

Data Availability at Streamflow Gaging Stations of the U.S. Geological Survey

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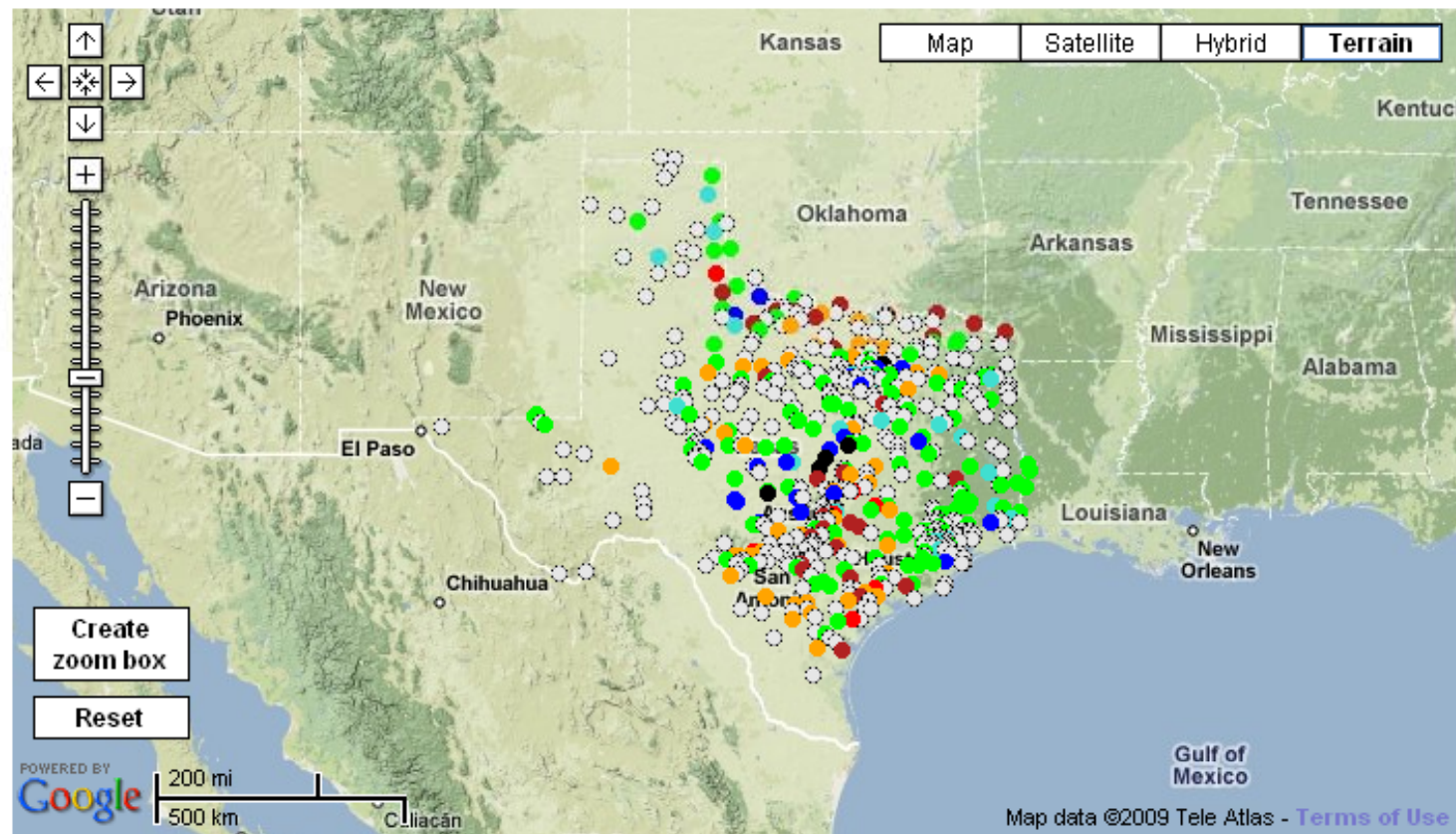
USGS Data Collection Network

1. Network of gages used to determine and document environmental conditions throughout the U.S.
2. Streamflow gages – provide volumetric flow rates
3. Water-quality data – collect and report combination of “continuous” monitoring data as well as laboratory results of discrete samples.
4. Ancillary data – for variety of special needs other data are collected on less routine basis. Information includes biological data, bathymetric data, velocity profiles, surface-water / ground-water interaction, etc.



Texas Streamflow Gaging Network

WaterWatch -- *Current water resources conditions*

Map of real-time streamflow compared to historical streamflow for the day of the year (United States)




USGS – Texas Home Page (http://tx.usgs.gov)



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Texas Water Science Center

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DATA CENTER

- Real-time data (☞)
 - Streamflow:
 - text (☞) | map (☞)
 - Groundwater (☞)
 - Water quality (☞)
 - Precipitation (☞)
 - Lake / Reservoir (☞)
 - Sites Related to Specialized Coastal Issues (☞)
- Historical data (☞)
 - Streamflow (☞)
 - Groundwater (☞)
 - Water quality (☞)
 - Annual Data Reports (☞)
 - Instantaneous Data Archive (IDA) (☞)

Water Resources of Texas

Welcome to the U.S. Geological Survey (USGS) Web site for the water resources of Texas. Here you'll find information on Texas lakes, rivers, and streams. The USGS operates the most extensive satellite network of stream-gaging stations in the State, many of which form the backbone of flood-warning systems.

The USGS provides current ("real-time") stream stage and [streamflow](#), [water quality](#), and [groundwater levels](#) for more than 650 sites in Texas.

[USGS Texas Online Publications](#)

Current Projects in Texas

[Geologic Framework and Hydrogeologic Characteristics of the](#)

USGS Texas News

[New Findings on PAHs & Urban Lake Contamination in Central & Eastern US \(press release\)](#)

Scheduled Seminar Series

Please join us for these technical talks/WebEx sessions scheduled in the coming months.

No Seminars are scheduled at this time.

[Map and directions](#) to the Texas Water Science Center

▶ [View all seminars](#)

USGS Texas Job Listings

A number of new employment opportunities with the Texas Water Science Center are currently available.

Quick Link to Real-Time Data

Enter a USGS site number:
 Go

View site list: [SW](#) | [GW](#) | [QW](#)


Spotlight on Texas Projects

The Texas Water Science Center conducts hydrologic projects that address a wide variety of water-resources issues, including water supply, groundwater contamination, nutrient loading in streams, effects of land use on water quality, and basic hydrologic data collection.

▶ [All Texas Projects](#)

Featured Project:

[Evaluation of Ashe Juniper removal on water-quality and water-quality, Honey Creek State National Area](#)



The U.S. Geological Survey (USGS), in cooperation with the U.S. Department of Agriculture, Natural Resources Conservation Service, and in partnership with several state and local agencies, began a study in 1999 to evaluate the effects of ashe juniper (*Juniperus ashei*) control (removal) as a best-

USGS – Texas Gage Listing



USGS
science for a changing world

National Water Information System: Web Interface

USGS Water Resources (USGS Access) Data Category: Real-time

News: [Recent changes](#)

Real-Time Data for Texas_ Streamflow -- 494 site(s) found

PROVISIONAL DATA SUBJECT TO REVISION

--- Predefined displays --- Group table by Select sites by number or name

Texas Streamflow Table Major River Basin go


[Customize table to display other real-time parameters](#)

Station Number	Station name	Date/Time	Gage height, feet	Dis-charge, ft ³ /s	Long-term median flow 4/27
● Undefined					
07336820	Red River near De Kalb, TX	04/27 16:00	9.60	2,300	12,300
● Arkansas River Basin					
07227420	Cramer Ck at US Hwy 54 nr Dalhart, TX	04/27 16:30	2.90	--	---
07227460	E Fk Cheyenne Ck Trib nr Channing, TX	04/27 16:30	2.63	--	---
07227500	Canadian Rv nr Amarillo, TX	04/27 16:15	1.53	24	14.0
07228000	Canadian Rv nr Canadian, TX	04/27 16:45	2.46	115	50.0
07233500	Palo Duro Ck nr Spearman, TX	04/27 16:15	2.06	0.00	.20
07235000	Wolf Ck at Lipscomb, TX	04/27 16:45	3.93	5.8	4.10
● Red River Basin					
07295500	Tierra Blanca Ck abv Buffalo Lk nr Umbarger, TX	04/27 16:30	-0.11	0.00	.60
07297910	Pr Dog Twn Fk Red Rv nr Wayside, TX	04/27 15:45	5.59	10	2.40
07298500	Pr Dog Twn Fk Red Rv nr Brice, TX	04/27 16:45	Eqp	Eqp	.000
07299540	Pr Dog Twn Fk Red Rv nr Childress, TX	04/27 16:45	7.33	0.00	12.0
07299670	Groesbeck Ck at SH 6 nr Quanah, TX	04/27 16:00	2.80	14	8.60

USGS Streamflow Stations - BBEST

River Basin	USGS Stream Gage Name	USGS Number		POR-Daily Q	QW Data Avail
Sabine	Big Sandy Creek n. Big Sandy	8019500		1939	1961
Sabine	Sabine River n. Gladewater	8020000		1932	1968
Sabine	Sabine River n. Beckville	8022040		1938	1978
Sabine	Sabine River n. Bon Weir	8028500		1923	1969
Sabine	Big Cow Creek n. Newton	8029500		1952	n/a
Sabine	Sabine River n. Ruliff	8030500		1924	1967
Neches	Neches River n. Neches	8032000		1939	1973
Neches	Neches River n. Rockland	8033500		1903	1967
Neches	Angelina River n. Alto	8036500		1940	1961
Neches	Attoyac Bayou n. Chireno	8038000		1924	1962
Neches	Neches River at Evadale	8041000		1904	1959
Neches	Village Creek n. Kountze	8041500		1924	1962

What Data Are Available On-Line?



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National Water Information System: Web Interface

[USGS Water Resources](#) (USGS Access)


News: [Recent changes](#)

USGS 08030500 Sabine Rv nr Ruliff, TX



PROVISIONAL DATA SUBJECT TO REVISION

Available data for this site: Time-series: Real-time data

Funding for this site is provided by the cooperators / programs below:



National Streamflow Information Program (NSIP)



Advanced Hydrologic Prediction Service

This station managed by the Houston Field Unit.

Available Parameters	Output format	Days	
<input type="checkbox"/> All 5 Available Parameters for this site	<input checked="" type="radio"/> Graph	<input type="text" value="7"/>	<input type="button" value="GO"/>
<input checked="" type="checkbox"/> 00060 Discharge	<input type="radio"/> Graph w/ stats	(1-60)	
<input type="checkbox"/> 70969 DCP battery voltage	<input type="radio"/> Graph w/o stats		
<input checked="" type="checkbox"/> 00065 Gage height	<input type="radio"/> Table		
<input type="checkbox"/> 00035 Wind speed	<input type="radio"/> Tab-separated		
<input type="checkbox"/> 00036 Wind direction			

[Summary of all available data for this site](#)



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National Water Information System: Web Interface

USGS Water Resources (USGS Access)

Data Category: Site Information
Geographic Area: Texas

News: [Recent changes](#)

USGS 08030500 Sabine Rv nr Ruliff, TX

Available data for this site:

Stream Site

DESCRIPTION:

Latitude 30°18'13", Longitude 93°44'37" NAD27
 Newton County, Texas, Hydrologic Unit 12010005
 Drainage area: 9,329 square miles
 Contributing drainage area: 9,329 square miles,
 Datum of gage: -5.92 feet above sea level NGVD29.

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Real-time	-- Previous 60 days --		
Daily Data			
Temperature, water, degrees Celsius	1995-10-01	1999-04-06	3162
Discharge, cubic feet per second	1924-10-01	2009-04-26	30889
Gage height, feet	1998-10-01	2009-04-26	3789
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	1995-10-12	1999-04-06	3109
Daily Statistics			
Temperature, water, degrees Celsius	1995-10-02	1999-04-06	1053
Discharge, cubic feet per second	1924-10-01	2009-02-05	30809

	1998-10-01	2009-04-26	3789
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	1995-10-12	1999-04-06	3109
Temperature, water, degrees Celsius	1995-10-02	1999-04-06	1053
Discharge, cubic feet per second	1924-10-01	2009-02-05	30809
Gage height, feet	1998-10-01	2009-02-05	3709
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	1995-10-13	1999-04-06	1090

Monthly Statistics

Temperature, water, degrees Celsius	1995-10	1999-04	
Discharge, cubic feet per second	1924-10	2009-02	
Gage height, feet	1998-10	2009-02	
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	1995-10	1999-04	

Annual Statistics

Temperature, water, degrees Celsius	1996	1999	
Discharge, cubic feet per second	1925	2009	
Gage height, feet	1999	2009	
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	1996	1999	

Peak streamflow

	1884-05-00	2008-04-11	98
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Field measurements

	1924-12-12	2009-03-20	686
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Field/Lab water-quality samples

	1967-10-01	2000-10-11	655
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Additional Data Sources

	Begin Date	End Date	Count
Instantaneous-Data Archive **offsite**	1989-05-01	2007-09-30	435761
Annual Water-Data Report (pdf) **offsite**	2005	2008	4

OPERATION:

Record for this site is maintained by the USGS Texas Water Science Center





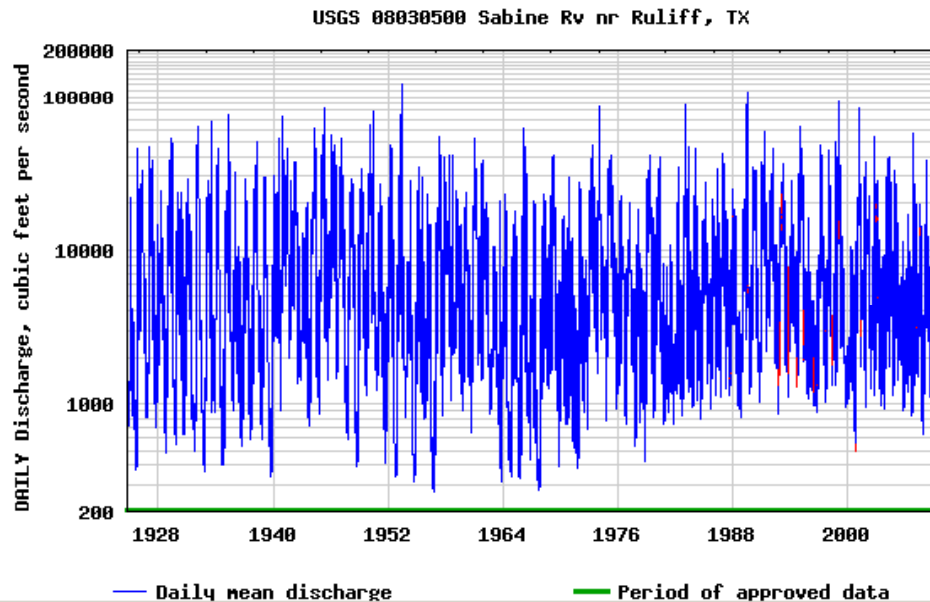
Advanced Hydrologic
Prediction Service

This station managed by the Houston Field Unit.

Available Parameters	Period of Record	Output format	Begin date	End date	GO
<input type="checkbox"/> All 4 Available Parameters for this site		<input checked="" type="radio"/> Graph	1924-10-01		
<input checked="" type="checkbox"/> 00060 Discharge (Mean)	1924-10-01 2009-04-26	<input type="radio"/> Graph w/ stats		2009-04-26	
<input type="checkbox"/> 00065 Gage height (Mean)	1998-10-01 2009-04-26	<input type="radio"/> Graph w/ meas			
<input type="checkbox"/> 00010 Temperature, water (Max.,Min.,Mean)	1995-10-01 1999-04-06	<input type="radio"/> Table			
<input type="checkbox"/> 00095 Specific cond at 25C (Max.,Min.,Mean)	1995-10-12 1999-04-06	<input type="radio"/> Tab-separated			

[Summary of all available data for this site](#)

Discharge, cubic feet per second



News: [Recent changes](#)

Water Quality Samples for Texas

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use.

To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes.

Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 08030500 Sabine Rv nr Ruliff, TX

Available data for this site

Water-Quality: Field/Lab samples

GO

Newton County, Texas
Hydrologic Unit Code 12010005
Latitude 30°18'13", Longitude 93°44'37" NAD27
Drainage area 9,329 square miles
Contributing drainage area 9,329 square miles
Gage datum -5.92 feet above sea level NGVD29

Output formats

[Parameter Group Period of Record table](#)

[Inventory of available water-quality data for printing](#)

[Inventory of water-quality data with retrieval](#)

[Tab-separated data, one result per row](#)

[Tab-separated data one sample per row with remark codes combined with values](#)

[Tab-separated data one sample per row with tab-delimiter for remark codes](#)

[Reselect output format](#)

Sample Datetime	Sample End Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Sample acctng number (00008)	Temperature, water, deg C (00010)	Exposure time, sample or test, days (00022)	Barometric pressure, mm Hg (00025)	Agency analyzing sample, code (00028)	Dis-charge, ft3/s (00060)	Instantaneous dis-charge, ft3/s (00061)	Gage height, ft (00062)
1967-10-01	1967-10-31	CST	T	WS							292		
1967-11-01		CST	T	WS							339		
1967-11-02	1967-11-05	CST	T	WS							437		
1967-11-06	1967-11-08	CST	T	WS							247		

Data Availability and Qualification

1. Daily Mean Discharge – readily available and full QA/QC
2. **“Unit Values”** – finer time increment but not as readily available – farther back in time, less QA/QC (IDA)
3. Continuous Water-Quality – daily statistics readily available for those sites where collected
4. Discrete Water-Quality – readily available where collected
5. Biological Data – much more sparse – published as part of special studies
6. **Stream channel parameters** – formats and

Instantaneous Data Archive - IDA

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Home

Since 1889 the United States Geological Survey has collected continuous stage, discharge, and other instantaneous time-series data have been and are typically recorded at intervals ranging from 5 to 60 minutes. These instantaneous data have been published, or made widely available. This web site has been established to make available as much historical instantaneous data as possible. This site currently serves instantaneous discharge (streamflow) data only, work is planned to extend it to other time-series parameters.

As described above, the USGS procedure for processing and publishing time-series data has focused on daily values as our final product. The instantaneous values may not have been corrected and processed through this web site should be viewed as raw, unreviewed, and compared against the published daily values through the use of the instantaneous data available is reasonable and to remove obvious errors carefully prior to use. These data are released on the condition that they are not to be used for legal or regulatory purposes.

For further information, see [About IDA](#).

[IDA Status Map](#) / [IDA Station and UV Data Count](#)

Geographic Area: Texas

Select a Site Number / Name from the pull down menu.

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Geographic Area: Texas

Period of record for site: **08028500 / Sabine Rv nr Bon Wier, TX**

[View](#) data summary report

From	To	Count
1989-05-01	2007-09-30	433,555

Retrieve data from: to: (YYYY-MM-DD)

Tab-delimited data:

Retrieval may take several minutes depending upon the amount of data requested.

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

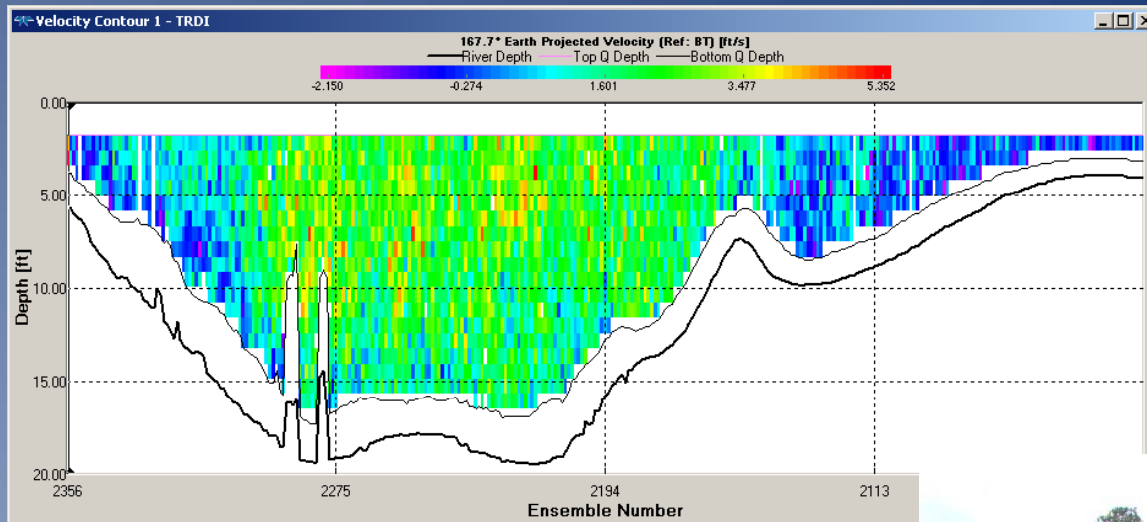
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

URL: http://ida.water.usgs.gov/ida/available_records.cfm

Page Contact Information: [IDA Support Team](#) or GS-W_Help_IDA@usgs.gov

Last Modified: 10/08/2008

Stream Cross-Section from ADCP



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