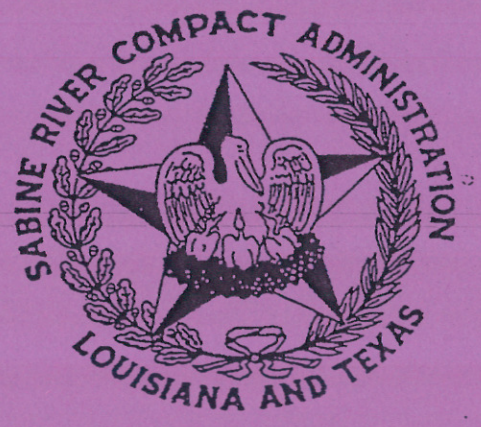


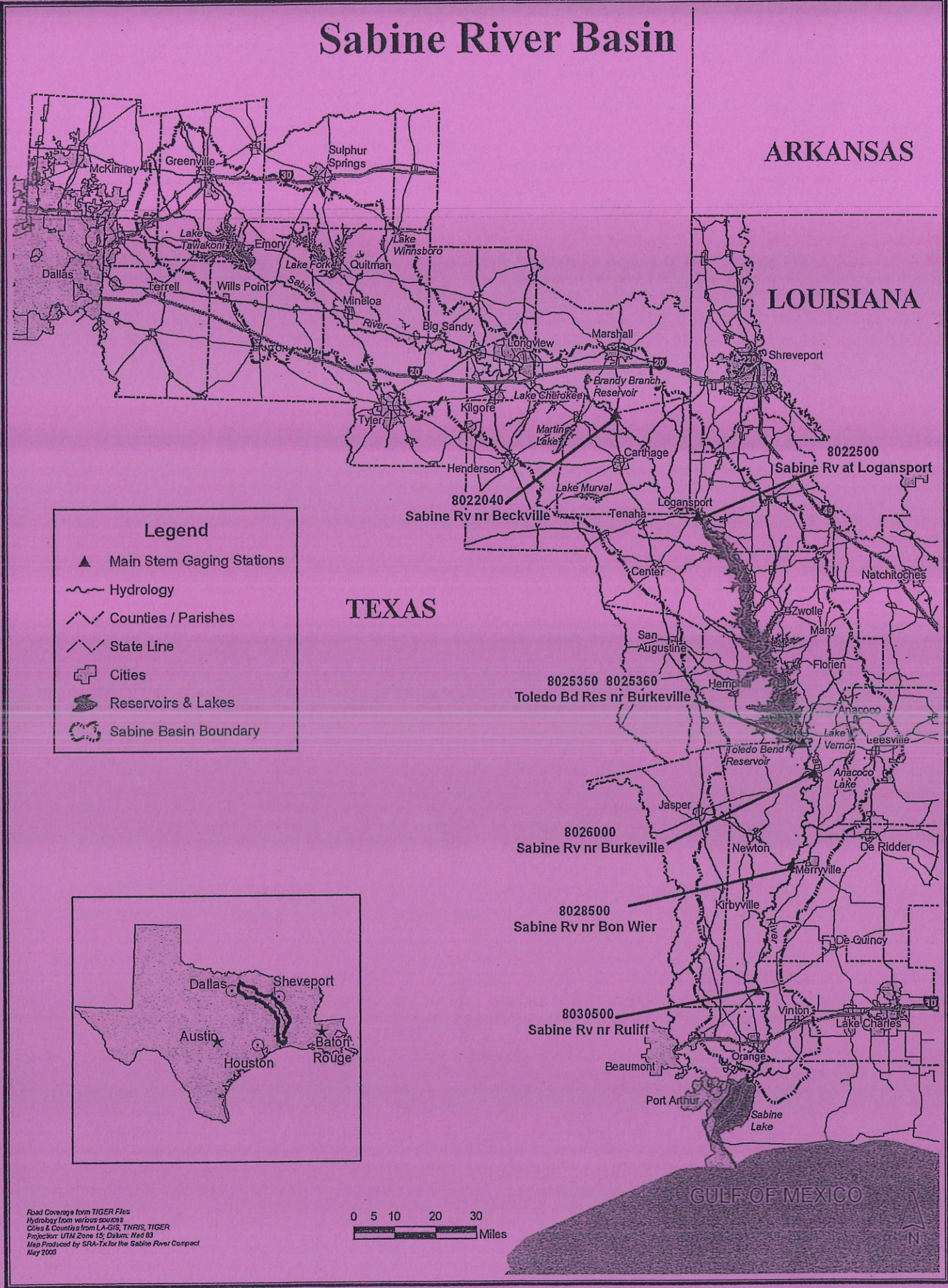
2015

SIXTY-FIRST

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 2006

SIXTY-FIRST ANNUAL REPORT

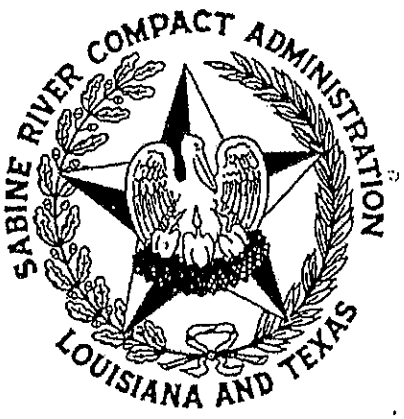
SABINE RIVER COMPACT ADMINISTRATION

FOR THE YEAR 2015

To the President of the United States

and

The Governors of Louisiana and Texas



The Administration
John Hankinson
Federal Representative and Chairman

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

Michael H. Lewis and Jerry Gipson
for Texas

TABLE OF CONTENTS

Annual Report of

SABINE RIVER COMPACT ADMINISTRATION
2015

Report Year: October 1, 2014 through September 30, 2015

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, 2015.

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:	**John H. Hankinson, Jr. (from 1/22/15)**
Louisiana Representatives:	**George D. Brandon and Bobby E. Williams**
Texas Representatives:	**Jerry Gipson and Michael "Mike" H. Lewis**

2. Officers of the Administration

Chairman:	**John H. Hankinson, Jr., St. Augustine, FL 32080 (from 1/22/15)**
Vice Chairman:	**George D. Brandon, Leesville, LA 71446**
Treasurer:	**Jerry Gipson, Longview, TX 75605**
Secretary:	**Kellie Ferguson, 15091 TX Hwy., Many, LA 71449**

3. Standing Committees

Budget Committee:
USGS LA Representative:
Ben McGee, Chairman, Ruston, LA
USGS TX Representative:
Amy Beussink, The Woodlands, TX (thru 6/5/15)
Jason Pollender, Shenandoah, TX (from 6/5/15)
LA Sabine River Authority Representative:
James W. "Jim" Pratt, Many, LA
TX Commission on Environmental Quality Representative:
Suzy Valentine, Austin, TX

Engineering Committee:

James W. Pratt, Chairman, Many, LA
Bill Hughes, Vice Chairman, Orange, TX (from 6/5/15)
George Arcement, Baton Rouge, LA (thru 6/5/15)
Amy Beussink, The Woodlands, TX (thru 6/5/15)
Jim Brown, Orange, TX
Danny "Butch" Choate, Orange, TX
Bob Corby, Fort Worth, TX
David Daigle, Lake Charles, LA
Jamie East, Orange, TX (from 6/5/15)
Jeff East, Conroe, TX (thru 6/5/15)
Kellie Ferguson, Many, LA
Max Forbes, Baton Rouge, LA (thru 6/5/15)
Heather Hunziker, Austin, TX
Bob Joseph, Austin, TX
Christopher Knotts, Baton Rouge, LA
Ben McGee, Ruston, LA
David Montagne, Orange, TX
Jason Placke, Baton Rouge, LA
Jason Pollender, Shenandoah, TX (from 6/5/15)
Barton Rumsey, Many, LA
Ryan Seidemann, Baton Rouge, LA
Deborah Stagner, Orange, TX
Suzy Valentine, Austin, TX
Travis Williams, Orange, TX
Chief, State Programs Section; USEPA, Dallas, TX
Meteorologist in Charge, NWS, Lake Charles, LA

Engineering Sub-Committees:

Diversion:	**Jim Brown**
	Bill Hughes
	Barton Rumsey
Gaging:	**George Arcement (thru 6/5/15)**
	Jim Brown
	Jeff East (thru 6/5/15)
	Bill Hughes
	Ben McGee
	Amy Beussink (thru 6/5/15)
Water Quality:	**Jim Brown**
	Max Forbes (thru 6/5/15)
Legal:	**Heather Hunziker, Austin, TX**
	Jason Placke, Baton Rouge, LA
	Ryan Seidemann, Baton Rouge, LA

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 10, 2014 – The Woodlands Waterway Marriott Hotel and Convention Center, The Woodlands, TX
June 5, 2015 – Cypress Bend Resort, Many, LA

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, 2015 is included in Appendix A.

(b) On June 5, 2015, the Administration approved a budget for the 2015-2016 fiscal year in accordance with provisions of the By-Laws of the Administration (Article VII:3) as follows:

Stream Gaging Program	$48,980.00
Quality of Water Program	12,800.00
Administrative Expenses	
Secretary's Office	4,400.00
Treasurer's Office	1,800.00
Auditing Fee	2,500.00
Treasurer's Bond	50.00
Meeting Expenses	950.00
Total Budget	$71,480.00

Note: The total cost of the stream gaging and quality of water programs are to be funded as follows: $30,890 with USGS funds; and $30,890 with SRCA funds (one-half from each state). The total cost of the administrative expenses, $9,700, is funded by SRCA, one-half from each State. Additionally, National Stream Information Program (NSIP) funds in the amount of $91,250 ($21,800 from Louisiana and $69,450 from Texas) are contributed to the stream gaging program.

(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, 2014 through August 31, 2015. 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 stream flow and quality of water data, and to report diversions as provided by Article VII: Paragraph G of the Compact.

For the fiscal year ending August 31, 2015, the Administration and the Water Resources Division, U.S. Geological Survey provided funds for the cost of operating the

basic-records part of the program, consisting of the full support for nine continuous-record discharge stations; one reservoir stage and contents station; one stage station; and water quality analyses for one site. Details and Water Year records for these stations is contained in Appendix B.

The discharge station on the Sabine River near Beckville is used for the determination of Stateline flow as defined by Article VII: Paragraph 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, 2014 - September 30, 2015.

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	1,162.24	0	0	0
	Texas	1,182.18	0	0	0
Industrial	Louisiana	59,730.09	0	26,320.39	76.78
	Texas	51,849.46	0	3,500.53	0
Mining	Louisiana	0	0	0	0
	Texas	0	0	608.94	0
Municipal	Louisiana	0	0	5311.70	0
	Texas	80.26	0	905.92	467.30
Total	Louisiana	60,892.33	0	31,632.09	76.78
	Texas	53,111.90	0	5,014.94	467.30
			Total Diversion For Louisiana		92,601.20
			Total Diversion For Texas		58,594.14
			Grand Total		

The municipal diversion for Louisiana from the Reservoir includes water used by Logansport as riparian water, royalty free. The Louisiana industrial diversion shown from tributaries flowing into Toledo Bend Reservoir below the State Line is water used by Williamette from Bayou San Miguel as riparian water as approved by the SRCA, royalty free.

7. Hydrologic Conditions

The Toledo Bend Project Alert System provides 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 the stations with an attached sheet showing the various Station ID Numbers, the Station names, and a more exact location for each. This Appendix includes a tabulation of the total monthly rainfall for each station for the water year 14-15 and the departure from the long term average for the 10 year period of WY 97-98 through WY 06-07 which was

included in Appendix "F" of the 2008 Annual Report. For fast references, graphs showing the total monthly rainfall for WY 14-15 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.

For the 16 stations, 54% of the monthly rainfall totals were below the long term average compared to 65% for WY 13-14 with 46% of the monthly rainfall totals being above the long term average compared to 35% for WY 13-14. 25% of the annual rainfall totals were below the long term average compared to 81% for WY 13-14. Compared to the WY 97-98 through WY 06-07 average, the WY 14-15 totals were 110% of the average and WY 13-14 totals were 85% of the average. The WY 14-15 totals were 129% of the WY 13-14 totals. For comparison purposes, a plotting of the Reservoir elevations for the last five Water Years, 2010-2011 through 2014-2015, is included as the last sheet of Appendix F.

For the WY, there was five monthly totals of 10 inches or more; two at Belmont being 10.98 inches for January and 11.34 inches for May; 10.51 inches for May at Pelican; 10.00 inches for May at Keatchie; and 10.51 inches for May at Bronson.

Noteworthy monthly totals on the low side were 25 of the 192 monthly totals (13%) being less than 1 inch with 9 being less than one-half inch. All sixteen stations reported some rainfall for the month with the lowest being 0.04 inches in August at Airport; 0.08 inches in July at Flat Fork Creek and in September at Keatchie; and 0.20 in August at Florien.

The lawsuit filed against Sabine River Authority, State of Louisiana (SRALA) by downstream residents alleging damages from the March, 2001 spillway releases is still ongoing.

The spillway gates at Toledo Bend Dam were operated during the year to pass flood water in accordance with the "Guide for Spillway Gate Operation, Revised June 27, 2001" with a total release of 1,483,646 AF as follows:

March 14-April 5; released 699,562 AF at a maximum of 27,000 CFS
April 20-24; released 57,729 AF at a maximum of 11,000 CFS
May 18-June 9; released 635,375 AF at a maximum of 33,000 CFS
June 19-24; 90,979 AF at a maximum of 11,000 CFS

According to Toledo Bend Project Joint Operation records for the Water Year, the minimum elevation of the Reservoir was 167.88 on November 16, 2014 and the maximum elevation was 173.20 on March 23, 2015.

Approved data for USGS station 08025350 for the Water Year showing the elevations of the Reservoir as reflected by USGS records is shown in Appendix B.

Also in Appendix B is approved data for the Water Year for U.S. Geological Survey Station 08022040, Sabine River near Beckville, TX, reflecting the discharge in CFS. As can be seen, the minimum flow was 35 CFS on September 28 which is above 21.556 CFS, the flow that is required to produce a Stateline flow above 36 CFS as detailed in Item 13 of Exhibit E, Rules and Regulations of the Compact.

Records for the official gaging stations, as well as other stations partially funded by the Administration, are summarized in Appendix B.

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.

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.

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 (1979-89)
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 (1974–96)
11. Murvaul Bayou near Gary, TX (1958–83)
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 (1952–83)
17. Sabine River near Ruliff, TX
18. Cow Bayou near Mauriceville, TX (1952–86)

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 (1962–86)
3. Lake Fork Reservoir near Quitman, TX
4. Lake Cherokee near Longview, TX (1951–83)
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 Commission on Environmental Quality (TCEQ), 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) (1968–72, 1973–96)
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) (1961–86)
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) (1985–86)
25. Lake Cherokee near Longview, TX (USGS-TX) (1969–83)
26. Sabine River near Beckville, TX (USGS-TX) (1962–98)
27. Martin Lake near Tatum, TX (USGS-TX) (1939–45)
28. Sabine River near Deadwood, TX (SRA-TX)
29. Sabine River near Logansport, LA (LDEQ, TCEQ, USGS, SRA-TX) (1939–45)
30. Bayou Castor near Logansport, LA (USGS-LA)
31. Tenaha Creek south of Campti, TX (TCEQ)
32. Toledo Bend Reservoir, Tenaha arm near Center, TX (SRA-TX)
33. Toledo Bend Reservoir near Milam, TX (SRA-TX)
34. Toledo Bend Reservoir near Huxley Water Plant Intake (SRA-TX)
35. Toledo Bend Reservoir, Sunshine Bay near Milam, TX (SRA-TX)
36. Toledo Bend in Six Mile Boat Lane at US 87 Bridge (SRA-TX)
37. Toledo Bend Reservoir at Toledo Bend Dam, TX (SRA-TX)
38. Sabine River below spillway of Toledo Bend Reservoir, TX (SRA-TX)
39. Sabine River at Toledo Bend Dam near Burkeville, TX (USGS-TX) (1967–86)
40. Sabine River near Burkeville, TX (SRA-TX, USGS-TX) (1968–72)
41. Bayou Anacoco near Knight, LA (USGS-LA)
42. Sabine River near Bon Weir, TX (LDEQ, TCEQ, USGS-TX, SRA-TX) (1969–85)
43. Sabine River near Ruliff, TX (USGS-TX, SRA-TX) (1945, 1947–98)
44. Sabine River at IH-10 at Orange, TX (LDEQ, TCEQ)
45. Adams Bayou at FM 1006 near Orange, TX (TCEQ)
46. Adams Bayou at IH-10 at Orange, TX (TCEQ)
47. Sabine River at Channel Marker 3 below Cow Bayou, TX (TCEQ)
48. Cow Bayou at FM 1442 east of Bridge City, TX (TCEQ)

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 on the Sabine River:

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

Continuous-record stations on tributaries flowing into the Sabine River:

Bayou Grand Cane near Stanley, LA
Bayou San Patricio near Benson, LA
Bayou Toro near Toro, LA
Bayou Anacoco near Rosepine, LA
Big Cow Creek near Newton, TX

Water quality stations are maintained at the following locations:

Bayou Anacoco near Knight, LA (TCEQ ID 10340;SRA-TX ID BA4)
Sabine River near Bon Wier, TX (TCEQ ID 10398;SRA-TX ID SR3)

Records by U.S. Geological Survey are unavailable for the Water Year for Sabine River near Bon Wier due to the absence of an observer. Water Quality for these stations is provided on a monthly basis by the Sabine River Authority of Texas Environmental Services Division through a cooperative program with the Sabine River Authority, State of Louisiana and is available at www.sratx.org or at the Texas Commission on Environmental Quality (TCEQ) Surface Water Quality Monitoring reporting website http://www.tceq.texas.gov/waterquality/clean-rivers/data/samplequery.html

Records for these stations are given in Appendix B.

Respectfully submitted,

SABINE RIVER COMPACT ADMINISTRATION

John H. Hankinson, Jr., Chairman (from 1/22/15)
Representative of the United States

George D. Brandon
Commissioner for Louisiana

Bobby E. Williams
Commissioner for Louisiana

Jerry Gipson
Commissioner for Texas

Michael H. Lewis
Commissioner for Texas

APPENDIX A - AUDIT REPORT

BROUSSARD POCHÉ, LLP
CERTIFIED PUBLIC ACCOUNTANTS

101 Independence Boulevard | Lafayette, LA 70508
(P) 337.988.4930 | (F) 337.984.2393
www.BroussardPoche.com

October 8, 2015

Board of Directors
Sabine River Compact Administration
Orange, Texas

We have audited the basic financial statements of the Sabine River Compact Administration for the year ended August 31, 2015. Professional standards require that we provide you with information about out responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our engagement letter to you dated June 16, 2015. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Sabine River Compact Administration are described in Note 1 to the financial statements.

No new accounting policies were adopted in the current year, however, the GASB has issued Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. This Statement, which supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, aims to identify—in the context of the current governmental financial reporting environment—the hierarchy of U.S. GAAP, which consists of the sources of accounting principles used to prepare financial statements of state and local governmental entities in conformity with U.S. GAAP, as well as the framework for selecting those principles.

In particular, Statement No. 76 reduces the U.S. GAAP hierarchy to two categories of authoritative U.S. GAAP, and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a source of authoritative U.S. GAAP.

The provisions of Statement No. 76 are effective for fiscal years beginning after June 15, 2015 (next fiscal year). Adoption of this Statement is not expected to have any effect on the financial statements in the upcoming year.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The Sabine River Compact Administration had no particularly sensitive accounting estimates that affected the financial statements as of and for the year ended August 31, 2015.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. We noted no such misstatements.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated October 8, 2015.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Administration's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Administration's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the management discussion and analysis and the budgetary comparison schedule, which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquires of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the schedule of compensation benefits and other payments to agency head which accompanies the financial statements but is not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

This information is intended solely for the use of the Board of Commissioners and management of the Sabine River Compact Administration and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

Broussard Poche LLP

BROUSSARD POCHE', LLP
Certified Public Accountants

SABINE RIVER COMPACT ADMINISTRATION

FINANCIAL REPORT

AUGUST 31, 2015

CONTENTS

BROUSSARD
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CERTIFIED PUBLIC ACCOUNTANTS

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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 financial statements of the governmental activities of 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, 2015 and 2014, and the related notes to financial statements, which collectively comprise the Administration's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions 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 audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Sabine River Compact Administration, as of August 31, 2015 and 2014, and the respective changes in financial position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 5 and budgetary comparison information on pages 20 and 21 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise the Sabine River Compact Administration's basic financial statements. The accompanying financial information listed as the schedule of compensation, benefits and other payments to agency head in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The schedule of compensation, benefits, and other payments to agency head are the responsibility of management and were derived from and related directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied to the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of compensation, benefits and other payments to agency head is fairly stated in all material respects in relation to the basic financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated October 8, 2015, on our consideration of the Sabine River Compact Administration's internal control over financial reporting and on 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 internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering Sabine River Compact Administration's internal control over financial reporting and compliance.

Broussard Poche LLP

Lafayette, Louisiana
October 8, 2015

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 years that ended August 31, 2015, 2014 and 2013. Please read this section in conjunction with SRCA's financial statements, which follow this section.

FINANCIAL HIGHLIGHTS

SRCA's total assets exceeded total liabilities at the close of the year by $45,269 (net position). Net position overall increased from $45,208 to $45,269 or 0.001% during the year ending August 31, 2015.

SRCA's intergovernmental revenues for the year ended August 31, 2015 remained the same as 2014 at $42,680. General governmental expenses increased from $41,680 to $42,634 or 2.2% during the year ending August 31, 2015 .

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 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 statements of net position and the statements of activities.

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

The statements of activities present information showing how SRCA's assets changed as a result of current year operations. Regardless of when cash is affected, all changes in net position 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 statements of net position.

FINANCIAL ANALYSIS

Net Position

SRCA's total net position increased by $61 or 0.001% for the year ended August 31, 2015, increased by $1,014 or 2.3% for the year ended August 31, 2014 and increased $1,712 for the year ended August 31, 2013. Below is condensed statement of net position information as of August 31, 2015, 2014 and 2013.

SRCA'S STATEMENTS OF NET POSITION

	2015	2014	(Restated) 2013
Assets:			
Cash	$ 56,120	$ 63,350	$ 48,578
Other	-	-	24,393
Total assets	$ 56,120	$ 63,350	$ 72,971
Liabilities:			
Accounts payable	$ 10,851	$ 18,142	$ 5,497
Other	-	-	23,280
Total liabilities	$ 10,851	$ 18,142	$ 28,777
Net position	$ 45,269	$ 45,208	$ 44,194
Total liabilities and net position	$ 56,120	$ 63,350	$ 72,971

Changes in Net Position

The changes in net position for the years ended August 31, 2015, 2014 and 2013 were an increase of $61, an increase of $1,014 and an increase of $1,712, respectively. Below is the summary of the changes in net position for the years ending August 31, 2015, 2014 and 2013.

SRCA'S CHANGES IN NET POSITION

	2015	2014	(Restated) 2013
General revenues:			
Intergovernmental	$ 42,680	$ 42,680	$ 42,680
Other	15	14	22
Total revenues	$ 42,695	$ 42,694	$ 42,702
General government expenses:			
Secretary	$ 4,400	$ 4,400	$ 4,400
Treasurer	1,800	1,800	1,800
Water resource investigation	32,980	32,980	32,540
Audit fees	2,500	2,500	2,500
Other	954	-	-
Total expenses	$ 42,634	$ 41,680	$ 40,990
Change in net position	$ 61	$ 1,014	$ 1,712

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 POSITION
August 31, 2015 and 2014

ASSETS	2015	2014
Cash	$ 56,120	$ 63,350
Total assets	$ 56,120	$ 63,350
LIABILITIES		
Accounts payable	$ 10,851	$ 18,142
Total liabilities	$ 10,851	$ 18,142
NET POSITION		
Unrestricted	$ 45,269	$ 45,208
Total liabilities and net position	$ 56,120	$ 63,350

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

STATEMENTS OF ACTIVITIES
Years Ended August 31, 2015 and 2014

	2015	2014
EXPENSES:		
Governmental activities –		
General government	$ 42,634	$ 41,680
Total governmental activities	$ 42,634	$ 41,680
GENERAL REVENUES:		
Intergovernmental	$ 42,680	$ 42,680
Interest	15	14
Total general revenues	$ 42,695	$ 42,694
Change in net position	$ 61	$ 1,014
Net position, beginning of the year	$ 45,208	$ 44,194
Net position, end of the year	$ 45,269	$ 45,208

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

BALANCE SHEETS – GOVERNMENTAL FUND
August 31, 2015 and 2014

ASSETS	2015	2014
Cash	$ 56,120	$ 63,350
Total assets	$ 56,120	$ 63,350
LIABILITIES AND FUND BALANCE		
Accounts payable	$ 10,851	$ 18,142
Total liabilities	$ 10,851	$ 18,142
Fund balance – unassigned	$ 45,269	$ 45,208
Total liabilities and fund balance	$ 56,120	$ 63,350

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

STATEMENTS OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE – GOVERNMENTAL FUND
Years Ended August 31, 2015 and 2014

	2015	2014
REVENUES:		
Intergovernmental	$ 42,680	$ 42,680
Interest	15	14
Total revenues	$ 42,695	$ 42,694
EXPENDITURES:		
General government	$ 42,634	$ 41,680
Net change in fund balance	$ 61	$ 1,014
Fund balance, beginning of the year	$ 45,208	$ 44,194
Fund balance, end of the year	$ 45,269	$ 45,208

See Notes to Financial Statements.

SABINE RIVER COMPACT ADMINISTRATION

NOTES TO FINANCIAL STATEMENTS

Note 1. Summary of Significant Accounting Policies

Basis of presentation:

The financial statements of the Sabine River Compact Administration have been prepared in accordance with generally accepted accounting principles in the United States of America ("GAAP") applicable to state and local governments. The Governmental Accounting Standards Board ("GASB") is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The significant accounting and reporting policies and practices used by the Administration are described below.

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 statements of net position and the statements 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. All governmental activities are reported on a full accrual, economic resource basis, which recognizes all long-term assets and receivables as well as long-term debt and obligations.

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 balance sheets. The statements of revenues, expenditures and changes in fund balance report 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, 2015.

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 within 60 days after year end. 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.

Cash:

Cash consists of amounts in interest bearing deposit accounts.

Equity classifications:

Government-wide financial statements -

Government-wide equity is classified as net position. The Administration's entire net position is classified as unrestricted.

Fund financial statements -

Governmental fund equity is classified as fund balance. The following classifications describe the relative strength of the spending constraints placed on the purposes for which resources can be used:

- Nonspendable fund balance - amounts that are not in a spendable form (such as inventory) or are required to be maintained intact;
- Restricted fund balance - amounts constrained to specific purposes by their providers (such as grantors, bondholders, and higher levels of government), through constitutional provisions, or by enabling legislation;
- Committed fund balance - amounts constrained to specific purposes by a government itself, using its highest level of decision-making authority; to be reported as committed, amounts cannot be used for any other purpose unless the government takes the same highest level action to remove or change the constraint;
- Assigned fund balance - amounts a government intends to use for a specific purpose; intent can be expressed by the governing body or by an official or body to which the governing body delegates the authority;
- Unassigned fund balance - amounts that are available for any purpose; positive amounts are reported only in the general fund.

The Board of Commissioners establishes (and modifies or rescinds) fund balance commitments by passage of an ordinance or resolution. This is typically done through adoption and amendment of the budget. A fund balance commitment is further indicated in the budget document as a designation or commitment of the fund (such as for special incentives). Assigned fund balance is established by the Board of Commissioners through adoption or amendment of the budget as intended for specific purpose (such as the purchase of fixed assets, construction, debt service, or for other purposes). In governmental funds, the Administration's policy is to first apply the expenditure toward restricted fund balance and then to other, less-restrictive classifications—committed and then assigned fund balances before using unassigned fund balances.

The Administration's entire fund balance is classified as unassigned.

Use of estimates:

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Recent accounting pronouncements:

The GASB has issued Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. This Statement, which supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, aims to identify—in the context of the current governmental financial reporting environment—the hierarchy of U.S. GAAP, which consists of the sources of accounting principles used to prepare financial statements of state and local governmental entities in conformity with U.S. GAAP, as well as the framework for selecting those principles.

In particular, Statement No. 76 reduces the U.S. GAAP hierarchy to two categories of authoritative U.S. GAAP, and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a source of authoritative U.S. GAAP.

The provisions of Statement No. 76 are effective for fiscal years beginning after June 15, 2015. Adoption of this statement is not expected to have any effect on the financial statements in the upcoming year.

Note 2. Deposits

The bank balance of deposits was $56,120 and $65,150 at August 31, 2015 and 2014, which was entirely covered by federal depository insurance. Accordingly, the Administration did not have any custodial credit risk at August 31, 2015 and 2014.

SABINE RIVER COMPACT ADMINISTRATION

BUDGETARY COMPARISON SCHEDULE
GENERAL FUND
For the Year Ended August 31, 2015
With Comparative Actual Amounts for Year Ended August 31, 2014

	2015			
	Original and Final Budget	Actual	Variance With Final Budget - Positive (Negative)	2014 Actual
REVENUES:				
Intergovernmental –				
State of Texas	$ 21,340	$ 21,340	$ -	$ 21,340
State of Louisiana	21,340	21,340	-	21,340
Interest	-	15	15	14
Total revenues	$ 42,680	$ 42,695	$ 15	$ 42,694
EXPENDITURES:				
General governmental –				
Maintenance – office of:				
Secretary	$ 4,400	$ 4,400	$ -	$ 4,400
Treasurer	1,800	1,800	-	1,800
Water resources investigation	32,980	32,980	-	32,980
Audit fees	2,500	2,500	-	2,500
Other	1,000	954	46	-
Total expenditures	$ 42,680	$ 42,634	$ 46	$ 41,680
Net change in fund balance	$ -	$ 61	$ 61	$ 1,014
Fund balance, beginning of the year	45,208	45,208	-	44,194
Fund balance, end of the year	$ 45,208	$ 45,269	$ 61	$ 45,208

See Note to Budgetary Comparison Schedule.

SABINE RIVER COMPACT ADMINISTRATION

NOTE TO BUDGETARY COMPARISON SCHEDULE

Note 1. Budgets and Budgetary Accounting

The Sabine River Compact Administration follows the procedures detailed below in adopting its budget.

1. An annual budget, prepared on a basis consistent with generally accepted accounting principles as applied to governmental units, is adopted for the General Fund. The budget is proposed by the Administration's management and adopted by the Board.

2. Any amendments must be approved by the Board of Sabine River Compact Administration. All appropriations lapse at the end of the fiscal year.

Budgeted amounts presented reflect the original budget and the final budget. There were no amendments to the original budget during the year.

SABINE RIVER COMPACT ADMINISTRATION

SCHEDULE OF COMPENSATION, BENEFITS AND OTHER
PAYMENTS TO AGENCY HEAD
For the Year Ended August 31, 2015

AGENCY HEAD: Dr. George C. Brandon (Acting Chairman)

There were no payments for compensation, benefits or any other payments during the fiscal year.

BROUSSARD
POCHÉ, LLP
CERTIFIED PUBLIC ACCOUNTANTS

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INDEPENDENT AUDITORS' 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, in accordance with the 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, the financial statements of the governmental activities and each major fund of Sabine River Compact Administration (the "Administration"), as of and for the year ended August 31, 2015, and the related notes to financial statements, which collectively comprise the Administration's basic financial statements, and have issued our report thereon dated October 8, 2015.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Administration's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances 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. Accordingly, we do not express an opinion on the effectiveness of the Administration's internal control.

A deficiency in internal control 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 and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Administration's financial statements are free from 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.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Broussard Poche LLP

Lafayette, Louisiana
October 8, 2015

SABINE RIVER COMPACT ADMINISTRATION

SCHEDULE OF FINDINGS AND RESPONSES
Year Ended August 31, 2015

We have audited the basic financial statements of Sabine River Compact Administration as of and for the year ended August 31, 2015, and have issued our report thereon dated October 8, 2015. 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, 2015 resulted in an unmodified opinion.

Section I - Summary of Auditors' Reports

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

Internal Control		
Material weakness(es) identified	__ Yes	_X_ No
Control deficiencies identified that are not considered to be material weakness(es)	__ Yes	_X_ None reported
Compliance		
Noncompliance 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, 2015

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

"Approved" (released for publication) U.S. Geological Survey data for the entire WY of 2014-2015 for discharge gaging stations in the Sabine Basin is unavailable as of November 1, 2015. "Approved" data, historically, has not been available on the USGS website until six to seven months after the end of the current WY which makes it impossible to produce an Annual Report by January 15 for the preceding WY in accordance with Article VII, L of the Compact and Article VIII of the By-Laws that would contain all "approved" data for the preceding WY. For this reason, Appendix B contains a plotting of data available as of November 1, 2015, some of which is "approved" and some of which is "provisional". Records for previous water years (as shown in earlier Annual Reports), for stations or tributary streams, and for quality-of-water data can 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.

The Annual Report provided by the USGS 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.

Data obtained from the U.S. Geological Survey website included herein consists of plottings of "approved" and "provisional" data for the following:

Station 08022040, Sabine River near Beckville, TX (discharge in CFS)
Station 08022500, Sabine River at Logansport, LA (gage height in feet)
Station 08023080, Bayou Grand Cane near Stanley, LA (discharge in CFS)
Station 08023400, Bayou San Patricio near Benson, LA (discharge in CFS)
Station 08025350, Toledo Bend Reservoir near Burkeville, TX (elevation of reservoir water surface above datum in feet)
Station 08025360, Sabine River at Toledo Bend Reservoir near Burkeville, TX (discharge in CFS)
Station 08025500, Bayou Toro near Toro, LA (discharge in CFS)
Station 08026000, Sabine River near Burkeville, Tx (discharge in CFS)
Station 08028000, Bayou Anacoco near Rosepine, LA (discharge in CFS)
Station 08028500, Sabine River near Bon Wier, TX (discharge in CFS)
Station 08029500, Big Cow Creek near Newton, TX (discharge in CFS)
Station 08030500, Sabine River near Ruliff, TX (discharge in CFS)

USGS Water-Year Summary 2015

08022040 Sabine River near Beckville, TX

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). PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: Feb. 1952 to Mar. 1999. BIOCHEMICAL DATA: Jan. 1968 to Mar. 1999. PESTICIDE DATA: Mar. 1968 to June 1981. RADIOCHEMICAL DATA: Jan. to June 1981. PERIOD OF DAILY RECORD, Water-Quality.-- 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 for the 2015 water year are fair except those for estimated daily mean discharges, which are poor. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically. 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.

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.

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).

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=006_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08022040&agency_cd=USGS

Water-Data Report 2015

08022040 Sabine River near Beckville, TX -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY VALUES
[e, Value has been estimated.]

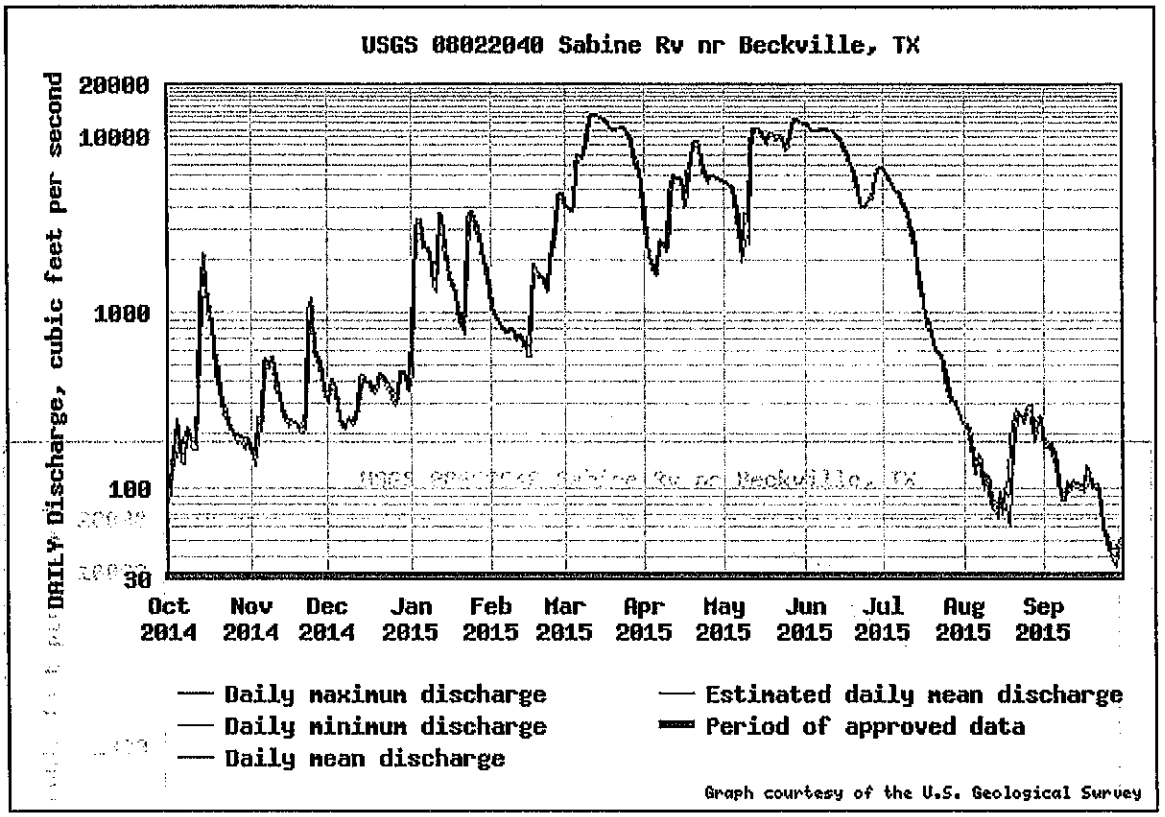
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	108	82	99	187	162	177	356	303	319	449	350	381
2	134	93	110	162	147	154	419	356	395	1,420	449	971
3	157	121	136	168	134	151	412	359	389	2,880	1,410	1,970
4	242	157	221	250	155	218	365	295	331	3,390	2,880	3,280
5	216	162	180	252	227	240	298	240	262	3,340	2,820	3,130
6	165	139	153	509	242	336	242	224	235	2,820	2,310	2,460
7	203	137	158	542	491	521	224	213	217	2,330	2,310	2,320
8	221	203	214	495	477	486	247	219	236	2,310	2,130	2,250
9	216	195	205	552	491	527	250	242	247	2,130	1,780	1,950
10	195	170	189	552	484	528	242	227	235	1,780	1,410	1,590
11	187	162	178	484	374	423	260	232	245	2,030	1,290	1,440
12	335	162	246	374	323	346	287	245	267	3,660	2,030	3,140
13	1,110	312	548	323	279	301	422	284	335	3,700	3,450	3,640
14	2,140	1,110	1,890	279	250	262	436	396	417	3,450	2,380	2,960
15	2,040	1,420	1,740	252	232	241	416	390	402	2,380	1,860	2,080
16	1,420	1,010	1,180	240	221	233	409	390	399	1,860	1,600	1,730
17	1,010	858	932	242	224	235	403	356	379	1,600	1,410	1,500
18	858	639	750	240	230	236	359	350	354	1,410	1,260	1,330
19	639	453	541	232	219	229	377	341	362	1,260	1,060	1,160
20	453	350	386	227	208	216	449	377	419	1,060	884	970
21	350	300	325	237	205	222	453	432	448	884	779	831
22	300	265	284	287	216	238	436	409	425	1,150	739	816
23	268	230	251	1,020	276	519	419	368	390	3,390	1,150	2,390
24	230	213	220	1,200	995	1,120	380	353	371	3,750	3,390	3,620
25	224	210	217	995	609	802	374	320	356	3,800	3,470	3,720
26	210	200	205	609	563	576	341	292	311	3,470	3,010	3,210
27	203	179	195	573	531	560	338	298	320	3,020	2,650	2,850
28	195	181	191	531	439	484	456	329	381	2,650	2,270	2,460
29	197	176	191	439	368	401	463	456	460	2,270	2,010	2,140
30	190	165	174	368	326	344	460	426	450	2,010	1,740	1,890
31	192	179	187				426	365	385	1,740	1,350	1,530
Total	14,610	10,230	12,500	12,820	10,100	11,330	11,420	10,090	10,740	73,390	57,630	65,710
Mean	471	330	403	427	337	378	368	325	347	2,368	1,859	2,120
Max	2140	1420	1890	1200	995	1120	463	456	460	3800	3470	3720
Min	108	82	99	162	134	151	224	213	217	449	350	381
Ac-ft	28,980	20,300	24,780	25,430	20,030	22,460	22,650	20,010	21,310	145,600	114,300	130,300

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	1,370	1,060	1,210	4,270	3,990	4,110	3,710	2,540	3,060	5,560	5,510	5,540
2	1,060	973	1,010	4,000	3,980	3,990	2,540	2,080	2,260	5,560	5,480	5,530
3	973	888	927	3,980	3,850	3,930	2,090	1,950	2,020	5,490	5,310	5,410
4	893	846	872	3,960	3,720	3,780	1,950	1,760	1,860	5,310	5,090	5,220
5	850	808	827	6,760	3,960	5,450	1,760	1,600	1,650	5,100	4,470	4,810
6	812	771	794	7,860	6,760	7,440	2,510	1,650	2,110	4,470	3,500	4,030
7	779	755	770	7,980	7,780	7,920	2,600	2,510	2,570	3,500	2,380	2,920
8	812	767	790	7,820	7,530	7,650	2,520	2,360	2,430	2,380	1,950	2,110
9	812	775	797	9,700	7,820	8,590	2,360	2,240	2,300	3,700	2,190	3,160
10	775	699	740	12,900	9,700	11,400	4,810	2,320	3,340	3,630	2,710	3,280
11	727	680	708	13,400	12,800	13,200	6,070	4,810	5,630	8,520	2,480	4,370
12	751	707	735	13,500	13,200	13,400	6,100	5,850	6,020	11,100	8,520	10,200
13	707	628	660	13,300	13,100	13,200	5,920	5,750	5,820	11,300	11,100	11,200
14	688	654	677	13,100	12,900	13,000	5,960	5,690	5,890	11,300	11,100	11,300
15	654	563	604	13,000	12,600	12,800	5,690	4,820	5,270	11,200	10,700	10,900
16	1,090	559	677	12,700	12,200	12,400	4,820	4,000	4,360	10,700	9,850	10,300
17	1,880	1,090	1,700	12,300	11,700	12,000	6,140	4,020	4,850	9,890	9,240	9,550
18	1,880	1,640	1,770	11,700	11,300	11,500	7,600	6,140	6,960	9,980	9,000	9,380
19	1,640	1,580	1,610	11,300	11,200	11,300	8,940	7,600	8,320	10,700	9,980	10,300
20	1,650	1,600	1,630	11,200	11,000	11,100	9,650	8,940	9,430	10,700	10,100	10,500
21	1,600	1,430	1,520	11,100	10,900	11,000	9,630	8,830	9,320	10,100	9,490	9,730
22	1,440	1,310	1,370	11,300	11,100	11,200	8,830	7,300	8,050	10,300	9,490	9,750
23	1,940	1,330	1,540	11,500	11,300	11,400	7,300	6,220	6,720	10,400	9,770	10,200
24	2,400	1,940	2,190	11,400	11,000	11,200	6,220	5,590	5,870	9,770	8,790	9,270
25	3,240	2,400	2,660	11,000	10,200	10,600	5,850	5,510	5,620	8,790	8,370	8,560
26	4,560	3,240	4,010	10,200	9,260	9,760	6,070	5,850	6,000	10,200	8,690	9,480
27	4,810	4,560	4,750	9,260	8,110	8,700	6,060	5,850	5,950	11,900	10,200	11,200
28	4,790	4,270	4,560	8,110	7,070	7,580	5,930	5,830	5,890	12,700	11,900	12,400
--				7,070	6,230	6,640	5,850	5,720	5,800	12,700	12,400	12,500
--				6,230	5,280	5,790	5,730	5,530	5,630	12,400	12,200	12,300
--				5,280	3,710	4,530				12,200	12,000	12,100
Total	45,580	38,520	42,110	297,200	275,200	286,600	161,200	140,900	151,000	271,600	244,000	257,500
Mean	1,628	1,376	1,504	9,586	8,879	9,244	5,374	4,695	5,033	8,760	7,870	8,306
Max	4810	4560	4750	13500	13200	13400	9650	8940	9430	12700	12400	12500
Min	654	559	604	3960	3710	3780	1760	1600	1650	2380	1950	2110
Ac-ft	90,410	76,410	83,520	589,400	546,000	568,400	319,800	279,400	299,500	538,600	483,900	510,700

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	12,100	11,900	12,000	6,750	6,450	6,600	235	205	217	197	168	181
2	12,000	11,500	11,800	6,450	6,050	6,270	230	221	226	181	168	175
3	11,500	11,200	11,400	6,050	5,600	5,820	230	195	215	179	170	175
4	11,200	11,000	11,100	5,600	5,290	5,440	195	142	167	176	155	168
5	11,000	10,900	11,000	5,290	5,100	5,200	142	118	129	157	134	146
6	11,000	10,900	11,000	5,100	4,890	5,000	142	118	127	134	106	118
7	11,100	11,000	11,000	4,890	4,610	4,750	157	142	149	108	95	102
8	11,100	11,000	11,100	4,610	4,310	4,470	145	106	125	95	84	92
9	11,100	11,000	11,100	4,310	3,930	4,130	108	97	103	93	84	88
10	11,100	10,900	11,000	3,930	3,590	3,770	118	106	113	108	93	100
11	11,000	10,800	10,900	3,590	3,220	3,420	106	82	94	102	93	98
12	10,800	10,500	10,600	3,220	2,810	3,020	84	76	80	111	102	106
13	10,500	10,100	10,300	2,810	2,310	2,570	84	74	80	108	99	103
14	10,100	9,610	9,840	2,310	1,820	2,070	82	66	73	106	99	103
15	9,630	9,110	9,380	1,820	1,400	1,590	95	82	89	104	97	101
16	9,110	8,400	8,790	1,400	1,150	1,270	82	70	75	102	95	98
17	8,400	7,470	7,920	1,150	950	1,040	108	80	95	131	99	119
18	7,480	6,990	7,230	950	850	896	106	64	89	123	106	114
19	6,990	6,750	6,900	850	739	799	190	60	92	108	99	104
20	6,750	5,800	6,290	739	661	698	260	173	211	104	99	101
21	5,800	4,870	5,330	676	606	642	279	187	257	104	97	100
22	4,870	4,210	4,510	620	580	609	273	260	267	97	76	91
23	4,210	4,010	4,080	591	556	578	265	250	260	76	58	66
24	4,090	4,010	4,040	563	495	534	250	230	239	58	53	55
25	4,270	4,080	4,180	495	412	450	287	247	267	53	45	49
26	4,390	4,270	4,330	412	326	371	295	265	276	45	40	42
27	5,010	4,390	4,560	347	309	327	295	219	261	45	38	41
28	5,890	5,010	5,510	317	309	315	219	184	197	45	35	40
29	6,570	5,890	6,220	309	279	298	242	187	212	49	42	45
30	6,810	6,570	6,740	---	---	e273	258	242	251	51	45	47
--				---	---	e253	245	197	220			
Total	255,900	244,100	250,100			73,470	5,807	4,745	5,256	3,150	2,774	2,968
Mean	8,529	8,138	8,338			2,370	187	153	170	105	92.5	98.9
Max	12100	11900	12000			6600	295	265	276	197	170	181
Min	4090	4010	4040			253	82	60	73	45	35	40
Ac-ft	507,499	484,200	496,200			145,700	11,520	9,412	10,420	6,248	5,502	5,887

Water-Data Report 2015

08022040 Sabine River near Beckville, TX -- Continued



USGS Water-Year Summary 2015

08022500 Sabine River at Logansport, LA

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 Apr. 1968 (daily mean discharge), Mar. 1968 to current year (daily gage height). PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: Apr. 1971 to July 1985. BIOCHEMICAL DATA: Mar. 1973 to July 1985. RADIOCHEMICAL DATA: Apr. 1979 to July 1981. PESTICIDE DATA: Apr. 1971 to Oct. 1984. SEDIMENT DATA: Oct. 1980 to July 1983. PERIOD OF DAILY RECORD, Water-Quality.-- 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 - 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. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically

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 OF RECORD - WATER YEARS, 1961-1967 (daily mean discharge): Maximum discharge, 46,800 ft³/s May 6, 1966, gage height, 38.46 ft; minimum, 25 ft³/s, Aug. 13, 1964. WATER YEARS, 1968 to current year (daily gage height): 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.

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.

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

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

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 24, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=003_00065&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08022500&agency_cd=USGS

Water-Data Report 2015

08022500 Sabine River at Logansport, LA -- Continued

GAGE HEIGHT, FEET
YEAR 2014-10-01 to 2015-09-30
DAILY VALUES

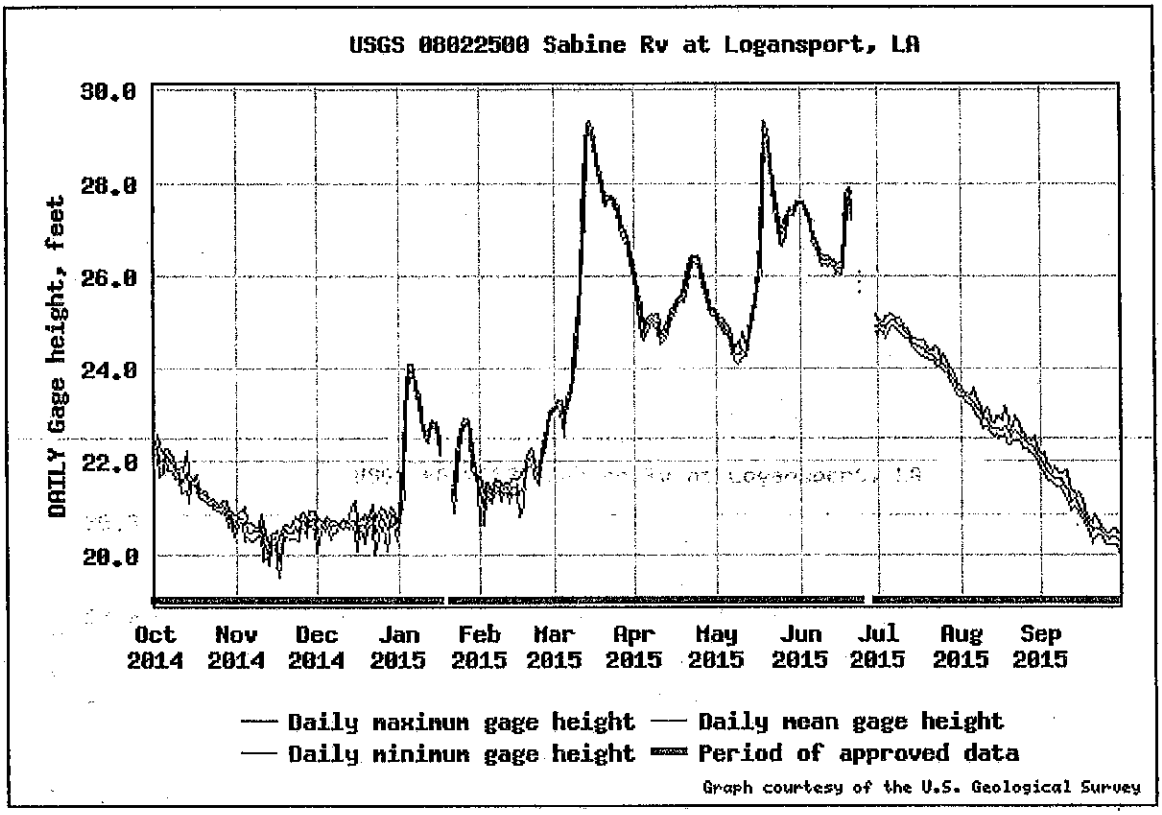
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	22.38	22.14	22.26	20.86	20.49	20.68	20.71	20.01	20.47	20.92	20.47	20.64
2	22.57	22.13	22.32	20.91	20.64	20.81	20.76	20.33	20.54	21.31	20.85	21.06
3	22.30	21.67	21.97	20.92	20.67	20.78	20.74	20.60	20.66	23.09	21.28	22.37
4	22.17	21.76	22.02	21.03	20.30	20.73	20.73	20.49	20.65	23.55	23.09	23.29
5	22.26	22.08	22.15	20.68	20.37	20.52	20.80	20.61	20.73	24.07	23.55	23.85
6	22.29	21.78	22.08	20.68	20.28	20.48	20.72	20.32	20.56	24.11	23.97	24.05
7	22.15	21.78	21.96	20.63	20.30	20.50	20.72	20.46	20.62	23.98	23.55	23.78
8	22.08	21.77	21.88	20.60	20.31	20.49	20.71	20.48	20.63	23.56	23.43	23.51
9	21.88	21.64	21.79	20.59	20.37	20.50	20.68	20.58	20.64	23.43	22.92	23.11
10	21.86	21.62	21.75	20.86	20.49	20.65	20.72	20.57	20.67	22.92	22.70	22.80
11	21.87	21.31	21.56	20.65	19.85	20.29	20.76	20.55	20.70	22.70	22.52	22.62
12	21.80	21.34	21.59	20.32	19.92	20.07	20.71	20.58	20.67	22.62	22.42	22.53
13	22.22	21.35	21.75	20.17	19.77	19.90	20.77	20.56	20.68	22.81	22.59	22.71
14	21.73	21.09	21.42	20.42	20.16	20.28	21.02	20.63	20.74	22.87	22.80	22.83
15	21.67	21.51	21.59	20.47	20.26	20.39	21.13	20.44	20.72	22.84	22.66	22.77
16	21.64	21.49	21.60	20.52	19.82	20.19	20.63	20.09	20.44	22.72	22.49	22.61
17	21.70	21.38	21.52	20.31	19.53	19.86	20.71	20.55	20.65	22.49	22.14	22.35
18	21.45	21.22	21.33	20.60	20.15	20.40	20.75	20.47	20.62	---	---	---
19	21.38	21.20	21.31	20.64	20.38	20.53	20.85	20.26	20.58	---	---	---
20	21.36	21.17	21.26	20.64	20.37	20.47	20.78	20.55	20.67	---	---	---
21	21.26	21.12	21.19	20.58	20.34	20.47	20.90	20.63	20.76	21.51	21.32	21.42
22	21.21	21.05	21.14	20.69	20.34	20.47	21.05	20.65	20.85	21.43	20.88	21.27
23	21.18	20.96	21.08	20.79	20.34	20.61	20.71	19.99	20.48	22.20	21.34	21.70
24	21.16	20.98	21.05	20.73	20.29	20.46	20.88	20.31	20.59	22.66	22.19	22.42
25	21.07	20.92	21.03	20.83	20.59	20.72	21.01	20.61	20.83	22.76	22.56	22.67
26	21.09	20.91	21.00	20.87	20.53	20.73	20.99	20.60	20.74	22.92	22.69	22.81
27	21.17	20.94	21.05	20.73	20.36	20.57	20.81	20.06	20.54	22.92	22.84	22.89
28	21.13	20.78	20.94	20.92	20.70	20.76	20.87	20.33	20.61	22.84	22.61	22.73
29	20.95	20.58	20.76	20.95	20.57	20.74	21.03	20.75	20.88	22.62	21.81	22.24
30	20.95	20.77	20.84	20.93	20.55	20.75	20.87	20.51	20.72	21.81	21.66	21.72
31	20.84	20.37	20.58				20.69	20.28	20.52	21.69	21.41	21.58
Mean	21.64	21.32	21.48	20.68	20.30	20.49	20.81	20.45	20.65			
Max	22.57	22.14	22.32	21.03	20.70	20.81	21.13	20.75	20.88			
Min	20.84	20.37	20.58	20.17	19.53	19.86	20.63	19.99	20.44			

Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February			March			April			May		
21.68	20.65	21.31	23.16	23.08	23.10	25.95	25.59	25.79	25.21	25.05	25.14
21.33	20.62	21.00	23.24	23.16	23.20	25.64	25.30	25.47	25.11	24.97	25.05
21.55	21.22	21.39	23.30	23.19	23.25	25.38	24.71	25.12	25.07	24.85	24.96
21.55	21.24	21.37	23.33	22.85	23.18	24.84	24.61	24.76	24.99	24.74	24.87
21.33	21.10	21.26	23.06	22.55	22.78	25.02	24.70	24.86	24.94	24.72	24.82
21.50	21.29	21.40	23.36	23.06	23.21	25.12	24.92	25.04	24.86	24.57	24.69
21.61	21.34	21.48	23.52	23.34	23.43	25.15	24.98	25.07	24.59	24.36	24.49
21.60	21.36	21.44	23.82	23.52	23.64	25.12	24.92	25.04	24.45	24.19	24.33
21.49	21.15	21.34	24.59	23.82	24.19	25.17	24.83	24.99	24.56	24.10	24.32
21.48	21.34	21.42	25.27	24.59	24.93	24.92	24.51	24.69	24.45	24.15	24.30
21.55	21.33	21.45	25.89	25.27	25.56	24.75	24.56	24.67	24.80	24.21	24.41
21.48	21.12	21.27	27.23	25.88	26.50	25.01	24.63	24.77	24.48	24.25	24.32
21.61	21.32	21.46	28.78	27.23	28.03	25.06	24.77	24.94	24.76	24.48	24.62
21.63	21.30	21.45	29.28	28.78	29.09	25.25	25.00	25.09	25.08	24.76	24.95
21.63	21.35	21.48	29.30	29.14	29.24	25.30	25.14	25.24	25.41	25.08	25.26
21.67	20.81	21.26	29.17	28.82	28.98	25.49	25.24	25.34	25.80	25.41	25.59
21.79	21.07	21.48	28.83	28.44	28.63	25.53	25.38	25.48	26.07	25.77	25.92
21.93	21.71	21.82	28.46	28.19	28.30	25.61	25.48	25.54	27.94	26.02	26.81
22.15	21.84	21.93	28.21	27.93	28.06	25.80	25.45	25.66	29.32	27.94	28.90
22.29	21.91	22.11	27.93	27.61	27.78	26.03	25.62	25.82	29.29	28.87	29.08
22.22	21.77	22.09	27.66	27.49	27.57	26.32	26.03	26.18	28.87	28.37	28.63
21.93	21.64	21.80	27.70	27.64	27.67	26.42	26.24	26.36	28.38	27.92	28.16
21.85	21.48	21.68	27.70	27.62	27.67	26.44	26.31	26.40	27.94	27.48	27.69
22.17	21.80	21.97	27.68	27.53	27.61	26.42	26.23	26.36	27.48	27.04	27.27
22.34	22.11	22.21	27.55	27.34	27.45	26.36	26.05	26.20	27.05	26.68	26.85
22.73	22.34	22.52	27.44	27.07	27.24	26.10	25.78	25.93	27.02	26.66	26.90
23.06	22.71	22.89	27.13	26.84	27.01	25.80	25.52	25.65	27.29	26.81	27.13
23.11	22.98	23.07	26.94	26.72	26.87	25.59	25.26	25.43	27.34	27.25	27.31
			26.80	26.57	26.70	25.33	25.16	25.27	27.46	27.28	27.37
			26.66	26.26	26.43	25.32	25.13	25.24	27.40	27.27	27.34
			26.26	25.93	26.11				27.57	27.37	27.49
21.87	21.50	21.69	26.43	26.05	26.24	25.54	25.27	25.41	26.29	25.89	26.10
23.11	22.98	23.07	29.30	29.14	29.24	26.44	26.31	26.40	29.32	28.87	29.08
21.33	20.62	21.00	23.06	22.55	22.78	24.75	24.51	24.67	24.45	24.10	24.30

Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Day	Max	Min	Mean
June			July			August			September			
27.61	27.56	27.60	25.06	24.75	24.93	23.65	23.41	23.54	**1**	22.14	21.80	21.98
27.61	27.55	27.59	25.02	24.83	24.94	23.53	23.39	23.48	**2**	22.18	21.74	21.90
27.57	27.46	27.52	25.00	24.77	24.91	23.47	23.27	23.41	**3**	21.98	21.63	21.80
27.48	27.32	27.41	25.11	24.65	24.87	23.49	23.27	23.39	**4**	21.89	21.58	21.73
27.32	27.07	27.21	25.12	24.80	24.95	23.44	23.21	23.32	**5**	21.74	21.54	21.66
27.09	26.79	26.96	25.18	24.93	25.05	23.55	23.10	23.26	**6**	21.87	21.49	21.62
26.87	26.64	26.75	25.11	24.89	25.02	23.41	23.03	23.17	**7**	21.75	21.47	21.63
26.68	26.50	26.59	25.04	24.85	24.98	23.27	22.94	23.08	**8**	21.76	21.47	21.62
26.50	26.30	26.42	25.07	24.78	24.93	23.14	22.82	22.99	**9**	21.76	21.32	21.49
26.46	26.22	26.35	25.04	24.75	24.89	23.02	22.72	22.92	**10**	21.78	21.17	21.40
26.44	26.25	26.34	24.90	24.68	24.81	23.16	22.73	22.91	**11**	21.50	21.10	21.34
26.43	26.21	26.34	24.85	24.65	24.75	23.06	22.67	22.81	**12**	21.42	20.93	21.09
26.39	26.23	26.33	24.74	24.55	24.66	22.87	22.60	22.77	**13**	21.38	21.03	21.20
26.34	26.21	26.29	24.67	24.47	24.57	22.83	22.54	22.72	**14**	21.25	20.97	21.11
26.29	26.05	26.21	24.63	24.38	24.51	22.98	22.59	22.72	**15**	21.33	20.87	21.03
26.24	26.07	26.15	24.59	24.35	24.47	22.97	22.51	22.69	**16**	21.16	20.77	20.91
26.29	26.03	26.18	24.60	24.32	24.46	22.88	22.55	22.65	**17**	20.99	20.71	20.82
26.99	26.27	26.75	24.60	24.28	24.42	23.18	22.56	22.76	**18**	20.84	20.58	20.72
27.72	26.99	27.30	24.52	24.24	24.37	23.09	22.42	22.75	**19**	20.70	20.42	20.60
27.88	27.71	27.81	24.44	24.23	24.35	22.68	22.37	22.53	**20**	20.66	20.25	20.52
27.75	27.19	27.46	24.41	24.19	24.31	22.74	22.46	22.60	**21**	20.83	20.35	20.55
---	---	---	24.39	24.17	24.26	22.97	22.46	22.66	**22**	20.66	20.42	20.55
---	---	---	24.46	24.08	24.24	22.78	22.43	22.58	**23**	20.57	20.43	20.50
26.09	25.63	25.86	24.39	24.04	24.19	22.61	22.37	22.51	**24**	20.54	20.34	20.48
---	---	---	24.19	24.01	24.10	22.63	22.29	22.48	**25**	20.45	20.22	20.38
---	---	---	24.32	23.94	24.07	22.51	22.28	22.41	**26**	20.47	20.18	20.35
---	---	---	24.12	23.91	24.01	22.50	22.19	22.38	**27**	20.51	20.22	20.37
---	---	---	24.06	23.83	23.93	22.46	22.17	22.34	**28**	20.56	20.22	20.38
---	---	---	23.99	23.72	23.83	22.52	22.11	22.27	**29**	20.48	20.20	20.35
25.18	24.76	24.93	23.89	23.58	23.73	22.30	22.01	22.16	**30**	20.46	20.01	20.29
			23.70	23.43	23.58	22.25	21.91	22.10	--			
			24.62	24.36	24.49	22.97	22.63	22.79	**Mean**	21.19	20.85	21.01
			25.18	24.93	25.05	23.65	23.41	23.54	**Max**	22.18	21.80	21.98
			23.70	23.43	23.58	22.25	21.91	22.10	**Min**	20.45	20.01	20.29

Water-Data Report 2015

08022500 Sabine River at Logansport, LA -- Continued



USGS Water-Year Summary 2015

08023080 Bayou Grand Cane near Stanley, LA

LOCATION - Lat 31°57'45.2", long 93°56'27.5" referenced to North American Datum of 1927, in SW 1/4 SE 1/4 sec.6, T.11 N., R.15 W., DeSoto 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 - 72.5 mi².

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08023080&agency_cd=USGS

Water-Data Report 2015

08023080 Bayou Grand Cane near Stanley, LA -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015
1	0.03	1.5	3.2	14	0.00	24	22	13	114	8.4	0.17	0.00
2	0.03	1.3	3.0	151	0.00	17	21	11	54	7.5	0.09	0.00
3	0.06	1.2	2.6	432	0.00	33	18	9.2	37	7.2	0.04	0.00
4	0.06	1.1	2.3	672	0.00	29	16	8.3	30	6.1	0.01	0.00
5	0.05	1.2	2.1	532	0.00	56	24	7.3	24	5.6	0.00	0.00
6	0.07	1.4	2.0	118	0.00	117	77	6.7	18	5.3	0.00	0.00
7	0.08	1.3	1.7	12	0.00	56	101	6.3	14	5.2	0.00	0.00
8	0.08	1.3	1.4	2.3	0.00	27	50	6.7	12	5.0	0.00	0.00
9	0.08	1.2	1.1	0.34	0.00	317	31	7.3	10	4.9	0.00	0.00
10	0.07	1.1	0.91	0.07	0.00	822	34	6.7	9.4	4.9	0.00	0.00
11	0.14	1.1	0.86	0.20	0.00	724	28	8.6	8.5	1.8	0.00	0.00
12	0.20	1.0	0.80	3.0	0.00	472	19	18	7.8	1.4	0.00	0.00
13	2.9	0.98	0.67	14	0.00	2,090	41	23	7.5	1.6	0.00	0.00
14	3.4	0.94	0.54	4.7	0.00	1,330	178	27	7.1	1.7	0.00	0.00
15	6.2	0.91	0.52	0.90	0.00	574	246	36	6.8	1.8	0.00	0.00
16	5.9	1.2	0.43	0.11	0.74	215	144	22	6.9	1.8	0.00	0.00
17	2.9	1.3	0.30	0.00	72	94	161	14	20	2.0	0.00	0.00
18	2.2	1.1	0.22	0.00	76	90	214	479	199	1.9	0.00	0.00
19	2.6	0.90	0.20	0.00	15	307	452	3,300	511	2.0	0.00	0.00
20	3.0	0.71	0.17	0.00	3.3	399	580	1,000	549	2.0	0.00	0.00
21	2.9	0.68	0.13	0.00	0.88	225	328	315	114	1.9	0.00	0.00
22	2.8	0.83	0.10	23	0.38	448	71	98	45	1.8	0.00	0.00
23	2.8	1.9	0.11	344	46	579	39	73	35	1.6	0.00	0.00
24	2.6	2.3	0.12	429	142	358	29	47	28	1.3	0.00	0.00
25	2.5	2.3	0.12	190	117	103	29	39	23	1.1	0.00	0.00
26	2.3	2.1	0.13	27	314	58	54	304	21	0.96	0.00	0.00
27	2.2	1.8	0.28	7.0	348	43	41	688	25	0.81	0.00	0.00
28	2.0	1.6	0.78	2.8	78	34	28	771	16	0.65	0.00	0.00
29	1.9	3.0	2.0	1.2		30	23	511	12	0.49	0.00	0.00
30	1.8	3.3	3.5	0.19		27	18	99	9.8	0.36	0.00	0.00
31	1.6		4.4	0.02		24		130		0.26	0.00	
Total	55.4	42.5	36.7	2,980	1,213	9,722	3,116	8,085	1,975	89.3	.31	.000
Mean	1.79	1.42	1.18	96.2	43.3	314	104	261	65.8	2.88	.010	.000
Max	6.2	3.3	4.4	672	348	2090	580	3300	549	8.4	0.17	0.00
Min	0.03	0.68	0.10	0.00	0.00	17	16	6.3	6.8	0.26	0.00	0.00
Ac-ft	110	84.4	72.8	5,911	2,407	19,280	6,182	16,039	3,917	177	.61	.000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2015, BY WATER YEAR (WY)

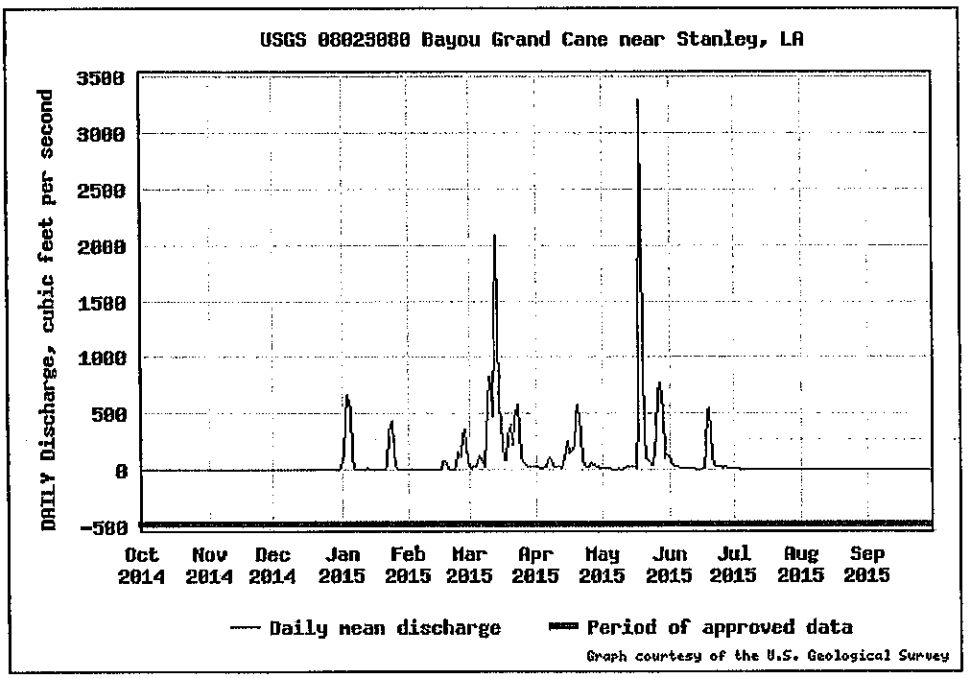
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	31.1	33.4	110	141	182	139	94.9	73.8	62.6	15.4	5.43	4.76
Max	448	220	463	704	514	555	451	389	433	291	125	50.4
(WY)	(2010)	(1987)	(2002)	(1999)	(1987)	(2001)	(1991)	(1990)	(1989)	(1989)	(1997)	(2001)
Min	.000	.000	.000	.39	1.94	.28	.015	.036	.000	.000	.000	.000
(WY)	(1991)	(1996)	(2011)	(1981)	(1996)	(2011)	(2011)	(2011)	(2011)	(1984)	(1985)	(1982)

Water-Data Report 2015

08023080 Bayou Grand Cane near Stanley, LA -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1981 - 2015	
Annual total	27,320			
Annual mean	74.8		73.9	
Highest annual mean			155.9	1989
Lowest annual mean			0.219	2011
Highest daily mean	3,300	May 19	6,230	May 18, 1989
Lowest daily mean	0.0	Jan 17	0.0	Oct 01, 1980
Annual 7-day minimum	0.0	Feb 01	0.0	Oct 01, 1980
Maximum peak flow	4,510	May 19	9,740	Jan 29, 1999
Maximum peak stage	13.24	May 19	15.48	Jan 29, 1999
Annual runoff (cfsm)	1.03		1.02	
Annual runoff (inches)	14.0		13.8	
10 percent exceeds	205.0		143.0	
50 percent exceeds	2.30		3.90	
90 percent exceeds	0.0		0.0	



USGS Water-Year Summary 2015

08023400 Bayou San Patricio near Benson, LA

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., DeSoto 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 - 80.2 mi².

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08023400&agency_cd=USGS

Water-Data Report 2015

08023400 Bayou San Patricio near Benson, LA -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES
[e, Value has been estimated.]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015
1	0.02	1.2	0.27	29	31	51	31	31	1,310	e24	0.06	0.21
2	0.03	1.2	0.94	407	33	51	29	30	329	e22	0.05	0.18
3	0.10	1.2	2.4	1,260	30	55	27	29	67	e20	0.18	0.11
4	1.2	1.1	2.0	1,790	27	51	26	27	44	e18	0.15	0.06
5	1.0	0.99	0.88	738	26	57	30	26	e37	e16	0.12	0.03
6	1.4	1.9	0.74	160	23	119	130	24	e29	e13	0.95	0.02
7	1.8	2.8	2.9	59	21	53	86	23	e24	e11	4.7	0.01
8	3.0	0.90	5.8	44	20	41	45	23	e22	e9.0	3.9	0.01
9	2.5	0.70	5.3	37	19	301	34	22	e21	e7.5	2.9	0.02
10	1.2	0.81	3.0	35	20	746	48	22	e33	e5.6	2.3	0.01
11	0.81	0.84	1.3	34	21	572	183	24	38	e4.6	2.2	0.01
12	0.68	1.5	0.12	35	19	810	66	49	18	e4.2	4.6	0.00
13	5.8	3.1	0.01	42	18	2,140	122	32	25	e3.2	5.1	0.00
14	66	1.8	0.03	32	16	1,100	415	66	28	2.1	3.0	0.00
15	34	0.58	0.45	27	15	398	507	47	23	1.2	1.7	0.00
16	15	0.43	0.63	28	20	128	332	84	26	0.99	1.2	0.00
17	10	0.87	0.86	29	78	84	412	62	36	0.87	0.84	0.00
18	7.4	1.3	0.76	27	55	73	768	1,040	253	0.76	0.45	0.00
19	5.5	1.1	2.1	22	35	243	1,030	2,560	1,140	1.4	0.14	0.00
20	3.5	1.5	1.5	22	29	173	622	920	740	1.1	0.09	0.00
21	1.8	1.3	3.4	21	25	210	204	285	176	0.63	0.03	0.00
22	0.81	0.91	4.3	47	27	641	67	136	64	0.43	0.01	0.00
23	0.37	1.3	2.8	469	75	567	47	78	39	0.30	0.01	0.00
24	0.24	1.9	1.5	497	96	224	40	55	30	0.22	0.02	0.00
25	0.38	8.3	0.33	174	96	81	54	51	28	0.20	0.02	0.00
26	0.68	9.6	0.03	63	340	58	58	589	92	0.19	0.01	0.00
27	0.42	6.1	1.2	47	195	47	39	1,040	106	0.46	0.01	0.00
28	0.22	3.9	29	41	68	41	44	671	36	0.39	0.00	0.00
29	0.13	1.9	48	37		36	37	242	29	0.25	0.24	0.00
30	0.08	0.53	33	34		32	33	65	26	0.15	0.43	0.00
31	0.95		12	31		30		677		0.09	0.30	
Total	167	61.6	168	6,318	1,477	9,213	5,566	9,030	4,869	170	35.7	.67
Mean	5.39	2.05	5.40	204	52.8	297	186	291	162	5.48	1.15	.022
Max	66	9.6	48	1790	340	2140	1030	2560	1310	24	5.1	0.21
Min	0.02	0.43	0.01	21	15	30	26	22	18	0.09	0.00	0.00
Ac-ft	331	122	332	12,530	2,932	18,270	11,040	17,910	9,658	337	70.8	1.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2015, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	24.0	45.5	125	171	198	155	117	96.1	59.8	18.0	4.63	11.6
Max	250	305	498	971	592	595	544	530	574	288	64.7	91.2

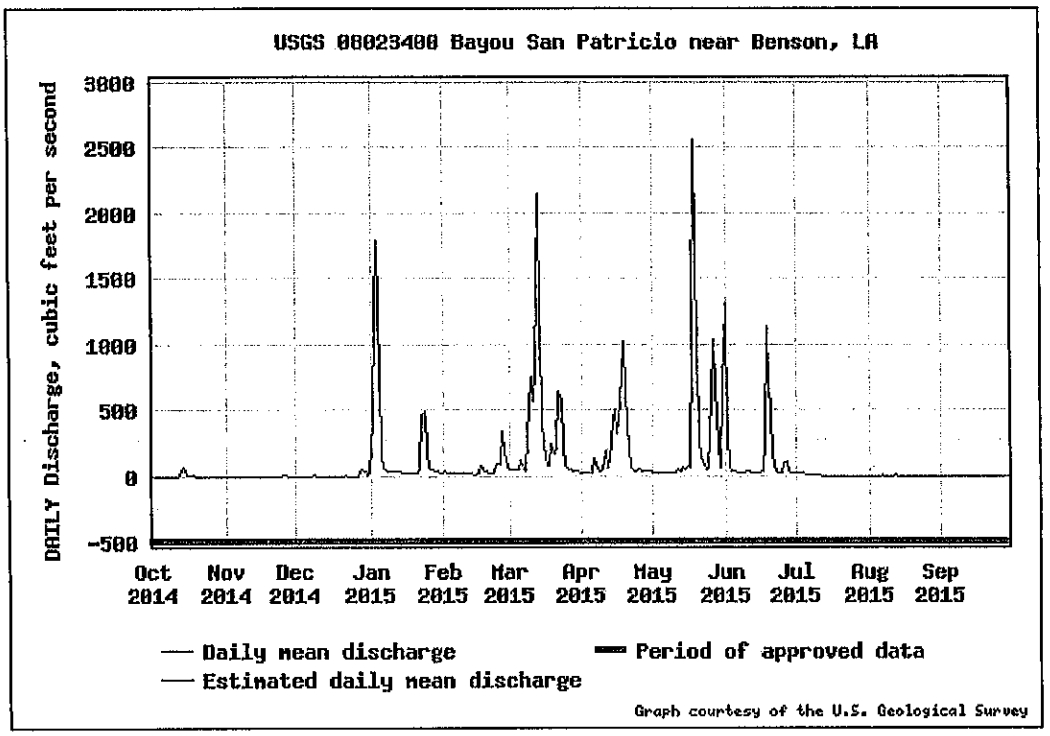
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
(WY)	(2010)	(1987)	(2002)	(1999)	(1983)	(2001)	(1991)	(1983)	(1989)	(1989)	(1991)	(2012)
Min	.000	.000	.000	.18	1.42	.55	.20	.11	.000	.000	.000	.000
(WY)	(1981)	(1981)	(1981)	(1981)	(2011)	(2011)	(2011)	(2001)	(1988)	(1978)	(1980)	(1980)

Water-Data Report 2015

08023400 Bayou San Patricio near Benson, LA -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1978 - 2015	
Annual total	37,080			
Annual mean	101.6		85.0	
Highest annual mean			190.3	1989
Lowest annual mean			0.868	2011
Highest daily mean	2,560	May 19	10,700	May 18, 1989
Lowest daily mean	0.0	Aug 28	0.0	Oct 01, 1977
Annual 7-day minimum	0.0	Sep 12	0.0	Oct 01, 1977
Maximum peak flow	3,680	May 19	16,700	May 18, 1989
Maximum peak stage	17.32	May 19	21.19	May 18, 1989
Annual runoff (cfsm)	1.27		1.06	
Annual runoff (inches)	17.2		14.3	
10 percent exceeds	247.0		163.0	
50 percent exceeds	20.0		6.90	
90 percent exceeds	0.030		0.0	



USGS Water-Year Summary 2015

08025350 Toledo Bend Reservoir near Burkeville, TX

LOCATION - Lat 31°11'46", long 93°34'19" referenced to North American Datum of 1927, Sabine Parish, LA, 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 (reservoir contents). PERIOD OF RECORD, Water-Quality: -- CHEMICAL DATA: May 1968 to July 1976. BIOCHEMICAL DATA: May 1968 to July 1976. BIOLOGICAL DATA: Dec. 1975 to July 1976. PESTICIDE DATA: Dec. 1975 to July 1976.

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 - Some records listed in the "Period of Record" for surface water and water quality may not be available electronically. 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, 2,692,000 acre-ft, Sept. 27, 2011, elevation, 160.47 ft.

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 24, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00062&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08025350&agency_cd=USGS

Water-Data Report 2015

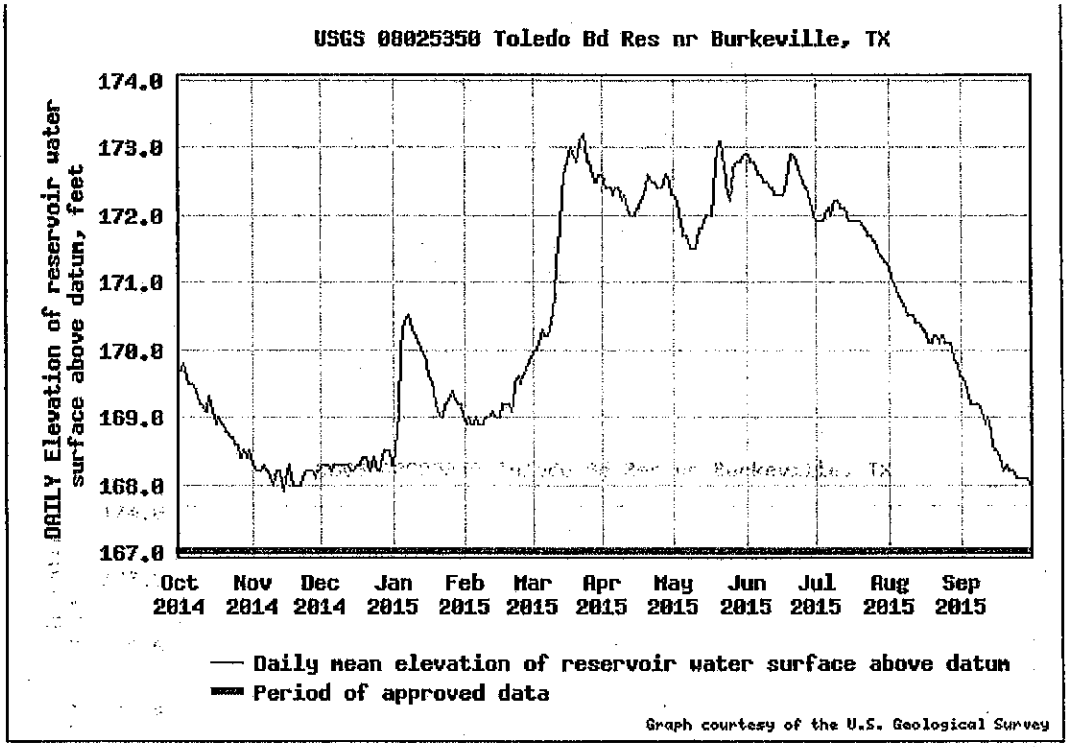
08025350 Toledo Bend Reservoir near Burkeville, TX -- Continued

ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015
1	169.7	168.4	168.3	168.3	168.9	169.9	172.5	172.3	172.9	171.9	171.2	169.6
2	169.7	168.3	168.3	168.5	169.0	170.0	172.4	172.2	172.9	171.9	171.1	169.5
3	169.8	168.2	168.3	169.1	168.9	170.0	172.4	172.0	172.8	171.9	171.0	169.4
4	169.7	168.2	168.3	170.0	168.9	170.1	172.4	171.9	172.8	171.9	170.9	169.3
5	169.5	168.2	168.2	170.3	169.0	170.3	172.3	171.7	172.7	172.0	170.8	169.2
6	169.5	168.3	168.3	170.4	168.9	170.2	172.4	171.7	172.6	172.1	170.8	169.2
7	169.5	168.2	168.3	170.5	168.9	170.2	172.4	171.6	172.6	172.0	170.7	169.2
8	169.4	168.2	168.3	170.4	168.9	170.2	172.3	171.5	172.5	172.1	170.6	169.2
9	169.3	168.1	168.3	170.3	169.0	170.4	172.2	171.5	172.5	172.2	170.5	169.1
10	169.2	168.0	168.3	170.2	169.0	170.6	172.3	171.5	172.5	172.2	170.5	169.0
11	169.2	168.1	168.3	170.1	169.0	170.8	172.1	171.6	172.4	172.1	170.5	168.9
12	169.1	168.2	168.3	170.1	169.1	171.3	172.0	171.8	172.4	172.1	170.4	169.0
13	169.1	168.2	168.2	170.0	169.0	171.8	172.0	171.8	172.3	172.1	170.4	168.8
14	169.3	168.0	168.2	169.9	169.0	172.3	172.0	171.9	172.3	172.0	170.4	168.6
15	169.1	167.9	168.2	169.8	169.0	172.6	172.1	172.0	172.3	171.9	170.3	168.5
16	169.0	168.1	168.3	169.6	169.2	172.8	172.1	172.0	172.3	171.9	170.3	168.5
17	168.9	168.3	168.3	169.5	169.2	172.9	172.2	172.0	172.3	171.9	170.2	168.4
18	169.0	168.1	168.3	169.4	169.2	173.0	172.3	172.3	172.5	171.9	170.1	168.3
19	168.9	168.0	168.4	169.2	169.2	172.9	172.4	172.8	172.7	171.9	170.1	168.2
20	168.9	168.0	168.4	169.1	169.1	172.8	172.6	173.1	172.9	171.9	170.2	168.3
21	168.8	168.0	168.3	169.0	169.2	172.9	172.5	173.1	172.9	171.8	170.2	168.2
22	168.8	168.0	168.2	169.0	169.5	173.1	172.5	172.9	172.8	171.8	170.1	168.2
23	168.7	168.1	168.4	169.2	169.6	173.2	172.5	172.7	172.7	171.7	170.2	168.2
24	168.7	168.2	168.3	169.2	169.5	173.0	172.4	172.3	172.6	171.7	170.2	168.1
25	168.6	168.2	168.2	169.3	169.6	172.8	172.4	172.2	172.5	171.6	170.1	168.1
26	168.6	168.2	168.2	169.4	169.7	172.8	172.4	172.4	172.4	171.6	170.1	168.1
27	168.4	168.2	168.4	169.3	169.8	172.6	172.5	172.7	172.4	171.5	170.1	168.1
28	168.4	168.1	168.5	169.2	169.8	172.5	172.6	172.8	172.3	171.4	170.0	168.1
29	168.5	168.2	168.5	169.2		172.5	172.5	172.8	172.1	171.4	169.8	168.1
30	168.4	168.2	168.5	169.2		172.6	172.3	172.8	172.0	171.3	169.8	168.0
31	168.5		168.3	169.0		172.6		172.9		171.3	169.6	
Mean	169.04	168.15	168.31	169.54	169.18	171.80	172.33	172.22	172.53	171.84	170.36	168.65
Max	169.8	168.4	168.5	170.5	169.8	173.2	172.6	173.1	172.9	172.2	171.2	169.6
Min	168.4	167.9	168.2	168.3	168.9	169.9	172.0	171.5	172.0	171.3	169.6	168.0

Water-Data Report 2015

08025350 Toledo Bend Reservoir near Burkeville, TX -- Continued



USGS Water-Year Summary 2015

08025360 Sabine River at Toledo Bend Reservoir near Burkeville, TX

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. PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: Oct. 1968 to Aug. 1986. BIOCHEMICAL DATA: Oct. 1968 to Aug. 1986. PESTICIDE DATA: Aug. 1970 to Feb. 1972. RADIOCHEMICAL DATA: Jan. 1981 to May 1981.

REVISED RECORDS - WRD TX-07: 1984, 1992, 1993, 2000, 2001, and 2002.

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

REMARKS - For period :10/01/2014-09/30/2015", 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. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08025360&agency_cd=USGS

Water-Data Report 2015

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

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY VALUES

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	5,200	233	2,260	7,600	209	2,620	257	198	231	270	193	235
2	5,820	236	2,490	7,300	206	2,300	257	206	233	277	194	234
3	5,850	238	5,650	7,520	196	3,670	273	198	232	270	194	233
4	7,870	236	3,120	270	198	234	268	196	233	6,640	208	398
5	7,170	226	3,680	6,570	206	3,380	267	204	232	13,700	6,300	6,750
6	7,250	6,930	7,100	7,670	202	2,240	---	---	234	13,800	8,280	13,500
7	7,280	6,900	7,090	7,440	201	2,570	---	---	235	13,800	13,600	13,700
8	7,250	6,910	7,090	7,390	203	2,590	---	---	233	14,000	13,500	13,700
9	7,350	6,980	7,130	7,100	197	2,470	288	204	234	13,900	13,600	13,800
10	7,290	264	7,100	268	192	233	269	200	234	13,900	13,700	13,800
11	7,340	236	3,710	268	207	239	5,460	201	667	13,900	13,600	13,800
12	7,390	214	3,780	269	200	236	277	191	232	14,000	13,700	13,800
13	7,360	6,760	7,150	268	192	238	6,950	200	781	14,100	13,700	13,900
14	7,080	6,620	6,820	274	207	238	264	200	233	14,100	13,800	13,900
15	7,130	6,790	6,940	281	201	236	7,500	206	828	14,100	13,800	13,900
16	7,140	6,790	6,930	279	204	234	286	201	236	14,100	13,800	14,000
17	7,130	272	6,930	278	194	234	7,640	201	843	14,200	13,800	14,000
18	6,850	226	3,510	522	204	290	270	192	231	14,200	13,900	14,000
19	6,910	218	3,550	535	456	491	7,350	203	820	14,300	14,000	14,100
20	7,010	210	3,550	10,100	192	1,260	278	207	235	14,300	14,000	14,100
21	7,060	213	3,530	267	200	232	15,000	204	3,290	14,300	14,000	14,200
22	6,900	204	3,520	255	204	229	14,900	201	3,140	14,300	7,240	13,900
23	6,930	201	2,440	270	200	235	14,900	195	1,410	7,400	7,070	7,230
24	7,020	200	2,440	270	204	235	14,900	207	1,430	7,270	6,980	7,120
25	6,920	217	3,810	258	200	232	15,200	206	1,380	7,210	6,990	7,090
26	7,180	201	3,540	270	201	233	13,700	204	891	14,500	6,940	12,200
27	7,070	201	3,540	282	202	233	7,170	200	1,380	14,500	14,200	14,300
28	287	201	240	265	199	233	7,040	207	1,260	14,500	14,200	14,400
29	391	232	316	260	197	230	7,480	203	4,650	14,500	14,200	14,400
30	439	311	375	264	204	231	15,100	7,220	11,600	14,600	14,300	14,400
31	7,190	215	1,440				15,200	249	14,900	14,600	7,130	14,100
Total	197,100	59,880	130,800	74,860	6,278	28,330			52,769	369,500	321,100	349,200
Mean	6,357	1,932	4,218	2,495	209	944			1,702	11,920	10,360	11,260
Max	7870	6980	7150	10100	456	3670			14900	14600	14300	14400
Min	287	200	240	255	192	229			231	270	193	233
Ac-ft	390,900	118,800	259,400	148,500	12,450	56,180			104,700	733,000	636,900	692,600

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April		
1	7,230	204	6,830	15,600	15,200	7,350	17,800	11,400	15,500
2	263	201	235	15,500	15,200	7,370	11,600	11,300	11,400
3	261	204	234	15,400	236	3,760	11,600	11,300	11,400
4	257	198	232	7,730	4,200	7,300	11,600	11,300	11,500
5	270	199	236	7,190	4,920	7,100	11,500	6,400	8,150
6	272	203	235	7,240	6,990	7,110	6,780	6,520	6,660
7	272	204	234	7,200	7,030	7,110	14,200	209	7,250
8	264	195	231	7,150	6,950	7,060	14,300	14,000	14,100
9	287	195	234	7,170	6,930	7,070	14,300	13,900	14,100
10	271	198	233	7,160	6,930	7,050	14,300	14,000	14,100
11	269	201	232	7,160	6,950	7,040	14,400	14,000	14,200
12	265	192	233	7,160	6,900	7,030	14,300	14,000	14,200
13	275	196	235	7,060	6,740	6,870	14,300	14,000	14,100
14	263	201	234	11,700	6,760	8,810	14,300	14,000	14,100
15	273	200	234	11,800	11,500	16,100	14,300	14,000	14,100
16	267	203	233	17,900	11,600	18,200	14,300	14,000	14,100
17	275	203	236	23,100	17,700	20,900	14,300	14,000	14,100
18	275	201	235	34,600	23,000	27,500	14,300	14,000	14,100
19	267	195	234	34,900	34,500	34,700	14,300	9,220	14,000
20	265	205	234	34,900	34,600	34,800	9,610	9,160	13,200
21	261	195	232	35,100	34,700	34,900	14,000	6,920	18,900
22	275	189	234	35,100	34,800	34,900	13,900	13,700	19,000
23	280	206	236	35,200	34,800	35,000	13,900	13,700	19,000
24	272	197	234	35,200	34,800	35,000	14,000	13,600	17,300
25	10,200	198	1,260	35,100	34,800	34,900	13,800	13,400	13,600
26	8,450	8,320	206	35,000	34,600	34,800	13,700	13,500	13,600
27	15,600	8,300	3,530	34,900	23,000	26,500	13,700	13,500	13,600
28	15,600	15,300	7,330	23,400	22,400	15,600	13,800	13,500	13,600
--				22,800	11,400	11,900	13,700	13,400	13,600
--				17,700	11,400	13,600	13,800	13,500	13,600
--				17,800	17,400	17,600			
Total	63,280	36,900	24,540	614,900	528,900	544,900	404,700	359,400	410,200
Mean	2,260	1,318	876	19,840	17,060	17,580	13,490	11,980	13,669
Max	15600	15300	7330	35200	34800	35000	17800	14000	19000
Min	257	189	206	7060	236	3760	6780	209	6660
Ac-ft	125,500	73,200	48,670	1,220,000	1,049,000	1,081,000	802,700	712,900	813,500

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	May			June			July			August		
1	13,800	13,500	13,600	25,400	25,000	25,300	13,700	99	6,870	14,100	93	4,900
2	13,900	13,600	13,700	25,300	25,100	25,200	14,000	103	7,350	14,100	101	3,610
3	13,800	13,600	13,700	25,300	25,000	25,200	14,200	97	7,130	14,100	95	3,720
4	13,800	13,600	13,700	25,300	24,900	25,200	13,000	99	287	14,000	102	4,180
5	13,900	13,700	13,800	25,300	18,700	23,200	157	102	207	14,000	102	4,140
6	13,800	13,600	13,800	18,800	18,400	18,600	171	102	207	14,100	98	4,770
7	13,900	6,580	13,800	18,700	18,300	18,500	13,700	103	6,880	14,200	101	5,340
8	13,700	201	4,670	18,700	18,400	18,500	162	96	207	13,900	101	5,180
9	14,100	192	4,240	18,600	15,700	15,700	165	102	207	14,100	104	3,600
10	13,800	204	4,350	15,700	13,200	14,000	13,800	101	5,710	6,490	97	862
11	13,900	202	4,870	13,600	13,300	13,500	14,200	98	5,880	13,900	96	1,970
12	258	200	234	13,700	13,400	13,500	13,700	102	5,760	165	93	207
13	273	195	233	13,700	13,500	13,600	13,800	93	6,220	159	103	207
14	270	195	232	13,700	13,400	13,600	13,800	96	5,950	13,900	104	1,210
15	13,700	216	8,610	13,700	13,500	13,600	6,700	93	1,550	13,700	93	4,010
16	14,000	210	7,700	13,700	13,500	13,600	6,980	90	1,040	---	---	207
17	13,800	13,500	13,700	13,700	13,500	13,600	6,290	98	894	---	---	176
18	14,000	13,500	16,100	14,700	13,600	14,000	13,500	95	1,660	193	86	146
19	31,100	13,800	30,300	18,500	14,700	16,500	6,540	86	1,450	136	86	146
20	49,400	31,100	43,900	22,900	18,500	20,700	6,600	100	1,460	---	---	176
21	49,900	49,300	49,600	25,300	22,900	24,600	13,800	95	4,660	7,260	148	772
22	50,300	49,800	50,000	25,300	25,100	25,200	171	96	206	7,060	105	1,590
23	50,400	50,000	50,300	25,300	22,300	24,700	151	101	206	7,240	110	1,410
24	50,500	32,600	42,300	22,300	15,500	19,000	13,800	93	4,640	7,120	99	1,860
25	32,600	18,800	26,200	15,500	13,400	13,800	13,900	101	4,140	7,080	113	1,310
26	26,400	26,000	26,200	13,700	13,400	13,500	13,900	96	3,590	7,120	138	1,600
27	26,100	25,800	26,000	13,700	13,400	13,600	14,000	102	4,720	7,180	163	3,680
28	26,100	25,700	25,800	13,700	13,500	13,600	14,000	101	5,210	7,250	6,950	7,100
29	25,800	25,400	25,600	13,800	13,500	13,700	14,000	101	5,310	7,200	6,940	7,090
30	25,600	25,100	25,400	13,800	114	13,600	13,900	99	4,110	7,220	6,970	7,100
31	25,400	25,100	25,300				13,900	97	4,840	7,240	6,930	7,090
Total	678,300	515,499	607,900	551,400	496,700	530,900	310,700	3,037	108,600			89,360
Mean	21,880	16,630	19,610	18,380	16,560	17,700	10,020	98.0	3,502			2,883
Max	50500	50000	50300	25400	25100	25300	14200	103	7350			7100
Min	258	192	232	13600	114	13500	151	86	206			146
Ac-ft	1,345,000	1,022,000	1,206,000	1,094,000	985,200	1,053,000	616,200	6,024	215,300			177,200

Day	Max	Min	Mean
	September		
1	7,260	6,960	7,120
2	7,210	6,900	7,100
3	7,230	6,950	7,100
4	7,260	182	7,080
5	224	134	174
6	218	110	169
7	212	124	169
8	7,370	131	5,220
9	7,400	7,150	7,280
10	7,420	7,100	7,250
11	7,340	113	2,530
12	7,340	6,770	6,940
13	7,180	6,770	7,000
14	7,250	6,870	7,030
15	7,150	6,770	6,940
16	7,060	6,820	6,950
17	7,070	6,800	6,970
18	7,080	154	6,930
19	206	109	163
20	210	113	167
21	7,280	121	1,340
22	7,260	106	1,040
23	7,340	132	1,100
24	7,300	106	1,340
25	7,370	104	1,350
26	258	117	188
27	243	123	172
28	208	105	176
29	7,360	109	1,330
30	7,360	112	1,340
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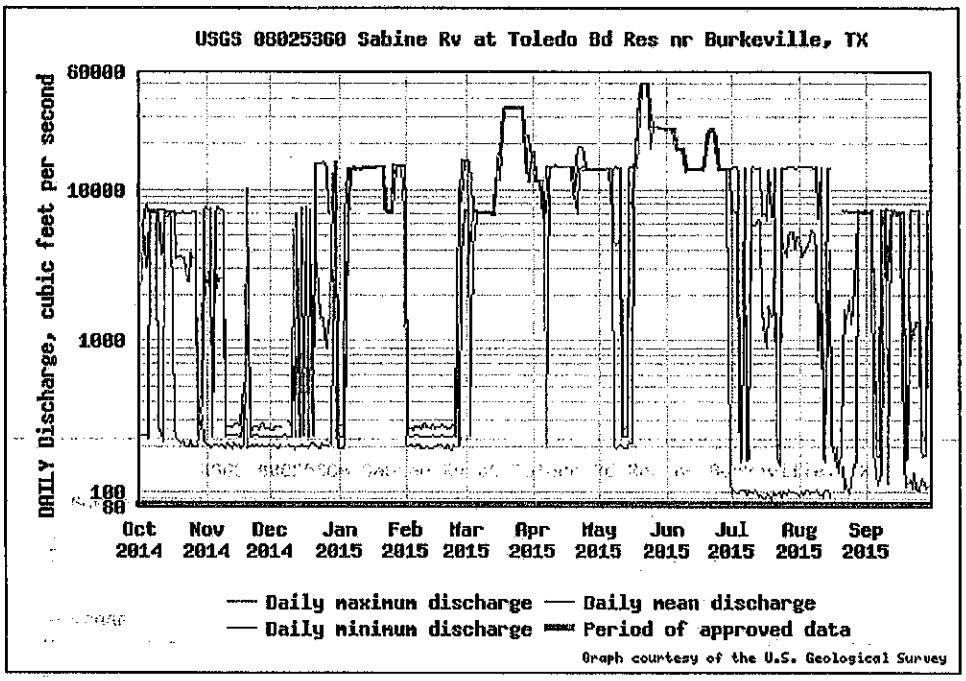
Total	161,700	78,160	109,700
Mean	5,389	2,606	3,655
Max	7420	7150	7280
Min	206	104	163
Ac-ft	320,700	155,000	217,500

Water-Data Report 2015

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



USGS Water-Year Summary 2015

08025500 Bayou Toro near Toro, LA

LOCATION - Lat 31°18'25", long 93°30'56" referenced to North American Datum of 1927, in SW 1/4 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 mi².

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08025500&agency_cd=USGS

Water-Data Report 2015

08025500 Bayou Toro near Toro, LA -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015
1	1.2	3.3	8.2	68	50	362	82	102	943	61	12	6.0
2	1.2	3.1	8.0	444	51	1,330	75	68	328	56	11	6.7
3	7.8	2.7	8.4	1,280	52	621	70	52	206	47	10	5.7
4	26	2.5	9.3	1,680	48	280	65	43	159	45	9.8	5.0
5	21	2.5	11	784	43	197	128	38	127	724	9.1	4.9
6	15	5.7	16	207	41	156	667	35	105	473	8.6	4.6
7	21	6.7	16	137	38	121	400	32	91	141	8.1	4.0
8	22	7.8	14	99	36	101	191	30	78	83	7.8	14
9	16	8.1	13	80	36	332	129	28	71	58	7.4	14
10	11	7.1	11	75	36	680	96	26	61	48	7.0	9.7
11	10	6.2	11	86	33	458	80	147	55	45	6.5	9.5
12	8.6	5.6	11	280	31	561	95	382	50	45	6.1	17
13	52	4.3	9.9	248	28	921	219	174	48	42	5.6	16
14	186	3.5	9.5	146	27	597	196	93	48	36	5.2	14
15	83	3.4	9.4	101	26	294	153	71	51	31	6.5	9.7
16	31	7.7	9.7	80	35	189	109	125	52	27	7.1	8.3
17	18	21	9.4	67	80	144	131	107	166	24	6.6	8.0
18	13	32	9.9	57	77	119	147	1,090	1,720	22	8.4	11
19	11	21	20	50	52	124	114	2,560	793	20	6.3	8.5
20	9.3	14	59	47	40	110	107	2,520	232	18	5.8	7.1
21	8.2	12	65	42	37	1,170	85	1,620	138	17	6.0	6.1
22	7.3	13	38	54	39	3,120	61	2,170	103	16	7.9	5.6
23	6.7	44	29	875	41	2,670	49	1,400	81	15	11	5.2
24	6.1	81	32	722	45	941	45	425	66	14	11	4.8
25	5.5	54	40	291	52	293	53	991	69	13	11	4.6
26	5.0	27	30	176	145	212	308	2,200	397	12	12	4.4
27	4.4	18	28	120	134	164	302	2,970	386	12	12	4.1
28	4.0	13	341	91	76	134	552	2,870	160	11	9.4	4.9
29	4.2	10	383	74		115	414	1,460	116	12	8.2	4.9
30	4.2	8.6	190	63		101	183	343	78	12	7.2	4.8
31	3.6		92	54		90		769		13	6.2	
Total	623	449	1,542	8,578	1,429	16,710	5,306	24,940	6,978	2,193	257	233
Mean	20.1	15.0	49.7	277	51.0	539	177	805	233	70.7	8.28	7.77
Max	186	81	383	1680	145	3120	667	2970	1720	724	12	17
Min	1.2	2.5	8.0	42	26	90	45	26	48	11	5.2	4.0
Ac-ft	1,236	890	3,058	17,010	2,834	33,140	10,520	49,470	13,840	4,350	509	462

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2015, BY WATER YEAR (WY)

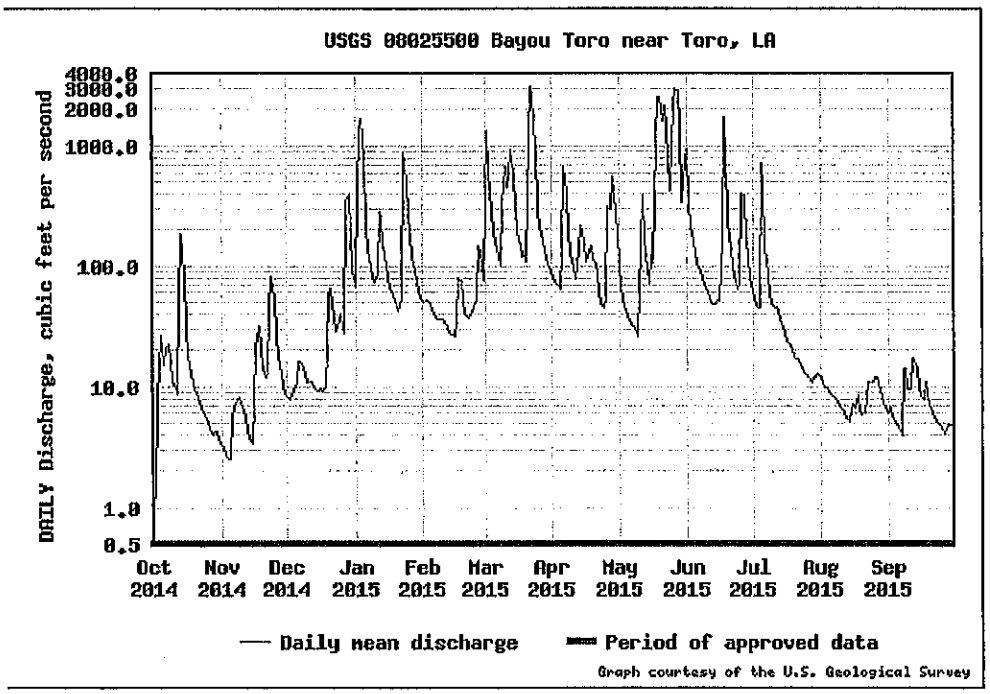
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	73.6	110	199	290	317	270	228	178	97.7	55.3	22.8	43.5
Max	1,233	663	1,166	1,228	1,117	874	1,354	1,223	1,202	887	198	928
(WY)	(2007)	(2002)	(1983)	(1999)	(1975)	(2012)	(1968)	(1975)	(1989)	(1989)	(1958)	(1961)
Min	.37	5.12	7.96	11.5	10.5	13.5	5.48	4.07	2.26	.73	.15	.76
(WY)	(2012)	(1982)	(1982)	(2000)	(2000)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)	(1956)

Water-Data Report 2015

08025500 Bayou Toro near Toro, LA -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1956 - 2015	
Annual total	69,240			
Annual mean	189.7		156.3	
Highest annual mean			408.6	1975
Lowest annual mean			17.8	2011
Highest daily mean	3,120	Mar 22	21,600	Apr 09, 1968
Lowest daily mean	1.20	Oct 01	0.0	Aug 22, 2011
Annual 7-day minimum	3.13	Oct 30	0.0	Aug 22, 2011
Maximum peak flow	3,630	May 27	31,200	Apr 09, 1968
Maximum peak stage	16.78	May 27	25.73	Apr 09, 1968
Annual runoff (cfsm)	1.28		1.06	
Annual runoff (inches)	17.4		14.3	
10 percent exceeds	432.6		293.0	
50 percent exceeds	43.0		31.0	
90 percent exceeds	5.92		5.10	



USGS Water-Year Summary 2015

08026000 Sabine River near Burkeville, TX

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. PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: May 1968 to Aug. 1986. BIOCHEMICAL DATA: May 1968 to Aug. 1986. PESTICIDE DATA: Oct. 1970 to Aug. 1986. RADIOCHEMICAL DATA: Jan. 1981 to May 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 - Since water year 1961, at least 10% of contributing drainage area has been regulated. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

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.

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

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08026000&agency_cd=USGS

Water-Data Report 2015

08026000 Sabine River near Burkeville, TX -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES
[e, Value has been estimated.]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015
1	2,580	2,010	285	6,270	9,710	6,890	16,800	14,600	27,400	9,470	5,000	7,460
2	977	2,490	288	1,310	2,630	8,300	12,600	14,500	27,000	7,510	4,120	7,500
3	6,850	3,380	290	1,910	387	5,570	11,700	14,500	26,400	6,780	3,920	7,500
4	4,820	1,450	287	3,470	302	6,590	11,600	14,500	26,200	4,590	e4,540	7,490
5	3,470	2,210	285	6,590	280	7,100	11,000	14,500	25,000	691	4,410	3,100
6	7,010	3,020	299	12,400	265	7,080	10,300	14,500	20,800	1,070	4,630	650
7	7,440	3,670	301	14,500	250	6,980	7,390	14,500	19,700	4,190	5,530	572
8	7,470	1,650	298	14,500	244	6,950	13,900	9,010	19,500	3,380	5,560	3,150
9	7,500	2,670	290	14,600	233	7,280	14,700	4,140	18,400	484	4,540	7,360
10	7,570	1,890	282	14,500	229	7,960	14,700	4,960	15,300	3,260	2,200	7,570
11	4,920	360	746	14,600	223	7,800	14,600	4,880	14,800	5,990	1,480	5,350
12	3,600	299	414	15,000	215	7,560	14,600	3,730	14,800	5,130	2,030	5,180
13	7,340	285	394	15,100	213	8,270	15,000	1,020	14,800	6,140	546	7,220
14	8,160	292	758	14,900	210	8,420	15,100	749	14,700	5,790	1,080	7,280
15	7,950	291	403	14,700	209	12,900	14,900	4,940	14,800	4,050	2,980	7,300
16	7,810	334	763	14,700	218	16,700	14,700	9,300	14,800	1,260	2,480	7,330
17	7,750	414	808	14,600	272	18,100	14,800	13,500	15,300	1,040	544	7,320
18	5,180	359	408	14,600	290	22,600	14,800	15,600	21,100	1,370	491	7,320
19	4,090	309	830	14,600	267	30,400	14,900	23,800	20,000	1,440	490	3,080
20	3,840	599	549	14,700	235	32,900	12,100	35,600	21,100	1,480	498	673
21	4,000	827	1,660	14,700	227	34,900	16,900	44,200	24,800	3,870	799	1,220
22	4,000	332	3,180	14,700	231	37,700	18,900	49,000	25,500	1,880	1,710	1,660
23	3,100	471	3,510	10,700	221	38,400	18,900	51,500	25,200	321	1,880	1,490
24	2,610	573	918	8,440	222	38,000	18,700	51,700	20,600	2,630	2,110	1,610
25	4,340	446	1,790	7,670	1,060	36,600	15,300	45,500	15,800	4,030	2,020	1,840
26	3,870	377	1,740	10,100	408	35,800	14,600	38,200	14,800	3,500	1,960	1,040
27	3,970	333	889	14,400	1,290	33,500	15,300	35,000	14,900	4,490	2,520	538
28	2,220	311	2,260	14,700	6,410	23,600	15,800	33,600	14,600	4,920	7,000	619
29	341	300	4,090	14,700		13,800	15,300	31,200	14,400	5,350	7,380	1,200
30	271	292	9,240	14,700		12,500	14,900	28,800	14,400	4,770	7,420	1,830
31	674		14,800	14,700		16,400		27,400		4,800	7,440	
Total	145,700	32,240	53,050	377,100	26,950	557,500	434,800	668,900	576,900	115,700	99,310	123,500
Mean	4,701	1,075	1,711	12,160	963	17,990	14,490	21,580	19,230	3,731	3,202	4,115
Max	8160	3670	14800	15100	9710	38400	18900	51700	27400	9470	7440	7570
Min	271	285	282	1310	209	5570	7390	749	14400	321	490	538
Ac-ft	289,000	63,949	105,200	747,900	53,460	1,106,000	862,400	1,327,000	1,144,000	229,400	197,000	244,900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2015, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,387	2,478	5,321	7,766	8,338	9,828	7,671	7,203	5,084	4,015	3,043	2,842
Max	7,346	26,870	17,990	28,510	27,320	45,040	26,529	32,070	25,310	23,750	6,662	11,660
(WY)	(2010)	(2010)	(1962)	(1974)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(1976)	(2001)
Min	82.5	86.2	247	429	266	485	231	355	400	166	91.7	77.6
(WY)	(1968)	(1968)	(1968)	(2008)	(1968)	(1968)	(1971)	(2013)	(1970)	(1964)	(1967)	(1967)

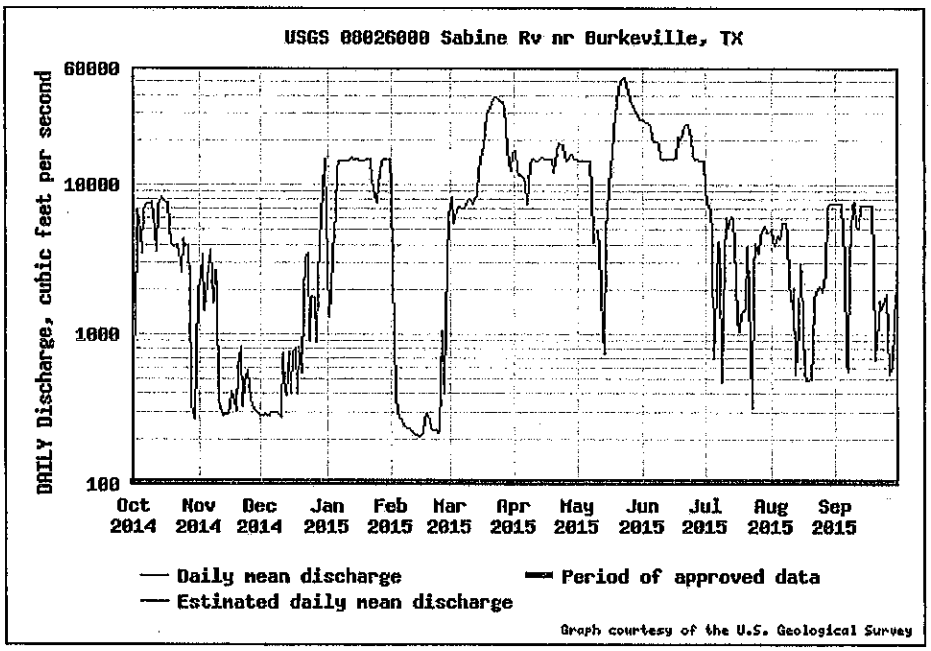
Water-Data Report 2015

08026000 Sabine River near Burkeville, TX -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1961 - 2015	
Annual total	3,212,000			
Annual mean	8,799		5,402	
Highest annual mean			11,190	1995
Lowest annual mean			547.7	1967
Highest daily mean	51,700	May 24	117,000	Feb 01, 1999
Lowest daily mean	209.0	Feb 15	38.0	Sep 14, 1967
Annual 7-day minimum	216.7	Feb 10	40.9	Sep 09, 1967
Maximum peak flow	52,600[a]	May 24	124,000[a]	Feb 01, 1999
Maximum peak stage	40.90	May 24	48.05	Feb 01, 1999
Annual runoff (cfsm)	1.18		0.722	
Annual runoff (inches)	16.0		9.80	
10 percent exceeds	20,240		15,200	
50 percent exceeds	5,350		2,480	
90 percent exceeds	300.6		299.0	

[a] Discharge affected by Regulation or Diversion



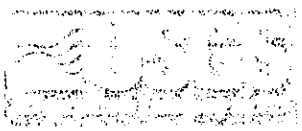
USGS Water-Year Summary 2015

08028000 Bayou Anacoco near Rosepine, LA

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 mi².

U.S. Department of the Interior
U.S. Geological Survey



Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08028000&agency_cd=USGS

Water-Data Report 2015

08028000 Bayou Anacoco near Rosepine, LA -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015
1	43	42	118	794	234	222	286	837	1,320	450	43	11
2	43	43	114	885	216	608	254	610	954	396	35	32
3	57	38	113	1,460	203	752	223	450	695	279	29	21
4	83	36	106	2,450	185	629	218	339	517	219	23	14
5	79	36	100	2,690	187	869	852	267	394	270	22	36
6	64	245	97	2,320	178	1,380	3,300	210	304	254	17	23
7	119	399	104	1,410	163	903	3,490	177	238	187	15	30
8	167	177	98	968	150	585	2,280	160	194	155	15	56
9	112	107	91	692	146	721	1,090	142	159	131	14	24
10	95	84	90	592	145	1,460	740	127	134	120	12	15
11	102	68	87	559	134	1,640	567	123	125	112	12	16
12	107	64	84	1,160	127	1,260	474	174	113	108	16	18
13	123	61	81	1,160	122	1,500	719	203	132	98	19	15
14	533	56	79	828	108	1,720	764	231	141	84	14	10
15	732	46	82	622	103	1,290	614	228	149	72	12	8.7
16	477	73	86	499	110	911	463	342	155	64	15	8.1
17	307	582	85	411	175	681	827	382	261	57	18	7.6
18	216	688	82	349	224	539	965	770	1,790	52	13	6.8
19	168	378	132	302	221	454	1,290	2,380	2,570	47	18	6.9
20	129	225	367	267	193	410	1,680	2,540	2,370	44	38	6.1
21	107	162	352	243	167	613	1,370	2,240	1,450	41	38	5.3
22	94	140	244	240	176	2,200	715	2,230	936	38	27	5.5
23	82	369	199	979	197	2,970	483	2,000	665	36	23	5.1
24	70	1,040	228	1,360	174	3,090	371	1,540	494	33	18	4.8
25	61	841	211	998	159	2,350	303	1,200	375	31	15	4.6
26	54	447	174	745	221	1,340	261	1,920	292	43	28	4.5
27	49	297	159	585	272	906	500	2,810	356	79	25	4.8
28	46	216	780	468	232	666	1,690	3,460	526	58	18	48
29	46	162	1,910	379		506	1,870	3,400	542	45	13	53
30	48	134	1,940	326		403	1,240	2,510	496	38	10	32
31	45		1,240	274		337		1,730		47	9.0	
Total	4,458	7,256	9,633	27,020	4,922	33,920	29,900	35,730	18,850	3,688	624	533
Mean	144	242	311	871	176	1,094	997	1,153	628	119	20.1	17.8
Max	732	1040	1940	2690	272	3090	3490	3460	2570	450	43	56
Min	43	36	79	240	103	222	218	123	113	31	9.0	4.5
Ac-ft	8,842	14,390	19,110	53,580	9,763	67,270	59,300	70,870	37,380	7,315	1,238	1,057

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2015, BY WATER YEAR (WY)

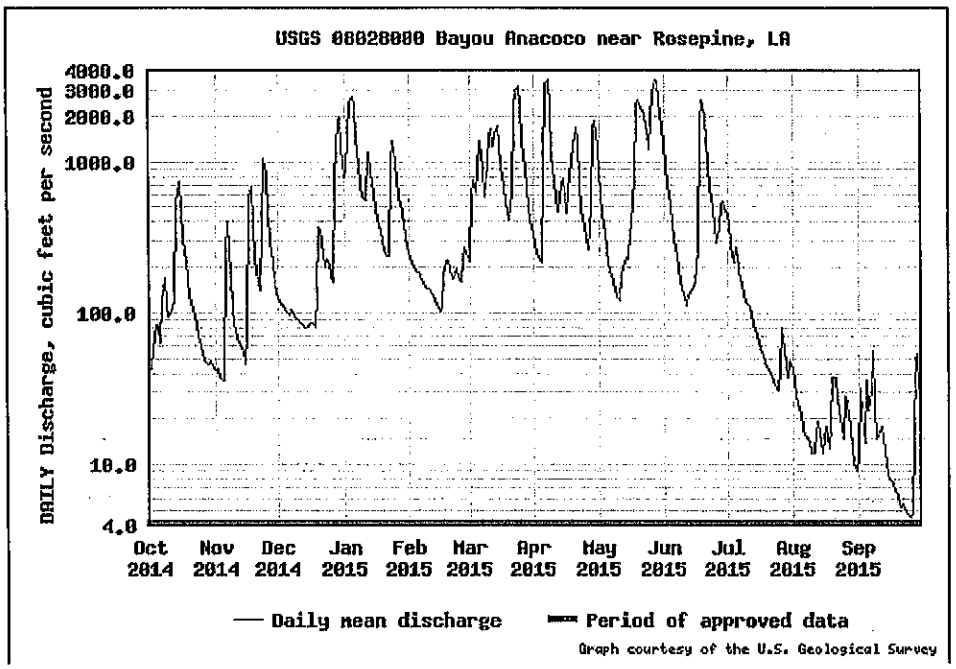
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	189	384	654	732	897	738	680	572	285	221	134	153
Max	2,199	2,572	6,006	2,741	4,220	3,173	2,402	6,181	2,628	2,665	2,286	1,698
(WY)	(2007)	(2003)	(1983)	(1990)	(1966)	(2012)	(1952)	(1953)	(1989)	(1989)	(1955)	(1958)
Min	4.24	7.83	18.3	25.8	24.6	92.7	19.3	8.27	8.38	6.75	2.86	9.18
(WY)	(2012)	(2013)	(2011)	(2000)	(2000)	(2000)	(2011)	(2011)	(2011)	(2011)	(2011)	(1993)

Water-Data Report 2015

08028000 Bayou Anacoco near Rosepine, LA -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1952 - 2015	
Annual total	176,500			
Annual mean	483.6		467.7	
Highest annual mean			1,265	1983
Lowest annual mean			27.0	2011
Highest daily mean	3,490	Apr 07	49,900	Apr 30, 1953
Lowest daily mean	4.50	Sep 26	0.560	Sep 02, 2011
Annual 7-day minimum	4.94	Sep 21	1.11	Aug 17, 2011
Maximum peak flow	3,670	Apr 07	64,300	May 19, 1953
Maximum peak stage	17.25	Apr 07	28.38	May 19, 1953
Annual runoff (cfsm)	1.32		1.28	
Annual runoff (inches)	18.0		17.4	
10 percent exceeds	1,426		1,080	
50 percent exceeds	187.0		138.5	
90 percent exceeds	18.0		18.0	



ANACOCO BAYOU AT LA HWY 111 CROSSING SW OF KNIGHT LA
(TCEQ ID 10340, SRA-TX ID BA4)
WATER QUALITY

The Sabine River Authority of Texas Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin for the Water Year 2014-2015. The results of field monitoring are presented below and results of sampling at additional stations within the Basin can be found at the Texas Commission on Environmental Quality (TCEQ) Clean Rivers Program (CRP) Data tool website: http://www80.tceq.texas.gov/SwqmisWeb/public/crpweb.faces.

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E. coli* mpn/100mL
10/15/14 11:36	10340(BA4)	0.3	19.9	7.0	8.0	88	165	106	0.07	112	2,420
11/12/14 12:24	10340(BA4)	0.3	16.1	7.4	7.8	79	597	381	0.28	15.0	28
12/10/14 12:00	10340(BA4)	0.3	14.5	7.5	7.6	75	906	580	0.15	29.6	77
01/14/15 11:52	10340(BA4)	0.3	8.3	6.6	11.0	93	108	69	0.17	52.2	411
02/11/15 11:40	10340(BA4)	0.3	14.8	7.3	8.5	84	444	284	0.19	26.2	10
03/11/15 11:53	10340(BA4)	0.3	12.4	6.8	9.9	93	67	43	0.10	89.1	1,120
04/15/15 11:55	10340(BA4)	0.3	21.1	6.9	7.5	84	207	133	0.21	46.5	201
05/13/15 11:45	10340(BA4)	0.3	23.5	7.2	6.7	79	342	219	0.15	38.7	67
06/10/15 11:40	10340(BA4)	0.3	28.2	7.0	6.3	81	363	233	0.17	33.1	23
07/15/15 12:15	10340(BA4)	0.3	30.2	7.4	6.6	88	538	344	0.35	14.1	12
08/19/15 11:53	10340(BA4)	0.3	27.1	7.5	6.3	79	948	608	0.25	22.7	26
09/16/15 11:30	10340(BA4)	0.3	26.3	7.7	7.0	87	1,090	697	0.50	8.91	33

USGS Water-Year Summary 2015

08028500 Sabine River near Bon Wier, TX

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 - Since water year 1961, at least 10% of contributing drainage area has been regulated. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

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.

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

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08028500&agency_cd=USGS

Water-Data Report 2015

08028500 Sabine River near Bon Wier, TX -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015
1	4,360	999	739	14,100	14,400	7,090	18,700	17,500	33,500	15,500
2	2,360	2,160	693	6,040	9,000	8,040	17,700	16,800	32,100	11,400
3	1,850	2,540	666	3,270	3,530	9,220	14,300	16,400	31,100	9,900
4	5,880	3,370	653	5,370	1,720	6,710	13,400	16,200	30,100	9,200
5	4,370	1,900	651	6,630	1,470	8,190	13,300	16,000	29,400	5,080
6	3,970	2,520	663	10,500	1,380	9,100	15,500	15,900	27,600	2,220
7	6,700	3,230	677	15,000	1,310	9,010	15,000	15,900	24,000	2,290
8	7,130	3,630	683	15,400	1,250	8,470	14,100	14,800	22,400	6,360
9	7,250	2,360	678	15,200	1,220	8,530	17,600	8,730	21,800	3,990
10	7,310	2,770	683	15,100	1,180	10,000	17,200	5,770	19,600	1,520
11	6,920	2,010	681	15,200	1,140	10,700	16,700	6,090	17,100	4,910
12	4,790	967	918	16,100	1,110	10,200	16,500	6,590	16,400	7,420
13	4,360	764	877	16,800	1,070	10,600	17,000	4,300	16,300	6,980
14	7,690	717	708	16,400	1,040	10,900	17,600	2,330	16,200	7,690
15	8,420	691	1,010	15,800	1,020	11,700	17,400	2,000	16,200	7,390
16	8,250	745	765	15,500	1,020	15,600	16,900	7,860	16,200	4,630
17	7,930	975	1,010	15,300	1,060	17,800	16,900	11,600	16,900	2,200
18	7,260	1,450	991	15,200	1,170	20,000	17,700	15,400	28,500	1,840
19	5,060	1,410	981	15,200	1,220	24,500	17,800	19,500	33,000	2,190
20	4,260	1,120	1,440	15,100	1,180	29,800	17,200	27,900	28,700	2,240
21	4,010	1,100	1,520	15,000	1,130	33,000	16,400	35,100	27,700	2,240
22	4,030	1,350	2,290	15,100	1,110	37,100	19,900	40,100	28,700	4,510
23	3,950	1,150	3,400	15,300	1,090	39,600	21,100	43,400	28,900	2,510
24	3,140	1,750	3,120	12,200	1,090	40,400	21,300	45,700	27,800	994
25	2,760	1,950	1,680	10,400	1,080	40,600	20,500	47,800	23,200	3,520
26	4,000	1,610	1,980	9,380	1,740	40,100	17,500	48,900	18,500	5,380
27	3,820	1,220	1,950	12,800	1,500	39,100	16,900	47,000	17,100	4,580
28	3,860	1,000	2,120	15,300	3,000	36,900	18,500	44,400	17,000	5,520
29	2,260	881	3,690	15,500		28,000	19,300	41,700	16,800	6,030
30	998	800	6,820	15,400		17,900	18,600	39,000	16,700	6,330
31	795		12,500	15,400		16,300		36,100		5,580
Total	149,700	49,140	57,240	415,000	59,230	615,200	518,499	716,800	699,500	162,100
Mean	4,830	1,638	1,845	13,390	2,115	19,840	17,280	23,120	23,320	5,230
Max	8420	3630	12500	16800	14400	40600	21300	48900	33500	15500
Min	795	691	651	3270	1020	6710	13300	2000	16200	994
Ac-ft	297,000	97,470	113,500	823,100	117,500	1,220,000	1,028,000	1,422,000	1,387,000	321,600

Aug 2015	Sep 2015
5,660	7,690
5,840	7,730
4,820	7,760
4,540	7,750
4,950	7,180
5,040	2,820
5,390	1,010
6,170	758
6,170	3,950
4,960	7,500
2,490	7,740
2,050	4,750
1,890	6,110
924	7,370
1,210	7,460
3,350	7,500
2,320	7,500
871	7,480
715	6,950
644	2,710
622	996
752	1,210
1,620	1,590
1,820	1,460
2,060	1,560
1,910	1,710
1,860	1,170
3,290	722
7,090	737
7,560	1,190
7,640	
106,200	132,100
3,427	4,402
7640	7760
622	722
210,700	261,900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2015, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,980	3,358	6,671	9,349	10,290	11,440	9,218	8,248	6,008	4,809	3,540	3,378
Max	8,948	29,220	21,420	30,930	31,390	46,850	27,370	31,210	26,340	31,490	7,921	12,310
(WY)	(2002)	(2010)	(1983)	(1974)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(2007)	(2001)
Min	189	217	820	988	746	1,159	634	876	663	530	211	206
(WY)	(1968)	(1968)	(2008)	(2008)	(1968)	(2011)	(1971)	(2011)	(1970)	(1964)	(1967)	(1967)

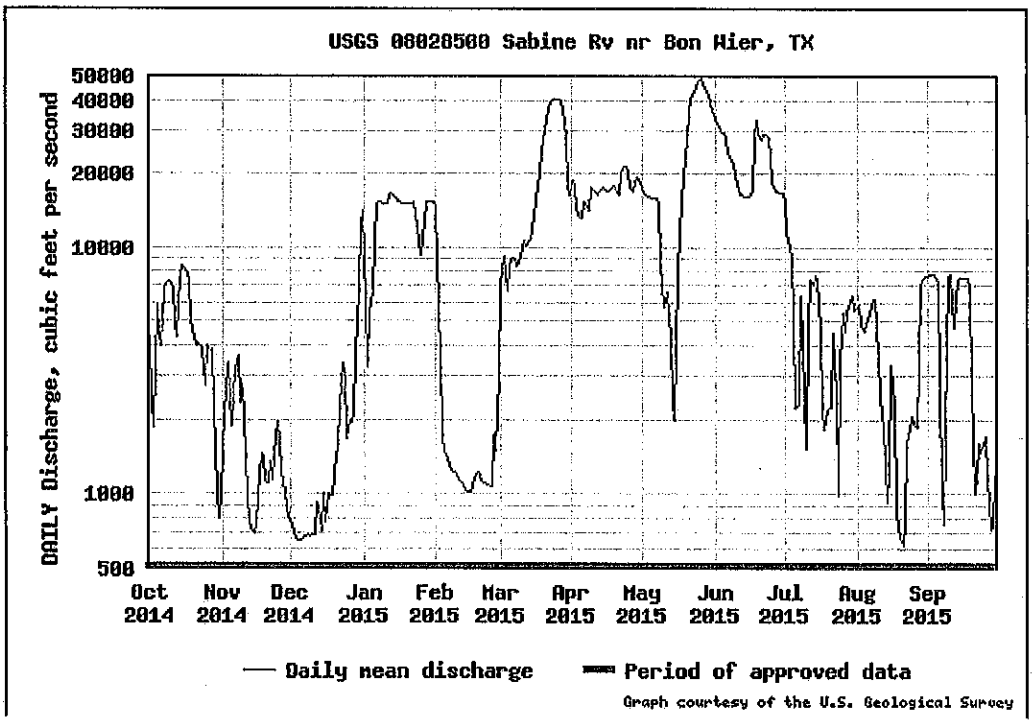
Water-Data Report 2015

08028500 Sabine River near Bon Wier, TX -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1961 - 2015	
Annual total	3,681,000			
Annual mean	10,080		6,506	
Highest annual mean			12,670	1975
Lowest annual mean			928.0	2011
Highest daily mean	48,900	May 26	98,000	Jul 04, 1989
Lowest daily mean	622.0	Aug 21	134.0	Nov 09, 1966
Annual 7-day minimum	667.3	Dec 03	142.0	Nov 03, 1966
Maximum peak flow	49,600[a]	May 25	98,200[a]	Jul 04, 1989
Maximum peak stage	35.38	May 25	37.90	Jul 04, 1989
Annual runoff (cfsm)	1.23		0.790	
Annual runoff (inches)	16.6		10.7	
10 percent exceeds	24,200		16,800	
50 percent exceeds	6,590		3,360	
90 percent exceeds	995.2		716.0	

[a] Discharge affected by Regulation or Diversion



SABINE RIVER AT US 190 EAST OF BON WIER TX
(TCEQ ID 10398, SRA-TX ID SR3)
WATER QUALITY

The Sabine River Authority of Texas Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin for the Water Year 2014-2015. The results of field monitoring are presented below and results of sampling at additional stations within the Basin can be found at the Texas Commission on Environmental Quality (TCEQ) Clean Rivers Program (CRP) Data tool website: http://www80.tceq.texas.gov/SwqmisWeb/public/crpweb.faces.

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E. coli* mpn/100mL
10/15/14 11:55	10398(SR3)	0.3	22.8	7.2	7.8	90	178	114	0.41	15.2	108
11/12/14 12:45	10398(SR3)	0.3	17.0	7.2	8.7	90	237	152	0.52	11.4	14
12/10/14 12:22	10398(SR3)	0.3	14.0	7.2	9.8	94	305	196	0.46	11.6	12
01/14/15 12:11	10398(SR3)	0.3	9.8	7.0	10.6	93	164	105	0.32	30.4	66
02/11/15 12:00	10398(SR3)	0.3	15.5	7.4	9.0	90	224	143	0.28	14.9	11
03/11/15 12:13	10398(SR3)	0.3	11.5	7.2	10.6	97	137	88	0.30	28.6	210
04/15/15 12:15	10398(SR3)	0.3	18.9	7.2	8.6	92	161	103	0.35	18.9	78
05/13/15 12:05	10398(SR3)	0.3	21.1	7.3	7.8	87	163	104	0.34	20.5	152
06/10/15 12:00	10398(SR3)	0.3	28.1	7.1	6.9	90	153	98	0.33	13.6	3
07/15/15 12:50	10398(SR3)	0.3	30.1	7.1	6.7	89	149	96	0.40	13.9	10
08/19/15 12:13	10398(SR3)	0.3	29.2	7.1	6.1	79	223	143	0.61	9.10	6
09/16/15 11:50	10398(SR3)	0.3	27.5	7.1	7.1	90	149	96	0.44	8.23	13

USGS Water-Year Summary 2015

08029500 Big Cow Creek near Newton, TX

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. PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: July 1975 to Jan. 1979. SEDIMENT DATA: Dec. 1976 to Jan. 1979.

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 - No known regulation or diversions. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

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

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=001_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08029500&agency_cd=USGS

Water-Data Report 2015

08029500 Big Cow Creek near Newton, TX -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015	2015	2015
1	15	18	28	67	46	42	65	75	102	44	19	15
2	19	17	28	425	46	78	68	63	81	55	19	16
3	27	16	28	453	45	86	70	57	70	58	17	16
4	41	16	29	925	44	63	70	53	63	50	16	16
5	36	21	31	312	45	86	94	51	58	58	15	17
6	27	32	33	123	45	74	375	48	54	44	16	19
7	30	38	47	87	42	56	235	48	51	39	15	17
8	40	32	39	71	41	52	114	52	47	35	15	16
9	32	26	33	67	40	291	83	55	45	33	15	16
10	29	23	30	80	39	514	70	49	43	31	14	16
11	28	21	28	110	38	228	64	61	59	30	15	25
12	32	20	26	394	36	445	63	157	60	31	17	98
13	50	20	26	188	34	1,160	99	103	54	30	26	49
14	228	19	26	106	33	489	232	80	52	28	23	27
15	117	19	26	81	33	189	144	71	52	26	18	22
16	55	27	25	68	37	123	88	61	56	25	16	22
17	37	73	25	61	47	98	155	61	116	24	17	34
18	30	77	25	56	52	85	227	57	1,390	23	16	26
19	26	46	49	52	43	79	203	74	1,140	22	18	21
20	24	35	134	49	38	79	127	81	197	21	18	19
21	22	32	92	47	38	388	82	59	105	20	18	18
22	21	32	57	57	39	1,370	66	92	81	20	19	17
23	20	110	46	382	42	978	59	111	68	19	20	17
24	20	138	43	223	41	240	81	70	58	19	20	16
25	19	74	38	119	41	141	114	88	52	18	21	15
26	18	46	35	84	47	111	91	733	47	18	27	15
27	18	37	39	68	50	95	206	953	45	21	28	15
28	17	32	591	59	41	85	321	1,150	54	34	21	17
29	17	30	339	54		77	209	332	53	26	18	20
30	18	29	149	50		72	104	134	46	21	16	24
31	18		83	48		68		133		19	16	
Total	1,131	1,156	2,228	4,966	1,163	7,942	3,978	5,212	4,399	942	569	681
Mean	36.5	38.5	71.9	160	41.5	256	133	168	147	30.4	18.4	22.7
Max	228	138	591	925	52	1370	375	1150	1390	58	28	98
Min	15	16	25	47	33	42	59	48	43	18	14	15
Ac-ft	2,243	2,293	4,419	9,850	2,307	15,750	7,892	10,340	8,725	1,868	1,129	1,351

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2015, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	94.8	121	167	179	213	173	158	138	106	68.5	51.2	69.0
Max	1,513	551	489	645	743	500	533	817	414	426	221	491
(WY)	(2007)	(2003)	(1983)	(1974)	(1984)	(2012)	(1953)	(1953)	(1993)	(1989)	(1973)	(1998)

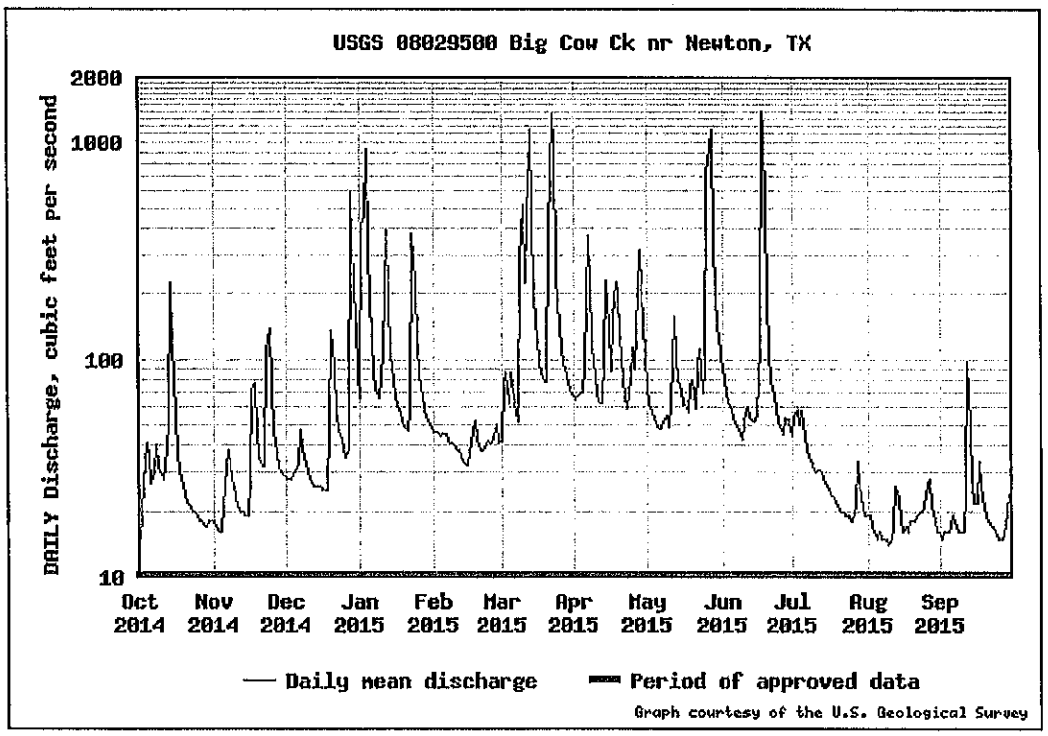
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Min	6.18	17.7	39.3	42.2	41.5	35.5	24.7	15.7	10.2	7.57	4.18	11.1
(WY)	(2012)	(2012)	(1982)	(1982)	(2015)	(2013)	(2011)	(2011)	(2011)	(2011)	(2011)	(2011)

Water-Data Report 2015

08029500 Big Cow Creek near Newton, TX -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1952 - 2015	
Annual total	34,370			
Annual mean	94.2		127.9	
Highest annual mean			278.5	2007
Lowest annual mean			26.7	2011
Highest daily mean	1,390	Jun 18	23,200	Oct 17, 2006
Lowest daily mean	14.0	Aug 10	1.40	Aug 23, 2011
Annual 7-day minimum	15.0	Aug 05	2.36	Aug 18, 2011
Maximum peak flow	1,970	Jun 18	41,500	Oct 17, 2006
Maximum peak stage	15.88	Jun 18	21.09	Oct 17, 2006
Annual runoff (cfsm)	0.736		0.996	
Annual runoff (inches)	9.99		13.5	
10 percent exceeds	188.4		220.0	
50 percent exceeds	45.0		62.0	
90 percent exceeds	17.0		26.0	



USGS Water-Year Summary 2015

08030500 Sabine River near Ruliff, TX

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 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD - Oct. 1924 to current year. PERIOD OF RECORD, Water-Quality.-- CHEMICAL DATA: Sept. 1945 to Sept. 1946, Oct. 1947 to Feb. 1999. BIOCHEMICAL DATA: Oct. 1967 to Feb. 1999. BIOLOGICAL DATA: Oct. 1974 to Aug. 1995. PESTICIDE DATA: Feb. 1968 to May 1982. RADIOCHEMICAL DATA: Oct. 1969 to Feb. 1999. SEDIMENT DATA: Oct. 1974 to Aug. 1995. PERIOD OF DAILY RECORD, Water-Quality.-- SPECIFIC CONDUCTANCE: Sept. 1945 to Sept. 1946, Oct. 1947 to Apr. 1999. WATER TEMPERATURE: Oct. 1947 to Apr. 1999. COLOR: Nov. 1969 to Dec. 1975.

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 - Since water year 1961, at least 10% of contributing drainage area has been regulated. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

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 ft³/s, May 22, 1953, gage height, 29.98 ft, current datum; minimum, 270 ft³/s, several days in Sept. and Oct. 1956.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION - 36 years (water years 1925-1960) 8,780 ft³/s (6,359,000 acre-ft/yr).

U.S. Department of the Interior
U.S. Geological Survey

Suggested citation: U.S. Geological Survey, 2016, National Water Information System data available on the World Wide Web (USGS Water Data for the Nation), accessed [February 22, 2016], at URL http://nwis.waterdata.usgs.gov/nwis/wys_rpt?dd_parm_cds=002_00060&adr_begin_date=2014-10-01&adr_end_date=2015-09-30&site_no=08030500&agency_cd=USGS

Water-Data Report 2015

08030500 Sabine River near Ruliff, TX -- Continued

DISCHARGE, CUBIC FEET PER SECOND
YEAR 2014-10-01 to 2015-09-30
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	2014	2014	2014	2015	2015	2015	2015	2015	2015	2015
1	3,950	1,140	1,200	8,880	13,800	2,060	20,500	17,200	39,700	14,300
2	4,350	940	1,100	10,500	14,000	4,780	17,600	16,700	31,100	14,000
3	4,020	1,460	1,030	11,600	14,000	6,960	16,400	16,000	25,400	13,700
4	2,370	2,300	971	11,300	13,300	8,530	15,800	15,500	22,100	13,200
5	3,870	2,960	935	9,940	10,200	9,350	15,400	15,000	20,300	12,500
6	5,100	2,880	919	9,670	5,670	9,370	14,600	14,600	19,100	11,500
7	4,710	2,120	907	10,100	3,260	9,620	13,700	14,200	18,300	9,540
8	5,470	3,030	899	11,000	2,470	10,100	13,300	14,000	17,700	6,560
9	6,570	3,640	905	12,200	2,100	10,600	13,200	13,800	16,800	5,640
10	7,320	3,070	906	13,000	1,890	11,000	13,300	13,500	16,100	6,380
11	7,760	2,860	897	14,100	1,750	11,300	13,500	12,800	15,600	4,770
12	8,020	2,670	889	15,200	1,630	12,100	14,000	11,100	15,400	4,060
13	7,510	1,640	906	15,600	1,510	12,800	14,600	9,440	15,000	5,890
14	6,290	1,040	1,080	15,800	1,410	13,100	15,000	8,090	14,500	6,990
15	6,590	852	1,000	15,800	1,340	13,200	15,000	5,610	14,100	7,520
16	7,910	850	1,010	15,800	1,290	13,300	15,200	3,620	14,000	7,870
17	8,860	929	1,060	15,500	1,270	13,400	16,100	4,500	14,200	7,650
18	9,190	1,030	1,040	15,200	1,250	13,600	17,100	7,350	15,500	5,670
19	9,180	1,360	1,310	15,000	1,300	14,000	17,400	9,450	18,500	3,600
20	8,460	1,690	2,020	14,700	1,380	14,600	17,400	10,800	26,300	2,900
21	6,710	1,550	2,650	14,500	1,390	15,900	17,000	12,000	30,000	2,970
22	5,340	1,310	3,290	14,700	1,360	18,600	16,600	13,300	24,600	2,930
23	4,740	1,670	3,630	15,100	1,300	23,800	15,900	15,500	20,000	3,550
24	4,490	1,960	4,680	15,100	1,260	31,500	15,500	20,400	17,800	4,140
25	4,040	2,460	4,840	15,100	1,240	38,200	15,800	27,800	16,900	2,670
26	3,390	3,050	3,600	15,000	1,240	41,500	16,200	37,900	16,400	2,380
27	3,630	2,890	2,970	14,600	1,400	39,700	17,100	46,600	15,900	4,340
28	4,070	2,170	2,960	13,700	1,750	36,800	17,800	53,500	15,700	5,050
29	4,130	1,630	3,000	13,200		34,400	17,800	56,100	14,900	5,260
30	3,560	1,350	4,650	13,200		31,700	17,500	53,700	14,400	5,720
31	1,950		6,720	13,400		26,200		47,600		6,160
Total	173,600	58,500	63,970	418,500	105,800	552,100	476,300	617,700	576,300	209,400
Mean	5,598	1,950	2,064	13,500	3,777	17,810	15,880	19,930	19,210	6,755
Max	9190	3640	6720	15800	14000	41500	20500	56100	39700	14300
Min	1950	850	889	8880	1240	2060	13200	3620	14000	2380
Ac-ft	344,200	116,000	126,900	830,100	209,800	1,095,000	944,700	1,225,000	1,143,000	415,400

Aug 2015	Sep 2015
6,320	6,920
6,150	7,410
6,100	7,710
5,960	7,900
5,450	8,040
5,230	8,090
5,340	7,080
5,460	3,970
5,820	1,880
6,210	2,190
6,240	5,090
5,140	6,640
3,290	7,070
2,800	6,360
1,880	6,660
1,410	7,270
2,280	7,650
3,340	7,870
2,190	7,960
1,350	7,970
1,160	6,880
1,060	3,750
1,040	1,820
1,320	1,810
1,920	1,810
2,140	1,760
2,330	1,910
2,180	1,940
2,560	1,480
4,540	1,140
6,080	
114,300	156,000
3,687	5,201
6320	8090
1040	1140
226,700	309,500

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2015, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,881	4,140	8,017	11,120	12,030	12,810	10,670	9,194	7,110	5,661	4,077	4,052
Max	15,310	24,990	22,070	35,570	33,170	48,230	33,240	32,980	26,240	42,320	10,130	12,530
(WY)	(2007)	(2010)	(1983)	(1961)	(1999)	(2001)	(1969)	(1966)	(1989)	(1989)	(2007)	(1998)
Min	292	327	987	1,237	1,344	1,287	946	892	845	805	382	333
(WY)	(1968)	(1968)	(2011)	(2000)	(2000)	(2011)	(2011)	(2011)	(2011)	(1967)	(1967)	(1967)

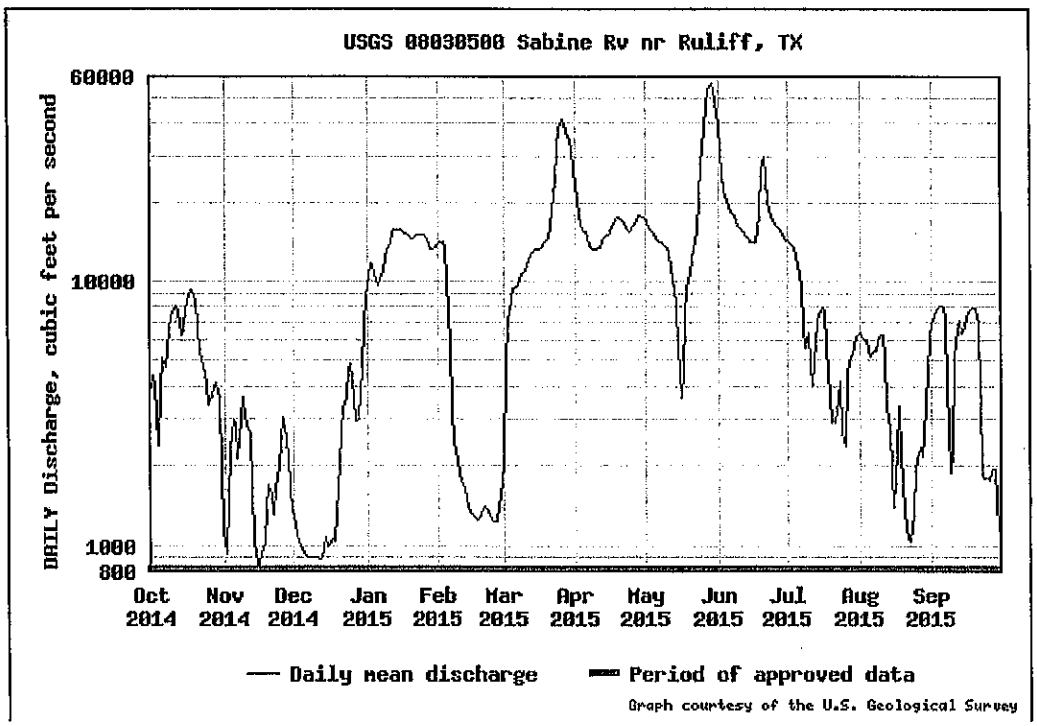
Water-Data Report 2015

08030500 Sabine River near Ruliff, TX -- Continued

SUMMARY STATISTICS

	Water Year 2015		Water Years 1961 - 2015	
Annual total	3,522,000			
Annual mean	9,650		7,626	
Highest annual mean			14,210	1975
Lowest annual mean			1,057	2011
Highest daily mean	56,100	May 29	108,000	Jul 07, 1989
Lowest daily mean	850.0	Nov 16	278.0	Oct 28, 1967
Annual 7-day minimum	901.3	Dec 07	282.4	Oct 09, 1967
Maximum peak flow	56,900[a]	May 29	109,000[a]	Jul 06, 1989
Maximum peak stage	26.66	May 29	29.15	Jul 06, 1989
Annual runoff (cfsm)	1.03		0.817	
Annual runoff (inches)	14.0		11.1	
10 percent exceeds	17,540		17,900	
50 percent exceeds	7,070		4,440	
90 percent exceeds	1,300		1,070	

[a] Discharge affected by Regulation or Diversion



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, amended June 14, 1985, and amended October 25, 2013 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.

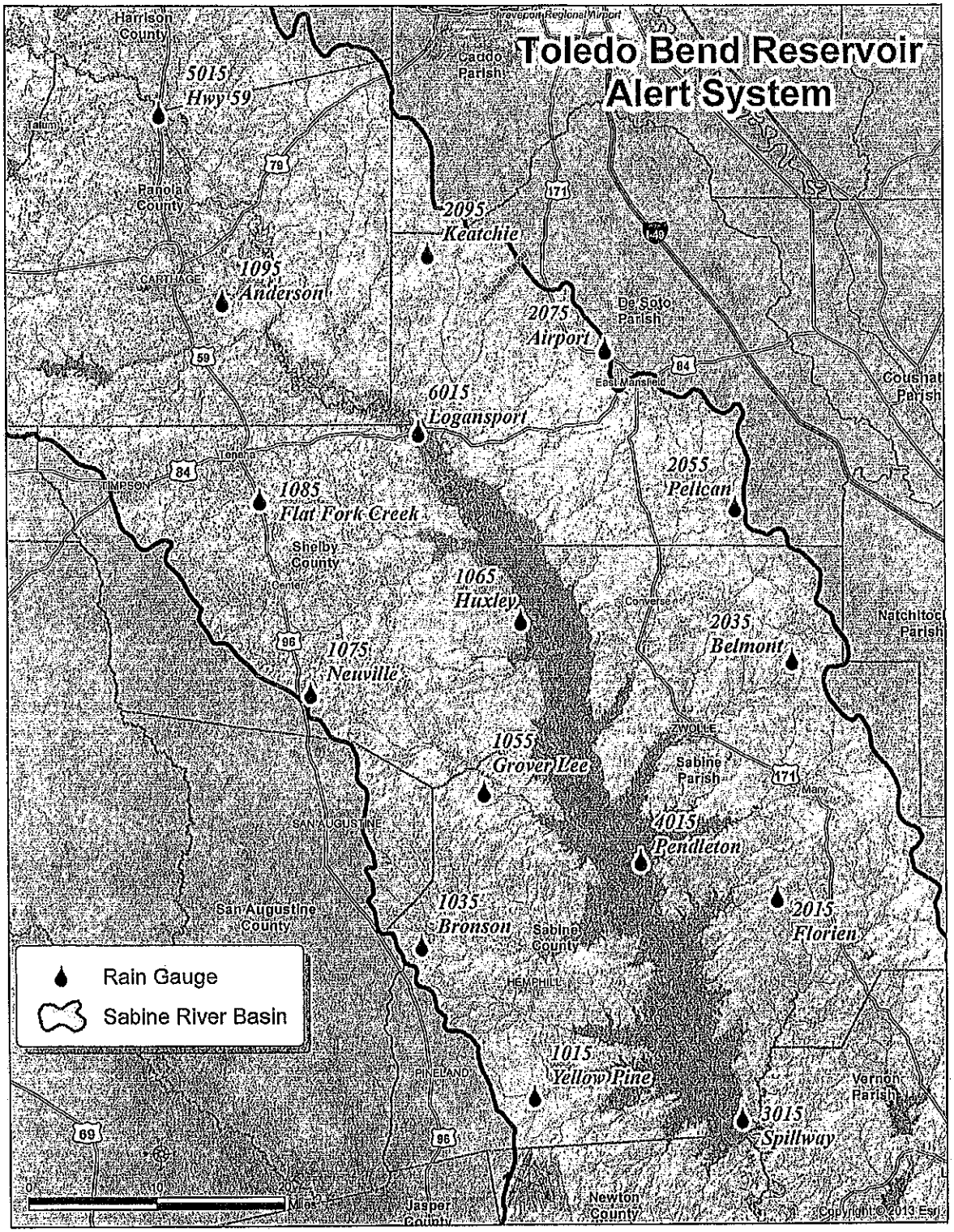
11. In the event anyone should desire to protest or oppose any matter pending before the Administration, a protest or opposition shall be filed with the Administration at least five days before the date on which the subject has been set for hearing.

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.

13. Stateline Flow

a. "Beckville Gauge" means the United States Geological Survey gauge, Station No. 08022040 – Sabine River near Beckville, Texas.

b. The flow at Stateline is to be estimated based on the daily mean flow rate at the Beckville Gauge for flow rates at the Beckville Gauge ranging from 7 cfs to 24 cfs, as: Q Stateline = 5.39 + 1.42 Q Beckville Gauge. For example, a daily mean discharge of 21.56 cfs at the Beckville Gauge would yield a discharge at Stateline of 5.39 + (1.42)(21.56) which equals 36 cfs.


Toledo Bend Reservoir
Alert System
Harrison County
5015
Hwy 59
Caddo Parish
Shreveport Regional Airport
Panola County
2095
Keatchie
1095
Anderson
CARTHAGE
2075
Airport
De Soto Parish
Cousnat Parish
6015
Logansport
2055
Pelican
1085
Flat Fork Creek
Shelby County
1065
Huxley
2035
Belmont
Natchitoc Parish
1075
Newville
1055
Grover Lee
Sabine Parish
4015
Pendleton
San Augustine County
1035
Bronson
2015
Florien
Sabine County
1015
Yellow Pine
3015
Spillway
Vernon Parish
Rain Gauge
Sabine River Basin
Jasper County
Newton County
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LOCATION OF TOLEDO BEND TRANSMITTING WEATHER STATIONS

ID#	NAME	LATITUDE	LONGITUDE
1015	YELLOW PINE	31° 13' 11.8"	93° 50' 49.6"
1035	BRONSON	31° 23' 29"	93° 59' 52"
1055	GROVER LEE	31° 33' 55"	93° 54' 57"
1065	HUXLEY	31° 45' 37.2"	93° 52' 06.7"
1075	NEUVILLE	31° 40' 33"	94° 08' 50"
1085	FLAT FORK CREEK	31° 53' 38.2"	94° 12' 55.4"
1095	ANDERSON	32 ° 07' 00"	94° 15' 59"
2015	FLORIEN	31° 26' 53"	93° 31' 35"
2035	BELMONT	31° 43' 00"	93° 30' 26"
2055	PELICAN	31° 53' 23"	93° 35' 00"
2075	AIRPORT	32° 04' 00"	93° 45' 22"
2095	KEATCHIE	32° 10' 22"	93° 59' 40"
3015	SPILLWAY	31° 11' 47.3"	93° 34' 18.6"
4015	PENDLETON	31° 29' 20"	93° 42' 24"
5015	HWY. 59	32° 19' 38"	94° 21' 16"
6015	LOGANSPORT	31° 58' 20"	94° 00' 22"

Station #4015, Site 11, has been relocated to approximate latitude of 31°29'20" and longitude 93°42'24" and renamed Pendleton. It is no longer a Weather station and is now only a Rain gage. This new location is north of LA Hwy. 6 immediately across the roadway from the SRALA Administrative Office located on the south side of LA Hwy. 6 at the east end of the Pendleton Bridge.

WATER YEAR 14-15

AVG IS THE LONG TERM AVERAGE BASED ON THE TEN YEAR PERIOD OF WY 97-98 THROUGH WY 06-07 FROM THE 2008 ANNUAL REPORT

	BELMONT (ID# 2035)			PELICAN (ID# 2055)			AIRPORT (ID# 2075)			KEATCHIE (ID# 2095)		
MONTH	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF
OCT 14	4.80	4.186	0.614	3.98	3.969	0.011	2.91	4.220	-1.310	2.95	4.172	-1.222
NOV	4.57	5.698	-1.128	2.48	5.559	-3.079	2.56	4.732	-2.172	3.39	4.831	-1.441
DEC	5.12	6.441	-1.321	3.23	5.730	-2.500	2.52	4.941	-2.421	3.03	5.086	-2.056
JAN	10.98	5.737	5.243	7.52	5.110	2.410	7.48	4.960	2.520	7.17	5.413	1.757
FEB	2.76	5.199	-2.439	3.15	5.074	-1.924	3.43	4.807	-1.377	3.54	4.524	-0.984
MAR	6.69	4.094	2.596	6.38	4.388	1.992	7.60	4.121	3.479	6.50	4.026	2.474
APR	3.94	3.417	0.523	5.43	2.999	2.431	5.12	3.619	1.501	4.72	3.174	1.546
MAY	11.34	2.948	8.392	10.51	2.917	7.593	9.76	2.593	7.167	10.00	3.386	6.614
JUN	3.39	4.851	-1.461	4.76	3.917	0.843	6.06	4.980	1.080	5.35	4.099	1.251
JUL	3.23	3.554	-0.324	0.83	3.594	-2.764	0.94	2.330	-1.390	0.12	3.275	-3.155
AUG	0.55	3.454	-2.904	0.28	2.409	-2.129	0.04	2.161	-2.121	1.38	1.753	-0.373
SEP 15	1.26	3.547	-2.287	0.47	3.896	-3.426	1.22	3.419	-2.199	0.08	4.343	-4.263
TOTAL	58.63	53.126	5.504	49.02	49.562	-0.542	49.64	46.883	2.757	48.23	48.082	0.148
CHECK			5.504			-0.542			2.757			0.148

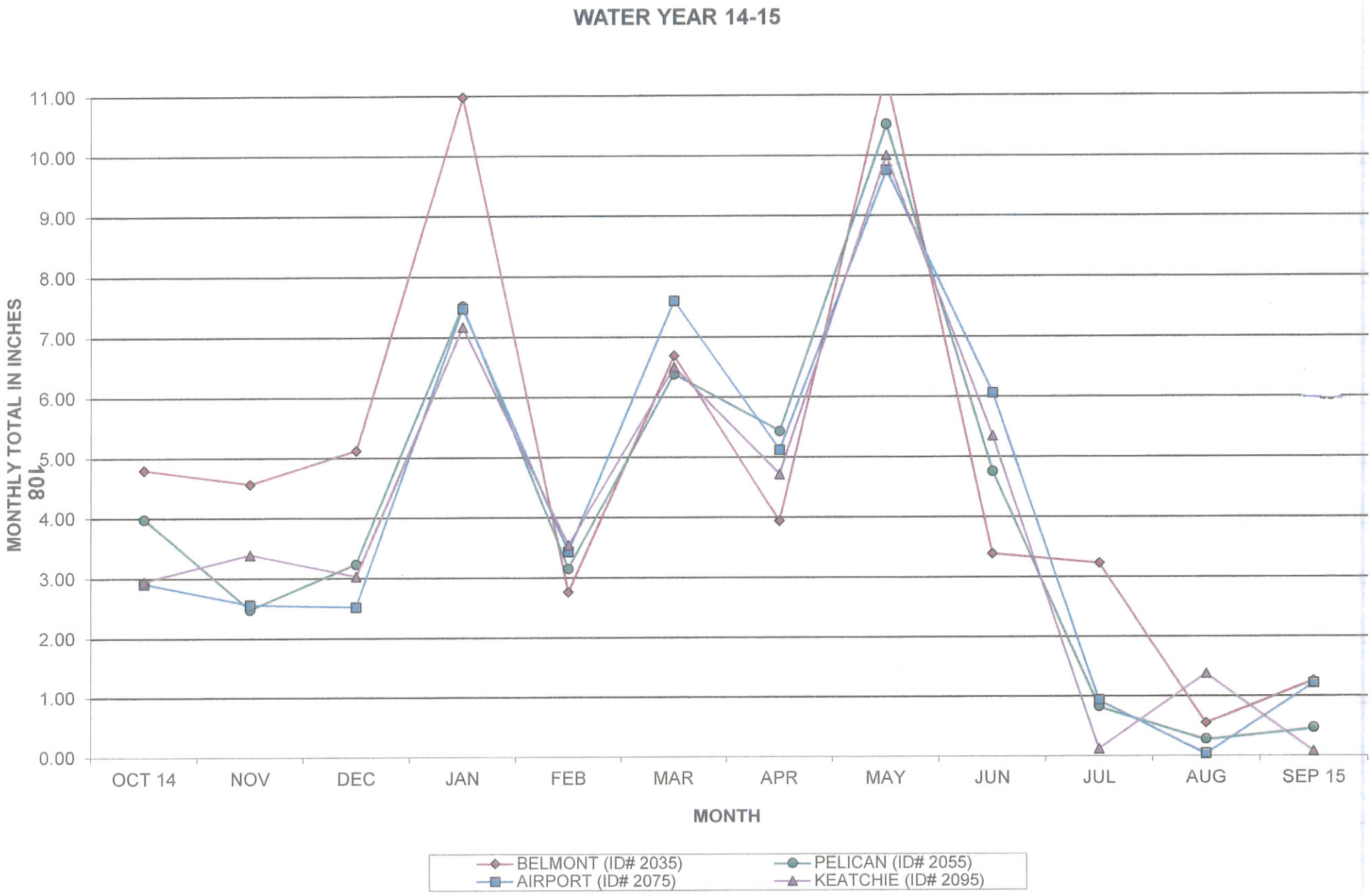
	SPILLWAY (ID# 3015)			PENDLETON (ID# 4015)			HIGHWAY 59 (ID# 5015)			LOGANSPORT (ID# 6015)		
MONTH	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF
OCT 14	4.56	4.268	0.292	2.52	3.172	-0.652	2.68	3.591	-0.911	4.65	3.423	1.227
NOV	3.24	5.062	-1.822	3.11	3.397	-0.287	5.35	4.367	0.983	3.11	4.371	-1.261
DEC	4.71	4.922	-0.212	5.12	3.122	1.998	2.87	4.580	-1.710	2.36	5.377	-3.017
JAN	6.79	3.643	3.147	9.33	3.575	5.755	6.10	4.288	1.812	7.91	5.137	2.773
FEB	1.57	3.457	-1.887	2.28	2.186	0.094	3.62	4.004	-0.384	2.83	5.105	-2.275
MAR	5.83	3.973	1.857	9.29	2.579	6.711	7.32	4.449	2.871	6.85	4.183	2.667
APR	6.10	2.836	3.264	4.76	2.481	2.279	6.50	2.740	3.760	5.51	3.342	2.168
MAY	8.86	2.314	6.546	9.96	2.086	7.874	8.86	3.103	5.757	8.43	2.764	5.666
JUN	4.76	4.426	0.334	3.43	2.351	1.079	2.83	4.649	-1.819	6.93	5.102	1.828
JUL	1.50	3.327	-1.827	1.50	1.144	0.356	1.18	3.011	-1.831	0.31	3.064	-2.754
AUG	0.55	1.938	-1.388	0.55	0.847	-0.297	4.72	1.822	2.898	1.06	1.456	-0.396
SEP 15	3.03	3.113	-0.083	2.87	1.622	1.248	0.51	3.519	-3.009	0.71	3.577	-2.867
TOTAL	51.50	43.279	8.221	54.72	28.562	26.158	52.54	44.123	8.417	50.66	46.901	3.759
CHECK			8.221			26.158			8.417			3.759

WATER YEAR 14-15

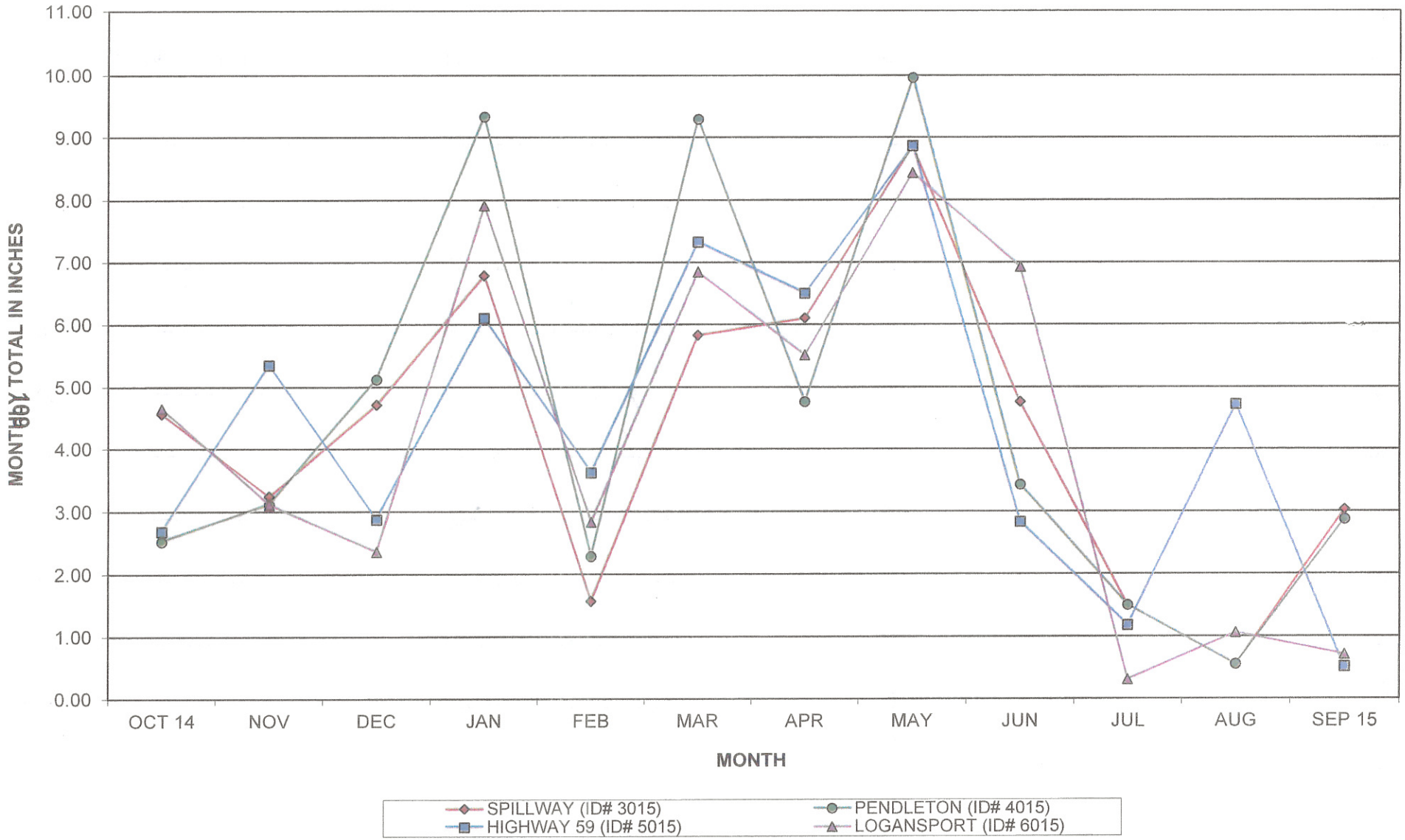
AVG IS THE LONG TERM AVERAGE BASED ON THE TEN YEAR PERIOD OF WY 97-98 THROUGH WY 06-07 FROM THE 2008 ANNUAL REPORT

	YELLOW PINE (ID# 1015)			BRONSON (ID# 1035)			GROVER LEE (ID# 1055)			HUXLEY (ID# 1065)		
MONTH	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF
OCT 14	3.07	4.432	-1.362	4.72	4.224	0.496	4.76	4.342	0.418	3.15	3.276	-0.126
NOV	2.24	5.216	-2.976	4.06	5.851	-1.791	2.60	5.231	-2.631	1.85	5.697	-3.847
DEC	2.64	4.639	-1.999	4.92	5.090	-0.170	4.29	5.208	-0.918	1.38	4.973	-3.593
JAN	6.22	4.499	1.721	7.24	4.570	2.670	9.29	4.614	4.676	3.23	5.161	-1.931
FEB	1.14	3.231	-2.091	1.50	3.752	-2.252	1.14	4.316	-3.176	2.24	4.583	-2.343
MAR	9.06	3.910	5.150	7.56	4.649	2.911	7.32	4.214	3.106	6.34	3.973	2.367
APR	5.87	2.711	3.159	5.47	3.271	2.199	5.71	2.701	3.009	5.91	2.445	3.465
MAY	7.95	3.043	4.907	10.51	3.220	7.290	9.53	2.406	7.124	4.49	1.910	2.580
JUN	2.36	4.968	-2.608	3.39	5.131	-1.741	6.30	3.969	2.331	6.65	3.448	3.202
JUL	1.34	2.603	-1.263	1.54	3.685	-2.145	0.55	2.859	-2.309	0.79	3.004	-2.214
AUG	0.91	2.880	-1.970	0.91	2.167	-1.257	1.57	2.657	-1.087	0.75	2.030	-1.280
SEP 15	3.90	3.890	0.010	4.17	4.342	-0.172	2.40	3.532	-1.132	1.26	2.656	-1.396
TOTAL	46.70	46.022	0.678	55.99	49.952	6.038	55.46	46.049	9.411	38.04	43.156	-5.116
CHECK			0.678			6.038			9.411			-5.116

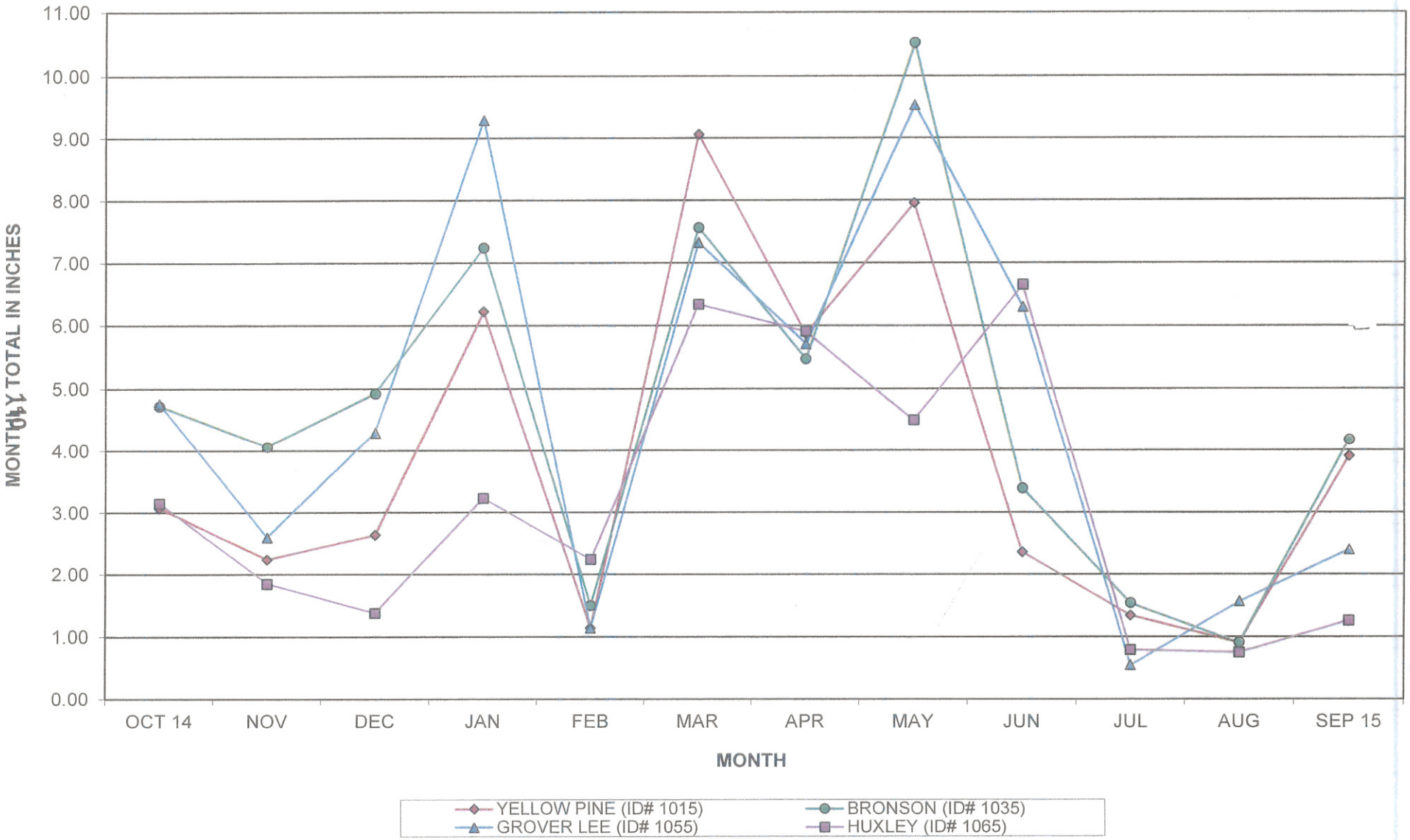
	NEUVILLE (ID# 1075)			FLAT FORK CREEK (ID# 1085)			ANDERSON (ID# 1095)			FLORIEN (ID# 2015)		
MONTH	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF	RAIN	AVG	DIFF
OCT 14	5.47	3.910	1.560	2.87	3.643	-0.773	3.94	4.306	-0.366	3.86	4.416	-0.556
NOV	3.07	5.467	-2.397	3.03	5.206	-2.176	5.16	4.897	0.263	2.17	5.841	-3.671
DEC	3.31	5.151	-1.841	1.81	5.247	-3.437	1.97	4.423	-2.453	3.15	5.888	-2.738
JAN	8.86	4.593	4.267	7.99	5.004	2.986	7.05	4.752	2.298	2.44	4.595	-2.155
FEB	2.32	4.724	-2.404	0.63	4.854	-4.224	3.27	4.308	-1.038	1.54	3.965	-2.425
MAR	6.26	3.796	2.464	1.73	3.771	-2.041	6.30	4.158	2.142	7.64	4.098	3.542
APR	7.28	2.896	4.384	7.28	3.033	4.247	4.53	2.996	1.534	5.47	3.268	2.202
MAY	7.09	2.917	4.173	7.83	3.394	4.436	6.02	3.450	2.570	7.83	2.237	5.593
JUN	6.38	4.729	1.651	6.57	4.389	2.181	5.04	4.293	0.747	3.15	3.295	-0.145
JUL	0.67	3.104	-2.434	0.08	3.464	-3.384	0.83	2.922	-2.092	2.48	2.838	-0.358
AUG	2.17	2.492	-0.322	3.27	2.114	1.156	2.32	1.672	0.648	0.20	1.901	-1.701
SEP 15	0.20	2.811	-2.611	2.80	3.122	-0.322	0.63	3.311	-2.681	2.56	2.827	-0.267
TOTAL	53.08	46.590	6.490	45.89	47.241	-1.351	47.06	45.488	1.572	42.49	45.169	-2.679
CHECK			6.490			-1.351			1.572			-2.679


WATER YEAR 14-15
MONTHLY TOTAL IN INCHES
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
OCT 14
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP 15
MONTH
BELMONT (ID# 2035)
PELICAN (ID# 2055)
AIRPORT (ID# 2075)
KEATCHIE (ID# 2095)

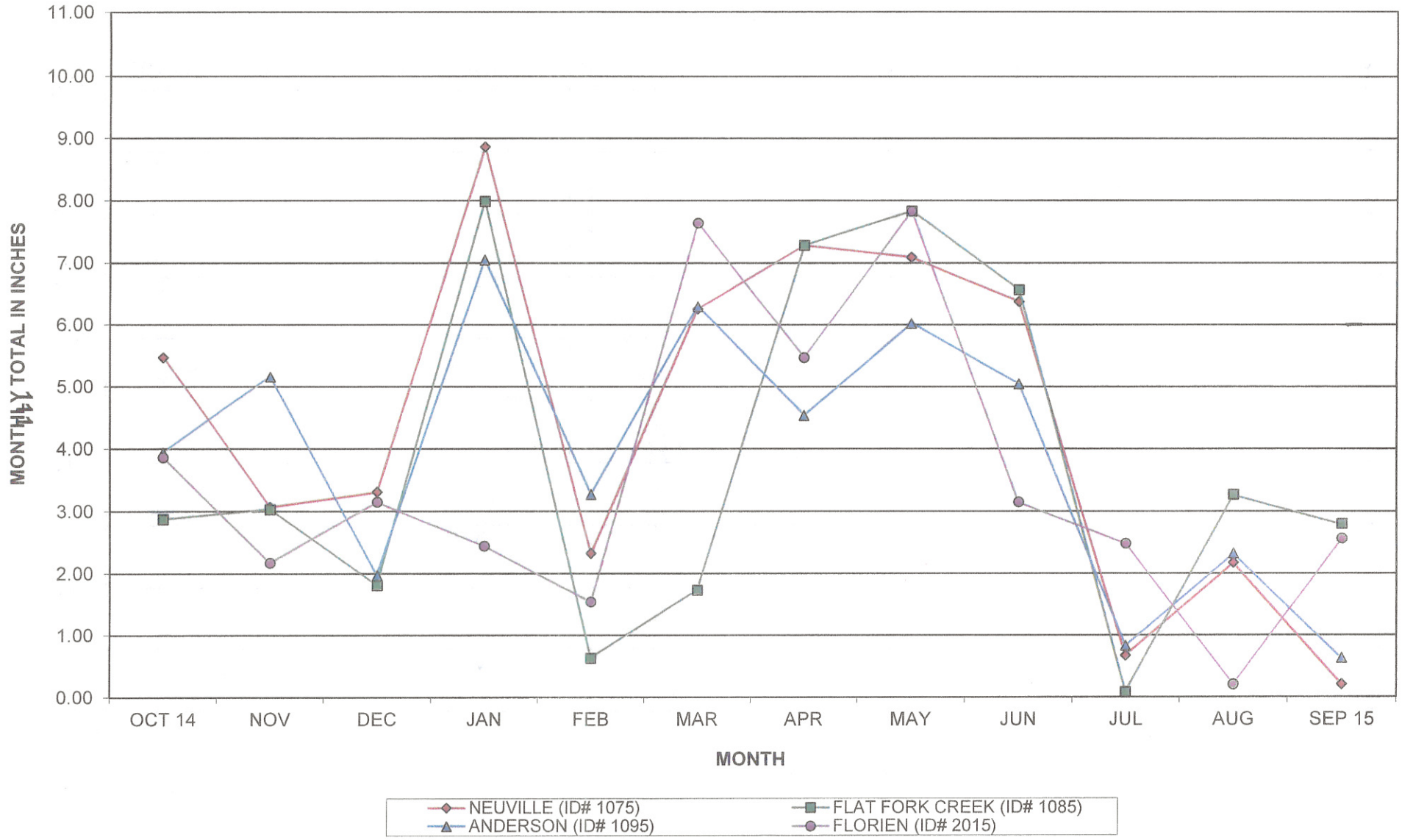
WATER YEAR 14-15

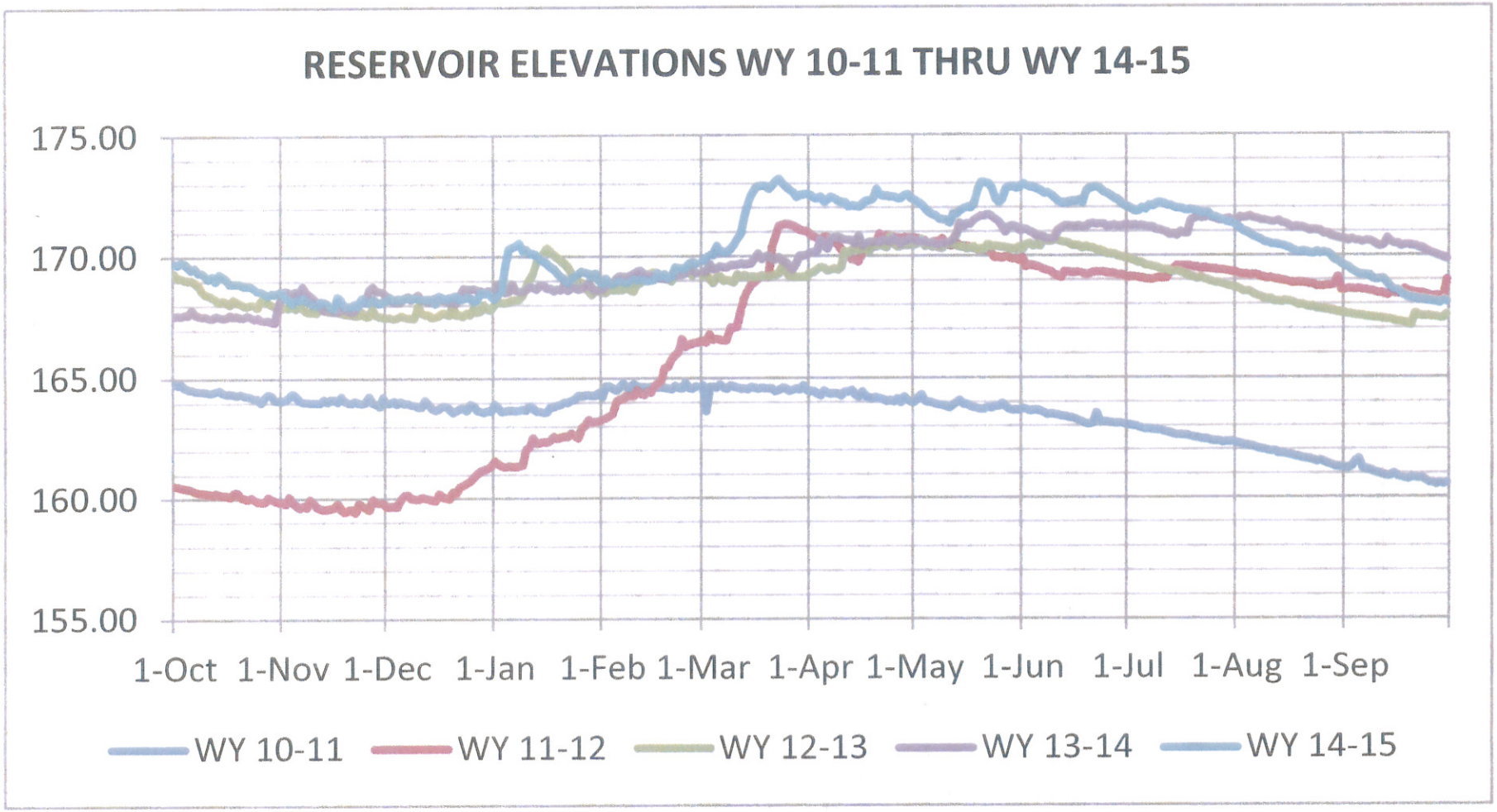


WATER YEAR 14-15



WATER YEAR 14-15




RESERVOIR ELEVATIONS WY 10-11 THRU WY 14-15
175.00
170.00
165.00
160.00
155.00
1-Oct
1-Nov
1-Dec
1-Jan
1-Feb
1-Mar
1-Apr
1-May
1-Jun
1-Jul
1-Aug
1-Sep
WY 10-11
WY 11-12
WY 12-13
WY 13-14
WY 14-15

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.srala-toledo.com**
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**