control that might be significant deficiencies or material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Administration's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

This report is intended for the information of management. However, this report is a matter of public record and its distribution is not limited.

Broussard, Poché, Lewis & Breaux, L.L.P.

Lafayette, Louisiana
September 18, 2007

SABINE RIVER COMPACT ADMINISTRATION

SCHEDULE OF FINDINGS AND RESPONSES
Year Ended August 31, 2007

We have audited the basic financial statements of Sabine River Compact Administration as of and for the year ended August 31, 2007, and have issued our report thereon dated September 18, 2007. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our audit of the basic financial statements as of August 31, 2007 resulted in an unqualified opinion.

Section I - Summary of Auditors' Reports

A. Report on Internal Control and Compliance Material to the Financial Statements

Internal Control
Material Weaknesses ___ Yes _X_ No
Significant Deficiencies ___ Yes _X_ None Reported

Compliance
Compliance Material to Financial Statements ___ Yes _X_ No

Section II - Financial Statement Findings

No matters were reported.

SABINE RIVER COMPACT ADMINISTRATION

SCHEDULE OF PRIOR FINDINGS
For the Year Ended August 31, 2007

Section I. Internal Control and Compliance Material to the Financial Statements

None reported.

Section II. Internal Control and Compliance Material to Federal Awards

Not applicable.

Section III. Management Letter

The prior year's report did not include a management letter.

APPENDIX B

GAGING STATION RECORDS

The data herein presented for discharge gaging stations consists of a description of the station; a summary of the average and extreme flow conditions for the period of record; daily discharges; current and historical monthly summaries; summary statistics for calendar year, water year, and historical periods; and a graph of current water year data. Only daily gage heights (in data and in graph form) are shown for Sabine River at Logansport since it is affected by the backwater in Toledo Bend Reservoir and only daily reservoir storage (in data and graph form) is shown for Toledo Bend Reservoir near Burkeville, Texas.

The gaging-station description shows the present location of the gage, the drainage flow area, the period of record, the type of gage, general remarks affecting flow, the average discharge, and the extremes. The location of the gaging station and the drainage area are obtained from the most accurate maps available. Under "Gage" is given the type of gage currently in use and the datum of this gage. Information pertaining to conditions affecting natural flow at the gaging station is given under "Remarks". Under "Average Discharge" is shown the mean flow for the years indicated. The maximum discharge and gage height, and minimum discharge for key periods are shown under "Extremes".

The data herein presented for water quality stations consists of a description of the station, a summary of certain daily values for the period of record, and water quality data for various sampling intervals. The water quality stations description shows the present location of the gage, the drainage flow area, the period of record, the period of daily record, general remarks affecting flow, extremes for the period of daily record, and extremes outside the period of daily record.

Information concerning revisions to past records; changes in the type, location, and datum of the gages; changes in regulation and diversion; and the methods for determining the extremes are contained in the report. Records for previous water years, for stations or tributary streams, and for quality-of-water data can also be found in the annual series of U.S. Geological Survey reports. These reports can be obtained from the District Chief in the State responsible for the records. Records for the main stem of the Sabine River and the tributary streams in Texas are available from the District Chief, U.S. Geological Survey, 8027 Exchange Drive, Austin, Texas 78754; records for the tributary streams in Louisiana are available from the District Chief, U.S. Geological Survey, 3535 S. Sherwood Forest Boulevard, Suite 120, Baton Rouge, Louisiana 70816.

Data included herein was furnished by the U.S. Geological Survey in accordance with a cooperative agreement with the Sabine River Compact Administration.

Water-Data Report 2007

08022040 Sabine River near Beckville, TX

Sabine Basin
Middle Sabine Subbasin

LOCATION.--Lat 32°19'38", long 94°21'12" referenced to North American Datum of 1927, Panola County, TX, Hydrologic Unit 12010002, on downstream side of highway embankment near right end of downstream bridge on U.S. Highway 59, 0.9 mi upstream from Eightmile Creek, 6.0 mi upstream from Farm Road 1794, 8.4 mi northeast of Beckville, 12.4 mi downstream from State Highway 43 and at mile 327.0.

DRAINAGE AREA.--3,589 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1938 to current year. Prior to Oct. 1978, published as "near Tatum" (station 08022000). Water-quality records: Chemical data: Feb. 1952 to Mar. 1999. Biochemical data: Jan. 1968 to Mar. 1999. Pesticide data: Mar. 1968 to June 1981. Specific conductance: Feb. 1952 to Sept. 1998. Water temperature: Feb. 1952 to Sept. 1998.

GAGE.--Water-stage recorder. Datum of gage is 190.00 ft above NGVD of 1929. Prior to Oct. 1, 1978, at site 12.4 mi upstream at datum 14.18 ft higher. Prior to Sept. 21, 1945, nonrecording gage. Satellite telemeter at station.

REMARKS.--Records fair. Since water year 1961, at least 10% of contributing drainage area has been regulated. There are several diversions above this station and below Lake Tawakoni for municipal, industrial and oil field operations. Low flows are sustained by wastewater effluents that are returned to the river above the station. Flow may also be slightly affected at times by discharge from floodwater retarding structures controlling runoff from 9.70 mi² in the Mill Creek drainage basin.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--22 years (water years 1939-1960) prior to regulation by Lake Tawakoni, 2,663 ft³/s (1,929,000 acre-ft/yr).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of about 2 ft lower than flood of Apr. 4, 1945. These dates and gage heights are based on information for Sabine River near Tatum (station 08022000) and Sabine River at Logansport, LA. (station 08022500).

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS 1939-1960: Maximum discharge, 123,000 ft³/s, Apr. 4, 1945, from rating curve extended above 66,000 ft³/s on basis of partly estimated discharge measurement of 88,900 ft³/s, gage height, 33.80 ft, from graph based on gage readings; minimum observed, 2.4 ft³/s, Aug. 11, 1964.

08022040 Sabine River near Beckville, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	28	118	91	1,300	1,380	683	2,160	782	2,370	5,220	8,620	360
2	29	99	113	1,020	1,270	718	2,130	671	2,740	5,190	8,120	314
3	23	130	117	1,300	1,370	661	2,050	1,210	2,890	5,080	7,370	280
4	21	104	114	1,500	1,310	580	2,350	3,130	3,020	4,960	6,580	309
5	21	83	117	2,350	1,260	539	2,640	3,940	3,080	5,270	5,850	301
6	14	93	110	2,210	1,200	484	2,890	3,910	3,030	7,890	5,120	340
7	13	497	139	1,930	1,120	453	3,200	3,780	2,950	13,300	4,330	402
8	17	438	96	1,880	1,060	486	3,480	3,490	2,880	15,400	3,520	371
9	18	293	80	1,500	991	460	3,710	3,030	2,770	14,700	2,740	717
10	18	286	76	1,260	929	418	3,830	2,900	3,090	13,900	2,120	1,570
11	23	245	88	1,110	871	409	3,390	2,820	3,200	13,200	1,690	2,090
12	15	200	113	873	843	417	2,150	2,300	2,510	12,500	1,400	2,400
13	20	189	166	713	1,520	448	1,270	1,830	1,750	11,900	1,140	2,210
14	26	188	130	3,330	1,990	712	837	1,730	1,770	12,300	1,000	1,710
15	27	144	122	10,400	1,570	779	721	1,390	2,260	13,200	875	1,280
16	37	109	130	8,890	1,310	736	688	1,090	4,380	14,200	802	1,040
17	42	88	127	11,700	1,170	849	692	932	5,460	15,400	777	914
18	87	78	115	11,000	1,040	1,020	661	787	6,130	16,500	687	775
19	78	68	109	9,950	941	1,060	717	635	6,730	17,200	691	629
20	61	63	140	9,220	865	977	704	532	7,090	17,200	660	474
21	59	61	132	9,030	816	856	650	414	7,400	16,700	669	424
22	61	58	189	8,870	758	722	546	377	7,820	16,100	618	337
23	66	56	142	8,510	716	652	467	423	8,180	15,100	578	299
24	61	59	131	8,250	743	616	418	462	8,240	14,100	522	310
25	59	60	264	8,100	892	561	443	539	7,940	13,300	472	258
26	76	58	769	7,920	1,010	521	1,550	887	7,060	12,600	411	235
27	173	53	587	7,620	813	507	1,790	1,860	5,970	11,800	387	240
28	355	63	499	6,940	728	1,480	1,600	2,380	5,310	11,100	388	218
29	240	70	459	4,550	---	2,050	1,430	2,310	5,210	10,400	344	328
30	158	86	886	2,740	---	1,450	1,100	2,020	5,230	9,680	355	274
31	149	---	1,690	1,830	---	1,300	---	2,000	---	9,140	365	---
Total	2,075	4,137	8,041	157,796	30,486	23,604	50,264	54,561	138,460	374,530	69,201	21,409
Mean	66.9	138	259	5,090	1,089	761	1,675	1,760	4,615	12,080	2,232	714
Max	355	497	1,690	11,700	1,990	2,050	3,830	3,940	8,240	17,200	8,620	2,400
Min	13	53	76	713	716	409	418	377	1,750	4,960	344	218
Ac-ft	4,120	8,210	15,950	313,000	60,470	46,820	99,700	108,200	274,600	742,900	137,300	42,460

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2007 [2], BY WATER YEAR (WY)

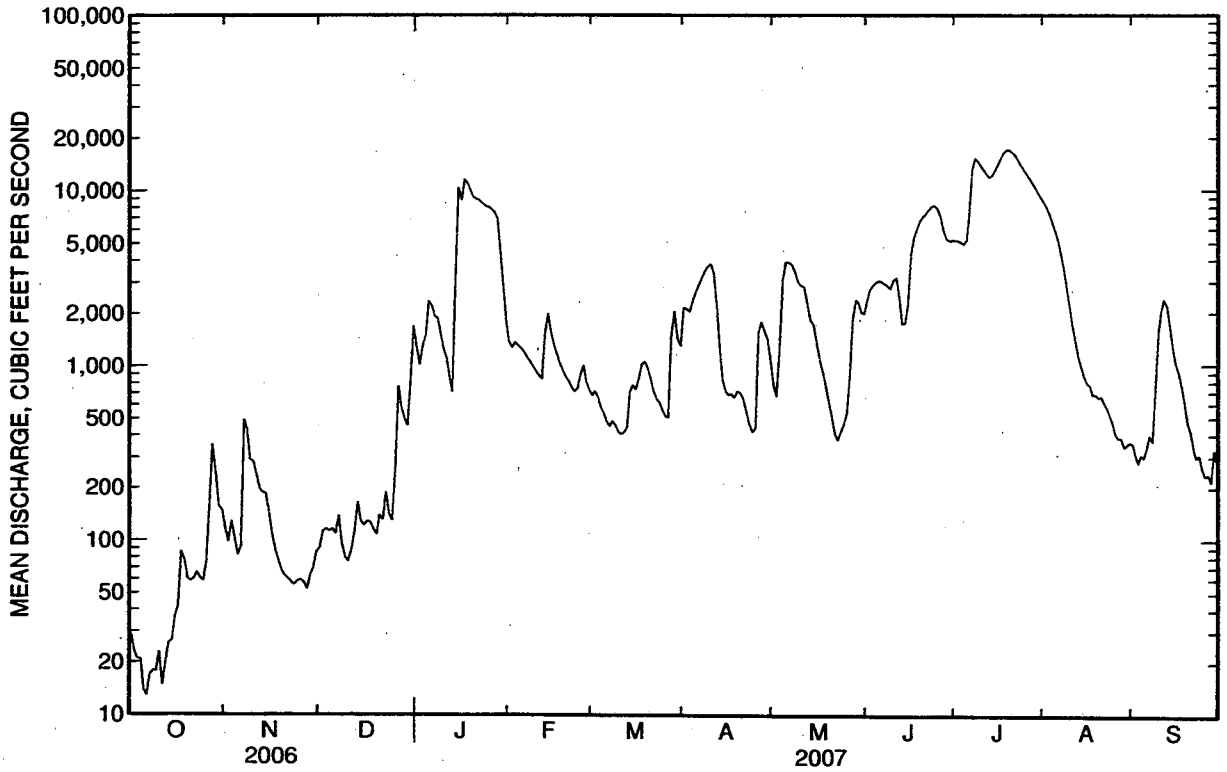
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	648	1,553	3,221	3,530	4,036	4,639	3,807	4,218	2,661	1,192	343	433
Max	4,325	8,221	12,270	10,960	11,930	21,620	11,330	21,010	11,580	12,080	2,232	3,434
(WY)	(1974)	(1975)	(2002)	(1992)	(1975)	(2001)	(1990)	(1966)	(1989)	(2007)	(2007)	(1974)
Min	42.5	82.1	104	239	322	317	355	296	60.4	32.1	36.2	25.1
(WY)	(1964)	(1964)	(2006)	(1964)	(1996)	(1996)	(1971)	(2005)	(2006)	(1964)	(2006)	(2006)

08022040 Sabine River near Beckville, TX—Continued PROVISIONAL

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1961 - 2007 [Z]	
Annual total	138,251.7		934,564			
Annual mean	379		2,560		2,516	
Highest annual mean					5,103	2001
Lowest annual mean					311	1964
Highest daily mean	8,300	Mar 22	17,200	Jul 19	48,100	May 2, 1966
Lowest daily mean	9.7	Aug 15	13	Oct 7	2.4	Aug 11, 1964
Annual seven-day minimum	13	Sep 23	17	Oct 6	3.8	Aug 7, 1964
Maximum peak flow			17,800	Jul 20	49,400	May 2, 1966
Maximum peak stage			28.33	Jul 20	32.87	Mar 30, 1989
Annual runoff (ac-ft)	274,200		1,854,000		1,823,000	
10 percent exceeds	755		8,240		7,520	
50 percent exceeds	98		865		845	
90 percent exceeds	22		77		94	

[Z] Period of regulated streamflow.



Water-Data Report 2007

08022500 Sabine River at Logansport, LA

Sabine Basin
Toledo Bend Reservoir Subbasin

LOCATION.--Lat 31°58′20″, long 94°00′22″ referenced to North American Datum of 1927, Shelby County, TX, Hydrologic Unit 12010004, on left bank just upstream from bridge on U.S. Highway 84, 3.0 mi upstream from Bayou Castor, 111 mi upstream from Toledo Bend Dam and at mile 267.1.

DRAINAGE AREA.--4,842 mi² of which 3 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1903 to Feb. 1968 (daily mean discharge), Mar. 1968 to current year (daily maximum gage height). Water-quality records: Specific conductance: 1939 to 1945. Water temperature: 1939 to 1945.

REVISED RECORDS.--WSP 1312: 1903-06 (monthly and annual means). WSP 1732: 1929(M), 1933(M).

GAGE.--Water-stage recorder. Datum of gage is 147.72 ft above NGVD of 1929. July 1, 1903, to Sept. 30, 1956, nonrecording gages located in the vicinity of present gage. Oct. 1, 1956, to Jan. 16, 1964, water-stage recorder 4,600 ft upstream. Jan. 16, 1964, to Dec. 10, 1968, water-stage recorder 4,700 ft upstream. All gages to present datum except prior to Dec. 31, 1906 when datum was 2.00 ft lower. Satellite telemeter at station.

REMARKS.--Records good. Station discontinued as a daily streamflow station on Mar. 1, 1968, due to backwater from storage in Toledo Bend Reservoir. Since water year 1961, at least 10% of contributing drainage area has been regulated. Flow may also be slightly affected at times by discharge from one floodwater-retarding structure. This structure controls runoff from 9.70 mi² in the Mill Creek drainage basin. Numerous diversions above station for oil field operations, municipal and industrial uses.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--57 years (water years 1904-1960), 3,325 ft³/s (2,407,000 acre-ft/yr).

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--7 years (water years 1961-1967), 2,252 ft³/s (1,632,000 acre-ft/yr).

EXTREMES FOR PERIOD OF RECORD.--WATER YEARS, 1961-1967: Maximum gage height, 34.78 ft Apr. 16. 1991; minimum since initial filling of Toledo Bend Reservoir in June 1968, 16.85 ft, Nov. 9, 1987. Maximum discharge, 46,800 ft³/s May 6, 1966, gage height, 38.46 ft; minimum, 25 ft³/s, Aug. 13, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of 39.4 ft at present site and datum. Stage determined from high-water mark.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS, 1904-1960: Maximum discharge, 92,000 ft³/s Apr. 8, 1945, gage height, 44.07 ft, from floodmark; minimum, 16 ft³/s, Sept. 26-28, Oct. 3, 4, 1939.

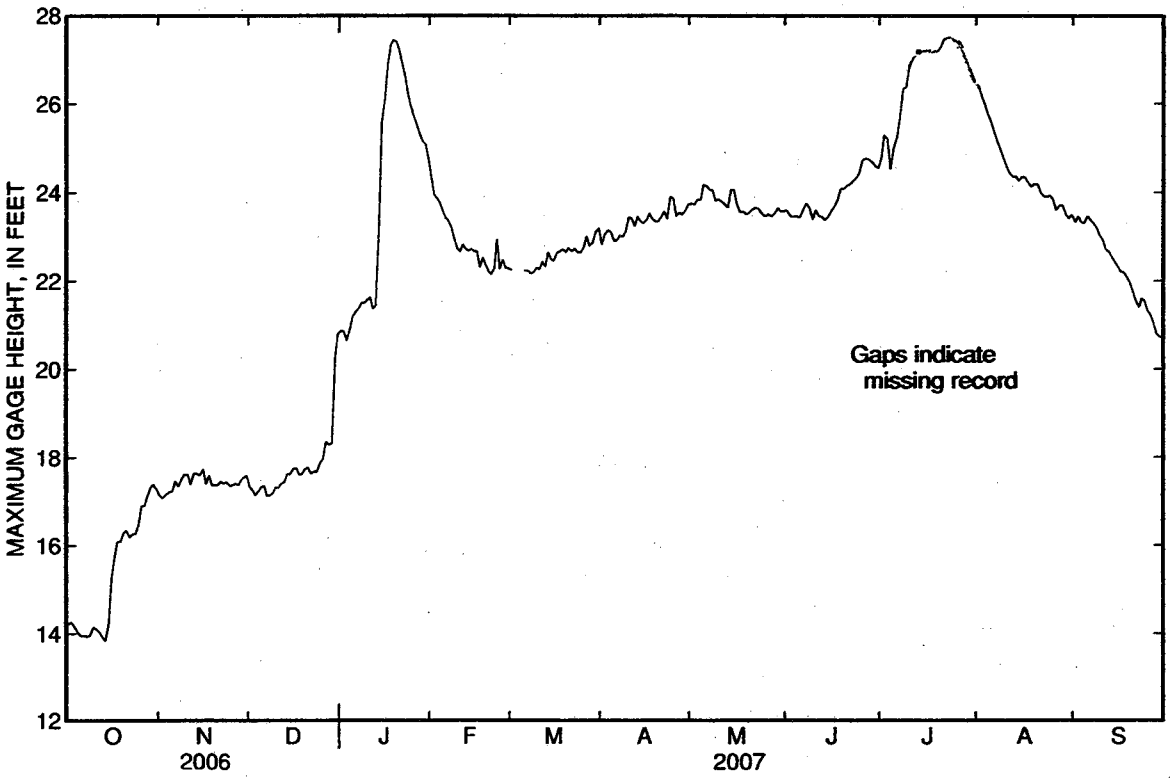
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.57 ft, Jul. 23; minimum gage height 13.53 ft, Oct. 12.

08022500 Sabine River at Logansport, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14.20	17.15	17.34	20.88	24.39	22.26	22.83	23.75	23.59	24.80	26.43	23.33
2	14.23	17.10	17.28	20.87	23.97	---	23.05	23.73	23.46	25.29	26.21	23.46
3	14.27	17.18	17.15	20.67	23.89	---	23.15	23.83	23.45	25.20	26.01	23.33
4	14.17	17.23	17.25	20.90	23.78	---	23.11	23.83	23.46	24.53	25.79	23.31
5	14.04	17.25	17.34	21.21	23.59	---	22.90	24.18	23.43	25.01	25.60	23.46
6	13.96	17.48	17.37	21.32	23.44	22.24	22.92	24.14	23.62	25.24	25.39	23.37
7	13.97	17.36	17.14	21.38	23.36	22.24	23.03	24.05	23.75	25.70	25.18	23.30
8	13.95	17.52	17.15	21.52	23.21	22.17	22.99	24.06	23.65	26.34	24.98	23.19
9	13.97	17.63	17.21	21.52	22.95	22.20	23.11	23.81	23.40	26.38	24.79	23.03
10	14.16	17.62	17.33	21.58	22.75	22.30	23.44	23.85	23.60	26.87	24.59	22.92
11	14.13	17.41	17.33	21.64	22.67	22.27	23.42	23.79	23.47	---	24.44	22.71
12	14.05	17.66	17.42	21.39	22.83	22.44	23.24	23.74	23.45	---	24.36	22.67
13	13.94	17.66	17.46	21.45	22.74	22.33	23.46	23.67	23.37	27.19	24.35	22.56
14	13.85	17.61	17.64	23.24	22.69	22.65	23.35	24.05	23.44	---	24.26	22.44
15	14.25	17.75	17.64	25.60	22.73	22.49	23.31	24.06	23.57	---	24.35	22.33
16	15.29	17.42	17.76	26.12	22.67	22.46	23.38	23.72	23.68	---	24.34	22.21
17	15.72	17.61	17.78	26.86	22.67	22.63	23.53	23.56	23.82	---	24.21	22.19
18	16.10	17.39	17.62	27.36	22.32	22.67	23.41	23.57	24.08	27.21	24.12	22.09
19	16.10	17.40	17.64	27.46	22.53	22.72	23.35	23.51	24.08	27.20	24.20	21.97
20	16.29	17.39	17.75	27.43	22.37	22.65	23.34	23.54	24.15	27.31	24.18	21.76
21	16.36	17.47	17.79	27.25	22.22	22.75	23.44	23.62	24.18	27.47	24.00	21.56
22	16.20	17.43	17.65	26.95	22.16	22.68	23.57	23.66	24.25	27.51	23.91	21.40
23	16.27	17.46	17.69	26.63	22.29	22.74	23.41	23.63	24.32	27.53	23.90	21.60
24	16.29	17.37	17.69	26.24	22.94	22.65	23.91	23.52	24.44	---	23.93	21.56
25	16.51	17.39	17.89	25.95	22.28	22.65	23.87	23.46	24.72	---	23.83	21.33
26	16.91	17.42	17.99	25.73	22.49	22.76	23.47	23.51	24.76	27.44	23.60	21.23
27	16.93	17.39	18.37	25.55	22.30	23.01	23.54	23.46	24.74	27.30	23.70	21.05
28	17.13	17.50	18.30	25.33	22.29	22.80	23.50	23.53	24.69	---	23.70	20.81
29	17.34	17.57	18.33	25.18	---	22.87	23.59	23.65	24.60	---	23.51	20.74
30	17.41	17.60	20.27	25.09	---	23.10	23.73	23.57	24.54	---	23.41	20.73
31	17.29	---	20.80	24.81	---	23.20	---	23.58	---	---	23.49	---
Max	17.41	17.75	20.80	27.46	24.39	---	23.91	24.18	24.76	---	26.43	23.46

08022500 Sabine River at Logansport, LA—Continued PROVISIONAL



08023080 Bayou Grand Cane near Stanley, LA

Sabine Basin
Toledo Bend Reservoir Subbasin

LOCATION.--Lat 31°57'45.2", long 93°56'27.5" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.6, T.11 N., R.15 W., De Soto Parish, LA, Hydrologic Unit 12010004, near center of span on downstream side of bridge on U.S. Highway 84, 2.8 mi upstream from Bayou Castor, 2.9 mi west of Stanley, and 3.2 mi east of Logansport.

DRAINAGE AREA.--72.50 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 172.40 ft above NGVD of 1929.

REMARKS.--Records good above 100 ft³/s, fair between 100 ft³/s and 50 ft³/s, and poor below. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Jan 15	0630	*5,650	*13.28
No other peak greater than base discharge			

Minimum discharge, 0.00 ft³/s, on many days.

08023080 Bayou Grand Cane near Stanley, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.04	0.11	340	23	29	13	12	5.7	3.3	16	0.04
2	0.00	0.01	0.08	48	23	23	12	10	9.0	6.0	15	0.03
3	0.00	0.00	0.05	15	25	20	13	14	9.0	11	12	0.02
4	0.00	0.01	0.05	33	26	18	16	43	8.6	26	11	0.02
5	0.00	0.00	0.04	127	23	17	17	85	10	66	12	0.02
6	0.00	1.9	0.04	101	21	16	14	32	10	195	12	0.02
7	0.00	3.9	0.05	29	20	15	12	17	8.6	435	10	0.02
8	0.00	12	0.04	15	19	15	11	13	6.6	469	8.0	0.02
9	0.00	5.5	0.03	11	18	14	10	14	5.3	102	6.2	0.02
10	0.00	1.7	0.04	8.1	17	14	9.5	12	13	31	5.1	0.02
11	0.00	0.60	0.25	5.9	17	14	9.7	9.3	20	25	4.3	0.02
12	0.00	0.72	5.0	4.3	20	13	10	7.5	14	17	3.4	0.02
13	0.00	0.59	2.1	3.5	176	14	12	5.6	10	16	2.5	0.02
14	0.00	0.28	8.8	1,080	304	16	14	3.8	9.6	185	1.9	0.01
15	0.00	0.12	3.7	4,160	137	26	24	2.0	13	277	1.4	0.01
16	4.1	0.05	1.1	2,370	54	38	24	1.4	37	216	0.92	0.01
17	2.1	0.07	0.52	1,030	35	24	17	20	71	56	1.0	0.01
18	0.00	0.14	0.26	292	27	19	14	14	37	29	1.1	0.00
19	0.00	0.17	0.52	97	23	16	12	9.1	17	20	0.77	0.00
20	0.00	0.16	0.99	66	21	15	11	5.9	13	17	0.63	0.00
21	0.00	0.11	3.0	133	20	14	10	3.4	18	69	0.64	0.00
22	0.00	0.10	1.9	248	20	13	9.4	1.6	39	24	0.53	0.00
23	0.00	0.11	3.3	163	18	13	8.5	0.97	17	17	0.39	0.00
24	0.00	0.12	5.2	69	19	13	8.2	0.71	11	13	0.29	0.00
25	0.07	0.14	9.7	47	202	12	12	0.48	9.6	12	0.22	0.00
26	42	0.15	34	36	229	12	58	0.47	8.0	11	0.17	0.00
27	73	0.15	28	30	87	13	63	1.2	6.3	10	0.13	0.00
28	30	0.15	11	30	41	14	26	0.89	5.3	10	0.11	1.9
29	5.5	0.15	6.2	30	---	17	18	1.3	5.1	11	0.10	15
30	1.3	0.15	208	26	---	16	15	2.3	3.9	15	0.08	9.7
31	0.38	---	349	23	---	14	---	4.7	---	23	0.06	---
Total	158.45	29.29	683.07	10,670.8	1,665	527	503.3	348.62	450.6	2,417.3	127.94	26.93
Mean	5.11	0.98	22.0	344	59.5	17.0	16.8	11.2	15.0	78.0	4.13	0.90
Max	73	12	349	4,160	304	38	63	85	71	469	16	15
Min	0.00	0.00	0.03	3.5	17	12	8.2	0.47	3.9	3.3	0.06	0.00
Ac-ft	314	58	1,350	21,170	3,300	1,050	998	691	894	4,790	254	53
Cfsm	0.07	0.01	0.30	4.75	0.82	0.23	0.23	0.16	0.21	1.08	0.06	0.01
In.	0.08	0.02	0.35	5.48	0.85	0.27	0.26	0.18	0.23	1.24	0.07	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2007, BY WATER YEAR (WY)

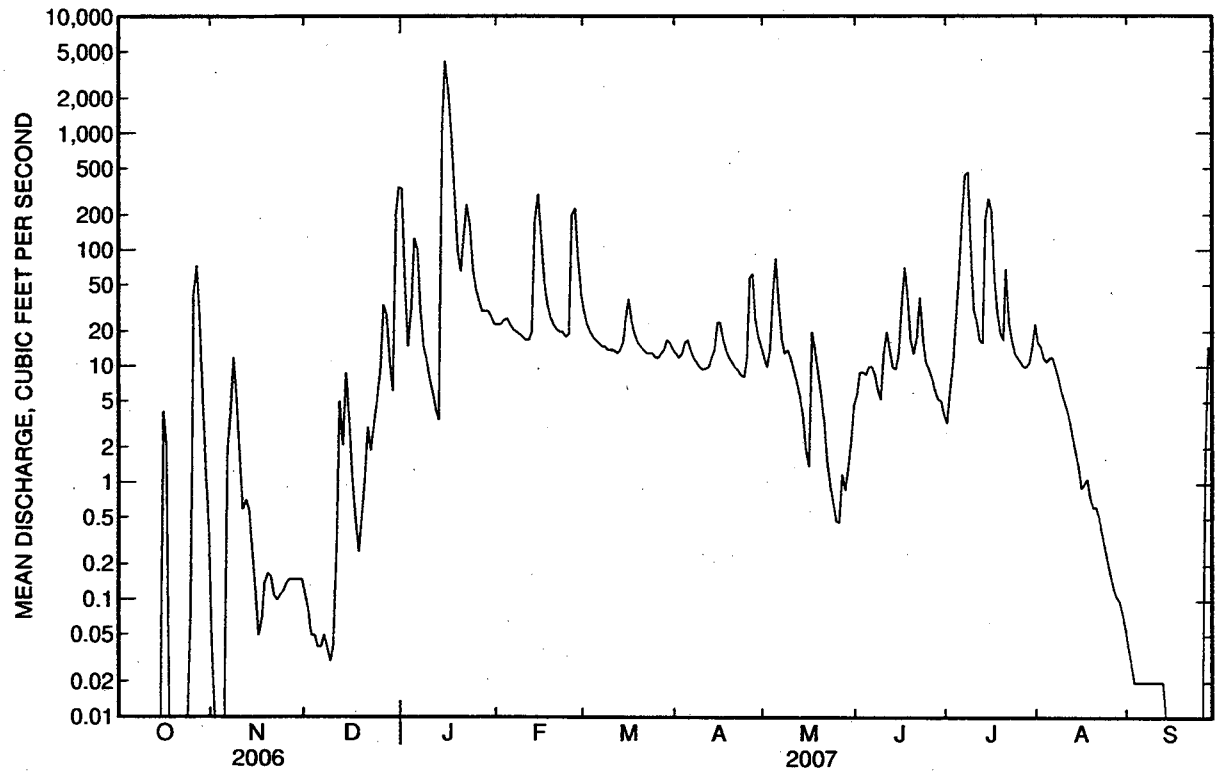
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	19.9	38.7	128	164	215	140	103	82.2	73.6	18.7	6.94	4.55
Max	128	220	463	703	514	555	451	388	433	290	125	50.4
(WY)	(1998)	(1987)	(2002)	(1999)	(1987)	(2001)	(1991)	(1990)	(1989)	(1989)	(1997)	(2001)
Min	0.00	0.00	0.04	0.39	1.94	0.90	0.49	0.04	0.03	0.00	0.00	0.00
(WY)	(1991)	(1996)	(1982)	(1981)	(1996)	(1996)	(1981)	(1996)	(1996)	(1984)	(1985)	(1982)

08023080 Bayou Grand Cane near Stanley, LA—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1981 - 2007	
Annual total	8,314.32		17,608.30			
Annual mean	22.8		48.2		82.2	
Highest annual mean					156	1989
Lowest annual mean					3.90	1996
Highest daily mean	797	Mar 22	4,160	Jan 15	6,230	May 18, 1989
Lowest daily mean	0.00	Jul 10	[a]0.00	Oct 1	[b]0.00	
Annual seven-day minimum	0.00	Jul 10	[a]0.00	Oct 1	[b]0.00	
Maximum peak flow			5,650	Jan 15	9,740	Jan 29, 1999
Maximum peak stage			13.28	Jan 15	15.48	Jan 29, 1999
Instantaneous low flow			[a]0.00	Oct 1		
Annual runoff (ac-ft)	16,490		34,930		59,550	
Annual runoff (cfsm)	0.314		0.665		1.13	
Annual runoff (inches)	4.27		9.03		15.41	
10 percent exceeds	29		57		172	
50 percent exceeds	0.41		10		5.0	
90 percent exceeds	0.00		0.01		0.00	

[a] Many days.
[b] At times most years.



08023080 Bayou Grand Cane near Stanley, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.45	3.41	3.48	8.70	3.92	4.15	3.46	3.43	3.30	3.21	3.67	2.62
2	2.44	3.35	3.46	5.30	3.93	3.94	3.42	3.31	3.47	3.33	3.60	2.60
3	2.43	3.31	3.44	4.27	4.01	3.79	3.49	3.46	3.47	3.62	3.46	2.58
4	2.41	3.33	3.43	4.82	4.04	3.71	3.63	4.58	3.45	4.28	3.37	2.57
5	2.40	3.28	3.42	6.93	3.92	3.65	3.66	5.71	3.55	5.53	3.41	2.56
6	2.38	3.53	3.43	6.46	3.85	3.61	3.53	4.30	3.55	7.28	3.45	2.57
7	2.36	3.75	3.43	4.80	3.80	3.59	3.43	3.74	3.45	9.19	3.33	2.59
8	2.34	4.11	3.42	4.27	3.76	3.55	3.36	3.53	3.35	9.28	3.19	2.58
9	2.33	3.81	3.41	4.07	3.73	3.54	3.30	3.57	3.29	5.98	3.10	2.58
10	2.32	3.66	3.41	3.92	3.69	3.52	3.26	3.54	3.69	4.31	3.04	2.57
11	2.34	3.58	3.47	3.82	3.67	3.51	3.27	3.38	4.04	4.07	3.01	2.57
12	2.33	3.60	3.79	3.76	3.78	3.49	3.29	3.30	3.75	3.73	2.98	2.57
13	2.32	3.58	3.66	3.73	7.36	3.51	3.41	3.23	3.55	3.64	2.94	2.57
14	2.30	3.54	3.96	9.13	8.64	3.60	3.51	3.18	3.51	7.08	2.92	2.56
15	2.29	3.48	3.74	12.65	6.64	4.03	3.98	3.13	3.68	8.53	2.89	2.55
16	3.10	3.44	3.63	11.67	4.94	4.46	3.98	3.11	4.52	7.84	2.85	2.54
17	3.59	3.45	3.58	10.34	4.39	3.99	3.65	4.03	5.63	5.09	2.86	2.52
18	3.23	3.49	3.53	8.11	4.10	3.74	3.51	3.76	4.69	4.23	2.87	2.51
19	3.10	3.51	3.57	5.98	3.96	3.62	3.42	3.48	3.90	3.85	2.84	2.50
20	3.05	3.51	3.62	5.26	3.85	3.56	3.34	3.31	3.72	3.73	2.82	2.48
21	3.02	3.48	3.71	6.66	3.83	3.53	3.29	3.21	3.95	5.43	2.82	2.47
22	2.98	3.47	3.67	8.26	3.81	3.49	3.25	3.14	4.76	4.04	2.81	2.46
23	2.96	3.48	3.72	7.12	3.73	3.47	3.21	3.09	3.92	3.70	2.78	2.48
24	2.93	3.49	3.79	5.34	3.76	3.45	3.19	3.07	3.62	3.52	2.76	2.49
25	3.03	3.50	4.00	4.74	7.67	3.43	3.42	3.04	3.50	3.43	2.74	2.49
26	5.12	3.50	4.95	4.40	8.09	3.42	4.96	3.03	3.42	3.36	2.72	2.48
27	5.93	3.50	4.76	4.20	5.72	3.45	5.17	3.11	3.33	3.32	2.70	2.48
28	4.74	3.50	4.06	4.22	4.56	3.50	4.06	3.09	3.28	3.32	2.69	2.62
29	3.80	3.50	3.83	4.22	---	3.67	3.70	3.11	3.27	3.39	2.68	3.59
30	3.64	3.50	7.64	4.07	---	3.65	3.55	3.17	3.23	3.61	2.67	3.30
31	3.53	---	8.90	3.96	---	3.54	---	3.26	---	3.97	2.65	---
Max	5.93	4.11	8.90	12.65	8.64	4.46	5.17	5.71	5.63	9.28	3.67	3.59
Min	2.29	3.28	3.41	3.73	3.67	3.42	3.19	3.03	3.23	3.21	2.65	2.46

Water-Data Report 2007

08023400 Bayou San Patricio near Benson, LA

Sabine Basin
Toledo Bend Reservoir Subbasin

LOCATION.--Lat 31°52′30″, long 93°39′30″ referenced to North American Datum of 1927, in sec.38, T.10 N., R.13 W., De Soto Parish, LA, Hydrologic Unit 12010004, near right bank on downstream side of bridge on State Highway 512, 2.2 mi east of Benson, and 3.9 mi upstream from Bear Creek.

DRAINAGE AREA.--80.20 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximums, water years, 1954-68. Occasional low-flow measurements, water years 1954-63, October 1977 to current year.

REVISED RECORDS.--WDR LA-80-1: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 208.67 ft above NGVD of 1929. Oct. 29, 1953 to Sept. 30, 1968, crest-stage gage at same site and datum.

REMARKS.--Records good above 50 cfs and fair below, except for estimated record, which is poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Dec 31	0430	2,610	16.51
Jan 15	0430	*3,850	*17.23

Minimum discharge, 0.00 ft³/s, Sept. 24, gage height, 6.49 ft.

08023400 Bayou San Patricio near Benson, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.60	8.2	1.8	511	53	7.7	0.66	2.4	10	2.8	104	1.4
2	3.1	1.9	1.8	163	57	8.7	0.56	0.47	2.6	3.9	48	2.7
3	4.6	1.0	7.2	85	59	6.3	2.2	0.38	6.1	29	36	4.9
4	3.2	18	10	108	54	9.9	2.7	92	2.6	152	28	3.2
5	2.1	34	6.9	286	43	16	1.2	112	1.1	229	36	2.5
6	1.4	39	4.7	238	32	6.2	0.82	30	0.73	244	18	2.3
7	1.1	97	2.6	116	34	2.7	0.87	13	0.62	369	7.2	2.0
8	1.9	62	1.7	85	34	2.8	2.1	23	0.47	390	4.3	1.8
9	4.9	41	1.5	59	32	2.2	0.82	157	0.52	143	2.9	1.5
10	4.6	33	7.6	42	30	2.0	0.57	87	0.42	79	2.4	2.2
11	3.7	41	13	34	30	4.7	0.52	27	0.92	70	2.0	6.4
12	2.8	68	282	29	28	7.2	0.34	5.3	0.75	43	1.9	63
13	1.8	53	311	42	293	3.1	0.22	12	0.66	25	4.5	26
14	5.6	42	110	1,120	303	7.2	153	4.1	0.45	72	3.3	9.1
15	7.1	22	61	3,260	132	73	95	2.1	18	274	2.1	9.2
16	20	3.9	48	2,160	78	48	35	103	149	277	1.9	11
17	56	1.6	35	709	64	35	12	103	132	105	2.2	8.0
18	50	4.0	17	237	56	32	5.6	29	79	68	1.7	1.6
19	25	18	12	139	44	16	3.8	9.9	35	58	1.3	0.41
20	24	18	4.3	112	31	5.8	2.7	12	17	41	1.4	0.16
21	14	7.1	13	252	28	2.7	1.3	3.7	82	172	3.2	0.06
22	11	3.6	52	350	29	1.8	5.0	1.8	142	112	2.3	0.02
23	10	3.3	47	192	17	1.5	2.0	4.4	32	66	1.6	0.01
24	7.4	3.1	40	109	14	1.4	0.60	26	15	40	1.3	0.05
25	2.2	9.4	158	84	30	5.8	0.75	3.9	16	23	1.1	0.05
26	96	14	255	65	40	4.9	60	1.6	9.3	11	0.92	0.02
27	257	19	122	57	23	2.6	45	1.8	3.2	34	1.8	0.03
28	157	9.4	64	109	9.9	2.3	12	3.9	2.2	57	3.9	0.01
29	51	4.1	50	101	---	2.1	11	2.7	1.2	71	2.6	0.01
30	34	2.0	924	66	---	1.4	9.6	1.5	0.79	69	1.8	0.01
31	22	---	1,830	53	---	0.89	---	3.6	---	164	1.5	---
Total	885.10	681.6	4,494.1	10,973	1,677.9	323.89	467.93	879.55	761.63	3,493.7	331.12	159.64
Mean	28.6	22.7	145	354	59.9	10.4	15.6	28.4	25.4	113	10.7	5.32
Max	257	97	1,830	3,260	303	73	153	157	149	390	104	63
Min	0.60	1.0	1.5	29	9.9	0.89	0.22	0.38	0.42	2.8	0.92	0.01
Ac-ft	1,760	1,350	8,910	21,760	3,330	642	928	1,740	1,510	6,930	657	317
Cfsm	0.36	0.28	1.81	4.41	0.75	0.13	0.19	0.35	0.32	1.41	0.13	0.07
In.	0.41	0.32	2.08	5.09	0.78	0.15	0.22	0.41	0.35	1.62	0.15	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2007, BY WATER YEAR (WY)

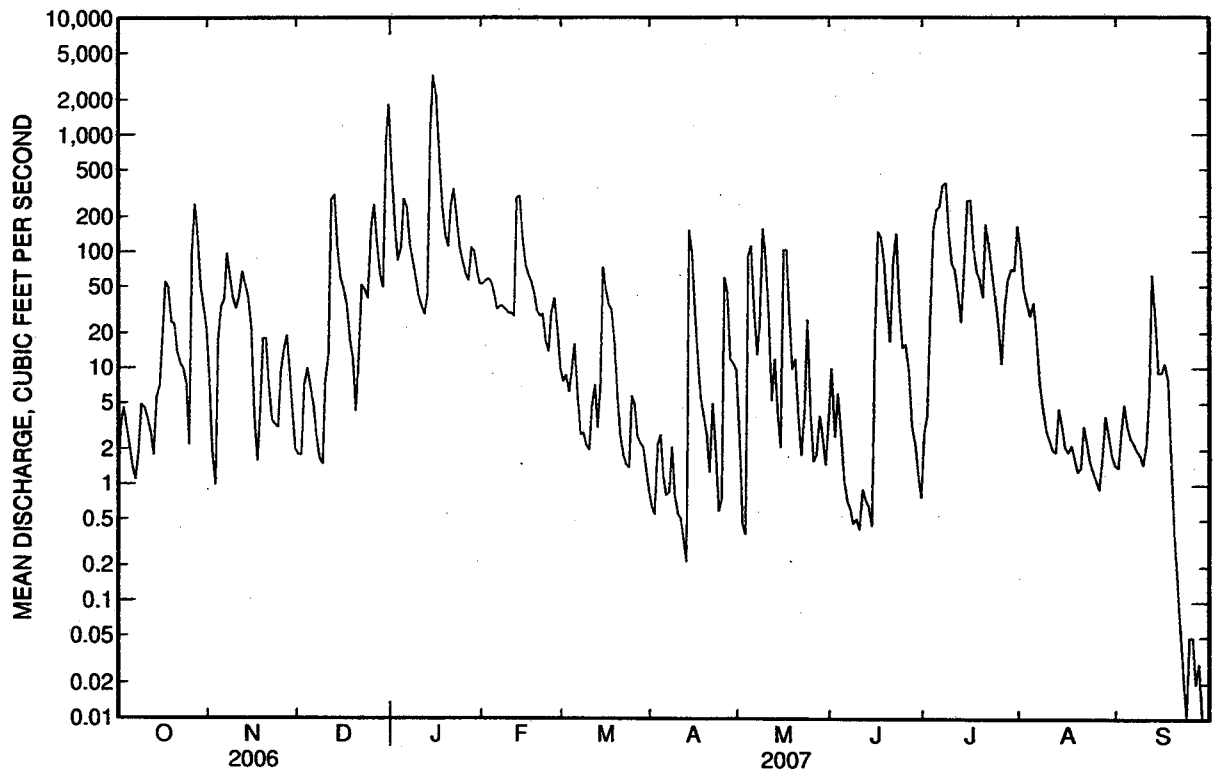
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	15.2	46.9	133	185	220	154	124	96.3	62.8	21.0	7.77	11.1
Max	126	305	498	971	592	595	544	530	574	288	65.8	85.0
(WY)	(1998)	(1987)	(2002)	(1999)	(1983)	(2001)	(1991)	(1983)	(1989)	(1989)	(1996)	(1991)
Min	0.00	0.00	0.00	0.18	1.76	8.84	1.50	0.11	0.00	0.00	0.00	0.00
(WY)	(1981)	(1981)	(1981)	(1981)	(1981)	(1996)	(1981)	(2001)	(1988)	(1978)	(1980)	(1980)

08023400 Bayou San Patricio near Benson, LA—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1978 - 2007	
Annual total	18,114.15		25,129.16			
Annual mean	49.6		68.8		89.1	
Highest annual mean					190	1989
Lowest annual mean					10.6	1981
Highest daily mean	1,830	Dec 31	3,260	Jan 15	10,700	May 18, 1989
Lowest daily mean	0.44	Sep 10	[b]0.01	Sep 23	[a]0.00	
Annual seven-day minimum	1.1	Sep 5	0.03	Sep 23	[a]0.00	
Maximum peak flow			3,850	Jan 15	21,300	Sep 20, 1958
Maximum peak stage			17.23	Jan 15	21.19	May 18, 1989
Instantaneous low flow			0.00	Sep 24	[a]0.00	
Annual runoff (ac-ft)	35,930		49,840		64,550	
Annual runoff (cfsm)	0.619		0.858		1.11	
Annual runoff (inches)	8.40		11.66		15.09	
10 percent exceeds	89		140		177	
50 percent exceeds	7.9		11		7.2	
90 percent exceeds	1.4		0.91		0.00	

[a] At times most years.
[b] Also occurred Sep. 28-30.



08023400 Bayou San Patricio near Benson, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.78	7.47	7.16	14.45	8.89	7.72	7.06	7.35	7.55	7.13	9.66	6.63
2	7.13	7.03	7.17	11.40	9.02	7.77	7.03	6.99	7.13	7.26	8.22	6.80
3	7.29	6.89	7.56	9.77	9.08	7.66	7.25	6.92	7.39	7.91	7.88	6.98
4	7.19	7.70	7.73	10.23	8.93	7.77	7.36	9.68	7.13	11.01	7.70	6.86
5	7.07	8.19	7.60	13.36	8.61	8.01	7.19	10.33	6.92	12.38	7.89	6.79
6	6.98	8.32	7.48	12.65	8.34	7.64	7.11	8.35	6.83	12.56	7.46	6.76
7	6.91	9.89	7.31	10.49	8.39	7.40	7.09	7.91	6.80	13.88	7.11	6.73
8	7.00	8.99	7.22	9.77	8.38	7.41	7.33	8.17	6.75	13.97	6.94	6.70
9	7.32	8.38	7.19	9.08	8.33	7.34	7.10	11.30	6.76	10.48	6.82	6.66
10	7.30	8.17	7.67	8.58	8.29	7.32	7.03	9.83	6.72	9.08	6.78	6.72
11	7.23	8.37	7.85	8.38	8.29	7.50	7.02	8.26	6.88	8.84	6.73	7.05
12	7.14	9.16	13.02	8.26	8.28	7.70	6.94	7.58	6.84	8.09	6.71	8.67
13	7.03	8.73	13.53	8.58	13.29	7.44	6.86	7.86	6.81	7.63	6.96	7.71
14	7.32	8.41	10.32	14.34	13.49	7.61	11.07	7.52	6.74	8.76	6.86	7.30
15	7.43	7.90	9.14	16.90	10.81	9.50	9.99	7.30	7.41	12.88	6.75	7.34
16	7.82	7.22	8.77	16.26	9.60	8.81	8.47	9.96	11.03	12.82	6.71	7.49
17	8.81	7.01	8.41	14.98	9.24	8.46	7.88	9.97	10.69	9.72	6.75	7.40
18	8.64	7.22	8.00	12.62	9.01	8.38	7.62	8.06	9.43	8.80	6.68	6.97
19	7.96	7.80	7.84	10.96	8.68	7.98	7.49	7.56	8.23	8.50	6.63	6.75
20	7.95	7.84	7.49	10.40	8.35	7.62	7.40	7.64	7.76	8.04	6.64	6.65
21	7.69	7.47	7.81	12.69	8.28	7.40	7.20	7.23	9.46	11.09	6.85	6.57
22	7.62	7.26	8.87	13.92	8.29	7.30	7.58	7.04	10.85	9.87	6.76	6.53
23	7.58	7.25	8.73	11.92	8.02	7.24	7.30	7.14	8.16	8.72	6.68	6.50
24	7.43	7.24	8.54	10.34	7.96	7.24	7.03	7.99	7.73	8.00	6.62	6.64
25	7.08	7.60	11.19	9.74	8.34	7.57	7.07	7.24	7.75	7.59	6.57	6.70
26	9.64	7.76	12.98	9.25	8.58	7.55	9.13	7.00	7.51	7.27	6.54	6.61
27	12.95	7.93	10.57	9.02	8.17	7.39	8.72	7.02	7.20	7.89	6.67	6.62
28	11.10	7.64	9.22	10.31	7.81	7.36	7.85	7.26	7.09	8.49	6.91	6.53
29	8.67	7.37	8.80	10.14	---	7.33	7.83	7.15	6.95	8.87	6.80	6.51
30	8.20	7.18	14.63	9.27	---	7.23	7.78	7.00	6.85	8.81	6.70	6.56
31	7.90	---	16.05	8.91	---	7.12	---	7.17	---	10.91	6.66	---
Max	12.95	9.89	16.05	16.90	13.49	9.50	11.07	11.30	11.03	13.97	9.66	8.67
Min	6.78	6.89	7.16	8.26	7.81	7.12	6.86	6.92	6.72	7.13	6.54	6.50

Water-Data Report 2007

08025350 Toledo Bend Reservoir near Burkeville, TX

Sabine Basin
Toledo Bend Reservoir Subbasin

LOCATION.--Lat 31°11'46", long 93°34'19" referenced to North American Datum of 1927, Newton County, TX, Hydrologic Unit 12010004, prior to Sept. 20, 2007, in powerhouse at right end of Toledo Bend Dam on Sabine River, 15 mi northeast of Burkeville and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Sabine River Authority). Prior to July 20, 1967, nonrecording gage at powerhouse 1.6 mi south of present site and at same datum. July 20, 1967, to June 30, 1973, recording gage at same site and datum. July 1, 1973, to Sept. 20, 2007, recording gage at powerhouse 1.6 mi south of present site and at same datum. Satellite telemeter at station.

COOPERATION.--Capacity table furnished by the Sabine River Authority.

REMARKS.--Records good. The reservoir is formed by a rolled earthfill dam. Closure of embankment completed and deliberate impoundment began Oct. 3, 1966. The reservoir is operated for hydro-electric power generation and water conservation. Releases during high inflow periods are controlled by eleven 40 x 28-foot tainter gates. An 8.33 x 12-foot gated conduit through the dam is used for low-flow releases. Two additional 20-inch-diameter conduits, that bypass the larger conduit, may also be used for low-flow releases. Water for turbines is admitted through four 16.75 x 29-foot penstocks and controlled by vertically operated caterpillar-type gates. The dam is owned by the Sabine River Authority. The capacity table is based on U.S. Geological Survey topographic maps. There are many diversions above station for oil field operations and municipal supply. Conservation pool storage is 4,472,900 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	185.0
Design flood	175.3
Top of gates	173.0
Top of power drawdown storage (top of conservation pool)	172.0
Top of power head storage	162.2
Crest of spillway (controlled)	145.0
Lowest gated outlet (invert)	100.0

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 4,840,000 acre-ft, May 18, 1989, elevation, 173.95 ft; minimum since initial filling of reservoir in June 1968, 2,791,000 acre-ft, Oct. 10, 2006, elevation, 161.26 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 4,548,000 acre-ft, July 17, elevation, 172.39 ft; minimum contents, 2,791,000 acre-ft, Oct. 10, elevation, 161.26 ft.

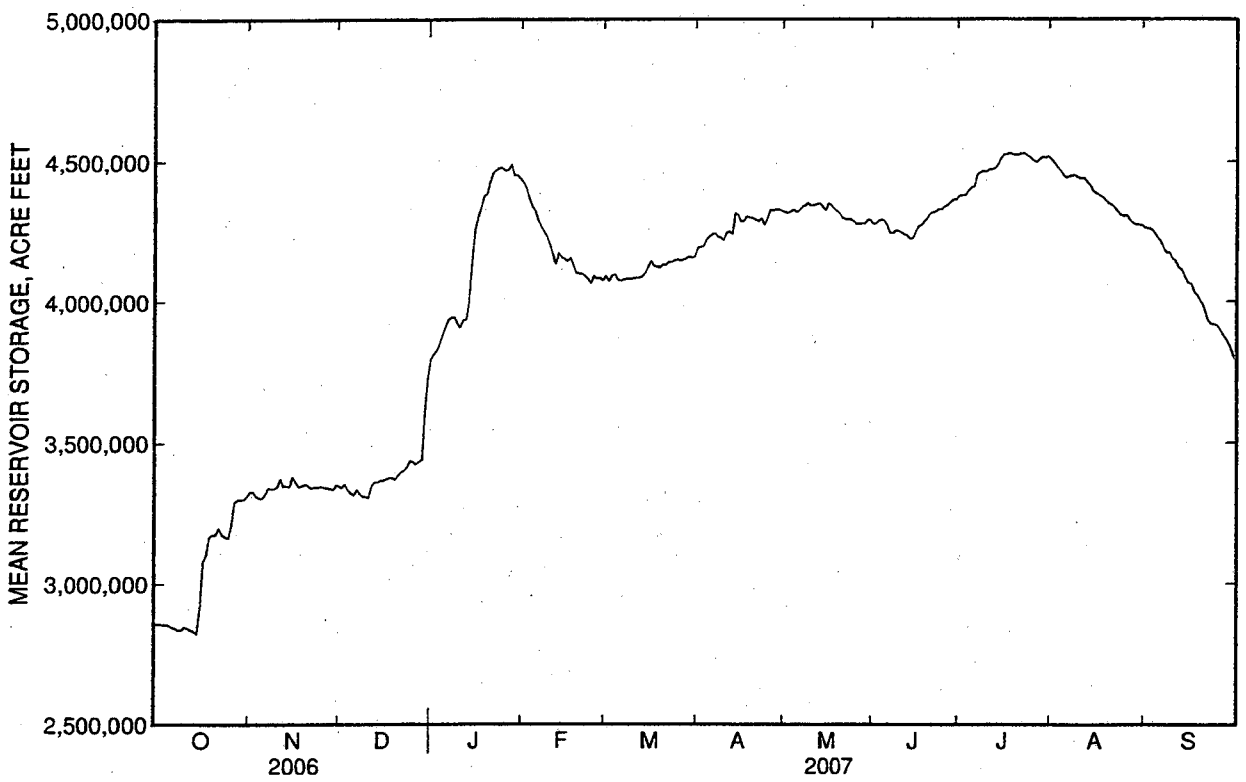
08025350 Toledo Bend Reservoir near Burkeville, TX—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,863,000	3,330,000	3,352,000	3,797,000	4,426,000	4,093,000	4,193,000	4,319,000	4,277,000	4,376,000	4,510,000	4,263,000
2	2,859,000	3,330,000	3,343,000	3,815,000	4,406,000	4,073,000	4,195,000	4,316,000	4,277,000	4,378,000	4,495,000	4,261,000
3	2,860,000	3,316,000	3,357,000	3,830,000	4,370,000	4,095,000	4,198,000	4,321,000	4,289,000	4,377,000	4,479,000	4,260,000
4	2,857,000	3,309,000	3,336,000	3,854,000	4,342,000	4,098,000	4,224,000	4,328,000	4,292,000	4,395,000	4,465,000	4,247,000
5	2,858,000	3,307,000	3,325,000	3,887,000	4,322,000	4,080,000	4,230,000	4,318,000	4,287,000	4,404,000	4,451,000	4,231,000
6	2,856,000	3,323,000	3,318,000	3,914,000	4,290,000	4,077,000	4,239,000	4,325,000	4,270,000	4,408,000	4,439,000	4,219,000
7	2,849,000	3,342,000	3,338,000	3,939,000	4,267,000	4,080,000	4,245,000	4,338,000	4,243,000	4,451,000	4,445,000	4,195,000
8	2,845,000	3,341,000	3,322,000	3,946,000	4,250,000	4,083,000	4,230,000	4,340,000	4,243,000	4,458,000	4,448,000	4,174,000
9	2,838,000	3,340,000	3,313,000	3,947,000	4,233,000	4,083,000	4,228,000	4,351,000	4,251,000	4,464,000	4,448,000	4,176,000
10	2,838,000	3,347,000	3,312,000	3,924,000	4,200,000	4,084,000	4,219,000	4,342,000	4,251,000	4,461,000	4,442,000	4,154,000
11	2,847,000	3,376,000	3,309,000	3,912,000	4,167,000	4,086,000	4,245,000	4,341,000	4,247,000	4,469,000	4,437,000	4,144,000
12	2,845,000	3,350,000	3,349,000	3,936,000	4,135,000	4,086,000	4,250,000	4,346,000	4,239,000	4,470,000	4,440,000	4,122,000
13	2,839,000	3,350,000	3,363,000	3,937,000	4,174,000	4,090,000	4,241,000	4,349,000	4,236,000	4,474,000	4,426,000	4,114,000
14	2,835,000	3,348,000	3,364,000	4,001,000	4,161,000	4,104,000	4,316,000	4,337,000	4,224,000	4,489,000	4,415,000	4,088,000
15	2,824,000	3,384,000	3,369,000	4,152,000	4,154,000	4,123,000	4,308,000	4,324,000	4,226,000	4,509,000	4,393,000	4,068,000
16	2,921,000	3,365,000	3,370,000	4,260,000	4,145,000	4,146,000	4,286,000	4,349,000	4,249,000	4,523,000	4,385,000	4,064,000
17	3,079,000	3,348,000	3,374,000	4,307,000	4,158,000	4,128,000	4,286,000	4,341,000	4,267,000	4,525,000	4,378,000	4,035,000
18	3,106,000	3,351,000	3,378,000	4,341,000	4,131,000	4,125,000	4,303,000	4,330,000	4,271,000	4,529,000	4,372,000	4,023,000
19	3,168,000	3,355,000	3,379,000	4,377,000	4,105,000	4,123,000	4,300,000	4,322,000	4,287,000	4,526,000	4,361,000	4,002,000
20	3,177,000	3,355,000	3,372,000	4,384,000	4,101,000	4,134,000	4,298,000	4,312,000	4,295,000	4,524,000	4,349,000	3,982,000
21	3,177,000	3,343,000	3,386,000	4,425,000	4,100,000	4,133,000	4,292,000	4,299,000	4,310,000	4,524,000	4,344,000	3,940,000
22	3,201,000	3,345,000	3,398,000	4,461,000	4,093,000	4,141,000	4,287,000	4,293,000	4,317,000	4,529,000	4,336,000	3,922,000
23	3,177,000	3,345,000	3,404,000	4,471,000	4,083,000	4,142,000	4,294,000	4,292,000	4,320,000	4,528,000	4,318,000	3,920,000
24	3,171,000	3,347,000	3,417,000	4,478,000	4,066,000	4,148,000	4,273,000	4,292,000	4,329,000	4,521,000	4,308,000	3,918,000
25	3,165,000	3,347,000	3,440,000	4,478,000	4,095,000	4,151,000	4,297,000	4,286,000	4,326,000	4,514,000	4,304,000	3,904,000
26	3,210,000	3,345,000	3,437,000	4,469,000	4,084,000	4,146,000	4,326,000	4,276,000	4,337,000	4,504,000	4,307,000	3,884,000
27	3,291,000	3,342,000	3,427,000	4,472,000	4,085,000	4,149,000	4,324,000	4,278,000	4,342,000	4,498,000	4,290,000	3,866,000
28	3,302,000	3,339,000	3,435,000	4,492,000	4,078,000	4,155,000	4,327,000	4,277,000	4,351,000	4,509,000	4,279,000	3,844,000
29	3,301,000	3,336,000	3,443,000	4,450,000	---	4,161,000	4,328,000	4,278,000	4,362,000	4,515,000	4,274,000	3,814,000
30	3,303,000	3,354,000	3,613,000	4,450,000	---	4,157,000	4,323,000	4,291,000	4,363,000	4,513,000	4,272,000	3,792,000
31	3,313,000	---	3,735,000	4,437,000	---	4,162,000	---	4,290,000	---	4,518,000	4,271,000	---
Mean	3,025,000	3,344,000	3,390,000	4,179,000	4,186,000	4,117,000	4,270,000	4,316,000	4,286,000	4,480,000	4,383,000	4,054,000
Max	3,313,000	3,384,000	3,735,000	4,492,000	4,426,000	4,162,000	4,328,000	4,351,000	4,363,000	4,529,000	4,510,000	4,263,000
Min	2,824,000	3,307,000	3,309,000	3,797,000	4,066,000	4,073,000	4,193,000	4,276,000	4,224,000	4,376,000	4,271,000	3,792,000

	Calendar Year 2006	Water Year 2007
Mean	3,369,000	4,001,000
Max	3,926,000	4,529,000
Min	2,824,000	2,824,000

08025350 Toledo Bend Reservoir near Burkeville, TX—Continued



Water-Data Report 2007

08025360 Sabine River at Toledo Bend Reservoir near Burkeville, TX

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 31°10'25", long 93°33'57" referenced to North American Datum of 1927, Newton County, TX, Hydrologic Unit 12010005, in powerhouse at right end of Toledo Bend Dam, 10 mi upstream from Sabine River near Burkeville gage and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1971 to current year. Water-quality records: Chemical data: Oct. 1967 to Sept. 1986. Biochemical data: Oct. 1967 to Sept. 1986.

GAGE.--Water-stage recorders. Datum of gage is NGVD of 1929 (levels by Sabine River Authority). Satellite telemeter at station.

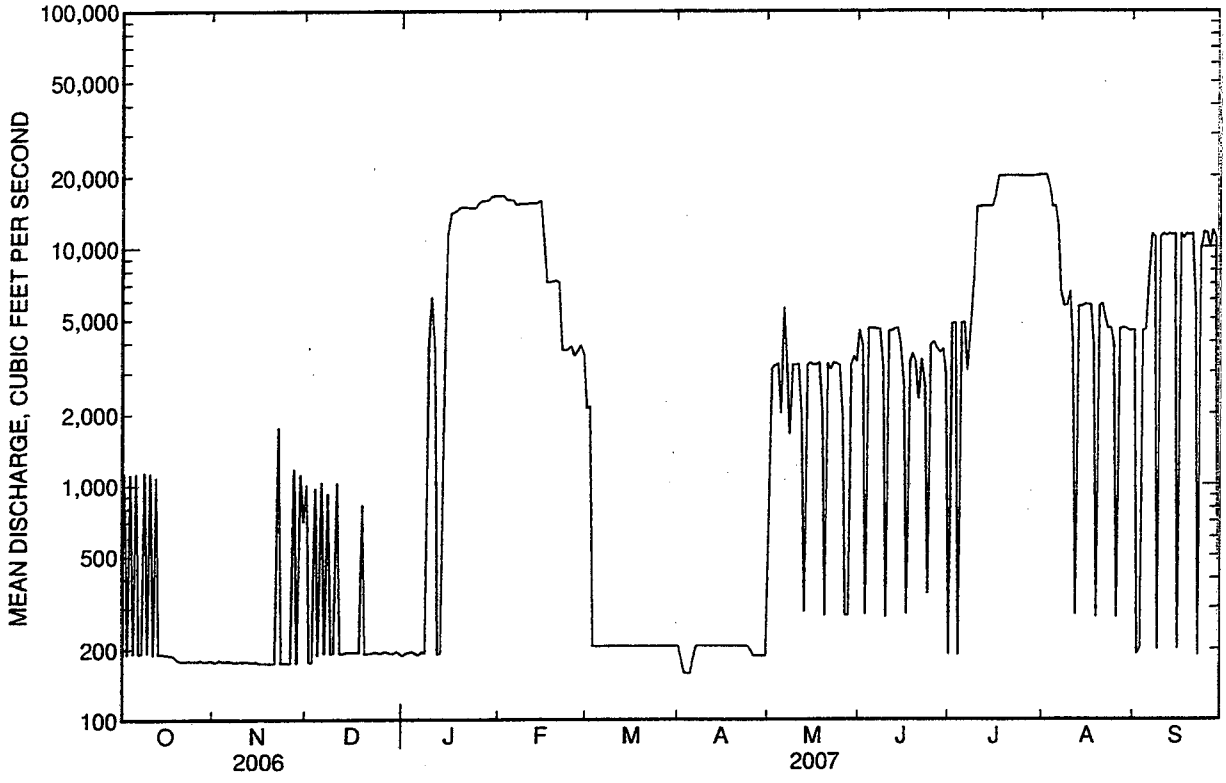
REMARKS.--Records fair. Daily discharges are a combination of releases from various outlets at the dam. Discharges for releases through the turbines are computed using scroll case differential relations and operation logs. Tainter gate releases, low-flow sluiceway releases, bypass gate releases, and turbine leakages are based on discharge measurements and operation logs. Since installation of gage in Oct. 1971, at least 10% of contributing drainage area has been regulated.

08025360 Sabine River at Toledo Bend Reservoir near Burkeville, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	193	179	1,010	189	16,700	2,130	207	778	4,500	190	20,200	4,510
2	1,140	178	178	194	16,700	2,170	182	3,110	3,890	4,780	20,300	190
3	191	181	177	195	16,100	207	158	3,200	282	4,810	18,000	202
4	1,120	179	976	197	16,000	207	158	3,260	4,580	189	14,900	4,470
5	192	179	190	193	16,000	207	158	2,020	4,580	4,810	14,900	4,520
6	1,130	180	1,040	190	15,300	207	182	5,600	4,590	4,830	12,400	7,610
7	193	179	193	196	15,400	207	207	3,260	4,540	3,050	6,530	11,400
8	192	178	930	193	15,400	207	207	1,650	4,550	4,780	5,690	11,100
9	1,150	178	193	3,990	15,400	207	207	3,230	3,190	7,520	5,680	200
10	195	179	193	6,250	15,500	207	207	3,220	275	14,800	6,520	11,100
11	1,140	178	1,030	3,710	15,500	207	207	3,240	4,460	14,800	3,960	11,400
12	191	179	193	191	15,500	207	207	2,020	4,460	14,900	282	11,200
13	1,090	178	192	194	15,600	207	207	291	4,560	14,900	5,630	11,400
14	191	178	195	2,160	15,900	207	207	3,220	4,590	14,900	5,640	11,300
15	193	179	195	11,400	11,200	207	207	3,300	3,940	14,900	5,730	11,400
16	191	176	195	14,100	7,230	207	207	3,220	2,660	16,400	5,740	201
17	191	176	195	14,200	7,180	207	207	3,220	284	20,000	5,720	11,400
18	190	176	195	14,500	7,260	207	207	3,290	3,310	20,000	3,950	10,900
19	189	176	830	14,900	7,320	207	207	2,040	3,580	20,100	275	11,400
20	183	176	192	14,900	7,220	207	207	280	3,320	20,100	5,660	11,300
21	180	176	193	14,900	3,760	207	207	3,260	2,310	20,100	5,810	11,400
22	179	1,770	193	14,800	3,720	207	207	3,080	3,400	20,100	5,050	5,590
23	179	176	196	14,800	3,770	207	207	3,290	2,640	20,100	4,580	188
24	180	176	195	14,800	3,880	207	207	3,260	345	20,100	4,600	9,770
25	179	176	193	15,500	3,540	207	198	3,200	3,880	20,100	3,940	11,600
26	179	176	196	15,900	3,710	207	188	2,000	4,010	20,000	275	11,500
27	179	1,180	196	15,900	3,920	207	188	281	3,760	20,100	4,550	9,980
28	181	176	193	16,000	3,580	207	188	280	3,620	20,000	4,580	11,800
29	178	1,120	193	16,500	---	207	188	3,230	3,750	20,100	4,570	11,000
30	179	703	197	16,600	---	207	188	3,490	2,940	20,200	4,500	189
31	180	---	194	16,600	---	207	---	3,330	---	20,200	4,470	---
Total	11,418	9,391	10,631	274,342	298,290	10,303	5,909	82,150	100,796	441,859	214,632	240,220
Mean	368	313	343	8,850	10,650	332	197	2,650	3,360	14,250	6,924	8,007
Max	1,150	1,770	1,040	16,600	16,700	2,170	207	5,600	4,590	20,200	20,300	11,800
Min	178	176	177	189	3,540	207	158	280	275	189	275	188
Ac-ft	22,650	18,630	21,090	544,200	591,700	20,440	11,720	162,900	199,900	876,400	425,700	476,500

08025360 Sabine River at Toledo Bend Reservoir near Burkeville, TX—Continued



Water-Data Report 2007

08025500 Bayou Toro near Toro, LA

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 31°18′25″, long 93°30′56″ referenced to North American Datum of 1927, in SW ¼ sec.20, T.4 N., R.11 W., Sabine Parish, LA, Hydrologic Unit 12010005, near right bank on downstream side of bridge on state highway 473, 0.2 mi upstream from Hamby Creek, 2.5 mi northeast of Toro, and 7.8 mi west of Hornbeck.

DRAINAGE AREA.--148.00 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1955 to September 1986, October 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 138.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Nonrecording gage at same site and datum read once daily from Dec. 2, 1985 to May 15, 1986 and twice daily May 16, 1986 to Sept. 30, 1986. Prior to Dec. 2, 1985 at site 500 ft downstream at same datum.

REMARKS.--Records good above 10 cfs and fair below, except for periods of estimated record, which are poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,800 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)
Oct 17	0630	*26,200	*25.22
Oct 26	1730	3,000	15.14
Dec 30	2000	14,200	23.51

Minimum discharge, 0.26 ft³/s, Oct. 9, 10, gage height, 2.43 ft.

08025500 Bayou Toro near Toro, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	116	30	2,610	213	63	366	28	47	28	58	6.8
2	1.3	112	28	601	259	68	381	25	31	21	50	7.2
3	1.1	86	27	332	198	67	145	48	23	25	37	8.9
4	0.88	76	25	685	147	55	99	382	29	33	26	7.6
5	0.72	69	25	1,500	125	47	149	227	37	84	20	6.7
6	0.90	239	25	1,100	113	44	98	91	28	200	17	6.7
7	0.56	667	23	453	104	43	59	54	22	291	15	6.3
8	0.35	363	24	306	99	43	46	57	17	157	13	6.0
9	0.29	164	24	224	94	42	40	92	15	170	12	5.6
10	0.42	110	23	178	88	42	38	124	22	151	11	5.5
11	1.7	86	24	153	82	41	41	82	34	65	10	5.4
12	1.2	73	105	139	88	40	39	45	26	38	8.9	6.5
13	1.1	66	119	130	942	41	34	33	24	26	8.0	7.2
14	0.96	61	82	124	754	58	621	29	17	21	7.3	9.3
15	0.92	57	53	472	290	125	616	25	19	22	6.8	10
16	5,730	51	43	1,160	179	120	204	22	53	24	8.0	11
17	17,300	53	37	653	140	77	107	20	59	59	15	8.7
18	e2,100	51	34	336	118	55	78	20	39	55	11	7.1
19	e2,560	44	29	391	102	46	65	19	46	31	26	6.1
20	e1,650	40	32	406	95	41	55	17	42	22	18	5.5
21	e1,160	37	32	799	93	39	46	16	26	18	13	5.0
22	384	36	79	922	89	36	39	18	37	16	9.9	4.6
23	214	35	121	426	80	35	35	42	30	14	8.2	5.5
24	144	34	88	290	76	33	33	36	21	12	7.4	5.3
25	114	34	439	240	82	32	35	28	16	9.9	7.0	5.1
26	1,620	33	510	189	89	30	78	25	14	11	6.7	5.4
27	2,490	32	216	178	75	36	91	20	12	11	6.4	5.2
28	1,910	29	118	406	65	49	60	17	11	42	6.1	5.5
29	462	32	116	359	---	47	41	19	11	414	6.3	5.6
30	213	31	10,000	225	---	37	33	30	11	263	6.5	6.6
31	155	---	8,370	198	---	51	---	51	---	107	6.9	---
Total	38,219.90	2,917	20,901	16,185	4,879	1,583	3,772	1,742	819	2,440.9	462.4	197.9
Mean	1,233	97.2	674	522	174	51.1	126	56.2	27.3	78.7	14.9	6.60
Max	17,300	667	10,000	2,610	942	125	621	382	59	414	58	11
Min	0.29	29	23	124	65	30	33	16	11	9.9	6.1	4.6
Ac-ft	75,810	5,790	41,460	32,100	9,680	3,140	7,480	3,460	1,620	4,840	917	393
Cfsm	8.33	0.66	4.56	3.53	1.18	0.35	0.85	0.38	0.18	0.53	0.10	0.04
In.	9.61	0.73	5.25	4.07	1.23	0.40	0.95	0.44	0.21	0.61	0.12	0.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2007, BY WATER YEAR (WY)

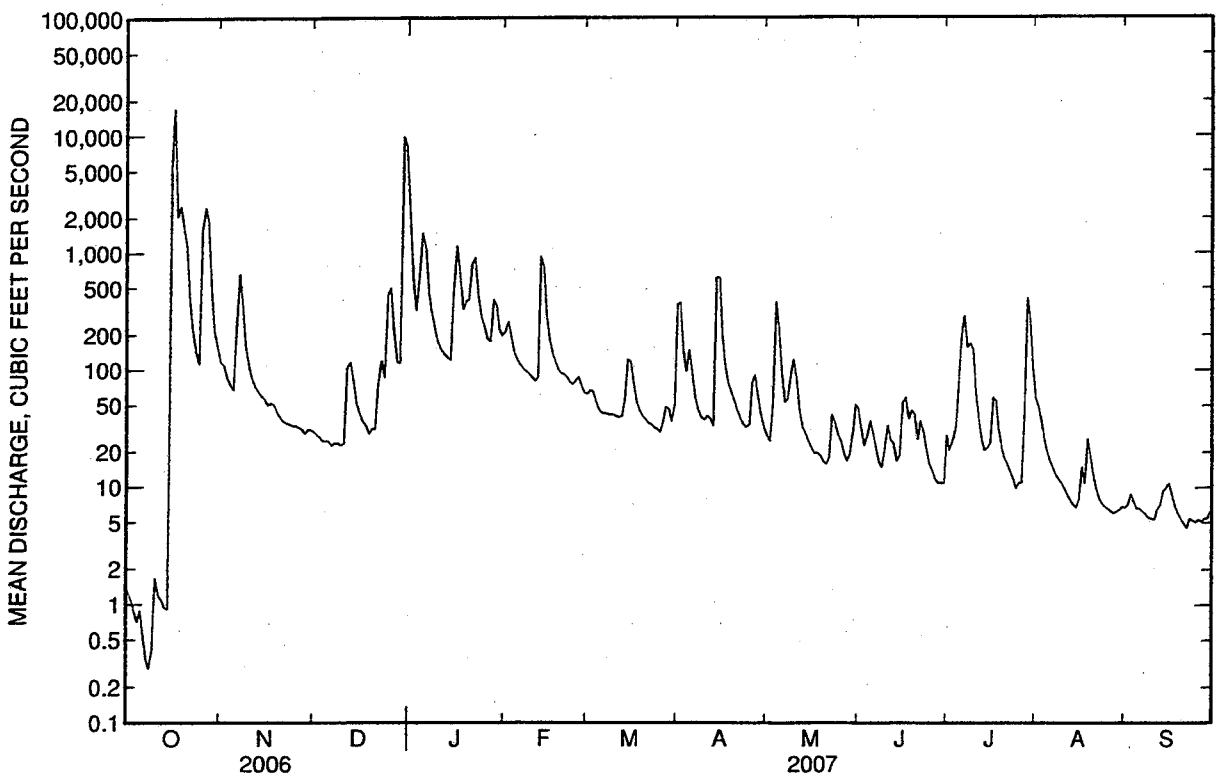
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	72.3	119	209	305	330	263	231	185	104	57.2	25.5	47.3
Max	1,233	663	1,166	1,228	1,117	789	1,354	1,223	1,202	886	198	928
(WY)	(2007)	(2002)	(1983)	(1999)	(1975)	(1961)	(1968)	(1975)	(1989)	(1989)	(1958)	(1961)
Min	1.70	5.12	7.96	11.5	10.5	18.0	13.1	9.33	4.14	2.62	0.92	0.76
(WY)	(1964)	(1982)	(1982)	(2000)	(2000)	(1996)	(1981)	(1963)	(1971)	(1956)	(1956)	(1956)

08025500 Bayou Toro near Toro, LA—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1956 - 2007	
Annual total	84,799.23		94,119.10			
Annual mean	232		258		162	
Highest annual mean					409	1975
Lowest annual mean					23.2	1996
Highest daily mean	17,300	Oct 17	17,300	Oct 17	21,600	Apr 9, 1968
Lowest daily mean	0.29	Oct 9	0.29	Oct 9	0.10	Sep 29, 1956
Annual seven-day minimum	0.59	Oct 4	0.59	Oct 4	0.13	Sep 27, 1956
Maximum peak flow			26,200	Oct 17	31,200	Apr 9, 1968
Maximum peak stage			25.22	Oct 17	25.73	Apr 9, 1968
Instantaneous low flow			[a]0.26	Oct 9	[b]0.10	Sep 29, 1956
Annual runoff (ac-ft)	168,200		186,700		117,000	
Annual runoff (cfsm)	1.57		1.74		1.09	
Annual runoff (inches)	21.31		23.66		14.83	
10 percent exceeds	230		383		300	
50 percent exceeds	24		41		33	
90 percent exceeds	1.9		6.6		5.7	

[a] Also occurred Oct. 10.
[b] Also occurred Sep. 30,Oct. 1, 1956.



08025500 Bayou Toro near Toro, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.57	4.79	3.70	13.89	5.33	4.05	6.13	3.35	3.68	3.33	3.85	2.74
2	2.55	4.74	3.66	7.23	5.59	4.11	6.20	3.30	3.42	3.20	3.72	2.76
3	2.54	4.48	3.63	5.97	5.24	4.10	4.86	3.54	3.26	3.29	3.52	2.83
4	2.52	4.37	3.60	7.49	4.89	3.94	4.45	6.08	3.38	3.44	3.32	2.78
5	2.50	4.29	3.60	10.86	4.71	3.83	4.90	5.23	3.52	4.14	3.18	2.75
6	2.55	5.37	3.60	9.35	4.60	3.78	4.45	4.24	3.35	5.05	3.10	2.75
7	2.49	7.73	3.55	6.56	4.52	3.76	4.00	3.78	3.23	5.62	3.03	2.73
8	2.45	6.27	3.58	5.84	4.47	3.76	3.82	3.79	3.10	4.81	2.97	2.72
9	2.44	5.17	3.56	5.40	4.41	3.75	3.72	4.23	3.02	4.89	2.94	2.70
10	2.48	4.73	3.55	5.11	4.34	3.74	3.68	4.44	3.16	4.75	2.91	2.69
11	2.69	4.49	3.57	4.93	4.28	3.73	3.72	4.13	3.47	3.93	2.86	2.68
12	2.63	4.33	4.65	4.83	4.32	3.71	3.70	3.65	3.31	3.54	2.82	2.75
13	2.62	4.25	4.82	4.76	8.72	3.73	3.61	3.45	3.25	3.31	2.78	2.78
14	2.61	4.18	4.43	4.70	7.92	3.97	7.03	3.38	3.09	3.21	2.75	2.87
15	2.60	4.13	4.07	6.49	5.75	4.71	7.18	3.29	3.14	3.21	2.73	2.90
16	11.98	4.04	3.92	9.62	5.12	4.66	5.11	3.21	3.74	3.26	2.77	2.93
17	23.70	4.07	3.83	7.47	4.84	4.22	4.40	3.17	3.82	3.82	3.01	2.85
18	17.09	4.04	3.77	5.99	4.65	3.94	4.09	3.18	3.56	3.79	2.90	2.78
19	16.34	3.94	3.68	6.26	4.49	3.82	3.93	3.14	3.66	3.41	3.29	2.74
20	14.73	3.88	3.73	6.33	4.42	3.74	3.80	3.10	3.58	3.23	3.12	2.71
21	11.94	3.82	3.74	8.09	4.41	3.69	3.67	3.06	3.32	3.13	2.95	2.68
22	6.38	3.81	4.39	8.64	4.35	3.65	3.56	3.11	3.52	3.06	2.85	2.65
23	5.49	3.79	4.83	6.43	4.25	3.62	3.50	3.60	3.39	3.01	2.80	2.71
24	5.02	3.78	4.50	5.75	4.20	3.59	3.45	3.51	3.20	2.92	2.76	2.70
25	4.77	3.77	6.64	5.49	4.28	3.57	3.48	3.36	3.06	2.85	2.74	2.69
26	10.51	3.75	6.99	5.18	4.35	3.55	4.08	3.28	2.99	2.89	2.73	2.71
27	13.86	3.73	5.49	5.10	4.19	3.65	4.24	3.18	2.95	2.90	2.72	2.70
28	12.23	3.67	4.81	6.33	4.07	3.86	3.87	3.10	2.91	3.44	2.70	2.72
29	6.74	3.74	4.67	6.10	---	3.82	3.59	3.14	2.89	6.23	2.71	2.73
30	5.49	3.71	21.39	5.40	---	3.67	3.45	3.39	2.90	5.46	2.73	2.78
31	5.11	---	21.05	5.24	---	3.82	---	3.75	---	4.38	2.75	---
Max	23.70	7.73	21.39	13.89	8.72	4.71	7.18	6.08	3.82	6.23	3.85	2.93
Min	2.44	3.67	3.55	4.70	4.07	3.55	3.45	3.06	2.89	2.85	2.70	2.65

Water-Data Report 2007

08026000 Sabine River near Burkeville, TX

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 31°03'50", long 93°31'10" referenced to North American Datum of 1927, Newton County, TX, Hydrologic Unit 12010005, near left edge of low-water channel on downstream side of bridge on State Highway 63, about 200 ft downstream from Pearl Creek, 10 mi northeast of Burkeville, 16 mi downstream from Bayou Toro and at mile 139.7.

DRAINAGE AREA.--7,482 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Sept. 1955 to current year. Published as "below Toledo Bend near Burkeville" for period 1955-75. Water-quality records: Chemical data: May 1968 to Sept. 1986. Biochemical data: May 1968 to Sept. 1986. Pesticide data: Oct. 1972 to Sept. 1981.

REVISED RECORDS.--WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 60.59 ft above NGVD of 1929. Prior to Aug. 23, 1958, nonrecording gage at current site. Prior to Jan. 1, 1989, at present site at datum 10.00 ft higher. Satellite telemeter at station.

REMARKS.--Records good, except those for estimated daily discharge which are poor. Since water year 1961, at least 10% of contributing drainage area has been regulated.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--5 years (water years 1956-1960) 5,180 ft³/s (3,749,000 acre-ft/yr).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1860: Flood in May 1884 reached a stage of 45.9 ft, current datum, from information by local resident. Flood of Apr. 15, 1945, reached a stage of 45.8 ft, current datum. Flood of May 23, 1953, reached a stage of 45.3 ft, current datum, from floodmarks.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS 1956-1960: Maximum discharge, 52,900 ft³/s, May 15, 1957, gage height, 32.43 ft; minimum, 60 ft³/s, Sept. 26-30, 1956.

08026000 Sabine River near Burkeville, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	213	663	1,680	8,710	15,500	3,750	1,050	621	3,740	1,660	19,100	3,850
2	580	579	441	2,920	15,600	2,410	1,160	1,560	4,180	2,470	19,100	1,880
3	701	540	301	1,210	15,200	828	796	3,110	2,240	4,330	18,300	379
4	525	513	1,040	1,350	15,000	587	578	3,770	2,050	2,200	14,200	2,290
5	758	505	442	2,930	15,100	565	501	3,150	4,050	2,540	13,500	3,780
6	644	580	1,120	2,320	14,300	549	502	3,420	3,980	4,530	13,200	4,250
7	630	1,190	442	1,540	14,200	539	464	4,810	3,880	3,740	5,790	9,080
8	e200	e1,220	1,060	1,000	14,200	531	458	2,700	3,860	3,960	5,090	9,550
9	e550	e650	435	2,440	14,200	522	447	2,500	3,330	4,780	5,020	4,570
10	724	545	315	6,630	14,300	516	452	3,280	1,680	12,600	4,960	5,530
11	654	473	1,100	6,170	14,300	504	431	3,320	1,820	13,300	4,080	9,500
12	1,060	439	805	1,360	14,400	506	416	2,790	3,810	13,300	1,900	9,650
13	e1,200	417	648	668	16,500	519	394	1,470	3,910	13,300	2,960	9,840
14	622	406	488	1,070	16,200	645	604	1,580	3,910	13,300	4,840	9,860
15	215	378	419	8,550	13,700	822	1,240	3,180	3,850	13,800	4,870	9,840
16	946	356	378	14,800	8,000	727	861	3,220	3,090	14,400	4,980	4,670
17	e6,000	355	361	15,000	7,330	629	595	3,170	1,550	18,100	4,970	5,740
18	e18,000	351	346	14,400	7,310	554	547	3,190	1,650	18,800	4,130	9,370
19	11,500	345	835	14,200	7,280	513	490	2,700	2,950	18,900	1,870	9,790
20	7,090	335	529	14,200	7,290	499	447	1,430	3,000	18,900	2,960	9,860
21	3,590	332	371	14,800	6,190	486	416	1,560	2,330	18,900	4,860	9,880
22	1,940	668	491	15,100	2,850	481	398	3,030	2,450	18,800	4,460	6,970
23	941	1,410	503	14,600	3,910	472	387	3,130	2,390	18,900	4,240	2,410
24	734	355	502	14,100	3,910	467	371	3,240	1,300	18,800	3,880	4,400
25	632	328	890	14,300	3,750	464	543	3,200	1,680	18,800	3,490	9,570
26	1,980	323	1,100	14,800	3,920	457	785	2,660	3,260	18,900	1,770	9,900
27	5,390	569	851	14,900	3,990	493	525	1,410	3,310	18,900	2,350	8,740
28	3,470	954	599	15,200	3,910	652	454	420	3,160	19,100	3,800	9,850
29	2,080	590	572	15,500	---	548	405	1,540	3,190	19,400	3,840	9,330
30	987	965	15,300	15,500	---	491	369	3,230	2,880	19,600	3,810	4,640
31	775	---	16,200	15,400	---	506	---	3,300	---	19,300	3,860	---
Total	75,331	17,334	50,564	285,668	292,340	22,232	17,086	81,691	88,480	408,310	196,180	208,969
Mean	2,430	578	1,631	9,215	10,440	717	570	2,635	2,949	13,170	6,328	6,966
Max	18,000	1,410	16,200	15,500	16,500	3,750	1,240	4,810	4,180	19,600	19,100	9,900
Min	200	323	301	668	2,850	457	369	420	1,300	1,660	1,770	379
Ac-ft	149,400	34,380	100,300	566,600	579,900	44,100	33,890	162,000	175,500	809,900	389,100	414,500

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2007 [Z], BY WATER YEAR (WY)

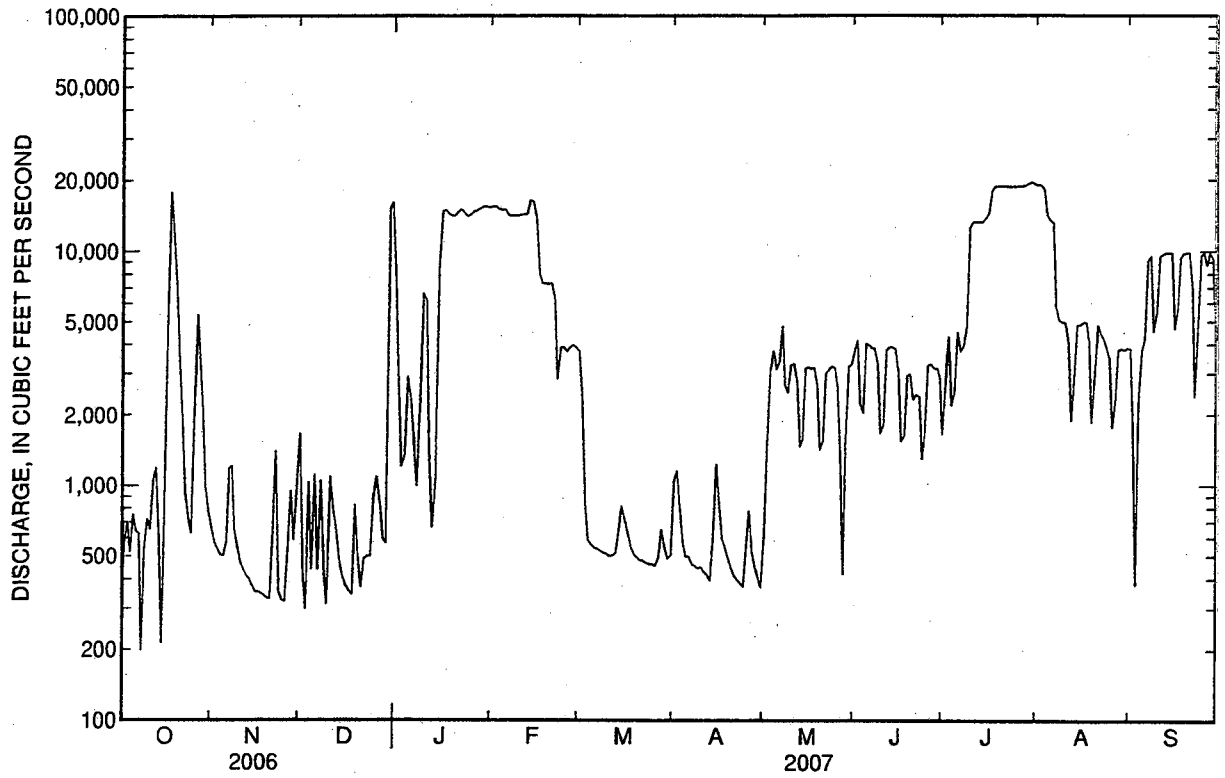
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,238	2,115	5,595	8,266	9,339	10,250	7,723	7,430	5,157	4,280	3,236	2,960
Max	6,846	12,880	17,990	28,510	27,320	45,040	26,530	32,070	25,310	23,750	6,662	11,660
(WY)	(1992)	(1995)	(1962)	(1974)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(1976)	(2001)
Min	82.5	86.2	247	484	266	485	231	471	400	166	91.7	77.6
(WY)	(1968)	(1968)	(1968)	(1968)	(1968)	(1968)	(1971)	(1967)	(1970)	(1964)	(1967)	(1967)

08026000 Sabine River near Burkeville, TX—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1961 - 2007 [z]	
Annual total	700,794		1,744,185			
Annual mean	1,920		4,779		5,617	
Highest annual mean					11,190	1995
Lowest annual mean					548	1967
Highest daily mean	18,000	Oct 18	19,600	Jul 30	117,000	Feb 1, 1999
Lowest daily mean	200	Oct 8	200	Oct 8	38	Sep 14, 1967
Annual seven-day minimum	350	Nov 15	350	Nov 15	41	Sep 9, 1967
Maximum peak flow			19,700	Jul 30	124,000	Feb 1, 1999
Maximum peak stage			28.33	Jul 30	48.05	Feb 1, 1999
Annual runoff (ac-ft)	1,390,000		3,460,000		4,069,000	
10 percent exceeds	4,790		14,800		15,300	
50 percent exceeds	922		2,470		2,750	
90 percent exceeds	354		442		287	

[z] Period of regulated streamflow.



Water-Data Report 2007

08028000 Bayou Anacoco near Rosepine, LA

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 30°57′10″, long 93°21′10″ referenced to North American Datum of 1927, in sec.25, T.1 S., R.10 W., Vernon Parish, LA, Hydrologic Unit 12010005, near center of span on downstream side of bridge on parish road from Rosepine to Evans, just downstream from Pocosin Creek, and 4.8 mi northwest of Rosepine.

DRAINAGE AREA.--365.00 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 2122: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 118.09 ft above NGVD of 1929. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good above 10 ft³/s and fair below. Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Vernon Lake (usable capacity, 580,000 acre-ft) since May 1963. Effected by occasional regulation July to September in most years caused by temporary lowering of the reservoirs upstream.

08028000 Bayou Anacoco near Rosepine, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21	1,460	70	6,220	1,160	280	1,310	272	95	52	594	39
2	20	1,360	68	4,600	1,430	267	2,080	212	82	63	393	46
3	19	1,260	69	2,260	1,060	232	1,020	176	69	292	306	42
4	18	1,190	69	1,840	766	208	643	327	226	481	229	33
5	18	1,170	68	3,190	620	179	508	674	297	483	174	29
6	16	1,230	61	3,290	527	157	391	562	168	656	135	27
7	15	1,590	60	2,730	460	144	330	442	108	906	108	26
8	15	1,540	71	1,900	419	138	291	350	77	567	89	25
9	14	1,340	72	1,510	390	133	272	369	64	455	74	24
10	16	1,230	56	1,320	359	123	240	371	62	347	65	23
11	45	1,180	56	1,220	320	120	260	294	74	277	59	23
12	50	1,150	102	1,150	308	137	223	229	75	220	52	24
13	32	1,100	147	758	1,360	189	193	190	95	177	47	365
14	24	1,080	120	525	1,900	350	453	158	76	155	39	964
15	20	1,070	111	502	1,880	908	797	224	118	186	34	687
16	948	961	103	876	1,550	953	637	145	471	696	31	595
17	3,820	698	96	767	1,130	699	486	120	292	784	54	593
18	5,050	320	93	564	855	508	404	97	184	693	142	478
19	9,570	146	89	563	668	402	360	73	336	507	119	406
20	8,630	115	92	551	545	326	297	59	350	381	76	388
21	7,690	100	141	769	485	280	244	48	159	298	56	129
22	5,440	91	255	1,090	431	239	195	43	121	228	46	49
23	4,010	85	354	813	386	210	161	42	99	173	39	41
24	2,350	80	303	647	346	184	141	44	90	131	32	37
25	1,520	76	523	581	355	166	423	42	80	101	28	34
26	1,830	72	651	508	370	149	1,980	40	84	80	27	36
27	3,750	69	475	531	337	133	1,310	42	83	69	26	36
28	4,440	67	339	1,020	299	140	710	55	73	88	29	32
29	4,280	70	277	1,040	---	172	484	67	64	276	38	28
30	2,820	71	3,320	812	---	194	359	116	56	467	60	27
31	1,680	---	6,120	735	---	215	---	95	---	395	56	---
Total	68,171	21,971	14,431	44,882	20,716	8,535	17,202	5,978	4,228	10,684	3,257	5,286
Mean	2,199	732	466	1,448	740	275	573	193	141	345	105	176
Max	9,570	1,590	6,120	6,220	1,900	953	2,080	674	471	906	594	964
Min	14	67	56	502	299	120	141	40	56	52	26	23
Ac-ft	135,200	43,580	28,620	89,020	41,090	16,930	34,120	11,860	8,390	21,190	6,460	10,480
Cfsm	6.02	2.01	1.28	3.97	2.03	0.75	1.57	0.53	0.39	0.94	0.29	0.48
In.	6.95	2.24	1.47	4.57	2.11	0.87	1.75	0.61	0.43	1.09	0.33	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2007, BY WATER YEAR (WY)

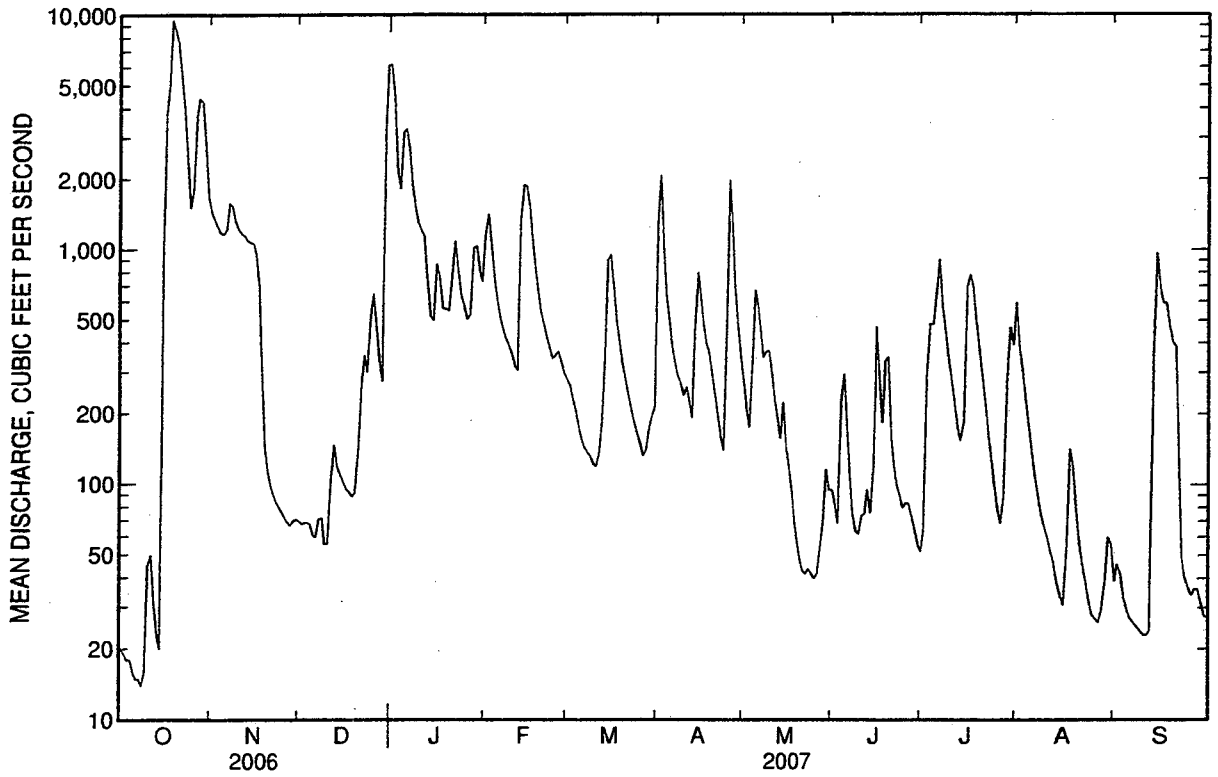
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	200	410	704	779	921	720	699	594	288	236	145	163
Max	2,199	2,573	6,006	2,741	4,220	1,901	2,402	6,181	2,628	2,665	2,286	1,698
(WY)	(2007)	(2003)	(1983)	(1990)	(1966)	(1973)	(1952)	(1953)	(1989)	(1989)	(1955)	(1958)
Min	7.95	13.5	40.1	25.8	24.6	92.7	42.9	36.6	15.7	14.8	9.17	9.18
(WY)	(1964)	(1968)	(1955)	(2000)	(2000)	(2000)	(1981)	(1978)	(1971)	(1998)	(2000)	(1993)

08028000 Bayou Anacoco near Rosepine, LA—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1952 - 2007	
Annual total	175,751		225,341			
Annual mean	482		617		486	
Highest annual mean					1,265	1983
Lowest annual mean					102	1981
Highest daily mean	9,570	Oct 19	9,570	Oct 19	49,900	Apr 30, 1953
Lowest daily mean	14	Oct 9	14	Oct 9	4.9	Sep 7, 2000
Annual seven-day minimum	16	Oct 4	16	Oct 4	5.3	Sep 2, 2000
Maximum peak flow			10,700	Oct 19	64,300	May 19, 1953
Maximum peak stage			22.48	Oct 19	28.38	May 19, 1953
Instantaneous low flow			[a]14	Oct 8	[b]4.0	Sep 28, 1981
Annual runoff (ac-ft)	348,600		447,000		352,100	
Annual runoff (cfsm)	1.32		1.69		1.33	
Annual runoff (inches)	17.91		22.97		18.09	
10 percent exceeds	1,180		1,360		1,110	
50 percent exceeds	115		232		147	
90 percent exceeds	22		38		20	

[a] Also occurred Oct. 9,10.
[b] Also occurred Sep. 29,30, 1981.



08028000 Bayou Anacoco near Rosepine, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.03	9.80	3.39	21.27	8.70	4.83	9.02	4.64	3.61	3.33	6.51	3.28
2	3.02	9.44	3.38	19.05	9.76	4.77	11.98	4.32	3.51	3.42	5.55	3.34
3	3.02	9.06	3.39	12.48	8.35	4.59	8.13	4.12	3.42	4.78	5.04	3.30
4	3.01	8.81	3.39	11.10	7.14	4.46	6.53	4.92	4.35	5.79	4.60	3.22
5	3.00	8.70	3.38	15.45	6.49	4.29	5.89	6.67	4.78	5.80	4.28	3.17
6	2.99	8.95	3.32	15.74	6.05	4.17	5.29	6.15	4.07	6.63	4.03	3.15
7	2.98	10.28	3.31	14.06	5.73	4.09	4.96	5.55	3.69	7.70	3.84	3.14
8	2.98	10.09	3.40	11.36	5.53	4.05	4.74	5.07	3.48	6.21	3.70	3.13
9	2.97	9.35	3.41	10.01	5.38	4.02	4.64	5.17	3.38	5.67	3.58	3.12
10	3.00	8.94	3.28	9.32	5.22	3.96	4.47	5.18	3.36	5.10	3.51	3.11
11	3.29	8.77	3.29	8.91	5.01	3.94	4.57	4.76	3.45	4.71	3.46	3.11
12	3.33	8.62	3.62	8.66	4.95	4.04	4.38	4.41	3.46	4.42	3.40	3.12
13	3.17	8.45	3.92	7.03	9.49	4.35	4.21	4.20	3.60	4.17	3.35	5.08
14	3.09	8.38	3.75	5.97	11.46	5.19	5.53	4.01	3.47	4.04	3.28	8.11
15	3.05	8.34	3.69	5.85	11.39	7.80	7.21	4.38	3.72	4.22	3.23	6.94
16	7.01	7.88	3.64	7.55	10.24	7.99	6.50	3.93	5.70	6.79	3.19	6.54
17	17.27	6.75	3.58	7.09	8.68	6.91	5.78	3.77	4.75	7.21	3.39	6.53
18	19.49	4.86	3.56	6.17	7.56	6.03	5.36	3.62	4.16	6.82	4.07	5.97
19	22.31	3.91	3.54	6.16	6.75	5.49	5.12	3.45	4.98	5.97	3.91	5.61
20	22.16	3.72	3.56	6.12	6.19	5.09	4.78	3.34	5.06	5.34	3.60	5.52
21	21.92	3.62	3.87	7.08	5.90	4.83	4.49	3.25	4.03	4.90	3.44	3.96
22	20.45	3.55	4.52	8.46	5.63	4.63	4.22	3.21	3.79	4.52	3.34	3.37
23	17.77	3.51	5.06	7.31	5.41	4.47	4.03	3.20	3.65	4.22	3.27	3.30
24	12.82	3.47	4.78	6.58	5.20	4.32	3.91	3.21	3.59	3.97	3.21	3.26
25	10.05	3.44	5.91	6.27	5.25	4.22	5.23	3.19	3.52	3.77	3.16	3.23
26	11.07	3.41	6.53	5.93	5.33	4.12	11.65	3.18	3.56	3.62	3.15	3.25
27	17.06	3.39	5.69	6.03	5.15	4.02	9.26	3.19	3.55	3.54	3.14	3.25
28	18.88	3.37	4.98	8.16	4.94	4.06	6.82	3.31	3.48	3.69	3.17	3.20
29	18.50	3.40	4.63	8.26	---	4.25	5.76	3.40	3.42	4.87	3.27	3.16
30	14.28	3.41	15.43	7.33	---	4.38	5.11	3.75	3.35	5.92	3.46	3.15
31	10.60	---	20.99	6.99	---	4.47	---	3.61	---	5.56	3.43	---
Max	22.31	10.28	20.99	21.27	11.46	7.99	11.98	6.67	5.70	7.70	6.51	8.11
Min	2.97	3.37	3.28	5.85	4.94	3.94	3.91	3.18	3.35	3.33	3.14	3.11

USGS
science for a changing world

Water-Data Report 2007

08028200 Bayou Anacoco near Knight, LA

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 30°52'14", long 93°30'38" referenced to North American Datum of 1927, Beauregard Parish, LA, Hydrologic Unit 12010005, near right bank of low-water channel at downstream side of bridge on State Highway 111, 4.9 mi southwest of Knight, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--425.00 mi².

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1969 to September 1972.
WATER TEMPERATURE: December 1969 to September 1971.
COLOR: December 1969 to July 1972.

REMARKS.--Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Lake Vernon (usable capacity, 58,000 acre-ft) since May 1963. Water used by paper mill at De Ridder is pumped from wells and discharged later as waste into bayou above station. This discharge is not continuous but is stored in a reservoir and is released whenever flow of bayou is sufficient to dilute effluent from mill.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 910 micromhos Oct. 31, 1970; minimum daily, 40 micromhos Jan. 1, 1970, Jan. 7, 1972.
WATER TEMPERATURE: Maximum daily, 33.0°C June 15, 1970; minimum daily, 7.0°C Jan. 9, 10, 1970.
COLOR: Maximum daily, 600 units Mar. 16, 1971; minimum daily, 5 units June 20, 27-30, 1970.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 12

[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Time	Color, water, fltrd, Pt-Co units (00080)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)
Nov													
30...	1330	100	12	7.0	7.4	511	21.3	14.2	1.75	4.47	88.3	67	82
Jan													
25...	1220	200	36	10.8	7.1	313	11.1	9.51	1.18	3.06	--	37	46
Mar													
28...	1120	125	36	6.6	7.5	--	21.8	12.3	1.47	4.16	93.8	64	--
May													
31...	1230	100	32	14.0	7.6	540	25.6	13.3	1.53	4.20	97.5	65	79
Jul													
26...	1145	125	22	5.8	7.3	419	27.2	9.66	1.35	3.05	70.7	16	20
Sep													
26...	1145	175	20	6.5	7.2	473	26.3	12.2	1.69	3.44	84.1	88	107

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Nov 30...	--	E.06	20.5	128	344	.58	.146	.19	.011	.07	.09	14.2	--
Jan 25...	10.2	E.09	14.0	82.7	210	.73	E.015	E.06	.004	<.04	.09	--	--
Mar 28...	15.7	E.08	15.2	149	375	.96	.142	.13	.007	E.04	.13	--	2.5
May 31...	15.7	.11	16.3	148	365	.99	.167	.39	.041	.06	.14	--	--
Jul 26...	16.1	.11	14.9	96.8	284	.83	.090	.19	.018	.06	.12	--	--
Sep 26...	16.2	E.07	17.5	114	319	.57	.078	.36	.028	.07	.12	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	E coli, MI MF, water, col/ 100 mL (90901)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Total coliform, MI MF, water, col/ 100 mL (90900)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)	1,2-Diphenylhydrazine, water, unfltrd µg/L (82626)	246-Tribromophenol, sur Sch 1383/85 wat unf pct rcv (90652)	2,4,6-Trichlorophenol, water, unfltrd µg/L (34621)	2,4-Dichlorophenol, water, unfltrd µg/L (34601)	2,4-Dimethylphenol, water, unfltrd µg/L (34606)	2,4-Dinitrotoluene water, unfltrd µg/L (34611)	2,6-Dinitrotoluene water, unfltrd µg/L (34626)	2-Chloronaphthalene, water, unfltrd µg/L (34581)
Nov 30...	E42	>1,200	>1,600	420	230	<.30	70.9	<.31	<.39	<.4	<.43	<.43	<.38
Jan 25...	120	220	230	195	164	--	--	--	--	--	--	--	--
Mar 28...	--	57	--	286	223	--	--	--	--	--	--	--	--
May 31...	--	160	--	337	202	--	--	--	--	--	--	--	--
Jul 26...	84	230	100	313	208	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	170	50.6	--	--	--	--	--	--	--	--

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	2-chlorophenol, water, unfltrd µg/L (34586)	2-nitrophenol, water, unfltrd µg/L (34591)	3,3'-Dichlorobenzidine, water, unfltrd µg/L (34631)	4-Bromophenyl phenyl ether, wat unf µg/L (34636)	4-Chloro-3-methylphenol, wat unf µg/L (34452)	4-Chlorophenyl phenyl ether, wat unf µg/L (34641)	4-Nitrophenol, water, unfltrd µg/L (34646)	9H-Fluorene, water, unfltrd µg/L (34381)	Acenaphthene, water, unfltrd µg/L (34205)	Acenaphthylene, water, unfltrd µg/L (34200)	Anthracene, water, unfltrd µg/L (34220)	Benzo[a]anthracene, water, unfltrd µg/L (34526)	Benzo[a]pyrene, water, unfltrd µg/L (34247)
Nov 30...	<.42	<.30	<.65	<.36	<.55	<.34	<.51	<.33	<.28	<.30	M	<.26	<.33
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Benzo[b]fluoranthene water, unfltrd µg/L (34230)	Benzo[ghi]perylene, water, unfltrd µg/L (34521)	Benzo[k]fluoranthene water, unfltrd µg/L (34242)	Benzyl n-butyl phthalate, water, unfltrd µg/L (34292)	Bis(2-chloroethoxy) methane water, unfltrd µg/L (34278)	Bis(2-chloroethyl) ether, water, unfltrd µg/L (34273)	Bis(2-chloroisopropyl) ether, wat unf µg/L (34283)	Bis(2-ethylhexyl) phthalate, wat unf µg/L (39100)	Chrysene, water, unfltrd µg/L (34320)	Dibenzo[a,h]anthracene, wat unf µg/L (34556)	Diethyl phthalate, water, unfltrd µg/L (34336)	Dimethyl phthalate, water, unfltrd µg/L (34341)	Di-n-butyl phthalate, water, unfltrd µg/L (39110)
Nov 30...	<.40	<.64	<.45	<1	<.35	<.30	<.38	<1	<.33	<.70	<.61	<.59	<.87
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 6 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Di-n-octyl phthalate, water, unfltrd µg/L (34596)	Fluoranthene water, unfltrd µg/L (34376)	Hexachlorocyclopentadiene, wat unf µg/L (34386)	Indeno[1,2,3-cd]-pyrene, water, unfltrd µg/L (34403)	Isophorone water, unfltrd µg/L (34408)	Nitrobenzene water, unfltrd µg/L (34447)	N-NItroso-di-methylamine, wat unf µg/L (34438)	N-NItroso-di-n-propylamine, wat unf µg/L (34428)	N-NItroso-di-phenylamine, wat unf µg/L (34433)	Pentachlorophenol, water, unfltrd µg/L (39032)	Phenanthrene, water, unfltrd µg/L (34461)	Phenol, water, unfltrd µg/L (34694)	Phenol-d5, surrog, Sched. 1383/85 wat unf pct rcv (90630)
Nov													
30...	<2	<.30	<.52	<.56	<.60	<.21	<.33	<.82	<.81	<.87	<.32	<.4	40.8
Jan													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 7 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Pyrene, water, unfltrd µg/L (34469)	1,2,4-Trichlorobenzene water, unfltrd µg/L (34551)	1,2-Dichlorobenzene water, unfltrd µg/L (34536)	1,3-Dichlorobenzene water, unfltrd µg/L (34566)	1,4-Dichlorobenzene water, unfltrd µg/L (34571)	Hexachlorobutadiene, water, unfltrd µg/L (39702)	Hexachloroethane, water, unfltrd µg/L (34396)	Naphthalene, water, unfltrd µg/L (34696)	1,2,4-Trichlorobenzene bed sed <2 mm ug/kg (49438)	1,2-Dichlorobenzene bed sed <2 mm wsv nat ug/kg (49439)	1,2-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49403)	1,3-Dichlorobenzene bed sed <2 mm wsv nat ug/kg (49441)	1,4-Dichlorobenzene bed sed <2 mm wsv nat ug/kg (49442)
Nov													
30...	<.35	<.41	<.49	<.57	<.53	<.46	<.66	<.32	<50	<50	<50	<50	<50
Jan													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 8 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	1,6-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49404)	1Methyl-9H-fluorene, bed sed <2 mm, ug/kg (49398)	1-Methylphenanthrene, bed sed <2 mm, ug/kg (49410)	1-Methylpyrene, bed sed <2 mm, wsv nat ug/kg (49388)	2,2'-Biquinoline, bed sed <2 mm, wsv nat ug/kg (49391)	236Trimethylnaphthalene, bed sed <2 mm, ug/kg (49405)	2,4-Dinitrotoluene bed sed <2 mm wsv nat ug/kg (49395)	2,6-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49406)	2,6-Dinitrotoluene bed sed <2 mm wsv nat ug/kg (49396)	2-Chloronaphthalene, bed sed <2 mm, ug/kg (49407)	2-Chlorophenol, bed sed <2 mm, wsv nat ug/kg (49467)	2-Ethylnaphthalene bed sed <2 mm wsv nat ug/kg (49948)	2Fluoro-biphenyl, surrog, bed sed <2 mm, pct rcv (49279)
Nov 30...	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	65
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 9 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	2-Methylanthracene, bed sed <2 mm, ug/kg (49435)	3,5-Dimethylphenol, bed sed <2 mm, wsv nat ug/kg (49421)	4Bromophenyl phenyl ether, bed sed <2 mm, ug/kg (49454)	4Chloro 3methyl phenol, bed sed <2 mm, wsv nat ug/kg (49422)	4Chloro phenyl phenyl ether, bed sed <2 mm, ug/kg (49455)	4H-Cyclopenta-[def]-phenanthrene, bs <2mm ug/kg (49411)	9,10-Anthraquinone bed sed <2 mm wsv nat ug/kg (49437)	9H-Fluorene, bed sed <2 mm, wsv nat ug/kg (49399)	Acenaphthene, bed sed <2 mm, wsv nat ug/kg (49429)	Acenaphthylene, bed sed <2 mm, wsv nat ug/kg (49428)	Acridine, bed sed <2 mm, wsv nat field, ug/kg (49430)	Anthracene, bed sed <2 mm, wsv nat field, ug/kg (49434)	Azobenzene bed sed <2 mm wsv nat field, ug/kg (49443)
Nov 30...	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 10 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Benzo-[a]-anthracene, bed sed <2 mm, ug/kg (49436)	Benzo-[a]-pyrene, bed sed <2 mm, wsv nat ug/kg (49389)	Benzo-[b]-fluoranthene bed sed <2 mm ug/kg (49458)	Benzo-[c]-cinnoline, bed sed <2 mm, ug/kg (49468)	Benzo-[ghi]-perylene, bed sed <2 mm, ug/kg (49408)	Benzo-[k]-fluoranthene bed sed <2 mm ug/kg (49397)	Benzyl n-butyl phthalate, bed sed <2 mm, ug/kg (49427)	Bis(2-chloroethoxy) methane bed sed <2 mm ug/kg (49401)	Bis(2-chloroethyl) ether, bed sed <2 mm, ug/kg (49456)	Bis(2Ethexyl) phthalate, bed sed <2 mm, ug/kg (49426)	C8-Alkylphenol, bed sed <2 mm, wsv nat ug/kg (49424)	Carbazole, bed sed <2 mm, wsv nat field, ug/kg (49449)	Chrysene, bed sed <2 mm, wsv nat field, ug/kg (49450)
Nov 30...	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 11 of 12
[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Dibenzo-[a,h]-anthracene, bed sed <2 mm, ug/kg (49461)	Dibenzothiophene, bed sed <2 mm, ug/kg (49452)	Diethyl phthalate, bed sed <2 mm, wsv nat ug/kg (49383)	Dimethyl phthalate, bed sed <2 mm, ug/kg (49384)	Dibutyl phthalate, bed sed <2 mm, wsv nat ug/kg (49381)	Dioctyl phthalate, bed sed <2 mm, wsv nat ug/kg (49382)	Fluoranthene bed sed <2 mm wsv nat field, ug/kg (49466)	Hexachlorobenzene bed sed <2 mm, wsv nat ug/kg (49343)	Indeno-[1,2,-3-cd]-pyrene, bed sed <2 mm ug/kg (49390)	Isophorone bed sed <2 mm, wsv nat field, ug/kg (49400)	Isoquinoline, bed sed <2 mm, wsv nat ug/kg (49394)	Naphthalene, bed sed <2 mm wsv nat ug/kg (49402)	Nitrobenzene bed sed <2 mm wsv nat field, ug/kg (49444)
Nov 30...	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--	--

08028200 Bayou Anacoco near Knight, LA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 12 of 12

[Remark codes: <, less than; >, greater than; E, estimated; M, presence verified but not quantified.]

Date	Nitro-benzene -d5, surrog, bed sed <2 mm, pct rcv (49280)	N-Nitro -sodi-n -propyl amine, bed sed <2 mm, ug/kg (49431)	N-Nitro -sodi-phenyl-amine, bed sed <2 mm, ug/kg (49433)	p-Cresol, bed sed <2 mm, wsv nat field, ug/kg (49451)	Penta-chloro-anisole bed sed <2 mm wsv nat ug/kg (49460)	Penta-chloro-nitro-benzene bed sed <2 mm ug/kg (49446)	Phenan-threne, bed sed <2 mm, wsv nat field, ug/kg (49409)	Phenan-thri-dine, bed sed <2 mm, wsv nat ug/kg (49393)	Phenol, bed sed <2 mm, wsv nat field, ug/kg (49413)	p-Ter-phenyl-d14, surrog, bed sed <2 mm, pct rcv (49278)	Pyrene, bed sed <2 mm, wsv nat field, ug/kg (49387)	Quino-line, bed sed <2 mm, wsv nat field, ug/kg (49392)
Nov 30...	46	<50	<50	<50	<50	<50	<50	<50	<50	57	<50	<50
Jan 25...	--	--	--	--	--	--	--	--	--	--	--	--
Mar 28...	--	--	--	--	--	--	--	--	--	--	--	--
May 31...	--	--	--	--	--	--	--	--	--	--	--	--
Jul 26...	--	--	--	--	--	--	--	--	--	--	--	--
Sep 26...	--	--	--	--	--	--	--	--	--	--	--	--

Water-Data Report 2007

08028500 Sabine River near Bon Wier, TX

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 30°44'49", long 93°36'30" referenced to North American Datum of 1927, Newton County, TX, Hydrologic Unit 12010005, near left bank on downstream side of bridge on U.S. Highway 190, 0.7 mi upstream from Quicksand Creek, 0.8 mi upstream from Gulf, Colorado, and Santa Fe Railway Co. bridge, 2.0 mi east of Bon Wier, 2.4 mi upstream from Caney Creek and at mile 97.7.

DRAINAGE AREA.--8,229 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1923 to current year. Monthly discharge only for some periods, published in WSP 1312. Gage-height records collected in this vicinity since 1913 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 1342: 1953. WSP 1442: 1924, 1926-27(M), 1929(M), 1939. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 33.42 ft above NGVD of 1929. Prior to July 8, 1931, nonrecording gage at site 0.8 mi downstream at datum 13.00 ft higher. July 8, 1931, to Oct. 15, 1958, nonrecording gage at present site at datum 13.00 ft higher. Oct. 16, 1958, to Sept. 30, 1975, water-stage recorder at present site at datum 13.00 ft higher. Oct. 1, 1975, to Dec. 31, 1988, at present site at datum 10.00 ft higher. Satellite telemeter at station.

REMARKS.--Records good, except those for estimated daily discharge which are fair. Since water year 1961, at least 10% of contributing drainage area has been regulated.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--37 years (water years 1924-1960) 7,155 ft³/s (5,184,000 acre-ft/yr).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1833, 43.5 ft Apr. 23 or 24, 1913, from information by Gulf, Colorado, and Santa Fe Railway Co. and local residents. Flood in May 1884 reached a stage of 39 ft. Floods occurring about 1844 and 1860 were higher than flood in May 1884, from information by local residents. All flood data referenced to current datum.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS, 1924-1960: Maximum discharge, 115,000 ft³/s, May 19, 1953, gage height, 38.70 ft, current datum; minimum, 160 ft³/s, Sept. 29, 1956.

08028500 Sabine River near Bon Wier, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	917	2,870	1,150	28,100	18,300	4,780	1,730	916	3,470	3,320	22,300	4,650
2	524	2,350	1,530	17,800	19,300	3,980	5,230	930	4,080	1,930	22,200	4,680
3	616	2,090	864	11,200	19,100	3,050	4,200	2,040	4,230	3,220	21,600	2,300
4	919	1,930	615	6,070	18,100	1,600	2,450	3,510	2,250	5,070	19,400	926
5	655	1,830	970	7,890	17,500	1,260	1,890	4,330	2,850	2,760	16,400	2,910
6	927	1,840	823	8,840	17,000	1,150	1,470	3,780	4,590	3,900	15,600	4,410
7	692	2,330	1,040	6,960	16,300	1,090	1,190	4,830	4,570	6,500	12,600	6,100
8	875	3,050	812	5,140	16,100	1,040	1,080	4,840	4,480	5,640	7,310	10,200
9	485	2,730	975	3,600	16,100	1,010	1,030	3,030	4,430	5,970	6,380	10,400
10	608	2,190	793	5,640	16,000	986	1,010	3,210	3,670	8,530	6,170	4,090
11	1,040	1,950	578	8,750	15,900	957	1,020	3,760	1,980	14,100	6,040	7,810
12	895	1,860	1,080	6,780	16,000	949	981	3,740	2,670	14,700	4,870	10,700
13	1,080	1,740	1,420	3,030	e20,000	999	864	2,970	4,350	14,700	2,320	11,500
14	811	1,640	1,050	1,950	e23,000	1,280	949	1,730	4,500	14,800	4,030	13,500
15	854	1,580	804	3,150	20,700	2,300	1,810	2,060	4,640	15,000	5,680	13,200
16	1,050	1,520	707	13,000	15,700	2,690	2,280	3,520	5,280	15,400	5,780	11,900
17	21,700	1,390	652	17,200	11,000	2,250	1,720	3,500	4,960	17,300	5,910	5,060
18	33,000	1,180	619	17,000	9,720	1,790	1,320	3,400	3,020	20,000	5,960	8,800
19	25,800	938	601	16,400	9,190	1,490	1,210	3,390	3,130	20,800	4,950	11,200
20	27,100	792	826	16,300	8,950	1,310	1,090	2,690	4,330	20,600	2,380	11,500
21	20,800	782	853	16,700	8,770	1,190	949	1,540	4,100	20,700	4,010	11,500
22	16,300	722	727	17,900	6,120	1,110	844	1,880	3,030	20,500	5,710	11,200
23	12,200	1,010	953	17,800	4,450	1,040	770	3,050	3,130	20,300	5,290	7,340
24	7,580	1,420	971	17,000	4,900	973	716	3,230	2,910	20,100	4,920	2,690
25	4,160	783	1,200	16,500	4,920	927	822	3,340	1,750	20,100	4,630	6,690
26	3,270	678	1,850	16,600	4,740	895	3,540	3,300	2,480	20,000	4,150	10,800
27	10,400	654	1,830	16,900	4,880	862	4,250	2,590	3,850	20,200	2,090	11,000
28	13,400	787	1,440	17,600	4,830	962	2,480	1,510	3,840	20,800	3,110	10,100
29	9,500	1,120	1,140	18,200	---	1,130	1,530	788	3,670	22,600	4,600	11,000
30	6,920	856	15,100	18,200	---	981	1,120	1,920	3,720	23,100	4,600	10,300
31	4,470	---	36,600	17,900	---	959	---	3,380	---	22,500	4,560	---
Total	229,548	46,612	80,573	396,100	367,570	46,990	51,545	88,704	109,960	445,140	245,550	248,456
Mean	7,405	1,554	2,599	12,780	13,130	1,516	1,718	2,861	3,665	14,360	7,921	8,282
Max	33,000	3,050	36,600	28,100	23,000	4,780	5,230	4,840	5,280	23,100	22,300	13,500
Min	485	654	578	1,950	4,450	862	716	788	1,750	1,930	2,090	926
Ac-ft	455,300	92,450	159,800	785,700	729,100	93,200	102,200	175,900	218,100	882,900	487,000	492,800

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2007 [Z], BY WATER YEAR (WY)

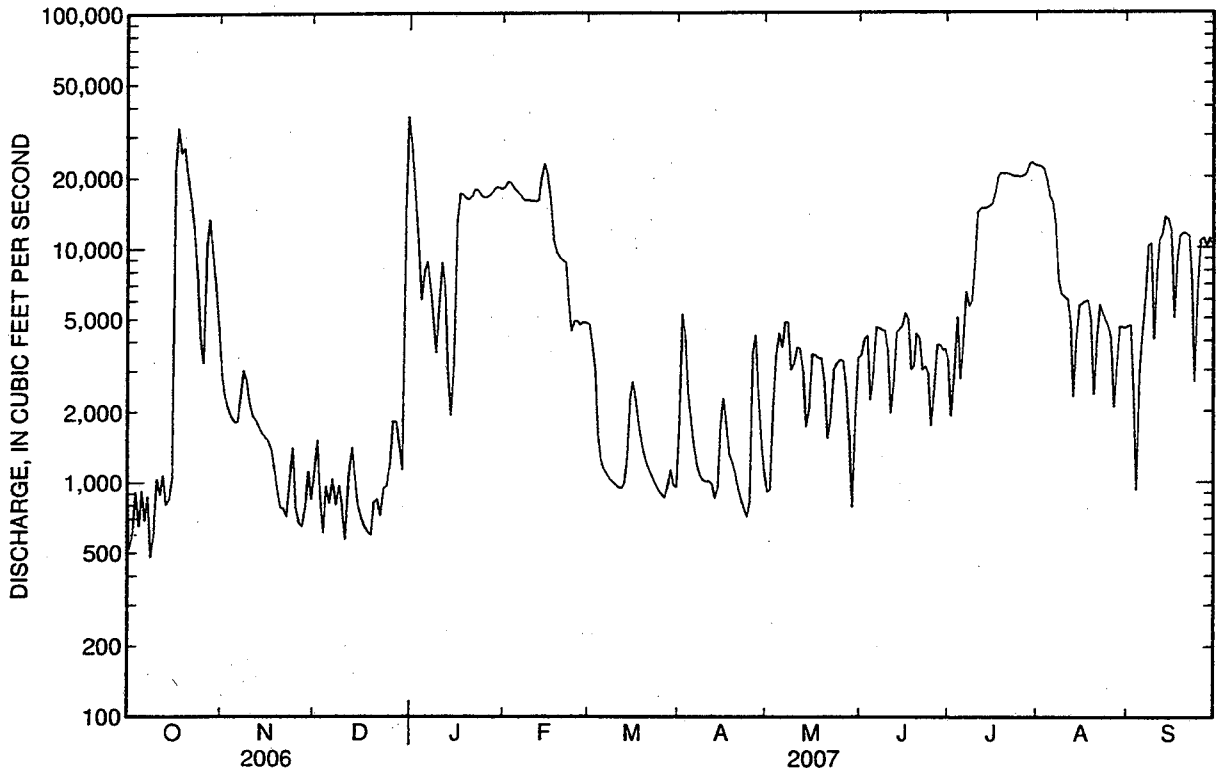
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,897	3,044	7,068	9,956	11,350	11,880	9,290	8,518	6,090	5,138	3,783	3,551
Max	8,948	13,430	21,420	30,930	31,390	46,850	27,370	31,210	26,340	31,490	7,921	12,310
(WY)	(2002)	(2005)	(1983)	(1974)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(2007)	(2001)
Min	188	217	822	994	746	1,288	634	1,011	663	530	211	206
(WY)	(1968)	(1968)	(1981)	(2000)	(1968)	(1981)	(1971)	(1996)	(1970)	(1964)	(1967)	(1967)

08028500 Sabine River near Bon Wier, TX—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1961 - 2007 [Z]	
Annual total	1,063,185		2,356,748			
Annual mean	2,913		6,457		6,777	
Highest annual mean					12,670	1975
Lowest annual mean					1,172	1967
Highest daily mean	36,600	Dec 31	36,600	Dec 31	98,000	Jul 4, 1989
Lowest daily mean	485	Oct 9	485	Oct 9	134	Nov 9, 1966
Annual seven-day minimum	712	Dec 16	712	Dec 16	142	Nov 3, 1966
Maximum peak flow			38,400	Dec 31	98,200	Jul 4, 1989
Maximum peak stage			32.87	Dec 31	37.90	Jul 4, 1989
Annual runoff (ac-ft)	2,109,000		4,675,000		4,909,000	
10 percent exceeds	5,410		17,800		17,100	
50 percent exceeds	1,710		3,520		3,700	
90 percent exceeds	778		864		737	

[Z] Period of regulated streamflow.



08028500 Sabine River near Bon Wier, TX—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
CHEMICAL DATA: Oct. 1969 to current year.
BIOCHEMICAL DATA: Oct. 1969 to May 1973.
SEDIMENT DATA: Apr. 1957 to Sept. 1962.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Nov. 1969 to June 1983.
WATER TEMPERATURE: Nov. 1969 to June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 407 microsiemens/cm, Aug. 31, 1978; minimum daily, 33 microsiemens/cm, Dec. 14, 2001.
WATER TEMPERATURE: Maximum daily, 33.0°C, July 17, 1978, and July 14, 26, 1980; minimum daily, 4.0°C, Feb. 2, 1980.

08028500 Sabine River near Bon Wier, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Time	Instantaneous discharge, cfs (00061)	Apparent color, water, unfltrd Pt-Co units (00081)	Specif. conductance, wat unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
Dec							
02...	1650	1,560	79	168	13.0	15.0	24.2
09...	1150	1,100	80	215	8.0	14.4	38.9
16...	1400	697	99	117	14.0	9.26	14.6
23...	1700	973	130	156	15.0	11.5	21.4
Jan							
06...	1745	8,330	190	59	14.0	4.11	8.13
13...	1640	2,610	170	138	17.0	8.88	20.8
19...	1505	16,400	80	156	11.0	14.3	20.8
27...	1420	17,000	65	158	12.0	15.3	20.4
Feb							
02...	1515	19,400	47	140	10.0	14.2	17.9
10...	1600	15,900	45	155	10.0	15.6	20.1
19...	1835	9,080	60	158	12.0	14.6	19.1
24...	1340	4,770	80	166	16.5	13.6	21.7
Mar							
03...	1720	2,890	55	154	14.0	13.4	21.2
10...	1635	973	60	165	20.0	10.2	28.3
17...	1600	2,140	130	163	20.0	9.05	35.0
24...	1705	952	100	297	24.0	12.1	72.0
31...	1315	979	80	215	21.5	10.5	46.7
Apr							
06...	1940	1,330	100	153	20.0	8.10	32.1
16...	1745	2,160	140	83	21.0	7.48	9.45
21...	1158	942	130	215	23.0	9.46	46.8
28...	2045	1,960	140	155	23.0	6.87	34.4
May							
10...	0805	2,250	--	167	23.0	13.9	26.8
28...	1710	1,140	--	180	28.0	8.24	3.70
Jun							
16...	1910	6,060	--	160	26.0	15.3	24.4
30...	1000	3,370	--	179	28.0	15.8	27.6
Jul							
14...	0930	14,800	--	157	28.0	16.6	20.4

Water-Data Report 2007

08029500 Big Cow Creek near Newton, TX

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 30°49'08", long 93°47'08" referenced to North American Datum of 1983, Newton County, TX, Hydrologic Unit 12010005, on right bank near center of span on downstream side of bridge on State Highway 87, 2.6 mi southwest of Newton, 5.0 mi downstream from Melhomes Creek, and 8.0 mi upstream from White Oak Creek.

DRAINAGE AREA.--128 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Apr. 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 134.69 ft above NGVD of 1929. Prior to Dec. 19, 1957, nonrecording gage at same site and datum. Satellite telemeter at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. No known regulation or diversions.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1907, 27.5 ft in Apr. 1922, from information by local resident.

08029500 Big Cow Creek near Newton, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	135	105	1,320	234	97	422	71	76	65	358	56
2	28	123	95	364	230	99	996	68	57	69	557	53
3	28	114	85	241	165	94	265	68	63	64	171	69
4	28	107	79	372	137	87	271	74	99	61	97	59
5	28	102	77	931	125	84	598	89	85	103	78	51
6	27	123	75	519	119	83	192	76	61	212	68	52
7	26	227	75	300	115	83	118	66	52	328	63	59
8	26	223	75	215	114	83	108	64	48	145	59	52
9	26	151	74	176	112	83	112	69	46	111	55	47
10	32	116	73	154	109	83	101	65	45	82	53	47
11	88	132	76	143	106	82	96	63	56	65	50	43
12	158	118	463	137	121	89	91	58	58	57	48	40
13	141	108	273	134	811	102	81	55	49	51	46	54
14	98	100	154	132	625	144	253	54	61	48	44	61
15	55	98	104	198	252	286	341	322	145	79	43	57
16	4,440	96	92	544	157	194	151	139	645	111	42	47
17	23,200	91	87	322	135	120	100	91	1,240	82	53	42
18	2,920	88	83	223	123	97	96	70	314	208	102	39
19	2,580	87	80	223	115	89	99	60	131	284	80	38
20	4,610	85	79	199	113	86	90	55	130	117	60	38
21	1,340	84	85	265	113	84	78	52	113	303	51	37
22	405	83	207	298	110	82	72	51	77	145	48	36
23	233	83	188	204	106	80	70	52	67	80	46	35
24	179	83	125	191	104	78	70	56	62	64	43	36
25	186	83	418	191	120	76	219	62	65	56	42	39
26	e750	83	336	154	125	76	663	68	72	52	40	40
27	e1,630	84	177	156	106	81	212	60	75	57	42	39
28	e1,790	84	119	203	97	357	111	56	61	215	55	44
29	e1,230	84	106	162	---	171	88	56	54	374	56	46
30	e430	87	4,720	149	---	99	77	72	56	213	49	38
31	150	---	4,540	187	---	91	---	97	---	123	66	---
Total	46,891	3,262	13,325	9,007	4,899	3,440	6,241	2,359	4,163	4,024	2,665	1,394
Mean	1,513	109	430	291	175	111	208	76.1	139	130	86.0	46.5
Max	23,200	227	4,720	1,320	811	357	996	322	1,240	374	557	69
Min	26	83	73	132	97	76	70	51	45	48	40	35
Ac-ft	93,010	6,470	26,430	17,870	9,720	6,820	12,380	4,680	8,260	7,980	5,290	2,760

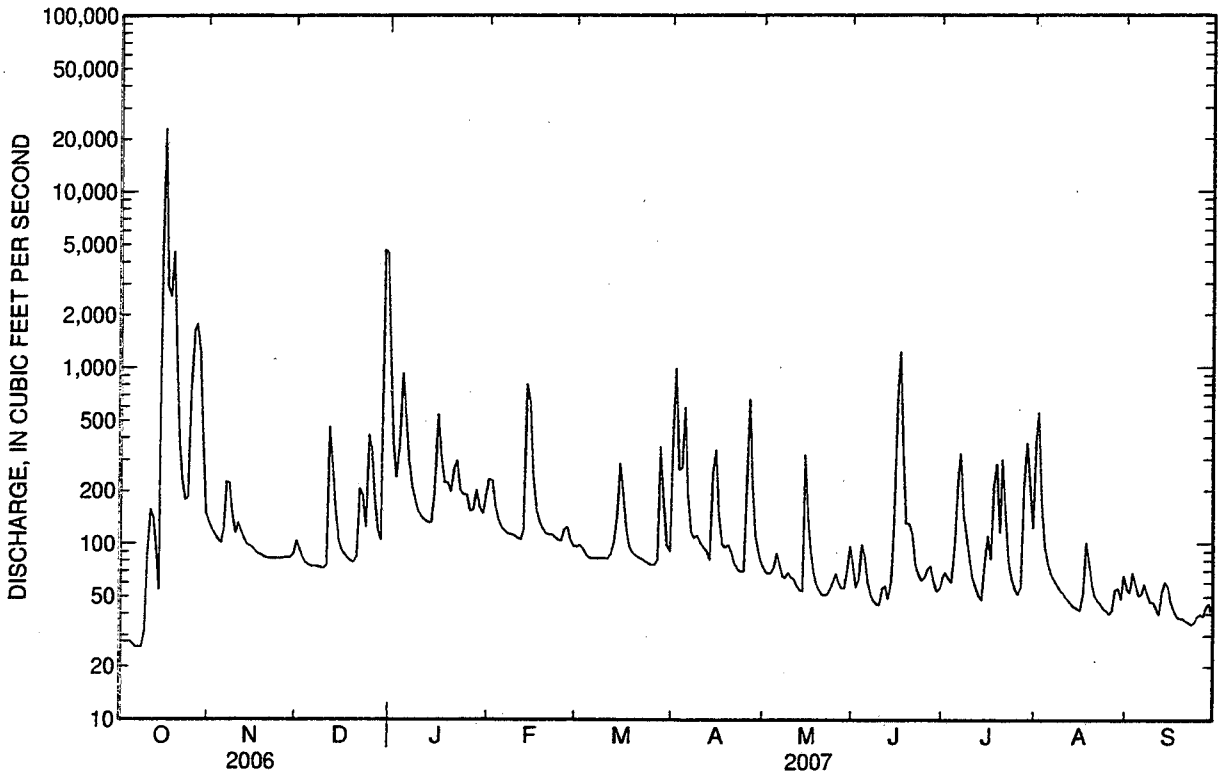
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	98.4	127	178	191	219	174	163	147	115	72.1	55.5	74.4
Max	1,513	551	489	645	743	377	533	817	414	426	221	491
(WY)	(2007)	(2003)	(1983)	(1974)	(1984)	(1999)	(1953)	(1953)	(1993)	(1989)	(1973)	(1998)
Min	17.4	27.3	39.3	42.2	57.4	46.4	29.4	31.7	16.6	14.2	14.5	17.3
(WY)	(1957)	(1968)	(1982)	(1982)	(1996)	(1996)	(1971)	(1971)	(1971)	(1971)	(1956)	(1956)

08029500 Big Cow Creek near Newton, TX—Continued PROVISIONAL

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1952 - 2007	
Annual total	86,205		101,670			
Annual mean	236		279		134	
Highest annual mean					279	2007
Lowest annual mean					46.1	1965
Highest daily mean	23,200	Oct 17	23,200	Oct 17	23,200	Oct 17, 2006
Lowest daily mean	26	Sep 4	26	Oct 7	10	Jul 7, 1971
Annual seven-day minimum	27	Oct 3	27	Oct 3	11	Jul 17, 1971
Maximum peak flow			41,500	Oct 17	41,500	Oct 17, 2006
Maximum peak stage			21.09	Oct 17	21.09	Oct 17, 2006
Annual runoff (ac-ft)	171,000		201,700		97,220	
10 percent exceeds	225		331		231	
50 percent exceeds	59		89		66	
90 percent exceeds	29		46		29	



Water-Data Report 2007

08030500 Sabine River near Ruliff, TX

Sabine Basin
Lower Sabine Subbasin

LOCATION.--Lat 30°18'13", long 93°44'37" referenced to North American Datum of 1927, Newton County, TX, Hydrologic Unit 12010005, on downstream side of bridge on State Highway 12, 2.4 mi north of Ruliff, 4.2 mi upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi downstream from Cypress Creek and at mile 40.2.

DRAINAGE AREA.--9,329 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1924 to current year. Water-quality records: Chemical data: Sept. 1945 to Sept. 1946, Oct. 1947 to Sept. 1998. Biochemical data: Feb. 1968 to Sept. 1998. Radiochemical data: Oct. 1969 to Sept. 1995. Pesticide data: Jan. 1968 to May 1982. Sediment data: Oct. 1974 to Sept. 1995.

REVISED RECORDS.--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5.92 ft below NGVD of 1929. Prior to Mar. 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi downstream and at datum 7.98 ft higher than current datum. Mar. 1, 1941, to Dec. 8, 1948, nonrecording gage at present site and at datum 10.00 ft higher than current datum. Dec. 9, 1948, to Dec. 31, 1989, recording gage at present site and at datum 10.00 ft higher than current datum. Telephone telemeter at station. Satellite telemeter at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Since water year 1961, at least 10% of contributing drainage area has been regulated.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--36 years (water years 1925-1960) 8,780 ft^3/s (6,359,000 acre-ft/yr).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1835, 32.2 ft in May or June 1884 (adjusted to present site and datum on basis of slope of flood of June 8, 9, 1950); flood of Apr. 26-29, 1913, reached a stage of 29.5 ft, present site and datum, from information by local resident.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--WATER YEARS, 1925-1960: Maximum discharge, 121,000 ft^3/s, May 22, 1953, gage height, 29.98 ft, current datum; minimum, 270 ft^3/s, several days in Sept. and Oct. 1956.

08030500 Sabine River near Ruliff, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,090	19,800	1,610	11,900	16,100	6,790	2,510	3,780	3,020	4,540	18,500	5,300
2	1,120	16,900	1,690	15,000	16,200	6,590	4,000	2,770	3,790	4,500	19,300	5,500
3	1,050	14,100	2,000	23,200	16,200	6,320	6,190	2,190	4,170	3,960	19,200	6,050
4	846	11,000	2,020	26,800	16,400	5,450	7,870	2,450	4,720	3,260	19,400	6,120
5	999	7,940	1,530	23,600	16,600	4,080	8,020	3,770	4,470	4,760	19,800	4,160
6	1,020	5,780	1,350	19,300	16,600	2,910	6,710	4,820	3,390	5,750	19,500	3,210
7	1,030	4,690	1,570	16,800	16,400	2,340	5,480	5,370	4,270	5,510	18,300	4,410
8	1,020	4,530	1,480	15,400	16,100	2,070	4,380	5,400	5,100	6,900	17,000	5,410
9	1,040	5,340	1,600	14,600	15,800	1,930	3,420	5,920	5,360	8,590	15,800	6,920
10	999	5,840	1,450	13,500	15,400	1,850	e3,100	5,490	5,330	9,030	14,400	8,610
11	886	5,560	1,560	11,900	15,200	1,800	e3,150	4,300	5,110	9,080	12,700	9,290
12	1,150	4,720	1,370	11,100	15,200	1,770	3,200	4,200	4,150	9,650	10,800	8,990
13	1,300	4,200	1,330	11,000	16,100	1,820	3,040	4,330	3,030	10,600	9,100	10,900
14	1,510	3,900	2,030	10,300	16,600	2,110	2,810	4,180	4,050	11,500	6,890	13,300
15	1,510	3,590	2,490	7,990	17,800	3,540	2,770	3,400	4,900	e12,500	4,720	14,000
16	2,590	3,270	2,200	5,970	19,100	5,270	3,290	2,520	5,340	e14,000	5,360	14,100
17	10,400	3,040	1,800	7,700	19,900	6,460	4,090	3,340	6,010	14,200	6,270	14,200
18	15,300	2,860	1,540	10,300	19,100	6,500	4,060	4,040	6,790	14,200	6,860	14,200
19	19,000	2,560	1,390	12,200	17,300	5,610	3,370	4,110	7,030	14,400	7,120	13,400
20	39,000	2,200	1,310	13,400	15,800	4,350	2,820	4,020	6,390	14,800	7,030	12,500
21	53,100	1,850	1,320	14,500	14,600	3,380	2,450	3,790	6,230	15,300	5,960	12,100
22	56,600	1,680	1,550	15,100	13,500	2,790	2,100	3,040	6,250	15,800	4,340	12,100
23	48,200	1,570	1,460	15,400	12,500	2,410	1,820	2,130	5,720	16,100	5,210	12,300
24	36,900	1,520	1,570	15,600	11,100	2,130	1,610	2,910	4,680	16,300	5,970	12,300
25	27,500	2,020	1,930	15,800	9,520	1,930	1,490	3,490	4,270	16,400	6,100	11,500
26	23,300	1,920	2,120	15,800	8,250	1,790	1,590	3,750	3,640	16,800	5,850	9,640
27	30,000	1,540	2,850	15,900	7,420	1,690	3,110	3,860	2,780	17,200	5,520	9,350
28	27,100	1,390	3,450	15,900	7,000	1,620	5,440	3,730	3,720	17,200	4,620	10,100
29	24,300	1,350	3,300	15,700	---	1,580	6,330	3,060	4,400	16,900	3,340	10,800
30	22,900	1,630	4,080	15,800	---	1,800	5,430	1,990	4,570	17,000	4,180	11,200
31	22,000	---	8,280	15,900	---	1,940	---	1,710	---	17,300	4,960	---
Total	474,760	148,290	65,230	453,360	417,790	102,620	115,650	113,860	142,680	364,030	314,100	291,960
Mean	15,310	4,943	2,104	14,620	14,920	3,310	3,855	3,673	4,756	11,740	10,130	9,732
Max	56,600	19,800	8,280	26,800	19,900	6,790	8,020	5,920	7,030	17,300	19,800	14,200
Min	846	1,350	1,310	5,970	7,000	1,580	1,490	1,710	2,780	3,260	3,340	3,210
Ac-ft	941,700	294,100	129,400	899,200	828,700	203,500	229,400	225,800	283,000	722,100	623,000	579,100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2007 [Z], BY WATER YEAR (WY)

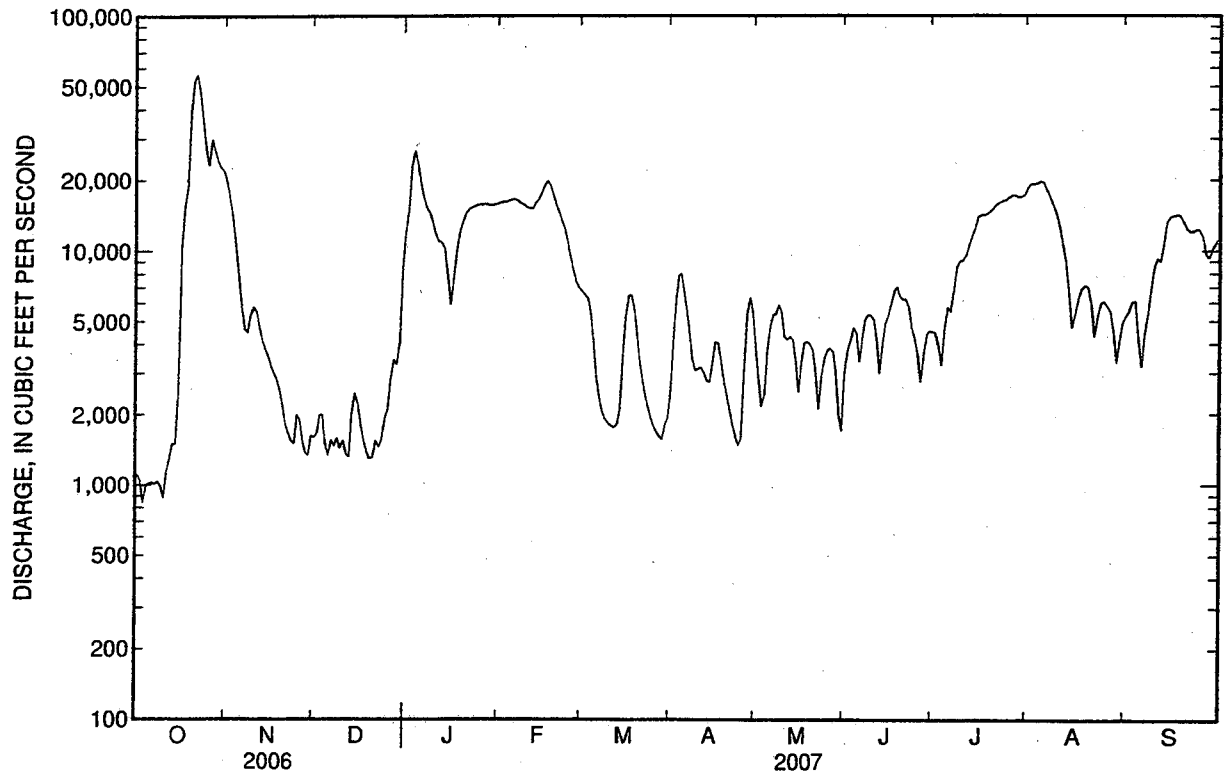
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,872	3,957	8,551	11,890	13,010	13,460	10,860	9,569	7,366	6,007	4,350	4,291
Max	15,310	16,030	22,070	35,570	33,170	48,230	33,240	32,980	26,240	42,320	10,130	12,530
(WY)	(2007)	(2003)	(1983)	(1961)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(2007)	(1998)
Min	292	327	1,366	1,237	1,344	1,679	1,030	1,395	1,383	805	382	333
(WY)	(1968)	(1968)	(1981)	(2000)	(2000)	(2000)	(1971)	(1996)	(1963)	(1967)	(1967)	(1967)

08030500 Sabine River near Ruliff, TX—Continued PROVISIONAL

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1961 - 2007 [Z]	
Annual total	1,689,599		3,004,330			
Annual mean	4,629		8,231		7,993	
Highest annual mean					14,210	1975
Lowest annual mean					1,959	1967
Highest daily mean	56,600	Oct 22	56,600	Oct 22	108,000	Jul 6, 1989
Lowest daily mean	846	Oct 4	846	Oct 4	278	Oct 28, 1967
Annual seven-day minimum	993	Oct 4	993	Oct 4	282	Oct 9, 1967
Maximum peak flow			58,200	Oct 22	109,000	Jul 6, 1989
Maximum peak stage			27.93	Oct 22	29.15	Jul 6, 1989
Annual runoff (ac-ft)	3,351,000		5,959,000		5,791,000	
10 percent exceeds	7,840		16,900		18,600	
50 percent exceeds	2,560		5,400		4,780	
90 percent exceeds	1,170		1,580		1,190	

[Z] Period of regulated streamflow.



APPENDIX C

SABINE RIVER COMPACT

The State of Texas and the State of Louisiana, parties signatory to this Compact (hereinafter referred to as "Texas" and "Louisiana," respectively, or individually as a "State," or collectively as the "States"), having resolved to conclude a compact with respect to the waters of the Sabine River, and having appointed representatives as follows:

FOR TEXAS: Henry L. Woodworth, Interstate Compact Commissioner for Texas; and John W. Simmons, President of the Sabine River Authority of Texas;

FOR LOUISIANA: Roy T. Sessums, Director of the Department of Public Works of the State of Louisiana;

and consent to negotiate and enter into the said Compact having been granted by Act of the Congress of the United States approved November 1, 1951 (Public Law No. 252; 82d Congress, First Session), and pursuant thereto the President having designated Louis W. Prentiss as the representative of the United States, the said representatives for Texas and Louisiana, after negotiations participated in by the representative of the United States, have for such Compact agreed upon Articles as hereinafter set forth. The major purposes of this Compact are to provide for an equitable apportionment between the States of Louisiana and Texas of the waters of the Sabine River and its tributaries, thereby removing the causes of present and future controversy between the States over the conservation and utilization of said waters; to encourage the development, conservation and utilization of the water resources of the Sabine River and its tributaries; and to establish a basis for cooperative planning and action by the States for the construction, operation and maintenance of projects for water conservation and utilization purposes on that reach of the Sabine River touching both States, and for apportionment of the benefits therefrom.

ARTICLE I

AS USED IN THIS COMPACT:

(A.) The Word "Stateline" means the point on the Sabine River where its waters in downstream flow first touch the States of both Louisiana and Texas.

(B.) The term "waters of the Sabine River" means the waters either originating in the natural drainage basin of the Sabine River, or appearing as streamflow in said River and its tributaries, from its headwater source down to the mouth of the River where it enters into Sabine Lake.

(C.) The term "Stateline flow" means the flow of waters of the Sabine River as determined by the Logansport gauge located on the U.S. Highway 84, approximately four (4) river

miles downstream from the Stateline. This flow, or the flow as determined by such substitute gauging station as may be established by the Administration, as hereinafter defined, pursuant to the provisions of Article VII of this Compact, shall be deemed the actual Stateline flow.

(D.) The term "Stateline reach" means that portion of the Sabine River lying between the Stateline and Sabine Lake.

(E.) The term "the Administration" means the Sabine River Compact Administration established under Article VII.

(F.) The term "Domestic use" means the use of water by an individual, or by a family unit or household for drinking, cooking, laundering, sanitation, and other personal comforts and necessities; and for the irrigation of an area not to exceed one acre, obtained directly from the Sabine River or its tributaries by an individual or family unit not supplied by a water company, water district, or municipality.

(G.) The term "stock water use" means the use of water for any and all livestock and poultry.

(H.) The term "consumptive use" means use of water resulting in its permanent removal from the stream.

(I.) The terms "'domestic' and 'stock water' reservoir" mean any reservoir for either or both of such uses having a storage capacity of fifty (50) acre feet or less.

(J.) "Stored water" means water stored in reservoirs (exclusive of domestic or stock water reservoirs) or water withdrawn or released from reservoirs for specific uses and the identifiable return flow from such uses.

(K.) The term "free water" means all waters other than "stored waters" in the Stateline reach including, but not limited to that appearing as natural stream flow, and not withdrawn or released from a reservoir for specific uses. Waters released from reservoirs for the purpose of maintaining stream flows as provided in Article V, shall be "free water." All reservoir spills or releases of stored waters made in anticipation of spills, shall be free water.

(L.) Where the name of the State or the term "State" is used in this Compact, it shall be construed to include any person or entity of any nature whatsoever of the States of Louisiana or Texas using, claiming, or in any manner asserting any right to the use of the waters of the Sabine River under the authority of that State.

(M.) Wherever any State or Federal official or agency is referred to in this Compact, such reference shall apply equally to the comparable official or agency succeeding to their duties and functions.

ARTICLE II

Subject to the provisions of Article X, nothing in this Compact shall be construed as applying to, or interfering with, the right or power of either signatory State to regulate within its boundaries the appropriation, use and control of water, not inconsistent with its obligations under this Compact.

ARTICLE III

Subject to the provisions of Article X, all rights to any of the waters of the Sabine River which have been obtained in accordance with the laws of the States are hereby recognized and affirmed; provided, however, that withdrawals, from time to time, for the satisfaction of such rights, shall be subject to the availability of supply in accordance with the apportionment of water provided under the terms of this Compact.

ARTICLE IV

Texas shall have free and unrestricted use of all waters of the Sabine River and its tributaries above the Stateline subject, however, to the provisions of Articles V and X.

ARTICLE V

Texas and Louisiana hereby agree upon the following apportionment of the waters of the Sabine River:

(A.) All free water in the Stateline reach shall be divided equally between the two States, this division to be made without reference to the origin.

(B.) The necessity of maintaining a minimum flow at the Stateline for the benefit of water users below the Stateline in both States is recognized, and to this end, it is hereby agreed that:

(1) Reservoirs and permits above the Stateline existing as of January 1, 1953, shall not be liable for maintenance of the flow at the Stateline.

(2) After January 1, 1953, neither State shall permit or authorize any additional uses which would have the effect of reducing the flow at the Stateline to less than 36 cubic feet per second.

(3) Reservoirs on which construction is commenced after January 1, 1953, above the Stateline shall be liable for their share of water necessary to provide a minimum flow at the Stateline of 36 cubic feet per second; provided that no reservoir shall be liable for a greater percentage of this minimum flow than the percentage of the drainage area above the Stateline contributing to that reservoir, exclusive of the watershed of any reservoir on which construction was started prior to January 1, 1953. Water released from Texas' reservoirs to establish the minimum flow of 36 cubic feet per second shall be classed as free water at the Stateline and divided equally between the two States.

(C.) The right of each State to construct impoundment reservoirs and other works of improvement on the Sabine River or its tributaries located wholly within its boundaries is hereby recognized.

(D.) In the event that either State constructs reservoir storage on the tributaries below Stateline after January 1, 1953, there shall be deducted from that State's share of the flow in the Sabine River all reductions in flow resulting from the operation of the tributary storage and conversely such State shall be entitled to the increased flow resulting from the regulation provided by such storage.

(E.) Each State shall have the right to use the main channel of the Sabine River to convey water stored on the Sabine River or its tributaries located wholly within its boundaries, downstream to a desired point of removal without loss of ownership of such stored waters. In the event that such water is released by a State through the natural channel of a tributary and the channel of the Sabine River to a downstream point of removal, a reduction shall be made in the amount of water which can be withdrawn at the point of removal equal to the transmission losses.

(F.) Each State shall have the right to withdraw its share of the water from the channel of the Sabine River in the Stateline reach in accordance with Article VII. Neither State shall withdraw at any point more than its share of the flow at that point except that persuant to findings and determination of the Administration as provided under Article VII of this Compact, either State may withdraw more or less of its share of the water at any point providing that its aggregate withdrawal shall not exceed its total share. Withdrawals made pursuant to this paragraph shall not prejudice or impair the existing rights of users of Sabine River waters.

(G.) Waters stored in reservoirs constructed by the States in the Stateline reach shall be shared by each State in proportion to its contribution to the cost of storage. Neither State shall have the right to construct a dam on the Stateline reach without the consent of the other State.

(H.) Each State may vary the rate and manner of withdrawal of its share of such jointly stored waters on the Stateline reach, subject to meeting the obligations for amortization of the cost of the joint storage. In any event, neither State shall withdraw more than its pro-rata share in any one year (a year meaning a water year, October 1 to September 30) except by authority of the Administration. All jointly stored water remaining at the end of a water year shall be reapportioned between the States in the same proportion as their contribution to the cost of storage.

(I.) Except for jointly stored water, as provided in (H.) above, each State must use its apportionment of the natural stream flows as they occur, and there shall be no allowance of accumulation of credits or debits for or against either State. The failure of either State to use the stream flow or any part thereof, the use of which is apportioned to it under the terms of this Compact, shall not constitute a relinquishment of the right to such use in the future; conversely, the failure of either State to use the water at the time it is available does not give it the right to the flow in excess of its share of the flow at any other time.

(J.) From the apportionment of waters of the Sabine River as defined in this Article, there shall be excluded from such apportionment all waters consumed in either State for domestic and stock water uses. Domestic and stock water reservoirs shall be so excluded.

(K.) Each State may use its share of the water apportioned to it in any manner that may be deemed beneficial by that State.

ARTICLE VI

(A.) The States, through their respective appropriate agencies or subdivisions, may construct jointly, or cooperate with any agency or instrumentality of the United States, in the construction of works on the Stateline reach for the development, conservation, and utilization for all beneficial purposes of the waters of the Sabine River.

(B.) All monetary revenues growing out of any joint State ownership, title, and interest in works constructed under Section (A.) above and accruing to the States in respect thereof, shall be divided between the States in proportion to their respective contributions to the cost of construction; provided, however, that each State shall retain undivided all its revenues from recreational facilities within its boundaries incidental to the use of the waters of the Sabine River, and from its severally State-owned recreational facilities constructed appurtenant thereto.

(C.) All operation and maintenance costs chargeable against any joint State ownership, title, and interest in works constructed under Section (A.) above, shall be assessed in proportion to the contribution of each State to the original cost of construction.

ARTICLE VII

(A.) There is hereby created an inter-State adminstrative agency to be designated as the "Sabine River Compact Administration" herein referred to as the "Administration."

(B.) The Administration shall consist of two members from each State and of one member as representative of the United States, chosen by the President of the United States who is hereby requested to appoint such a representative. The United States Member shall be ex-officio chairman of the Administration without vote and shall not be a domiciliary of or reside in either State. The appointed members for Texas and Louisiana shall be designated within thirty days after effective date of this compact.

(C.) The Texas members shall be appointed by the Governor for a term of six years; provided, however, that one of the original Texas members shall be appointed for a term to establish a half-term interval between the expiration dates of the terms of such members, and thereafter one such member shall be appointed each three years for the regular term. The Louisiana members shall be residents of the Sabine Watershed and shall be appointed by the Governor for a term of four years, which shall run concurrent with the term of the Governor. Each State member shall hold office

subject to the laws of his State or until his successor has been duly appointed and qualified. (As amended by Public Law 87-418, March 16, 1962, and by Public Law 102-575, October 30, 1992).

(D.) Interim vacancy, for whatever cause, in the office of any member of the Administration shall be filled for the unexpired term in the same manner as hereinabove provided for regular appointment.

(E.) Within sixty days after the effective date of this Compact, the Administration shall meet and organize. A quorum for any meeting shall consist of three voting members of the Administration. Each State member shall have one vote, and every decision, authorization, determination, order, or other action, shall require the concurring votes of at least three members.

(F.) The Administration shall have power to:

(1) Adopt, amend, and revoke by-laws, rules, and regulations, and prescribe procedures for administration of and consistent with the provisions of this Compact;

(2) Fix and determine from time to time the location of the Administration's principal office;

(3) Employ such engineering, legal, clerical, and other personnel without regard to the civil service laws of either State, as the Administration may determine necessary or proper to supplement State-furnished assistance as hereinafter provided, for the performance of its functions under this Compact; provided that such employees shall be paid by and be responsible to the Administration and shall not be considered to be employees of either State.

(4) Procure such equipment, supplies, and technical assistance as the Administration may determine to be necessary or proper to supplement State-furnished assistance as hereinafter provided, for the performance of its functions under this Compact;

(5) Adopt a seal which shall be judicially recognized.

(G.) In cooperation with the chief official administering water rights in each State and with appropriate Federal agencies, the Administration shall have and perform powers and duties as follows:

(1) To collect, analyze, correlate, compile and report on data as to water supplies, stream flows, storage, diversions, salvage and use of the waters of the Sabine River and its tributaries, and as to all factual data necessary or proper for the administration of this Compact;

(2) To designate as official stations for the administration of this Compact such existing water gauging stations (and to operate, maintain, repair and abandon

the same), and to locate, establish, construct, operate, maintain, repair and abandon additional such stations as the Administration may from time to time find and determine necessary or appropriate;

(3) To make findings as to the deliveries of water at Stateline, as hereinabove provided, from the stream-flow records of the Stateline gauge which shall be operated and maintained by the Administration or in cooperation with the appropriate Federal Agency, for determination of the actual Stateline flow, unless the Administration shall find and determine that, because of changed physical conditions, or for any other reason, reliable records are not obtainable thereat; in which case, such existing Stateline station may, with the approval of the Administration, be abandoned, and, with such approval, a substitute Stateline station established in lieu thereof;

(4) To make findings as to the quantities of reservoir storage, (including joint storage) and releases therefrom; diversions, transmission losses and as to incident stream-flow changes; and as to the share of such quantities chargeable against or allocable to the respective States;

(5) To record and approve all points of diversion at which water is to be removed from the Sabine River or its tributaries below the Stateline; provided that, in any case, the State agency charged with the administration of the water laws for the State in which such point of diversion is located shall first have approved such point for removal or diversion; provided further that any such point of removal or diversion once jointly approved by the appropriate State agency and the Administration shall not thereafter be changed without the joint amendatory approval of such State agency and the Administration;

(6) To require water users at their expense to install and maintain measuring devices of approved type in any ditch, pumping station, or other water diversion works on the Sabine River or its tributaries below the Stateline, as the Administration may determine necessary or proper for the purposes of this Compact; provided that the chief official of each State charged with the administration of water rights therein shall supervise the execution and enforcement of the Administration's requirements for such measuring devices;

(7) To investigate any violation of this Compact and to report findings and recommendations thereon to the chief official of the affected State charged with the administration of water rights, or to the Governor of such State as the Administration may deem proper;

(8) To acquire, hold, occupy and utilize such personal and real property as may be necessary or proper for the performance of its duties and functions under this Compact;

(9) To perform all functions required of the Administration by this Compact, and to do all things necessary, proper, or convenient in the performance of its duties hereunder.

(H.) Each State shall provide such available facilities, supplies, equipment, technical information, and other assistance, as the Administration may require to carry out its duties and functions, and the execution and enforcement of the Administration's orders shall be the responsibility of the agents and officials of the respective States charged with the administration of water rights therein. State officials shall furnish pertinent factual and technical data to the Administration upon its request.

(I.) Findings of fact made by the Administration shall not be conclusive in any court or before any agency or tribunal, but shall constitute prima facie evidence of such facts.

(J.) In the case of a tie vote on any of the Administration's determinations, orders or other actions subject to arbitration, then arbitration shall be a condition precedent to any right of legal action. Either side of a tie vote may, upon request, submit the question to arbitration. If there shall be arbitration, there shall be three arbitrators: one named in writing by each side, and the third chosen by the two arbitrators so elected. If the arbitrators fail to select a third within ten days, then he shall be chosen by the Representative of the United States.

(K.) The salaries, if any, and the personal expenses of each member of the Administration shall be paid by the Government which he represents. All other expenses incident to the Administration of this Compact, and which are not paid by the United States, shall be borne equally by the States. Ninety days prior to the Regular Session of the Legislature of either State, the Administration shall adopt and transmit to the Governor of such State for his approval its budget covering anticipated expenses for the forthcoming biennium, and the amount thereof payable by such State. Upon approval by its Governor, each State shall appropriate and pay the amount due by it to the Administration. The Administration shall keep accurate accounts of all receipts and disbursements, and shall include a statement thereof, together with a certificate of audit by a certified public accountant, in its annual report. Each State shall have the right to make an examination and audit of the accounts of the Administration at any time.

(L.) The Administration shall, whenever requested, provide access to its records by the Governor of either State, or by the chief official of either State charged therein with the administration of water rights. The Administration shall annually on or before January 15 of each year make and transmit to the Governors of the signatory States, and to the President of the United States a report of the Administration's activities and deliberations for the preceding year.

ARTICLE VIII

(A.) **This Compact shall become effective when ratified by the Legislature and approved by the Governors of both States, and when approved by the Congress of the United States.**

(B.) **The provisions of this Compact shall remain in full force and effect until modified, altered, or amended in the same manner as hereinabove required for ratification thereof. The right so to modify, alter, or amend this Compact is expressly reserved. This Compact may be terminated at any time by mutual consent of the signatory States. In the event this Compact is terminated as herein provided, all rights then vested hereunder shall continue unimpaired.**

(C.) **Should a court of competent jurisdiction hold any part of this Compact to be contrary to the constitution of any signatory State or of the United States of America, all other severable provisions of this Compact shall continue in full force and effect.**

ARTICLE IX

This Compact is made and entered into for the sole purpose of effecting an equitable apportionment and providing beneficial uses of the waters of the Sabine River, its tributaries, and its watershed, without regard to the boundary between Louisiana and Texas, and nothing herein contained shall be construed as an admission on the part of either State or any agency, commission, department or subdivision thereof, respecting the location of said boundary; and neither this Compact nor any data compiled for the preparation or administration thereof shall be offered, admitted, or considered in evidence in any dispute, controversy, or litigation bearing upon the matter of the location of said boundary.

The term "Stateline," as defined in this Compact, shall not be construed to define the actual boundary between the State of Texas and the State of Louisiana.

ARTICLE X

Nothing in this Compact shall be construed as affecting in any manner any present or future rights or powers of the United States, its agencies or instrumentalities in, to, and over the waters of the Sabine River Basin.

IN WITNESS WHEREOF, the Representatives have executed this Compact in three counterparts hereof, each of which shall be and constitute an original; one of which shall be forwarded to the Administrator, General Services Administration of the United States of America, and one of which shall be forwarded to the Governor of each State.

DONE IN THE City of Logansport, in the State of Louisiana, this 26th day of January, 1953.

HENRY L. WOODWORTH, Representative for the State of Texas

JOHN W. SIMMONS, Representative for the State of Texas

ROY T. SESSUMS, Representative for the State of Louisiana

APPROVED: LOUIS W. PRENTISS, Representative of the United States

APPENDIX D

BY-LAWS
of
Sabine River Compact Administration

ARTICLE I
THE ADMINISTRATION

1. The Administration shall be that administration referred to in Article VII of the Sabine River Compact.

2. The credentials of each Member shall be filed with the Secretary of the Administration.

3. Each Member shall advise the office of the Administration in writing the address to which all official notices and other communications of the Administration shall be sent and shall further promptly advise the office of the Administration in writing of any change in such address.

ARTICLE II
OFFICERS

1. The officers of the Administration shall be: Chairman, Vice-Chairman, Secretary, and Treasurer.

2. The Representative of the United States shall be the Chairman of the Administration. The Chairman shall preside at meetings of the Administration. The Chairman's duties shall be such as are usually imposed upon such officers, and such as may be assigned by these By-Laws, or by the Administration from time to time; provided, however, that the Representative of the United States shall not have the right to vote.

2A. The Vice-Chairman shall be a member of the Administration and shall be elected by the Administration. The Vice-Chairman, once elected, shall serve a term expiring with their appointment or until such time as replaced by the Administration. The Vice-Chairman shall preside at any meeting in the absence of the Chairman and shall perform all duties of the Chairman. In the case of a vacancy in the office of Vice-Chairman, the Administration shall proceed as expeditiously as possible to elect a new Vice-Chairman.

3. The Secretary may be a Member of the Administration. The Secretary shall be elected by the Administration. The Secretary shall serve for such term and receive such salary and perform such duties as the Administration may direct. In the case of vacancy in the office of Secretary, the Administration shall proceed as expeditiously as possible to elect a new Secretary.

4. **The Treasurer may be a Member of the Administration. The Treasurer shall receive, hold and disburse all funds of the Administration; and the Treasurer shall furnish a bond for the faithful performance of the Treasurer's duties in such amount as the Administration may direct. The cost of such bond shall be paid by the Administration. The Treasurer shall keep an accurate account of all funds of the Administration in a well bound book.**

ARTICLE III
PRINCIPAL OFFICE

1. **There shall be a principal office of the Administration located in the office of the Secretary of the Administration and such other offices as may be designated by the Administration from time to time as necessary.**

2. **The principal office shall be open for business on such hours and on such days as the Administration may from time to time direct.**

3. **All permanent books and records of the Administration shall be kept in the principal office of the Administration in a fireproof vault.**

ARTICLE IV
MEETINGS

1. **The annual meeting of the Administration shall be held during the month of November of each year.**

2. **A schedule of regular meetings shall be adopted by the Administration from time to time together with the place where such meetings shall be held.**

3. **Special Meetings of the Administration may be called by the Chairman at any time. Upon written request of any two Members of the Administration, setting forth the matters to be considered at such Special Meetings, it shall be the duty of the Chairman to call a Special Meeting and designate the place of such Special Meeting. In the case of a vacancy in the office of Chairman or inability of the Chairman to act, the Vice-Chairman may call special meetings at the written request of any two Members of the Administration and designate the place of such Special Meetings.**

4. **Notice of all Meetings of the Administration shall be sent by the Secretary, or in the case of a vacancy in the Office of the Secretary to act, by the Chairman, to all Members of the Administration and, for informational purposes, to the Secretary of State of the States of Louisiana and Texas, by ordinary mail at least ten days in advance of each such meeting, and such notice shall state the purpose thereof. Any other matter deemed pertinent by the Administration may be considered at any such Meeting.**

5. **All meetings of the Administration shall be held at such place as shall be agreed upon by the Members of the Administration.**

6. **Minutes of the Administration shall be preserved in a suitable manner. Minutes, until approved, shall not be official, and shall be furnished only to Members of the Administration, its employees, and committees.**

7. **A quorum for any meeting shall consist of three voting Members of the Administration. Each State Member shall have one vote, and every decision, authorization, determination, order, or other action, shall require the concurring votes of at least three members.**

8. **At each regular meeting or annual meeting of the Administration, the order of business, unless agreed otherwise, shall be as follows:**

Call to Order
Reading of Unapproved Minutes
Approval of Unapproved Minutes
Report of Chairman
Report of Secretary
Report of Treasurer
Report of Committees
Unfinished Business
New Business
Adjournment

9. **All meetings of the Administration except Executive Sessions shall be open to the public. Executive Sessions shall be open only to Members of the Administration and such advisors as may be designated by each Member and employees as permitted by the Administration; provided, however, that the Administration may call witnesses before it when in such Sessions.**

10. **Any meeting of the Administration may be recessed from time to time and from the place set for the meeting to another place.**

ARTICLE V
COMMITTEES

1. **There shall be the following standing committees:**

Budget Committee
Engineering Committee
Legal Committee

2. **The standing committees shall have the following duties:**

   a. **The Budget Committee shall prepare the annual budget and shall advise the Administration on all fiscal matters that may be referred to it.**

b. **The Engineering Committee shall advise the Administration on all engineering matters that may be referred to it, and shall compile all pertinent engineering data and records.**

c. **The Legal Committee shall advise the Administration on all legal matters that may be referred to it.**

3. **Members of the Committees may or may not be Members of the Administration. The number of Members of each committee shall be determined from time to time by the Administration. The two Members of the Administration from each State shall designate the member or members on each Committee representing their State.**

4. **The Chairman shall be ex-officio member of all Committees.**

5. **The Chairman of each Committee shall be elected by the members of the Committee from its membership.**

6. **The Administration may from time to time create special committees, composed of such members and others, and assigned such tasks as the Administration may determine.**

7. **Formal committee reports shall be made in writing and filed with the Administration.**

ARTICLE VI
RULES AND REGULATIONS

1. **The Administration shall adopt rules and regulations consistent with the Sabine River Compact, and, in addition thereto, shall prescribe procedures for approval of all points of diversion of water from the Sabine River and for such other matters as may properly come before the Administration.**

2. **Rules and regulations of the Administration may be compiled, and copies may be prepared for distribution to the public under such terms and conditions as the Administration may prescribe.**

ARTICLE VII
FISCAL

1. **All funds of the Administration shall be received by the Treasurer and deposited by him to the credit of the Administration in a depository or depositories designated by the Administration.**

2. **Disbursements of funds in the hands of the Treasurer shall be made by check, signed by him, upon voucher approved by the Members of the Administration.**

3. On or before the 30th of June of each year, the Administration shall adopt and transmit a budget pursuant to the Sabine River Compact covering anticipated expenses for the forthcoming fiscal year, and the amount thereof payable by each State.

4. All receipts and disbursements of the Administration shall be audited annually by a qualified independent certified public accountant to be selected by the Administration.

5. The Administration shall include a statement of receipts and disbursements, together with a certificate of an audit report by a certified public accountant in its annual report.

6. An up-to-date inventory of all the property of the Administration shall be kept at the principal office of the Administration.

7. The fiscal year of the Administration shall begin September 1 of each year, and end August 31 of the next succeeding year.

ARTICLE VIII
ANNUAL REPORT

1. The Administration shall make and transmit to the Governors of the States signatory to the Sabine River Compact and to the President of the United States a report of the Administration's activities and deliberations for the preceding year, which shall be made on or before January 15 of each year.

2. The annual report shall include, among other things, the following:

   a. The estimated budget
   b. Report of annual audit
   c. All hydrologic data which the Administration deems pertinent
   d. Statements as to cooperative studies of water supplies made during the preceding year
   e. All findings of fact made by the Administration during the preceding year
   f. Such other pertinent matters as the Administration may require

ARTICLE IX
SEAL

1. The Administration shall have a seal which shall be a circular seal with the words "Sabine River Compact Administration" imprinted around the border.

2. The seal of the Administration shall be kept at the principal office of the Administration.

3. **The seal shall be affixed to all contracts or other official instruments in writing, and no such instrument or contract in writing shall be binding upon the Administration without such seal affixed thereto.**

ARTICLE X
MISCELLANEOUS

1. **All contracts or other instruments in writing to be signed for and on behalf of the Administration, except matters relating to the receipt or disbursement of funds, shall be signed by those officers as designated by the Administration from time to time.**

2. **The Administration shall designate as official stations such existing water-gauging stations, and establish such additional water-gauging stations as may from time to time be necessary or appropriate for the Administration of the Sabine River Compact, provided such designation shall include a gauging station located at stateline, as defined in said Compact. Provided, further, such stateline station may, with the approval of the Administration, be abandoned; and with such approval, a substitute stateline station established in lieu thereof.**

ARTICLE XI
AMENDMENTS TO BY-LAWS

Amendments to the By-Laws may be made at any meeting of the Administration, provided notice of the proposed amendment shall have been given in the notice of the meeting.

APPENDIX E

RULES AND REGULATIONS

The following rules and regulations, adopted December 13, 1955, and amended June 14, 1985, shall have binding force, subject to the provisions of the Sabine River Compact. They shall be constructed and enforced by the Sabine River Compact Administration in the manner best calculated to fairly and impartially accomplish the purposes for which the Compact was adopted:

1. **Each State will provide annual surface water-use data for the stateline reach of the Sabine River Basin by April 15 of the following year. In addition, each State will provide daily or weekly surface water-use data for specific areas in the Stateline reach, when requested by the Administration in response to an official complaint that water-use by one State is preventing the other State from diverting or using its share of the joint water supply.**

2. **By December 31, 1985 each signatory State shall have submitted to the Administration documentation of each existing water use from the Sabine River and tributaries within the area subject to Compact administration. The documentation for each water-use project shall include the purpose of use, the location of the diversion point, the rate and method of diversion, the maximum quantity of water to be derived annually, the measuring device approved and/or in use, any other pertinent features or special conditions of the project and, where available, a description of the legal bases for the water use authorization. This documentation shall also be provided to the other State.**

3. **The Administration, through the procedures described herein, shall approve points of diversion and diversion measuring devices, and advise each State when the Administration considers new water uses in each State to have significant potential to cause a Compact violation based upon historic flow conditions.**

    a. **All water-use projects in Texas or Louisiana initiated after the effective date of these rules or not timely submitted pursuant to Rule No. 2 above and subject to Compact Administration, shall be submitted by the appropriate State to the Administration for review. The information submitted shall include a description of the legal basis for the water use, the purpose of use, the location of the diversion point, the rate and method of diversion, the maximum quantity of water to be diverted annually, the measuring device approved and/or in use, and any other pertinent features or special conditions of the project.**

    b. **The water-use projects first shall be reviewed by the Secretary of the Administration. The Secretary will determine if all required information has been submitted by the State in which the project is located and will provide all such information to the other State for comments. Comments by the other State shall be submitted to the Secretary, with a copy to the**

State which submitted the project. The Secretary shall submit complete water- use project data and any State comments to the Engineering Committee members.

c. The Engineering Committee will review the water-use projects and report its findings directly to the Compact Administration if the project is undisputed, or to a joint session of the Engineering and Legal Committees if a portion of the project is questioned. If the Engineering Committee concludes that a project may have a significant potential for causing a Compact violation, it shall specify the flow conditions under which a potential violation could occur. The Engineering and Legal Committees will jointly report to the Compact Administration on any projects reviewed by them.

d. The Administration will vote on whether to approve diversion points and measuring devices, and on whether to inform the States that the Administration considers a water-use project to create a significant potential for causing a Compact violation. The findings of the Commission shall be provided to each State.

4. All points of diversion, if not in violation of the Sabine River Compact, shall be approved by the Administration. Disapproval shall not be used in an attempt to interfere with the right of either State to regulate within its boundaries the appropriation, use, and control of water not inconsistent with its obligation under the Compact.

5. The Administration shall deem a water-use project to create a significant potential for causing a Compact violation only if such project would exceed the amount estimated by the Administration as available for each State to use, considering the location of the diversion point, the flows of water available, and existing water uses. In furtherance of this advisory function, the Engineering Committee shall collect available flow and basin model data to estimate a range of flows available for use by each State in various reaches of the stateline based upon historical flow figures. A finding by the Administration regarding the potential of a water-use project to create a Compact violation shall in no way be deemed to interfere with the rights of Texas and Louisiana to apportion water within their respective states. However, the State in which such water-use project is located may be required by the Administration to monitor and report on a more frequent basis the diversions and flows in the affected reach of the streams in order to provide a higher degree of assurance of compliance with the terms of the Compact.

6. In accordance with ARTICLE VII(G) (6) of the Sabine River Compact, it shall be the policy of the Sabine River Compact Administration to require measuring equipment for all diverters subject to the terms of the Compact. Such measuring equipment shall be properly equipped with meters and devices of standard types to accurately measure the quantity of water diverted within generally accepted industry standards for accuracy, or as established by

the American Water Works Association. The measuring equipment so installed shall be properly maintained and shall be calibrated on a frequency as required for such equipment by the Administration. Metering devices shall be installed and maintained at the user's expense. The chief official of each state charged with the administration of water rights therein shall supervise the execution and enforcement of the Administration's standards for and requirements to install such metering devices.

7. The Administration may order a public hearing on any matter pending before it when it feels the public interest will be best served thereby.

8. All hearings shall be public, and the Administration shall hear any interested party and give due consideration to any pleadings, statements, or other offerings made by him. The Administration may waive formal rules of evidence.

9. Hearings by the Administration on any matter shall be conducted at such times and places as may be ordered by the Administration.

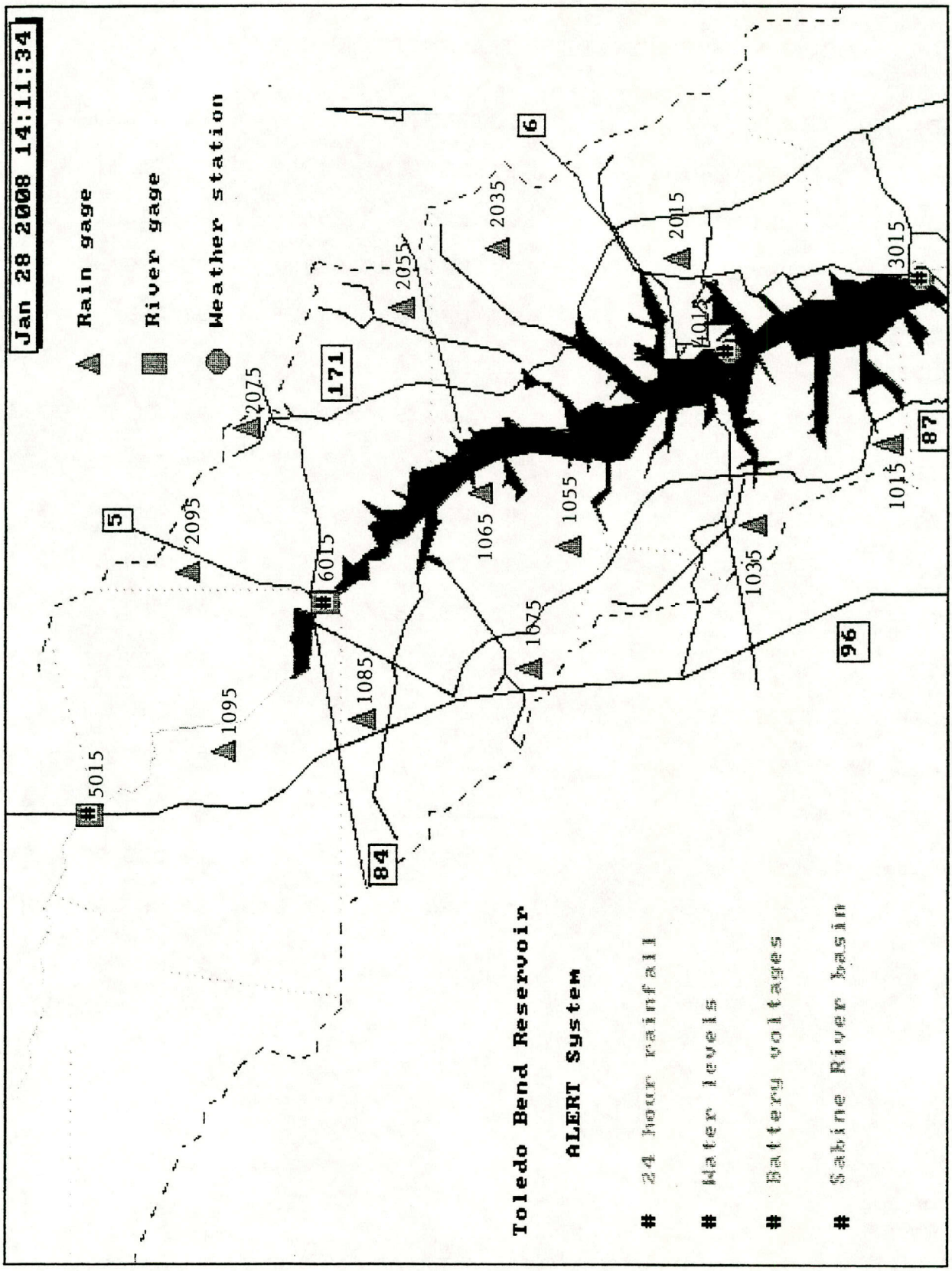
10. The Administration shall prepare and issue a notice of hearing after a resolution or order is entered in the minutes, setting the matter to be heard by public hearing. The notice of hearing shall be delivered or mailed to all interested parties at least fifteen days in advance of such hearing.

11. In the event anyone should desire to protest or oppose any matter pending before the Administration, a protest or opposition shall be filed with the Administration at least five days before the date on which the subject has been set for hearing.

12. Investigations of violations of the Compact shall be made by any member to the Administration or by any committee or employee therefore as directed by the Administration.

APPENDIX F

TOLEDO BEND RESERVOIR ALERT SYSTEM



LOCATION OF TOLEDO BEND TRANSMITTING WEATHER STATIONS

ID#	NAME	LATITUDE	LONGITUDE
1015	YELLOW PINE	31 DEG 13' 11.8"	93 DEG 50' 49.6"
1035	BRONSON	31 DEG 23' 29"	93 DEG 59' 52"
1055	GROVER LEE	31 DEG 33' 55"	93 DEG 54' 57"
1065	HUXLEY	31 DEG 45' 37.2"	93 DEG 52' 6.7"
1075	NEUVILLE	31 DEG 40' 33"	94 DEG 08' 50"
1085	FLAT FORK CREEK	31 DEG 53' 38.2"	94 DEG 12' 55.4"
1095	ANDERSON	32 DEG 07' 00"	94 DEG 15' 59"
2015	FLORIEN	31 DEG 26' 53"	93 DEG 31' 35"
2035	BELMONT	31 DEG 43' 00"	93 DEG 30' 26"
2055	PELICAN	31 DEG 53' 23"	93 DEG 35' 00"
2075	AIRPORT	32 DEG 04' 00"	93 DEG 45' 22"
2095	KEATCHIE	32 DEG 10' 22"	93 DEG 59' 40"
3015	SPILLWAY	31 DEG 11' 47.3"	93 DEG 34' 18.6"
4015	SITE 11	31 DEG 25' 08"	93 DEG 40' 39"
5015	HWY 59	32 DEG 19' 38"	94 DEG 21' 16"
6015	LOGANSPORT	31 DEG 58' 20"	94 DEG 00' 22"

SIXTEEN SITES (EIGHT IN EACH STATE) WITHIN THE SABINE BASIN TO BE USED IN REPORTING MONTHLY RAINFALL WITHIN THE BASIN FOR COMPARISON PURPOSES

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1015	YELLOW PINE	06 – 07	14.45	2.32	8.54	3.74	1.69	3.74	3.54	2.72	7.95	3.19	2.52	1.34	55.74
		05 – 06	0.91	1.46	2.2	2.87	4.8	3.15	4.84	3.39	1.02	2.83	2.28	1.73	31.48
		04 – 05	4.13	10.43	2.91	2.95	4.21	2.17	1.34	1.34	1.18	5.28	3.03	7.68	46.65
		03 – 04	1.89	8.74	2.09	4.53	8.74	2.52	5.51	8.03	6.97	2.09	3.31	5.35	59.77
		02 – 03	8.74	5.39	7.32	0.75	4.09	3.62	0.39	2.28	8.39	4.02	5.43	2.56	52.98
		01 – 02	2.83	4.37	5.31	3.46	2.48	3.31	1.93	1.93	2.28	1.97	2.4	3.7	35.97
		00 – 01	3.54	8.66	3.78	4.25	0.91	7.56	1.18	1.18	8.7	2.32	5.51	4.41	52
		99 – 00	2.2	0.31	2.24	1.3	0.75	5.31	4.37	6.02	5.55	1.06	0.35	2.09	31.55
		98 – 99	3.35	7.13	5.98	12.83	0.55	5.24	3.46	3.54	4.21	3.11	0.47	1.38	51.25
		97 – 98	2.28	3.35	6.02	8.31	4.09	2.48	0.55	0	3.43	0.16	3.5	8.66	42.83
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.43	5.22	4.64	4.50	3.23	3.91	2.71	3.04	4.97	2.60	2.88	3.89	46.02

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1035	BRONSON	06 – 07	12.44	2.13	7.01	6.85	1.46	2.05	3.82	4.41	9.02	8.66	0.87	0.98	59.7
		05 – 06	1.14	1.42	2.4	4.13	6.3	2.83	6.81	1.65	4.69	5.63	1.85	3.03	41.88
		04 – 05	4.96	13.9	4.13	3.11	6.65	5.2	1.81	1.73	0.75	5.43	2.8	5.55	56.02
		03 – 04	1.73	7.24	3.07	4.09	8.46	3.07	3.5	6.1	9.69	2.44	2.24	1.18	52.81
		02 – 03	6.34	5.04	9.13	0.75	5.08	2.32	2.95	2.01	2.83	4.96	4.69	3.62	49.72
		01 – 02	3.62	2.76	7.44	3.15	1.85	3.31	2.8	1.93	2.48	2.44	1.34	4.69	37.81
		00 – 01	0.12	12.52	3.78	4.88	1.97	9.17	4.02	1.57	10.24	0.43	3.78	7.2	59.68
		99 – 00	2.56	0.75	4.02	1.26	0.87	11.22	4.49	9.02	3.5	0.91	0.16	1.81	40.57
		98 – 99	6.38	7.32	4.61	8.39	0.51	3.66	1.57	3.78	6.02	4.41	0.2	6.3	53.15
		97 – 98	2.95	5.43	5.31	9.09	4.37	3.66	0.94	0	2.09	1.54	3.74	9.06	48.18
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.22	5.85	5.09	4.57	3.75	4.65	3.27	3.22	5.13	3.69	2.17	4.34	49.95

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1055	GROVER LEE	06 – 07	11.02	1.34	6.89	8.27	1.77	2.13	2.64	2.44	4.13	9.02	1.22	2.09	52.96
		05 – 06	1.26	1.3	2.17	3.35	5.91	2.56	2.87	2.05	1.93	1.61	0.08	0.91	26
		04 – 05	5.83	10.98	3.86	4.13	4.92	2.76	2.76	1.54	0.75	4.69	3.7	5.2	51.12
		03 – 04	3.5	6.61	2.28	4.45	10.35	3.11	3.31	5.94	8.9	2.72	2.56	1.02	54.75
		02 – 03	4.88	5.35	9.29	0.98	7.05	2.72	2.99	1.1	3.78	5	2.83	5.59	51.56
		01 – 02	3.03	3.94	8.07	2.87	2.09	3.54	1.26	0.83	2.76	2.64	1.22	1.26	33.51
		00 – 01	0.43	11.3	5.39	5.39	4.02	9.37	1.77	1.5	10.2	0.79	5.31	6.26	61.73
		99 – 00	3.07	1.14	3.58	1.5	0.75	8.11	5.28	2.48	2.28	0.51	1.34	1.85	31.89
		98 – 99	4.02	6.1	4.49	8.94	0.79	3.82	1.1	6.18	3.11	0.67	0.12	1.22	40.56
		97 – 98	6.38	4.25	6.06	6.26	5.51	4.02	3.03	0	1.85	0.94	8.19	9.92	56.41
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.34	5.23	5.21	4.61	4.32	4.21	2.70	2.41	3.97	2.86	2.66	3.53	46.05

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1065	HUXLEY	06 – 07	3.07	2.4	6.06	7.64	1.42	1.38	1.69	2.01	4.09	8.03	0.35	3.5	41.64
		05 – 06	1.42	1.34	2.01	5.12	6.34	2.83	1.97	1.1	1.18	1.89	0.39	0.67	26.26
		04 – 05	6.3	10.28	2.56	3.27	4.37	1.97	2.01	1.22	1.1	1.65	1.73	3.94	40.4
		03 – 04	1.02	7.48	2.36	4.49	11.5	4.09	3.5	5.04	6.97	1.14	4.25	0.39	52.23
		02 – 03	4.88	6.81	8.98	1.02	7.01	1.26	2.13	0.83	6.81	9.84	1.85	1.73	53.15
		01 – 02	2.95	5.67	7.72	3.46	1.81	4.65	3.27	1.65	0.79	2.72	1.34	1.3	37.33
		00 – 01	0.16	11.81	4.17	5.31	4.8	7.76	0	0	3.66	1.14	6.3	3.82	48.93
		99 – 00	2.72	0.98	3.98	1.18	0.59	8.5	5.63	2.56	4.25	0.24	1.1	2.28	34.01
		98 – 99	4.33	6.5	4.96	11.77	0.94	4.57	1.34	4.69	3.43	2.6	0.04	0.94	46.11
		97 – 98	5.91	3.7	6.93	8.35	7.05	2.72	2.91	0	2.2	0.79	2.95	7.99	51.5
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.28	5.70	4.97	5.16	4.58	3.97	2.45	1.91	3.45	3.00	2.03	2.66	43.16

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1075	NEUVILLE	06 – 07	9.72	2.05	7.01	7.4	1.5	1.42	1.89	2.36	6.14	8.39	0.98	2.44	51.3
		05 – 06	0.47	2.64	1.81	4.8	6.26	2.44	3.11	2.48	3.82	3.27	2.09	1.26	34.45
		04 – 05	7.17	10.39	3.35	3.62	5.63	3.27	2.6	1.1	1.3	2.17	1.81	1.65	44.06
		03 – 04	1.38	6.02	2.64	4.8	9.37	2.76	4.69	6.34	9.37	1.3	4.02	0.87	53.56
		02 – 03	3.03	6.26	8.86	0.98	8.19	2.01	2.13	0.28	5.24	5.51	6.3	5.43	54.22
		01 – 02	3.86	5.55	8.19	3.11	1.81	5.2	2.95	1.57	4.49	5.2	0.63	0.55	43.11
		00 – 01	0.63	10.94	4.84	4.84	7.28	8.66	2.17	1.77	7.8	1.34	3.19	6.1	59.56
		99 – 00	3.82	0.63	3.94	1.1	0.39	6.06	3.82	4.02	2.48	0.16	0.35	2.68	29.45
		98 – 99	3.82	6.69	5.12	9.69	0.87	4.17	2.8	9.25	4.21	2.44	0.12	1.22	50.4
		97 – 98	5.2	3.5	5.75	5.59	5.94	1.97	2.8	0	2.44	1.26	5.43	5.91	45.79
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.91	5.47	5.15	4.59	4.72	3.80	2.90	2.92	4.73	3.10	2.49	2.81	46.59

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1085	FLAT FORK CREEK	06 – 07	4.61	1.46	6.54	8.27	1.97	1.3	3.15	5.2	4.76	7.24	0.12	1.14	45.76
		05 – 06	1.42	0.67	1.89	5.51	5.31	2.91	4.02	2.6	4.41	5.63	2.44	1.54	38.35
		04 – 05	5.16	11.5	4.21	3.46	6.1	2.8	3.27	0.83	1.3	1.46	2.64	7.36	50.09
		03 – 04	1.5	6.18	3.54	4.92	10.04	3.03	5.87	6.38	8.03	2.24	4.25	1.34	57.32
		02 – 03	6.22	5.55	9.96	0.71	6.97	2.64	1.69	0.43	4.8	7.91	3.03	3.9	53.81
		01 – 02	3.78	3.35	6.65	3.15	2.17	6.02	3.74	3.58	4.96	5.51	2.4	0.98	46.29
		00 – 01	0.55	13.23	5.51	5.16	5.28	8.58	0.91	4.09	4.45	0.04	1.18	5	53.98
		99 – 00	3.23	0.63	3.46	1.42	2.28	3.82	3.27	4.65	5.51	0.24	0	1.97	30.48
		98 – 99	4.65	6.77	5.16	10.08	1.02	3.74	2.95	6.18	4.8	2.6	0	2.24	50.19
		97 – 98	5.31	2.72	5.55	7.36	7.4	2.87	1.46	0	0.87	1.77	5.08	5.75	46.14
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.64	5.21	5.25	5.00	4.85	3.77	3.03	3.39	4.39	3.46	2.11	3.12	47.24

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
1095	ANDERSON	06 – 07	3.07	2.83	5.35	7.4	3.27	1.61	1.81	3.39	5.16	7.56	0.31	1.18	42.94
		05 – 06	1.06	0.35	1.57	5.47	4.88	3.98	2.44	1.54	4.69	5.39	1.14	2.72	35.23
		04 – 05	6.93	12.56	1.02	1.93	4.57	3.27	4.61	3.11	1.77	6.1	2.32	5.04	53.23
		03 – 04	2.4	4.57	1.77	2.48	7.72	3.58	3.82	5.91	9.49	1.54	2.09	5.43	50.8
		02 – 03	5.35	4.02	9.37	0.87	6.42	1.18	2.09	0.55	6.38	3.62	2.83	1.81	44.49
		01 – 02	6.18	3.07	5.91	2.01	2.99	5.28	3.5	3.11	1.93	2.64	0.2	1.89	38.71
		00 – 01	0.83	12.17	5.31	5.98	4.33	7.01	0.98	4.25	3.39	0.2	5.98	6.73	57.16
		99 – 00	3.5	0.35	3.58	1.42	0.67	7.36	5.67	5	4.57	0.2	0	1.38	33.7
		98 – 99	6.38	5.98	5.31	13.03	0.83	4.49	4.17	7.01	5.08	1.81	0.43	0.87	55.39
		97 – 98	7.36	3.07	5.04	6.93	7.4	3.82	0.87	0.63	0.47	0.16	1.42	6.06	43.23
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.31	4.90	4.42	4.75	4.31	4.16	3.00	3.45	4.29	2.92	1.67	3.31	45.49

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
2015	FLORIEN	06 – 07	12.91	1.65	10.12	4.84	1.14	2.8	3.39	3.23	3.11	5.94	0.59	1.14	50.86
		05 – 06	0.98	1.77	2.8	4.49	6.77	3.46	6.42	1.54	2.4	5	2.68	1.42	39.73
		04 – 05	5.91	9.72	3.43	2.68	4.96	2.83	2.36	1.34	1.57	4.72	2.36	4.09	45.97
		03 – 04	0.98	7.76	2.68	4.61	9.92	2.52	3.54	8.66	7.72	2.52	3.62	1.22	55.75
		02 – 03	10.63	7.28	12.09	0.87	5.2	3.15	3.07	0.94	6.73	2.64	2.32	4.65	59.57
		01 – 02	2.76	5.71	5.98	2.8	3.15	2.6	3.03	1.5	1.42	1.69	0.31	1.1	32.05
		00 – 01	0.31	12.64	3.43	5.59	1.5	8.54	0.98	1.1	5.55	1.57	3.82	4.49	49.52
		99 – 00	1.89	0.31	4.21	1.02	0.75	5.63	5.67	2.52	0.47	0.91	0.16	0.87	24.41
		98 – 99	3.66	8.03	7.72	9.96	0.75	5.67	3.43	1.54	2.17	2.56	1.3	1.26	48.05
		97 – 98	4.13	3.54	6.42	9.09	5.51	3.78	0.79	0	1.81	0.83	1.85	8.03	45.78
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.42	5.84	5.89	4.60	3.97	4.10	3.27	2.24	3.30	2.84	1.90	2.83	45.17

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
2035	BELMONT	06 – 07	13.19	2.87	10.94	10.63	1.14	1.1	3.23	4.92	4.17	6.97	3.35	1.1	63.61
		05 – 06	1.34	1.73	2.68	4.21	6.61	3.27	4.09	3.03	3.9	3.78	0.67	1.06	36.37
		04 – 05	5.59	12.6	4.49	3.43	5.63	2.83	2.01	2.01	0.47	4.72	4.8	4.25	52.83
		03 – 04	1.5	6.34	2.87	5	11.06	2.13	3.19	5.51	7.91	3.46	2.91	1.1	52.98
		02 – 03	7.87	7.05	11.06	1.42	9.72	3.39	1.73	0.59	9.88	3.5	6.22	5.04	67.47
		01 – 02	3.46	5.28	10.51	5.28	2.95	2.24	3.66	2.99	2.13	4.33	3.86	3.94	50.63
		00 – 01	0	11.89	4.57	5.31	5.04	10.39	4.88	1.85	7.56	1.85	4.06	7.44	64.84
		99 – 00	1.5	1.26	4.37	1.42	1.69	6.85	6.81	3.07	3.43	3.9	0.16	0.04	34.5
		98 – 99	3.98	6.5	5.75	12.56	0.98	4.49	2.13	5.51	7.05	1.77	0.71	2.52	53.95
		97 – 98	3.43	1.46	7.17	8.11	7.17	4.25	2.44	0	2.01	1.26	7.8	8.98	54.08
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.19	5.70	6.44	5.74	5.20	4.09	3.42	2.95	4.85	3.55	3.45	3.55	53.13

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
2055	PELICAN	06 – 07	9.49	2.91	9.49	7.72	1.42	1.02	3.5	5.47	3.54	9.25	0.51	2.4	56.72
		05 – 06	1.54	1.61	2.48	4.21	9.17	4.29	3.78	2.24	3.43	2.6	0.75	1.1	37.2
		04 – 05	6.34	11.02	3.43	4.09	5.67	1.81	3.74	1.46	2.24	4.17	2.05	3.58	49.6
		03 – 04	2.2	5.75	2.4	4.37	10.43	4.69	3.19	6.85	7.99	3.7	2.75	6.61	60.93
		02 – 03	5.35	5.91	9.37	0.98	7.05	1.65	2.28	0.98	5.35	3.66	3.15	6.57	52.3
		01 – 02	3.39	5.91	8.43	3.03	2.4	4.37	3.46	1.97	1.77	5.51	2.4	2.17	44.81
		00 – 01	0.51	11.3	5.75	5.24	4.92	9.21	2.01	1.69	6.18	1.85	5.71	5.35	59.72
		99 – 00	1.46	0.83	3.23	1.57	0.71	6.61	4.96	5.87	3.19	1.02	0.31	1.18	30.94
		98 – 99	3.66	6.89	5.67	12.09	1.14	6.69	0.87	2.64	4.06	3.27	0.91	1.5	49.39
		97 – 98	5.75	3.46	7.05	7.8	7.83	3.54	2.2	0	1.42	0.91	5.55	8.5	54.01
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.97	5.56	5.73	5.11	5.07	4.39	3.00	2.92	3.92	3.59	2.41	3.90	49.56

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
2075	AIRPORT	06 – 07	6.42	1.97	4.84	7.52	1.61	1.02	2.72	3.98	5.43	8.5	0.91	2.2	47.12
		05 – 06	1.22	1.77	1.77	4.21	6.61	2.87	3.62	3.39	5.16	3.19	5.08	1.5	40.39
		04 – 05	7.01	9.45	3.11	3.82	6.46	3.66	3.43	1.06	1.65	0.63	1.89	5.55	47.72
		03 – 04	1.81	6.26	2.6	4.33	10.04	3.58	4.53	5.39	12.17	1.65	2.36	1.77	56.49
		02 – 03	4.76	5.39	10.51	0.94	7.17	1.3	0.87	1.73	6.57	2.01	2.17	4.76	48.18
		01 – 02	4.92	3.19	8.46	4.37	1.97	4.84	3.82	1.69	1.69	3.62	1.14	1.1	40.81
		00 – 01	0.47	10.63	3.98	4.72	5.94	7.13	4.57	0.94	6.3	0.28	2.87	7.28	55.11
		99 – 00	2.95	0.31	3.35	0.91	0.59	9.49	7.91	4.8	3.62	0.12	0.98	1.57	36.6
		98 – 99	3.15	4.65	4.57	11.26	0.75	3.54	2.32	2.95	5.79	2.28	2.44	1.81	45.51
		97 – 98	9.49	3.7	6.22	7.52	6.93	3.78	2.4	0	1.42	1.02	1.77	6.65	50.9
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.22	4.73	4.94	4.96	4.81	4.12	3.62	2.59	4.98	2.33	2.16	3.42	46.88

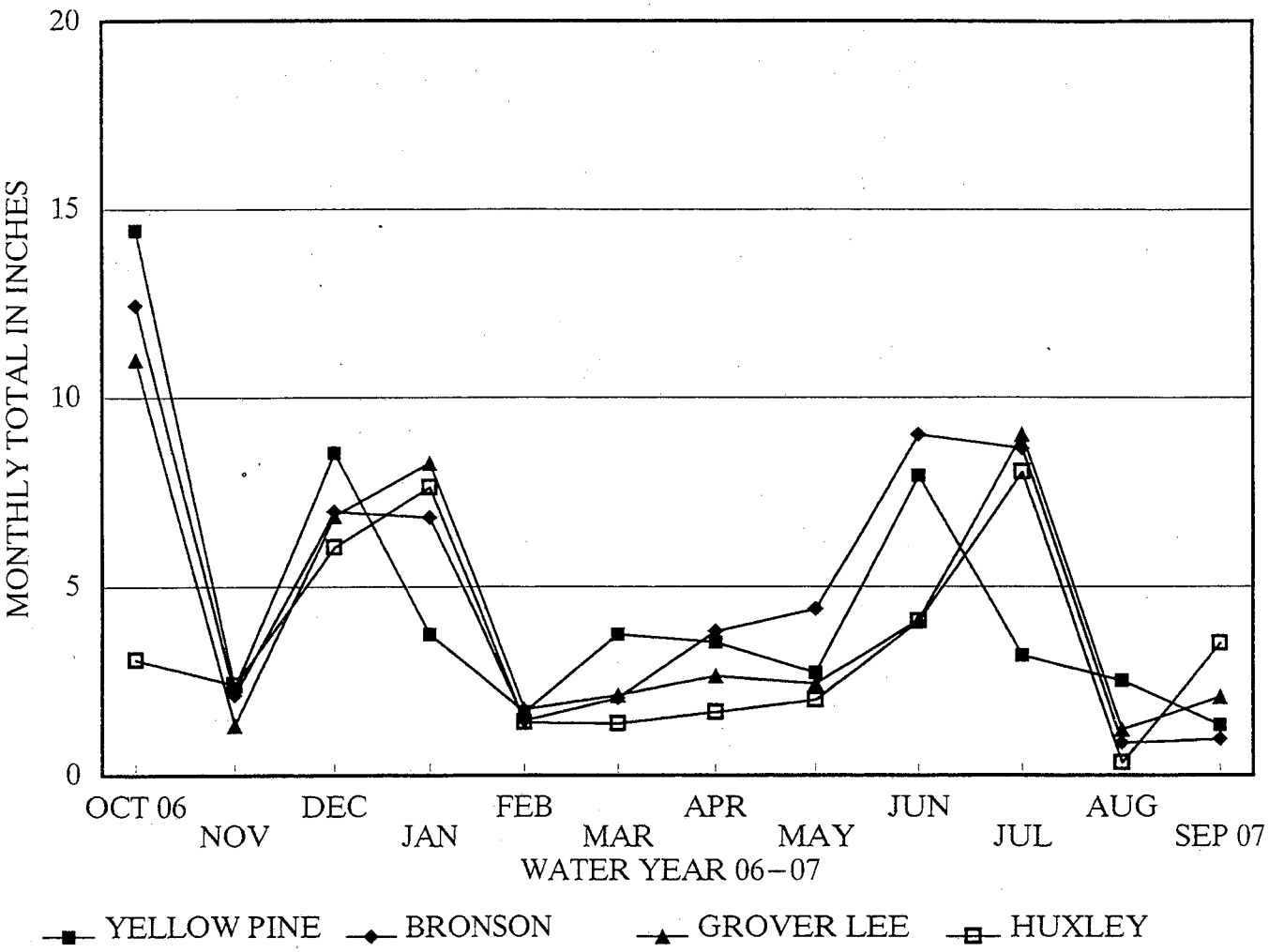
STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
2095	KEATCHIE	06 – 07	4.8	2.72	5.59	8.62	1.61	1.61	1.5	3.9	3.94	8.15	1.1	1.46	45
		05 – 06	1.46	0.71	1.57	4.8	5.71	3.9	1.54	1.81	2.56	5.2	1.06	2.24	32.56
		04 – 05	6.61	9.33	3.98	4.29	5.16	3.27	5.63	0.87	1.97	3.74	0.98	8.35	54.18
		03 – 04	2.24	7.05	4.25	3.82	8.19	1.73	3.82	3.86	9.96	0.98	0.94	2.8	49.64
		02 – 03	5.75	3.78	10.08	1.1	7.01	1.57	0.98	2.44	7.52	3.19	1.77	4.25	49.44
		01 – 02	4.17	2.87	5.31	2.68	2.17	5.39	4.45	3.15	0.94	5	0.43	1.42	37.98
		00 – 01	0.43	11.77	5.83	6.54	6.18	7.2	1.18	3.74	5.87	0.75	6.02	11.77	67.28
		99 – 00	3.07	0.35	3.7	2.09	1.73	6.34	6.38	7.99	2.6	1.1	0.35	2.05	37.75
		98 – 99	5.08	6.46	4.96	12.83	0.63	4.88	5.2	6.1	4.69	2.32	0.35	1.85	55.35
		97 – 98	8.11	3.27	5.59	7.36	6.85	4.37	1.06	0	0.94	2.32	4.53	7.24	51.64
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.17	4.83	5.09	5.41	4.52	4.03	3.17	3.39	4.10	3.28	1.75	4.34	48.08

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
3015	SPILLWAY	06 – 07	15.39	1.06	9.65	3.19	1.73	1.81	1.85	2.4	4.53	6.18	0.83	1.06	49.68
		05 – 06	1.14	2.09	3.03	1.77	4.06	2.68	3.74	1.06	1.38	2.13	2.13	0.51	25.72
		04 – 05	2.95	9.84	2.8	2.01	5.2	1.69	2.76	0.87	2.56	5.75	0.98	7.32	44.73
		03 – 04	0.28	4.76	2.36	4.02	8.31	1.3	4.06	6.18	9.29	1.22	0.59	0.75	43.12
		02 – 03	8.9	6.85	7.99	1.3	4.92	3.31	0.16	0.94	5.71	1.69	4.25	4.49	50.51
		01 – 02	3.5	5.51	5.24	1.73	2.72	4.49	2.68	0.98	2.64	3.58	1.97	2.87	37.91
		00 – 01	1.54	10	2.36	4.61	2.32	9.06	1.65	0.83	7.99	1.3	4.45	3.66	49.77
		99 – 00	1.42	0.47	5.55	1.26	1.1	4.25	4.06	7.28	5.16	1.42	0	1.89	33.86
		98 – 99	3.74	6.06	5.12	8.35	0.63	8.07	5.79	2.6	4.02	7.24	0.28	2.32	54.22
		97 – 98	3.82	3.98	5.12	8.19	3.58	3.07	1.61	0	0.98	2.76	3.9	6.26	43.27
10 YEAR AVERAGE FROM OCT 97 – SEP 07			4.27	5.06	4.92	3.64	3.46	3.97	2.84	2.31	4.43	3.33	1.94	3.11	43.28

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
4015	SITE 11	06 – 07	14.45	1.93	8.46	7.56	1.46	2.28	4.25	1.46	2.36	2.44	0.08	NA	46.73
		05 – 06	1.1	1.65	2.76	3.86	6.89	2.8	5.35	2.87	3.78	4.17	0.63	1.02	36.88
		04 – 05	4.84	8.74	3.39	3.23	5.2	5.59	2.09	1.46	4.17	0.63	0.87	5.04	45.25
		03 – 04	1.65	N/A	N/A	N/A	3.7	0.91	5.08	6.61	4.06	0.35	3.11	0.91	26.38
		02 – 03	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
		01 – 02	N/A	N/A	N/A	N/A	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.2
		00 – 01	0.75	10.39	2.76	4.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	18.15
		99 – 00	2.24	0.28	2.2	0.94	0.08	6.02	4.61	5.59	4.33	0.59	0.67	1.22	28.77
		98 – 99	2.99	7.44	5.67	9.61	0.47	4.65	2.68	2.87	2.8	2.32	0.39	3.46	45.35
		97 – 98	3.7	3.54	5.98	6.3	3.86	3.54	0.75	0	2.01	0.94	2.72	4.57	37.91
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.17	3.40	3.12	3.58	2.19	2.58	2.48	2.09	2.35	1.14	0.85	1.62	28.56

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
5015	HIGHWAY 59	06 – 07	2.72	2.64	5.83	7.28	1.97	2.52	1.14	4.65	6.57	8.54	0	1.26	45.12
		05 – 06	1.46	0.94	0.94	5.39	4.49	4.02	1.97	1.5	2.36	5.16	2.8	3.15	34.18
		04 – 05	5.59	8.66	1.93	3.43	3.23	2.2	2.83	1.26	0.67	4.53	1.57	4.17	40.07
		03 – 04	1.77	2.44	2.56	3.9	6.61	3.15	3.82	5.24	12.4	0.51	0.98	7.05	50.43
		02 – 03	3.9	4.02	8.98	0.63	6.18	1.42	1.18	1.81	7.13	2.09	4.53	1.57	43.44
		01 – 02	5.67	3.43	5.67	2.05	2.52	5.12	3.78	2.83	1.77	5.98	0.35	2.24	41.41
		00 – 01	1.42	11.93	6.81	6.34	6.57	7.36	0.83	4.21	7.24	0.35	3.86	4.61	61.53
		99 – 00	2.87	0.08	2.17	2.44	1.46	5.55	4.65	3.82	4.29	1.02	0.51	1.57	30.43
		98 – 99	5.59	5.91	6.34	6.3	0.55	5.91	5.94	4.69	3.78	1.89	0.63	2.44	49.97
		97 – 98	4.92	3.62	4.57	5.12	6.46	7.24	1.26	1.02	0.28	0.04	2.99	7.13	44.65
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.59	4.37	4.58	4.29	4.00	4.45	2.74	3.10	4.65	3.01	1.82	3.52	44.12

STATION ID NO.	STATION NAME	WATER YEAR	MONTHLY TOTAL (00:00:00 BEGINNING OF MONTH TO AND INCLUDING 24:00:00 LAST OF MONTH) OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	WY TOTAL
6015	LOGANSPORT	06 – 07	0.75	1.42	6.1	6.97	3.74	0.94	2.8	3.82	4.49	7.48	0.04	0.98	39.53
		05 – 06	1.14	0.87	1.85	4.33	5.35	3.62	3.5	2.09	5.39	3.11	0.47	0.98	32.7
		04 – 05	5.91	8.27	3.03	4.25	6.26	4.13	2.6	1.26	0.83	2.68	1.02	6.97	47.21
		03 – 04	2.05	5.28	2.44	4.61	9.72	3.27	5.63	3.78	8.31	0.67	1.69	1.57	49.02
		02 – 03	4.61	5.51	12.01	1.1	8.35	1.81	1.85	0.59	4.76	5.28	2.32	5.16	53.35
		01 – 02	4.09	3.62	6.69	2.64	1.85	6.57	3.58	4.37	9.8	6.93	1.1	1.38	52.62
		00 – 01	0.16	9.72	5.55	5.39	5.39	8.7	1.73	2.95	6.06	0.2	3.35	7.32	56.52
		99 – 00	3.31	0.55	3.66	1.65	0.75	6.69	6.85	2.68	0.91	0.08	0.24	0.51	27.88
		98 – 99	5.28	5.83	5.63	12.4	1.18	3.78	2.68	5.98	9.17	3.82	0.12	1.81	57.68
		97 – 98	6.93	2.64	6.81	8.03	8.46	2.32	2.2	0.12	1.3	0.39	4.21	9.09	52.5
10 YEAR AVERAGE FROM OCT 97 – SEP 07			3.42	4.37	5.38	5.14	5.10	4.18	3.34	2.76	5.10	3.06	1.46	3.58	46.90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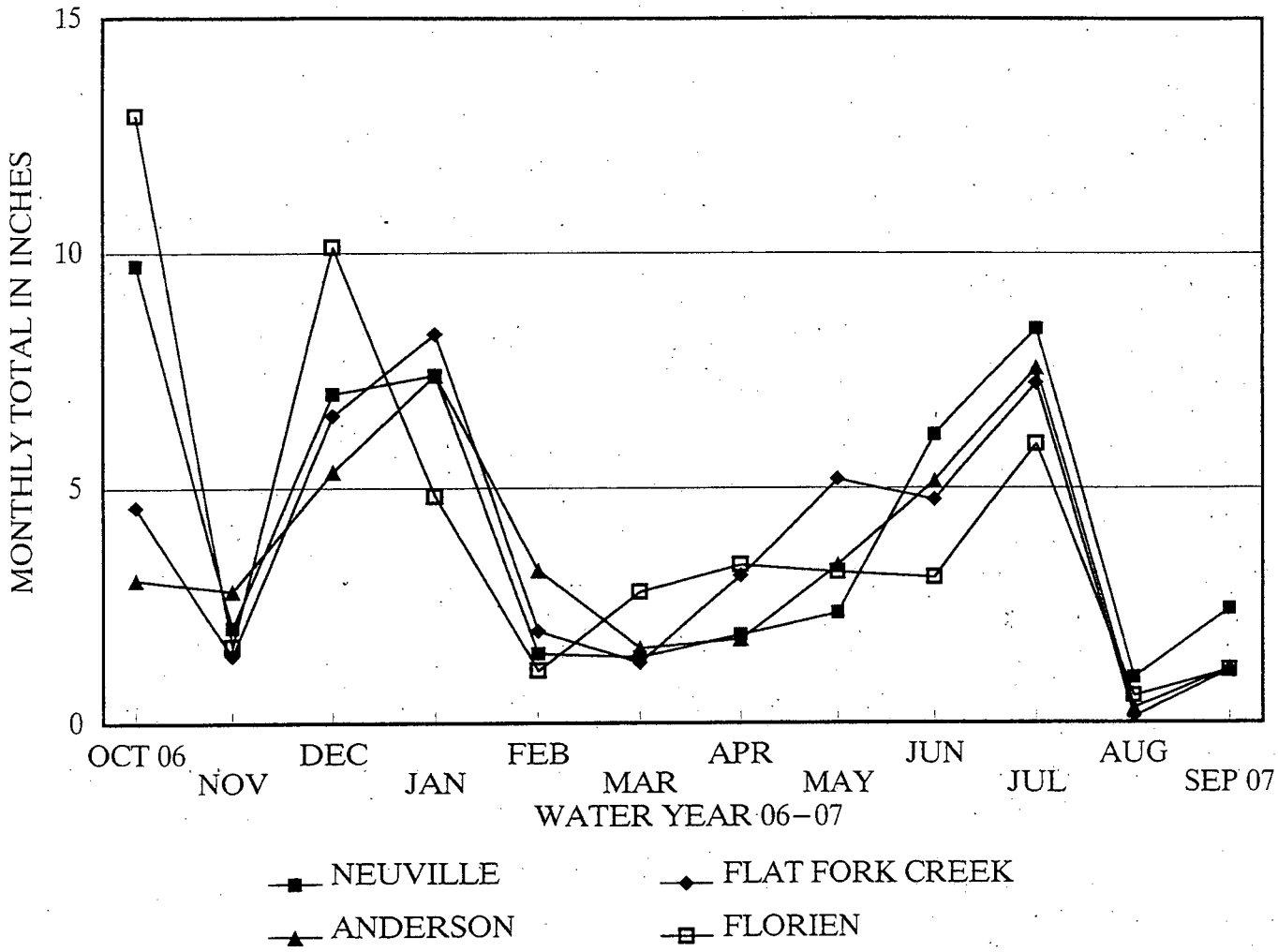
OCT 06
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP 07
WATER YEAR 06–07
YELLOW PINE
BRONSON
GROVER LEE
HUXLEY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MONTHLY TOTAL IN INCHES
OCT 06
NOV
DEC
JAN
FEB
MAR
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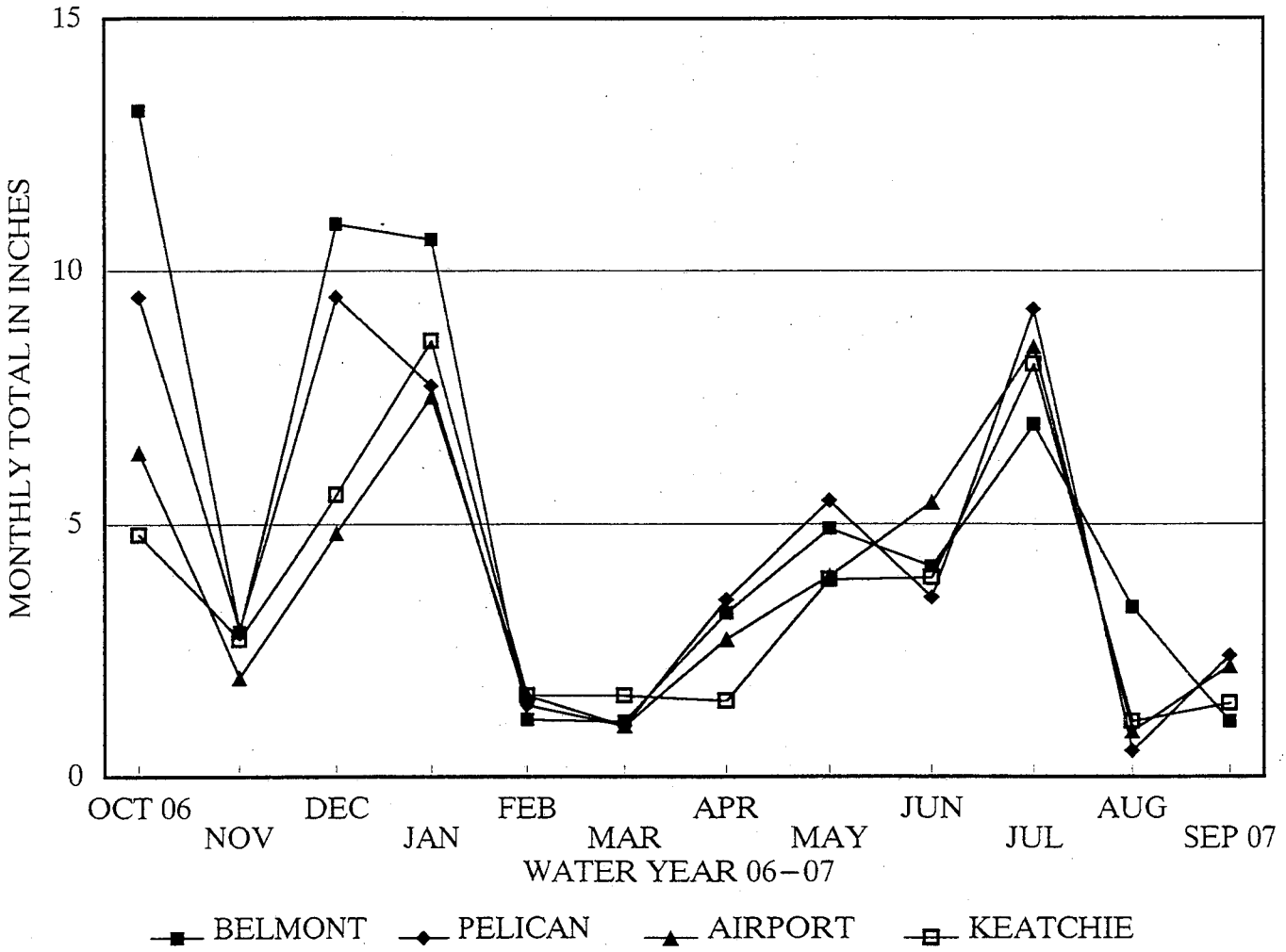
SEP 07
WATER YEAR 06-07
NEUVILLE
FLAT FORK CREEK
ANDERSON
FLORIEN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MONTHLY TOTAL IN INCHES
OCT 06
NOV
DEC
JAN
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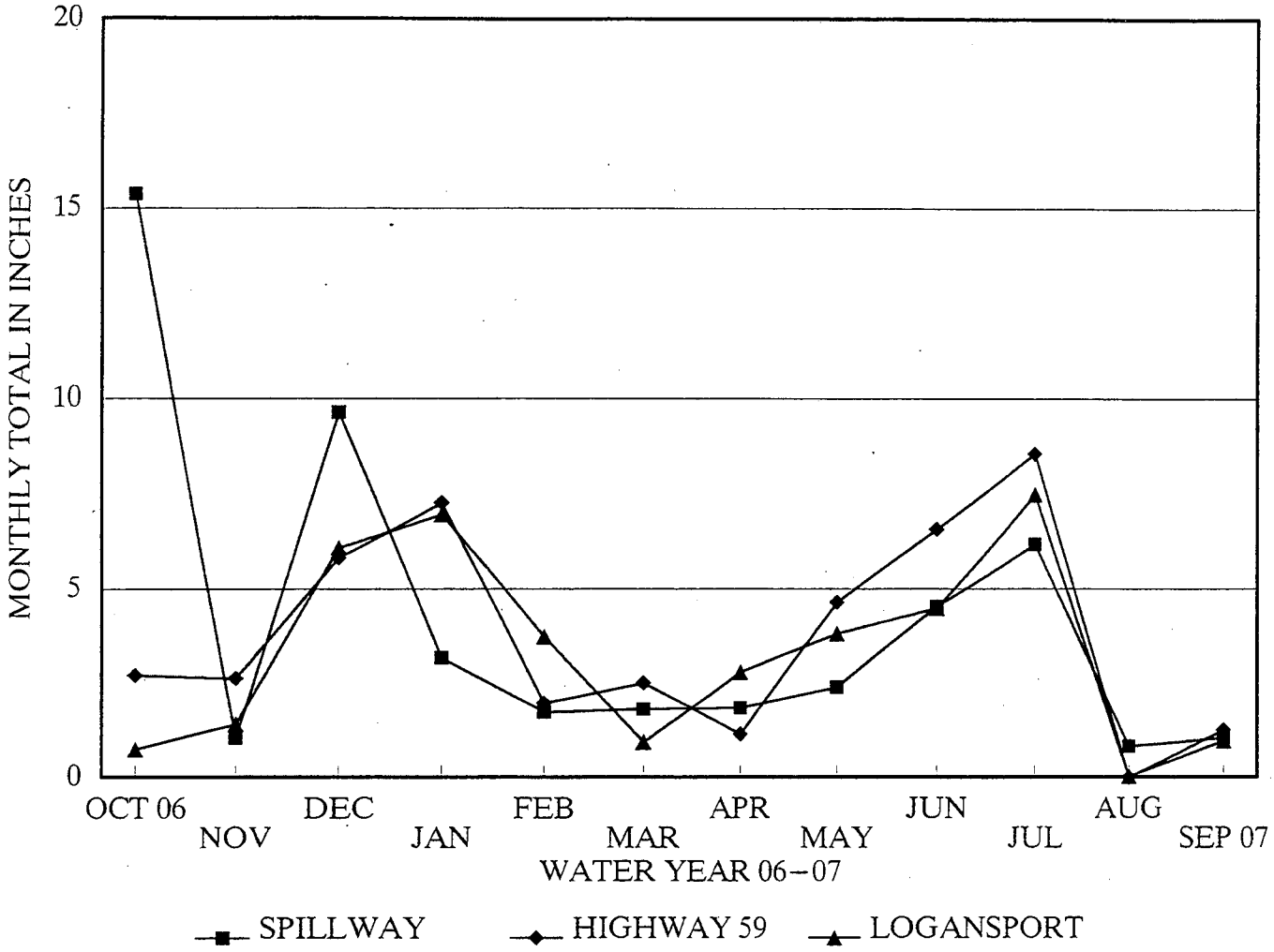
MAR
APR
MAY
JUN
JUL
AUG
SEP 07
WATER YEAR 06–07
BELMONT
PELICAN
AIRPORT
KEATCHIE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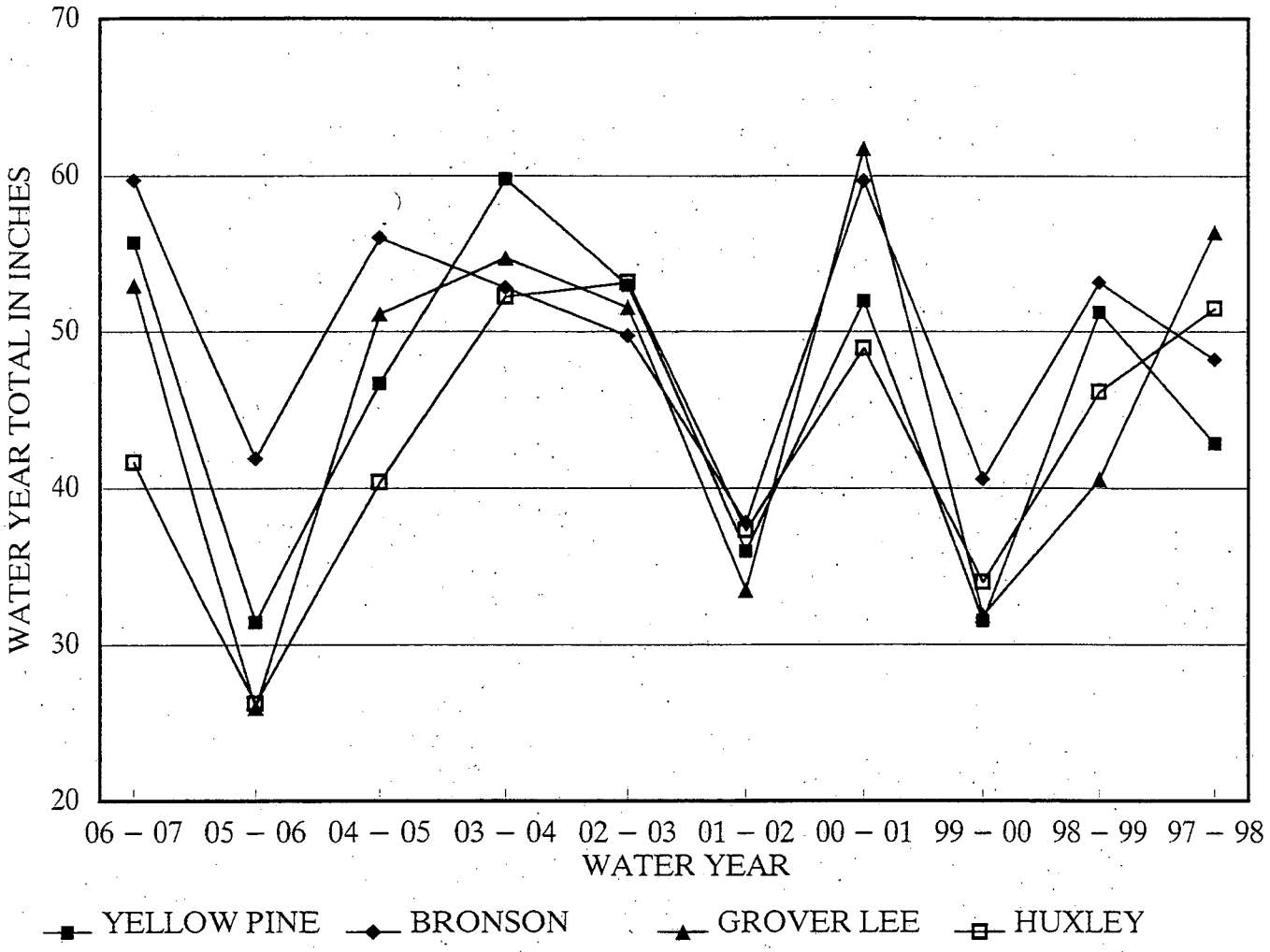
10
5
0
MONTHLY TOTAL IN INCHES
OCT 06
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP 07
WATER YEAR 06-07
SPILLWAY
HIGHWAY 59
LOGANSPORT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40
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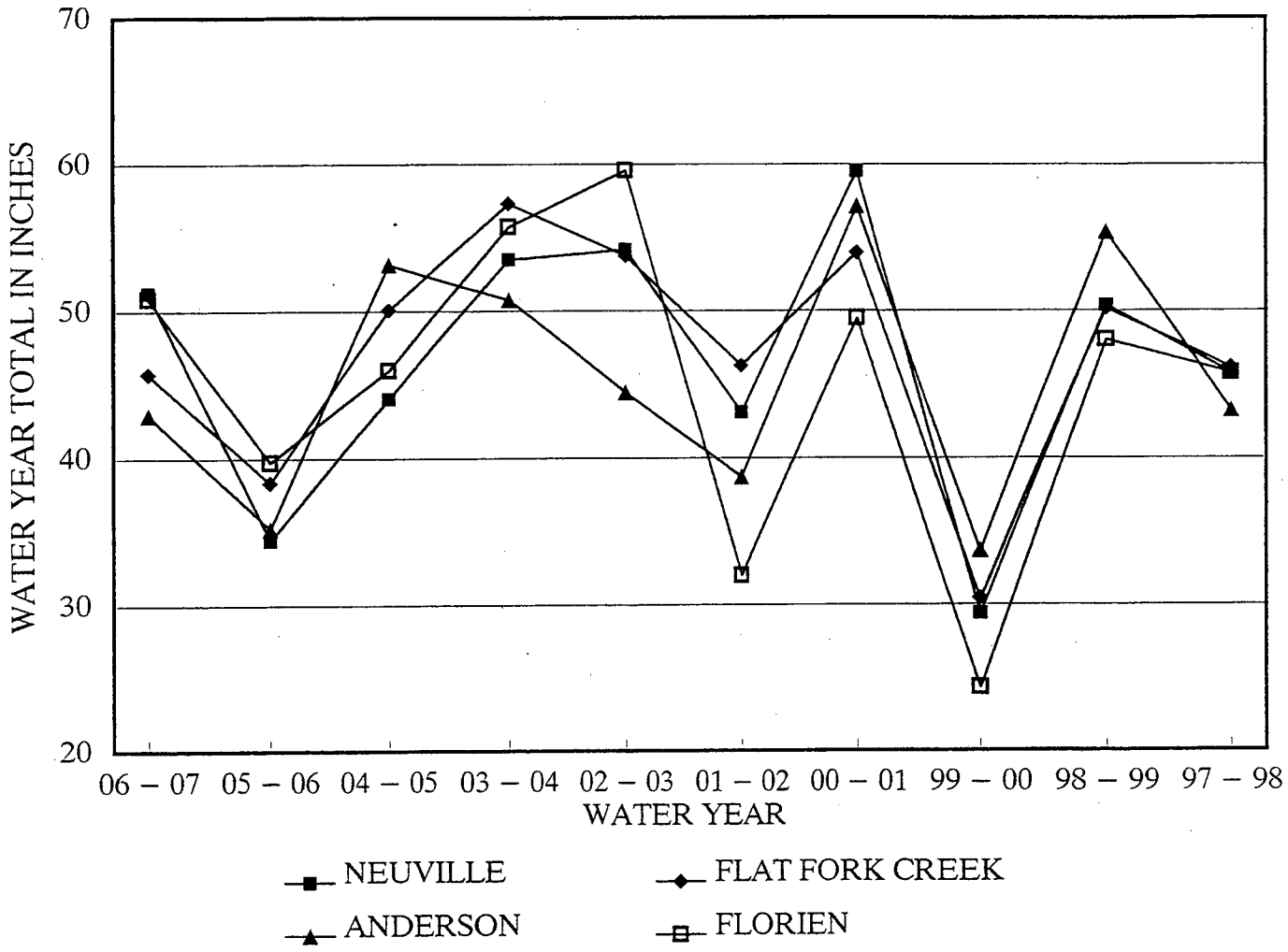
WATER YEAR TOTAL IN INCHES
06 – 07
05 – 06
04 – 05
03 – 04
02 – 03
01 – 02
00 – 01
99 – 00
98 – 99
97 – 98
WATER YEAR
YELLOW PINE
BRONSON
GROVER LEE
HUXLEY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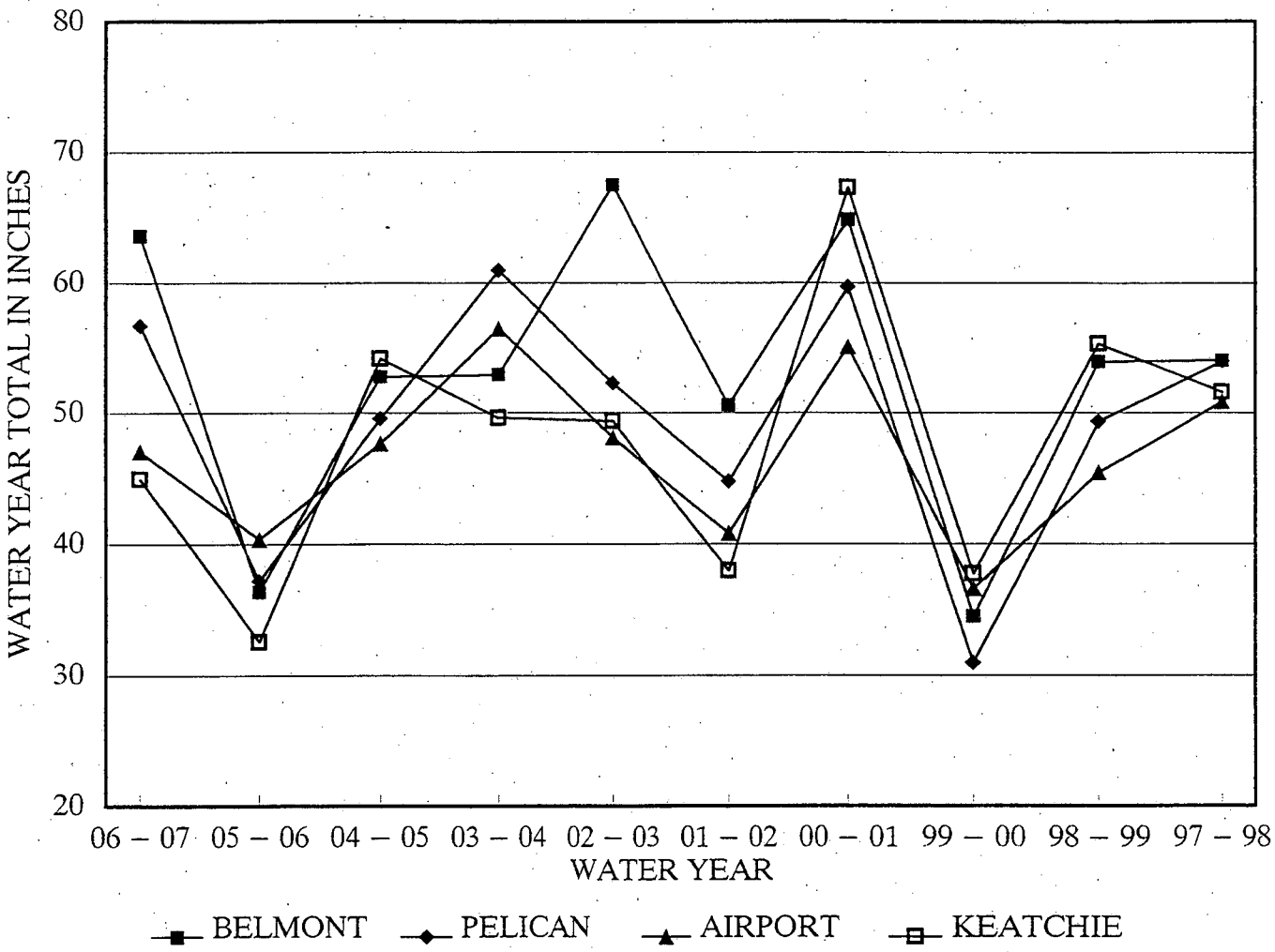
40
30
20
WATER YEAR TOTAL IN INCHES
06 – 07
05 – 06
04 – 05
03 – 04
02 – 03
01 – 02
00 – 01
99 – 00
98 – 99
97 – 98
WATER YEAR
NEUVILLE
FLAT FORK CREEK
ANDERSON
FLORIEN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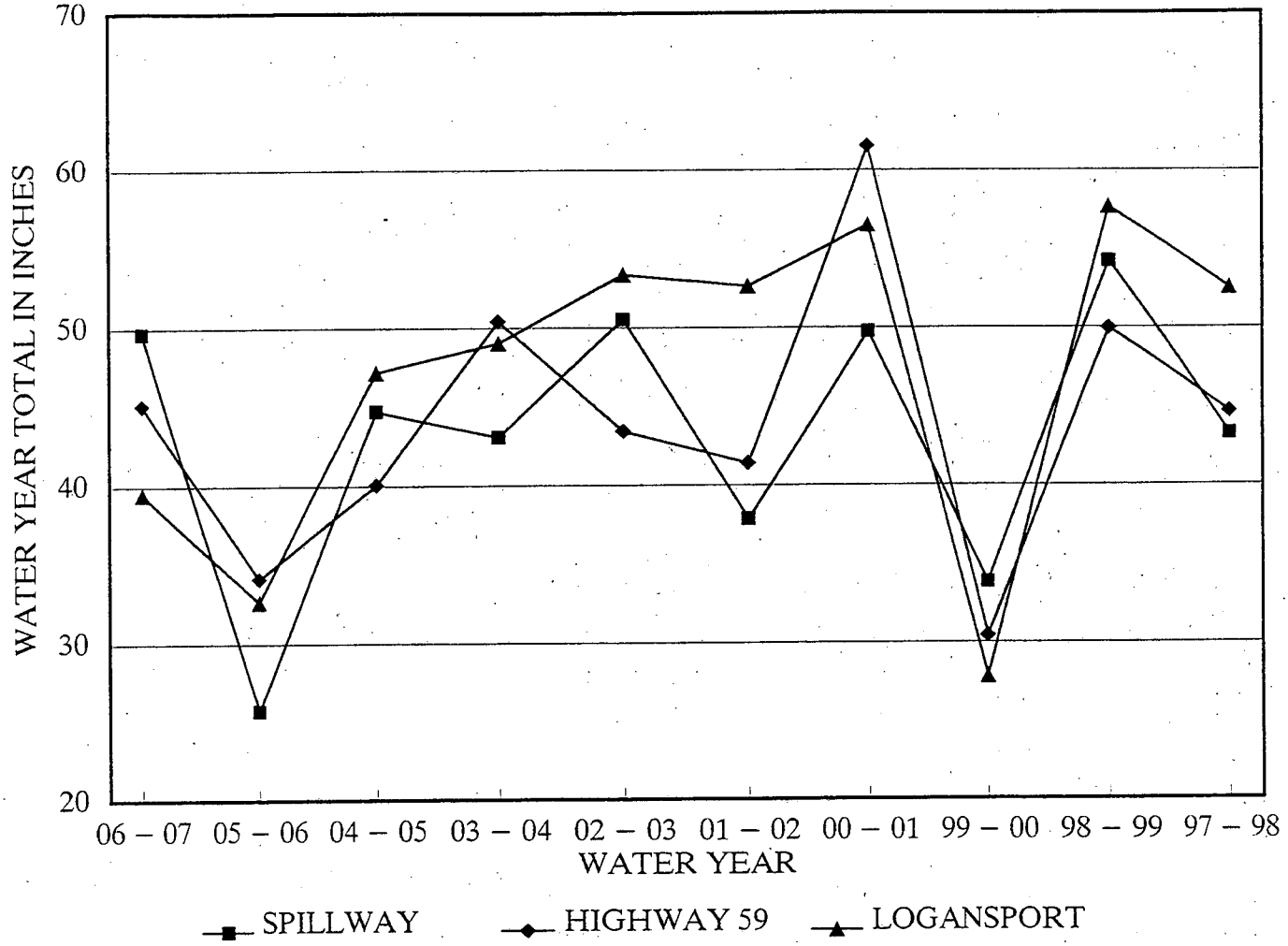
WATER YEAR TOTAL IN INCHES
06 – 07
05 – 06
04 – 05
03 – 04
02 – 03
01 – 02
00 – 01
99 – 00
98 – 99
97 – 98
WATER YEAR
BELMONT
PELICAN
AIRPORT
KEATCHIE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20
WATER YEAR TOTAL IN INCHES
06 – 07
05 – 06
04 – 05
03 – 04
02 – 03
01 – 02
00 – 01
99 – 00
98 – 99
97 – 98
WATER YEAR
SPILLWAY
HIGHWAY 59
LOGANSPORT

APPENDIX G

WEB SITE ADDRESSES
of
PARTICIPATORY AGENCIES

1. **U.S. Geological Survey (USGS) – http://water.usgs.gov**

2. **Sabine River Authority of Texas – http://www.sra.dst.tx.us**

3. **Sabine River Authority, State of Louisiana – http://www.toledo-bend.com/srala**

4. **National Weather Service – http://www.srh.noaa.gov**

5. **Louisiana Department of Transportation & Development (LADOTD) – http://www.dotd.state.la.us**

6. **Louisiana Department of Environmental Quality (LDEQ) – http://www.deq.state.la.us**

7. **Texas Attorney General's Office – http://www.oag.state.tx.us**

8. **Texas Commission on Environmental Quality – http://www.tceq.state.tx.us**