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## SABINE RIVER AUTHORITY OF TEXAS

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**TO:** INTERESTED PARTIES  
**FROM:** ENVIRONMENTAL SERVICES DIVISION  
**RE:** OCTOBER 2000 WATER QUALITY MONITORING REPORT

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This is the Sabine River Authority Water Quality Summary for October 2000. Water quality sampling was performed October 10th through October 12th. Rainfall was sparse in the Upper Basin with only 2.08" of rain recorded at Lake Tawakoni and 2.28" at Lake Fork. Toledo Bend recorded 3.48" and Orange recorded a total of 5.61" of precipitation in the 30days prior to the October sample run. Recent daytime-high air temperatures were in the 80's and 90's but a cool front four days prior to the sample run reduced daytime temperatures to the 50's and 60's, with lows in the 30's and 40's. The cooler temperatures caused most of the reservoirs to complete Fall seasonal de-stratification and "turn over."

### **UPPER SABINE BASIN ABOVE TOLEDO BEND INCLUDING LAKE FORK AND LAKE TAWAKONI**

For the October sample run, most of the water quality values seen at the Upper Basin sites were consistent with water of high quality. Lake Fork and Tawakoni reservoirs were completely mixed. Shortly after Lake Fork "turns over" or mixes, the water color will be brown and contain tiny suspended particles. Both of these characteristics were observed at Lake Fork. Dissolved oxygen was low at LF4 and LF2, likely a factor of recent lake turnover from the cool front. LF3 and the three sites at Lake Tawakoni were well oxygenated. Percent saturation of oxygen was over 100% at two of the Lake Tawakoni sites (LT23C and LT23D) and three river sites (SR19, SR11, and SR10). Dissolved oxygen was 3.52mg/L at Harris Creek at FM16. Orthophosphate also slightly exceeded screening criteria. This Texas Clean Rivers Program site near the City of Winona receives effluent from two wastewater treatment facilities, one of which has been out of compliance for total suspended solids. The treatment plant superintendent believes a pretreatment plant is needed at a local bakery to reduce slugs of high BOD wastewater from that facility. SRA is communicating with the treatment plant and the TNRCC to resolve the problem. The routine sampling site SR14 also exceeded screening criteria for orthophosphate.

**LOWER SABINE BASIN INCLUDING TOLEDO BEND TO MORGAN BLUFF**

October WQM sampling results were indicative of water of high quality at most sites. Toledo Bend Reservoir levels were still lower than normal because of continuing drought conditions. Deep-water stations sampled on the reservoir exhibited profiles that were thermally stratified. Site TB6N had oxygen levels that were below stream standards. Higher conductivity readings, fecal coliform counts and chloride levels were observed at Station TB6N. TB6N is located downstream from a municipal wastewater treatment plant. Higher conductivity readings and higher nitrate/nitrite, sulfate and chloride levels were observed at Station BA4. Station BA4 is sampled from a bayou that receives discharge from a paper mill.

**TIDAL SECTION OF THE SABINE BASIN BELOW MORGAN BLUFF**

Stations sampled in the tidal portion of the Sabine Basin had values that were consistent with water of high quality at most sites. Stations AB7 and CB4 had oxygen readings that were below stream standards. Salinity was detected at six tidal stations: AB2, CB1, SRT1, SRT2, BB1 and ICW1. The greatest salinity reading of 20 ppt was observed at the deepest depth at Station SRT1. Sampling of tidal stations occurred during a strong incoming tide resulting in a well-mixed water profile.

This Report and additional data for these monitoring stations are available on our World Wide Web site ([www.sra.dst.tx.us](http://www.sra.dst.tx.us)). If you have any questions or comments concerning this report, please contact:

- *Upper Sabine Basin*  
John Payne, Upper Basin Field Office Coordinator  
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409-746-3284 ([darbonne@sra.dst.tx.us](mailto:darbonne@sra.dst.tx.us))
- If above are unavailable  
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# SABINE RIVER AUTHORITY OF TEXAS

## Water Quality Monitoring Program

October 2000

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2000 SRA WQMP Stations, by Reach

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# *Current WQMP Stations*

## *Upper Sabine Basin*

<i>SW</i>	<i>Segment</i>	<i>Station</i>	<i>Location</i>
7.00	0507	10440 (LT23C)	LAKE TAWAKONI NR WIND POINT PARK
7.00	0507	10435 (LT23D)	LAKE TAWAKONI IN KITSEE INLET NEAR WHITE POINT CAUSEWAY
7.00	0507	10434 (LT23A)	LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM
6.12	0512	10461 (LF3)	LAKE FORK RESERVOIR MID-ARM IN CANEY CREEK ARM AT FM 515
6.12	0512	10462 (LF4)	LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515
6.12	0512	10458 (LF2)	LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL
6.10	0515	10469 (LF20)	LAKE FORK CREEK AT US 80
6.04	0506	14500 (HRS16)	HARRIS CREEK AT FM 16
6.02	0514	10467 (BS18)	BIG SANDY CREEK AT US 80
6.00	0506	17065 (SR22)	SABINE RIVER AT FM 17 (SR22)
6.00	0506	10430 (SR21)	SABINE RIVER AT US 69
6.00	0506	10429 (SR19)	SABINE RIVER AT SH 14 S. OF HAWKINS
5.00	0505	10428 (SR17)	SABINE RIVER AT US 271
5.00	0505	10427 (SR16)	SABINE RIVER AT SH 42
5.00	0505	10426 (SR15)	SABINE RIVER AT US 259
5.00	0505	10423 (SR14)	SABINE RIVER AT SH 149
5.00	0505	13628 (SR11)	SABINE RIVER AT US 59
5.00	0505	10415 (SR10)	SABINE RIVER AT FM 2517

**SABINE RIVER AUTHORITY OF TEXAS**

Upper Sabine Basin Report

October 2000

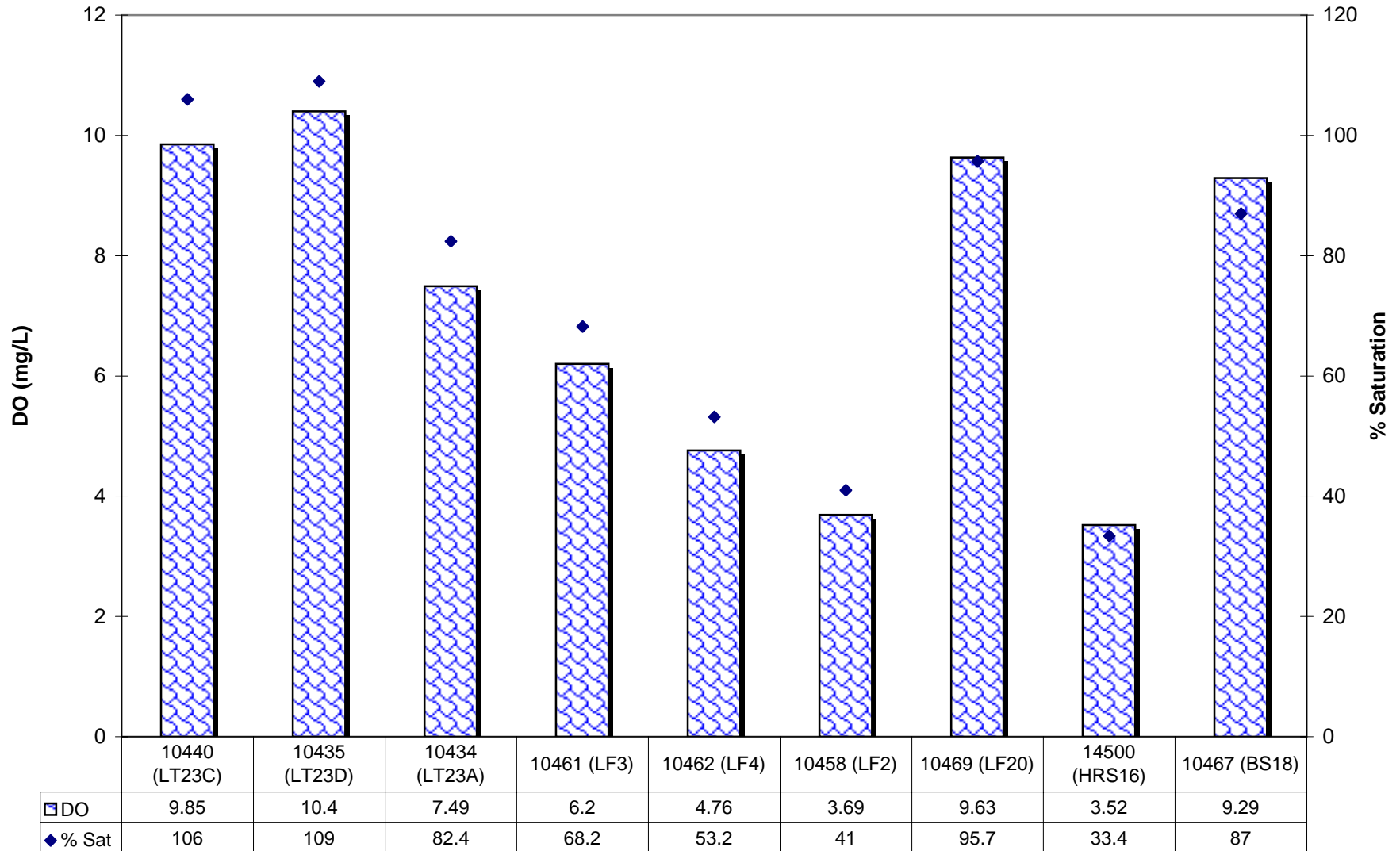
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	Fecal Coliform 31616	Fecal Strep 31673	Chlorophyll a µg/L 32211	Ammonia mg/L 00610	Nitrate & Nitrite 00630	Ortho-Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
10/10/00 11:40 AM	7.00	10440 (LT23C)	19	7.72	9.85	106	198	*	0.56	13.1	< 2	*	*	*	0.22	< 0.02	5	*	*	4.7	7.1
10/10/00 10:55 AM	7.00	10435 (LT23D)	17.8	7.82	10.4	109	194	*	0.61	9.21	< 2	*	*	*	0.06	< 0.02	5.4	*	*	4.8	6.6
10/10/00 10:05 AM	7.00	10434 (LT23A)	20	7.08	7.49	82.4	196	*	1.03	4.68	< 2	*	*	*	0.3	< 0.02	6.8	*	*	4.7	6.9
10/10/00 8:56 AM	6.12	10461 (LF3)	20	6.36	6.2	68.2	158	*	0.9	4.33	2	*	*	*	0.17	< 0.02	6.4	*	*	12.8	12.7
10/10/00 9:13 AM	6.12	10462 (LF4)	20.8	6.5	4.76	53.2	152	*	1.09	3.36	3	*	*	*	0.32	< 0.02	5.7	*	*	11.6	12
10/10/00 8:24 AM	6.12	10458 (LF2)	20.6	6.28	3.69	41	158	*	0.96	3.3	< 2	*	*	*	0.29	< 0.02	6	*	*	12.4	11.9
10/10/00 1:32 PM	6.10	10469 (LF20)	15.1	7.49	9.63	95.7	167	*	0.53	20.6	160	*	*	*	0.17	< 0.02	6.7	*	*	16.2	12.8
10/11/00 7:42 AM	6.04	14500 (HRS16)	12.9	7.38	3.52	33.4	620	*	0.74	11.5	17	*	*	*	0.06	0.11	7.7	*	*	36.8	69.9
10/11/00 8:18 AM	6.02	10467 (BS18)	12.5	7.27	9.29	87	99	*	> 1.23	6.53	148	*	*	*	0.17	< 0.02	1.7	*	*	13.3	6
10/10/00 12:31 PM	6.00	17065 (SR22)	13.2	7.28	9.39	89.6	275	*	0.47	16.3	52	*	*	*	< 0.02	< 0.02	5	*	*	17	21.1
10/10/00 1:02 PM	6.00	10430 (SR21)	13.7	7.39	9.49	91.6	347	*	0.51	17.2	40	*	*	*	< 0.02	< 0.02	5.3	*	*	27.6	41
10/10/00 1:59 PM	6.00	10429 (SR19)	15.7	7.5	10	101	188	*	0.42	26.7	40	*	*	*	0.13	< 0.02	6.2	*	*	17.6	16.8
10/11/00 8:39 AM	5.00	10428 (SR17)	15.1	7.19	9.68	96.1	190	*	0.49	24.7	53	*	*	*	0.04	< 0.02	5.4	*	*	18.6	17.4
10/11/00 9:05 AM	5.00	10427 (SR16)	15.6	6.97	8.8	88.6	224	*	0.48	22.7	10	*	*	*	< 0.02	< 0.02	5.4	*	*	27.3	18.3
10/11/00 9:15 AM	5.00	10426 (SR15)	15.6	7	9.43	94.8	221	*	0.55	20.7	23	*	*	*	< 0.02	< 0.02	5.3	*	*	26.8	18.2
10/11/00 9:47 AM	5.00	10423 (SR14)	15.9	6.98	9.48	95.8	267	*	0.65	17	43	*	*	*	1.79	0.14	5.6	*	*	31.2	25.4
10/11/00 10:40 AM	5.00	13628 (SR11)	15.3	7.6	10.3	103	659	*	0.72	10.6	13	*	*	*	0.69	< 0.02	9.7	*	*	75.3	100
10/11/00 11:17 AM	5.00	10415 (SR10)	15.1	7.9	11	110	583	*	0.59	16.9	40	*	*	*	0.12	< 0.02	8.8	*	*	67.4	78.2

\*: Not sampled on this run

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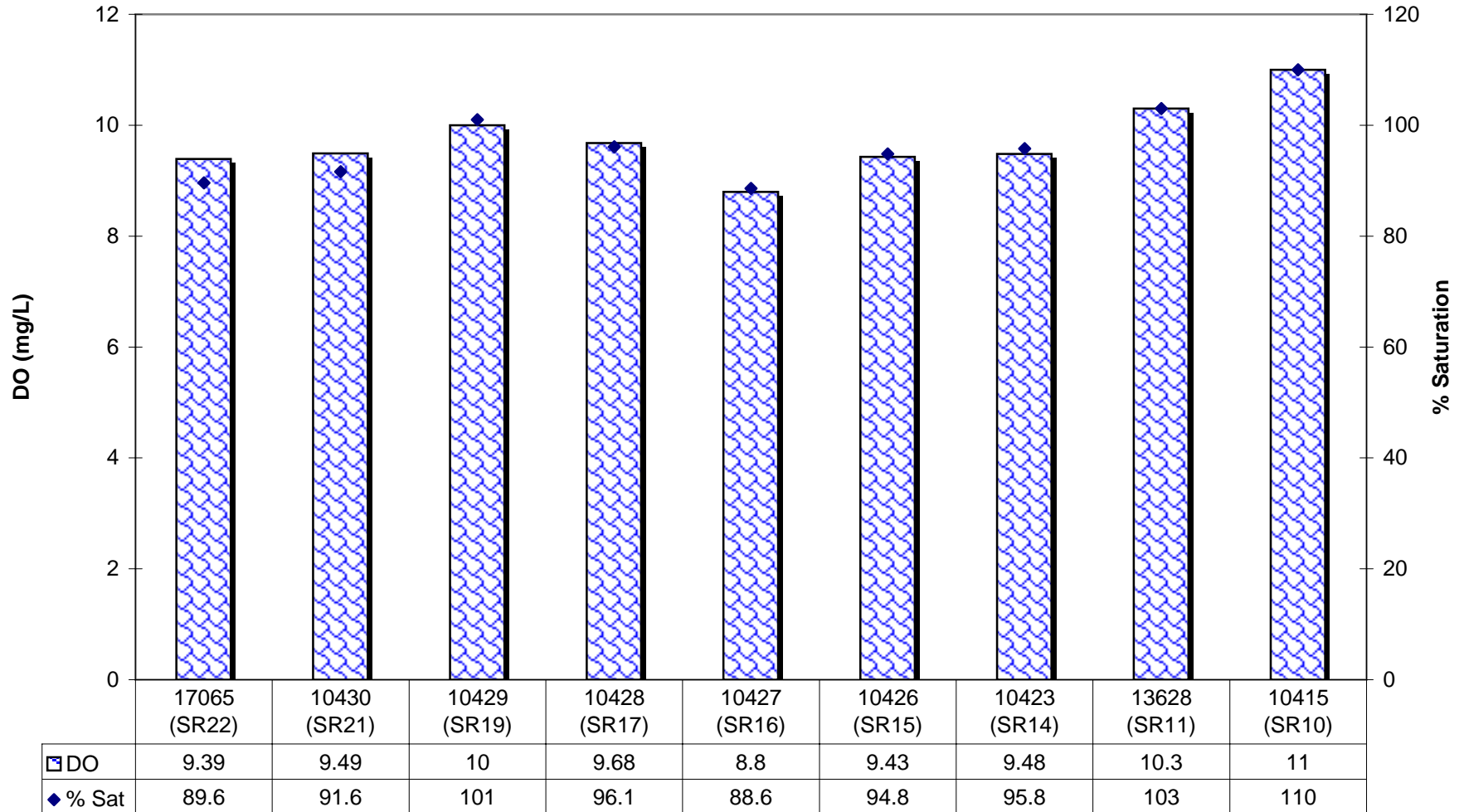
## Upper Sabine Basin DO / % Saturation (1 of 2)



# SABINE RIVER AUTHORITY OF TEXAS

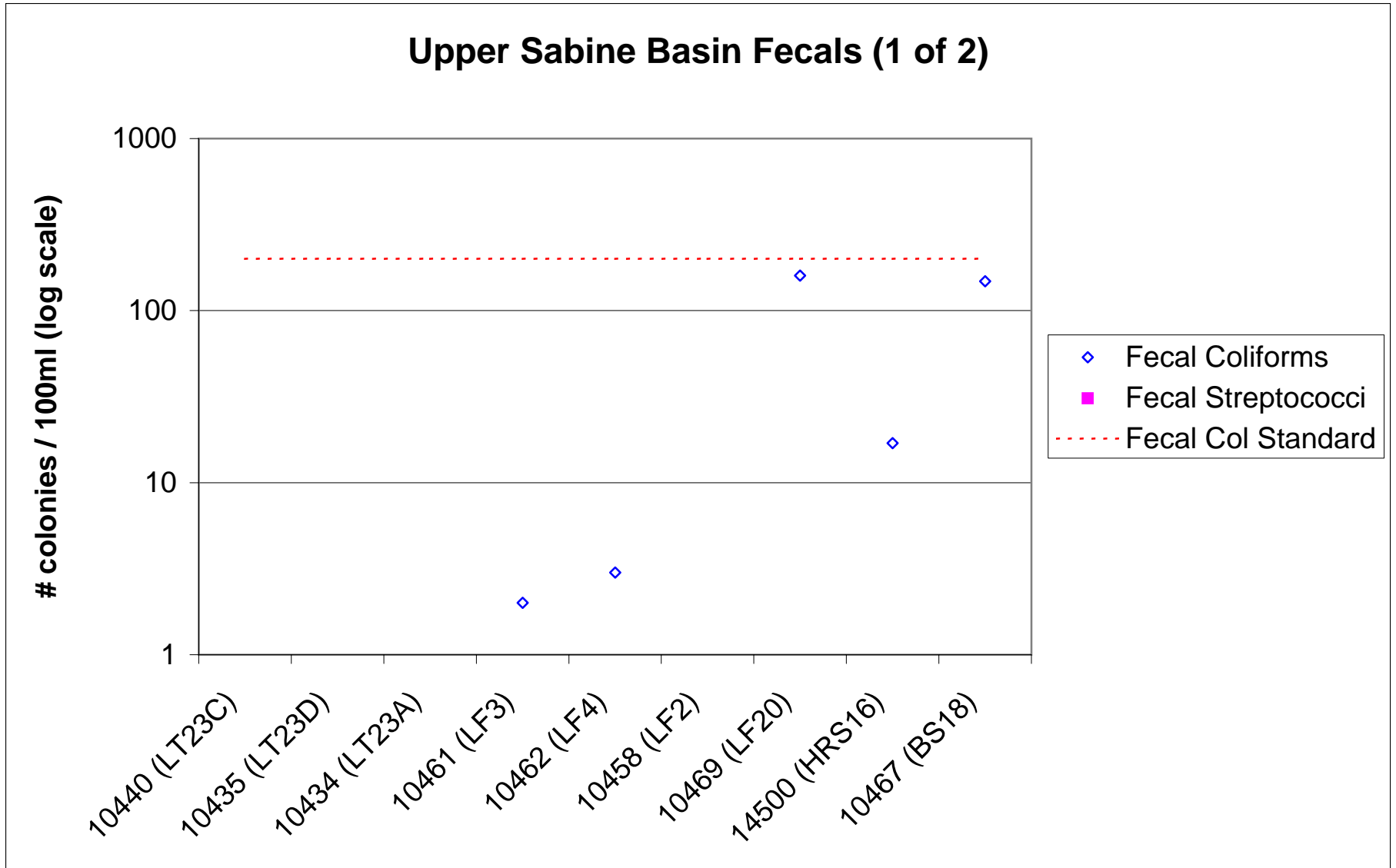
October 2000

## Upper Sabine Basin DO / % Saturation (2 of 2)



# SABINE RIVER AUTHORITY OF TEXAS

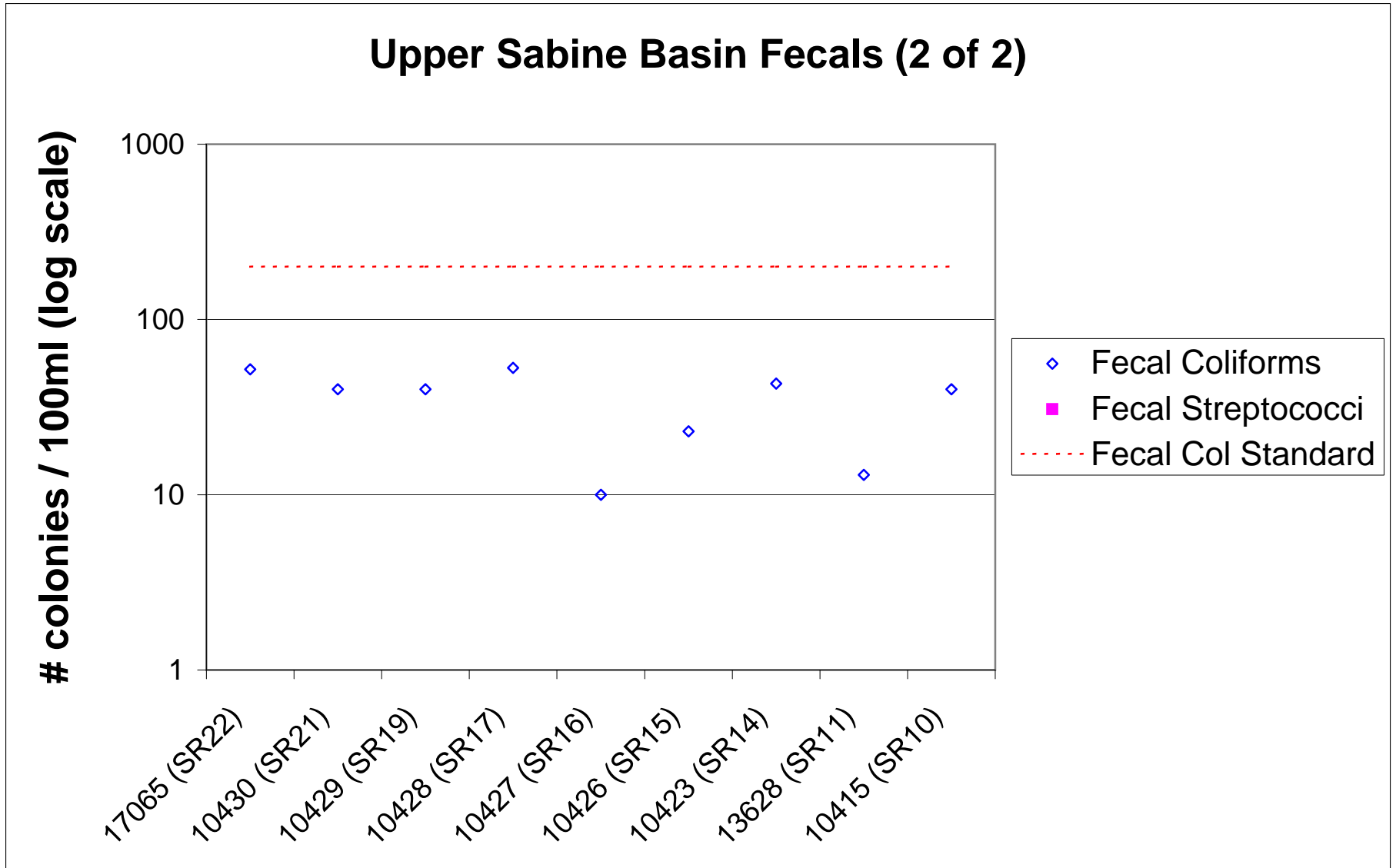
October 2000



Stations without values were below detection limit or not sampled on this run (see page 2).

# SABINE RIVER AUTHORITY OF TEXAS

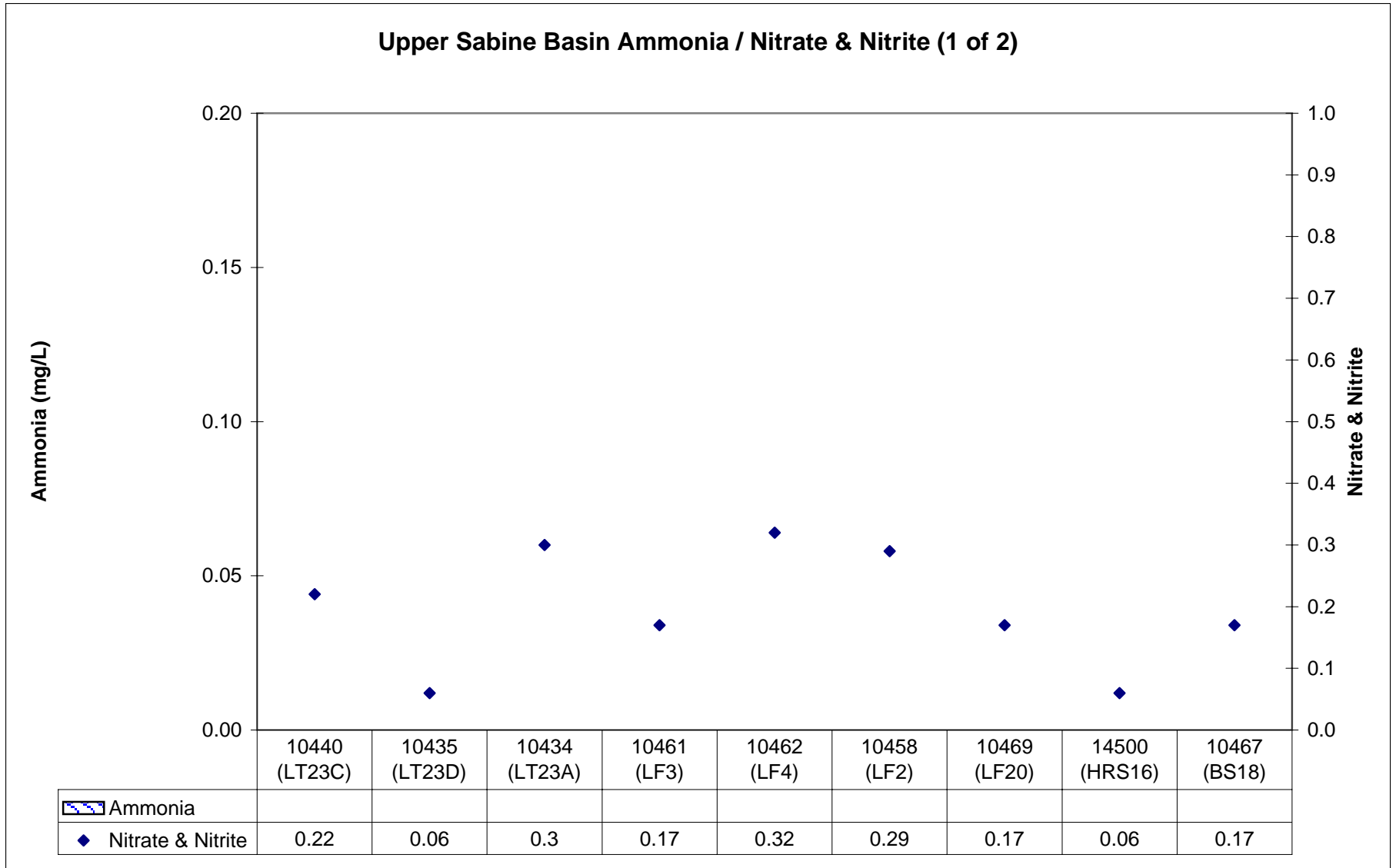
October 2000



Stations without values were below detection limit or not sampled on this run (see page 2).

# SABINE RIVER AUTHORITY OF TEXAS

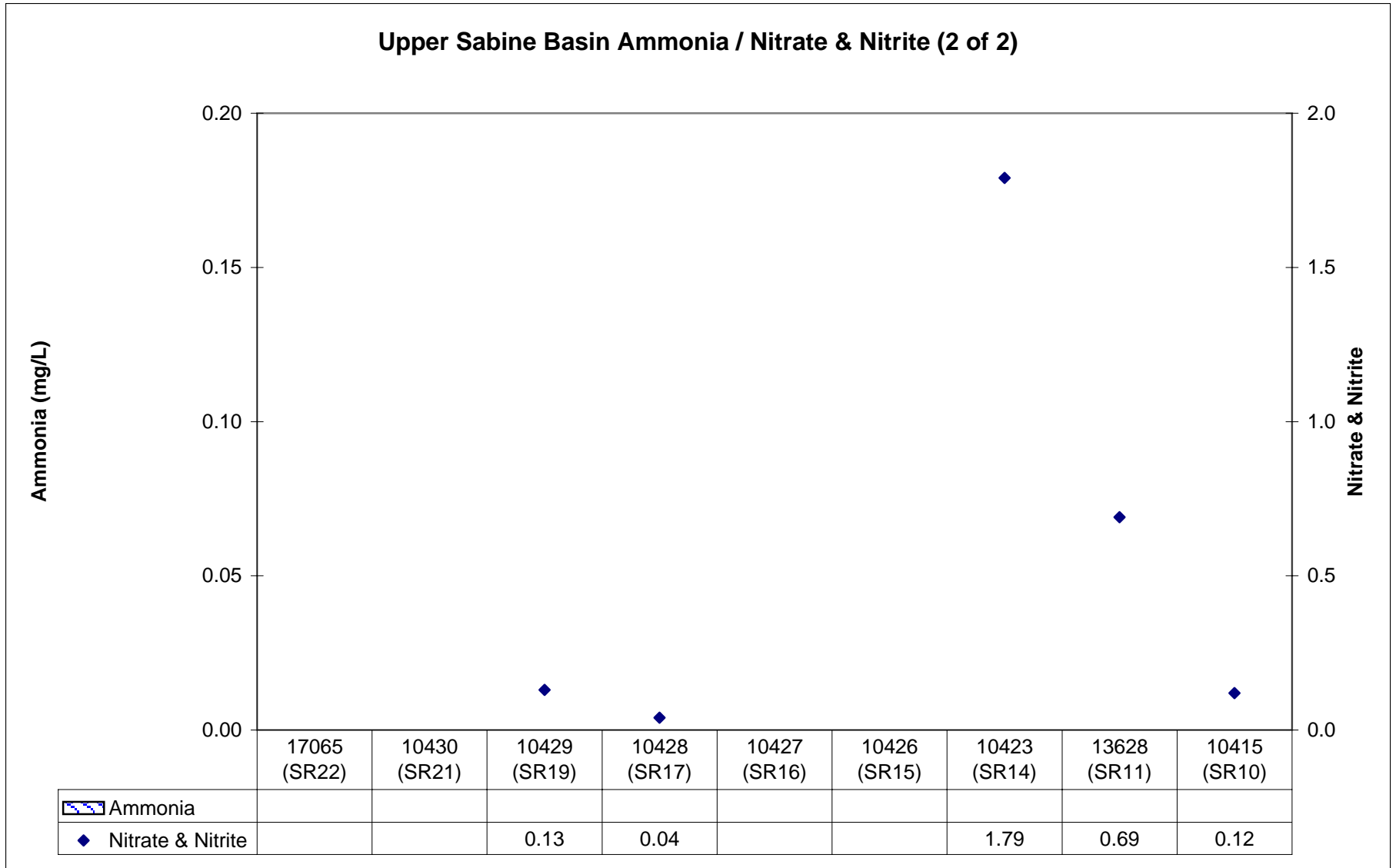
October 2000



Stations without values were not sampled on this run (see page 2).

# SABINE RIVER AUTHORITY OF TEXAS

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Stations without values were below detection limit or not sampled on this run (see page 2).

# SABINE RIVER AUTHORITY OF TEXAS

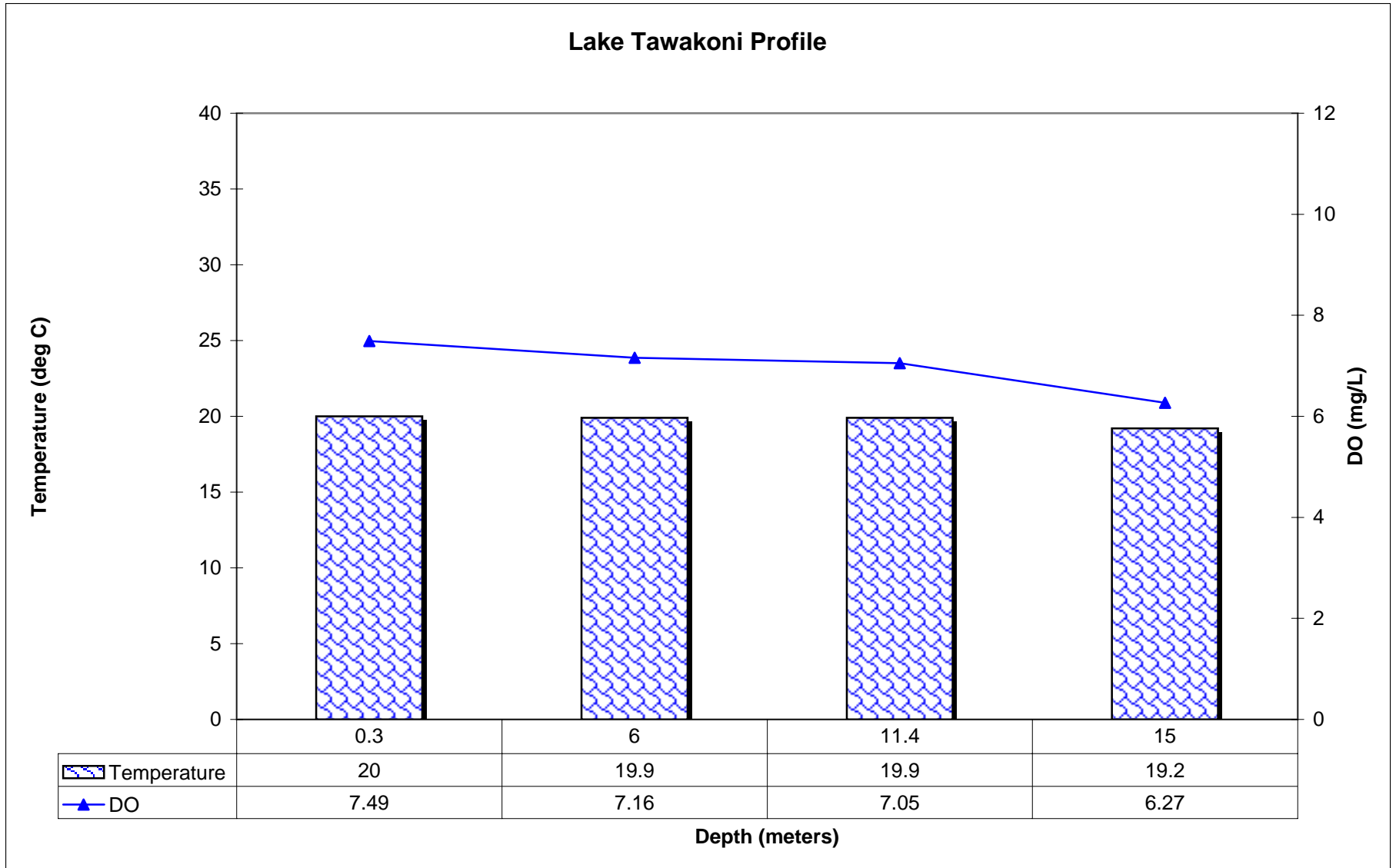
## Upper Basin Profiles

October 2000

Date	SW ID	Station	Depth Meters	Temperature	pH	DO	%	Conductivity
				°C 00010	Units 00400	mg/L 00300	Saturation 00301	µS/cm 00094
10/10/00 11:40 AM	7.00	10440 (LT23C)	0.3	19	7.72	9.85	106	198
			2.01	18.8	7.5	9.26	99.7	198
			3.14	18.4	7.33	8.29	88.3	199
10/10/00 10:55 AM	7.00	10435 (LT23D)	0.3	17.8	7.82	10.4	109	194
			2.26	17.8	7.94	10.3	108	195
			4.08	17.4	7.39	8.86	92.9	196
			5.95	16.9	7.5	8.21	84.8	198
			7.9	16.7	7.19	7.61	78.2	200
10/10/00 10:05 AM	7.00	10434 (LT23A)	0.3	20	7.08	7.49	82.4	196
			6	19.9	6.98	7.16	78.7	196
			11.4	19.9	6.8	7.05	77.4	196
			15	19.2	6.66	6.27	68.3	249
10/10/00 8:56 AM	6.12	10461 (LF3)	0.3	20	6.36	6.2	68.2	158
			2	20	6.32	6.13	67.3	158
			5	19.8	6.29	6.02	66.1	158
			8.8	18.5	6.26	5.87	62.7	159
10/10/00 9:13 AM	6.12	10462 (LF4)	0.3	20.8	6.5	4.76	53.2	152
			2	20.7	6.48	4.71	52.6	152
			6.65	20.7	6.42	4.62	51.7	153
			10.5	20.7	6.39	4.33	48	153
10/10/00 8:24 AM	6.12	10458 (LF2)	0.3	20.6	6.28	3.69	41	158
			4.7	20.6	6.28	3.67	41	158
			10.3	20.6	6.2	3.71	41.2	158
			14.8	20.2	6.19	3.66	40.4	158
			18.7	19.8	5.8	3.78	41.3	161

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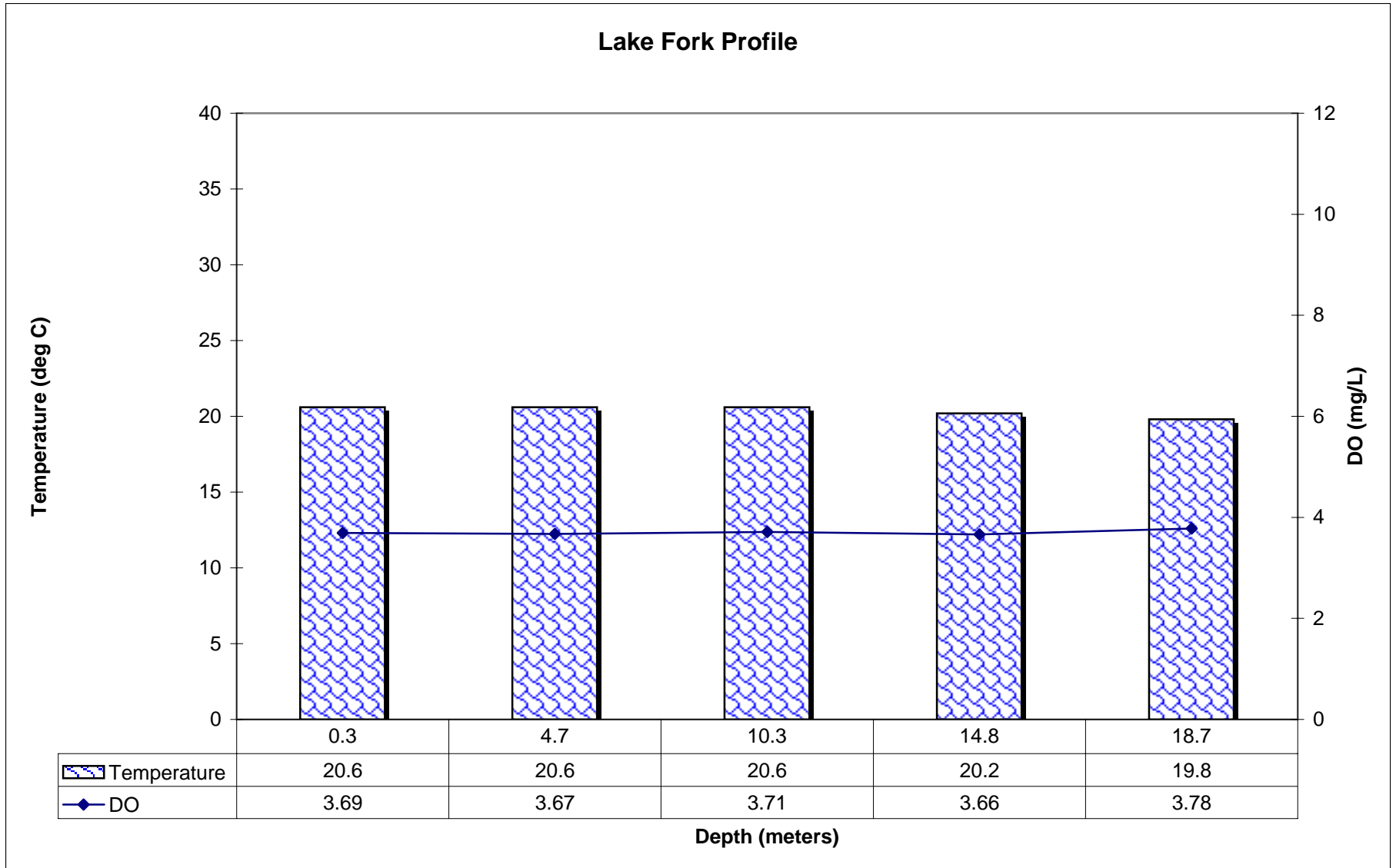
October 2000



For Station 10434 (LT23A): LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM IN THE OLD RIVER CHANNEL

# SABINE RIVER AUTHORITY OF TEXAS

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## Lake Tawakoni Weather and Reservoir Data

October 2000

Date	Lake Elev	LE - TOP	Releases inst	Max Temp	Min Temp	Rainfall	Evap
10/01/2000	435.03	(2.47)	5	88	54	0.00	0.31
10/02/2000	434.99	(2.51)	5	89	52	0.00	0.28
10/03/2000	434.95	(2.55)	5	93	72	0.00	0.34
10/04/2000	434.93	(2.57)	5	93	70	0.00	0.45
10/05/2000	434.90	(2.60)	5	93	69	0.00	0.23
10/06/2000	434.91	(2.59)	5	91	59	0.10	0.24
10/07/2000	434.92	(2.58)	5	62	46	0.52	0.00
10/08/2000	434.82	(2.68)	5	52	44	0.22	0.05
10/09/2000	434.80	(2.70)	5	52	37	0.00	0.17
10/10/2000	434.72	(2.78)	5	60	35	0.00	0.06
10/11/2000	434.67	(2.83)	5	67	43	0.00	0.30
10/12/2000	434.64	(2.86)	5	76	54	0.00	0.18
10/13/2000	434.61	(2.89)	5	84	54	0.00	0.23
10/14/2000	434.58	(2.92)	5	75	54	0.00	0.23
10/15/2000	434.56	(2.94)	5	83	62	0.00	0.19
10/16/2000	434.75	(2.75)	5	87	63	1.98	0.00
10/17/2000	434.78	(2.72)	5	81	58	0.18	0.14
10/18/2000	434.72	(2.78)	5	79	58	0.00	0.13
10/19/2000	434.70	(2.80)	5	81	58	0.00	0.18
10/20/2000	434.66	(2.84)	5	80	58	0.00	0.25
10/21/2000	434.65	(2.85)	5	73	58	0.11	0.06
10/22/2000	434.66	(2.84)	5	68	60	0.30	0.00
10/23/2000	434.64	(2.86)	5	81	65	0.04	0.00
10/24/2000	434.62	(2.88)	5	82	64	0.00	0.02
10/25/2000	434.59	(2.91)	5	83	60	0.00	0.23
10/26/2000	434.57	(2.93)	5	83	62	0.00	0.18
10/27/2000	434.56	(2.94)	5	78	63	0.43	0.00
10/28/2000	434.54	(2.96)	5	80	62	0.02	0.16
10/29/2000	434.52	(2.98)	5	82	62	0.08	0.16
10/30/2000	434.51	(2.99)	5	80	67	0.05	0.03
10/31/2000	434.50	(3.00)	5	83	66	0.00	0.16
<b>Avg or Tot</b>	434.71	(2.79)	5	79	58	4.03	4.96

	Avg	Avg	Avg	Avg	Avg	Tot	Tot
Units	Feet M.S.L.	Feet	cfs	Deg F	Deg F	Inches	Inches
			Instantaneous appx. 8 a.m.				

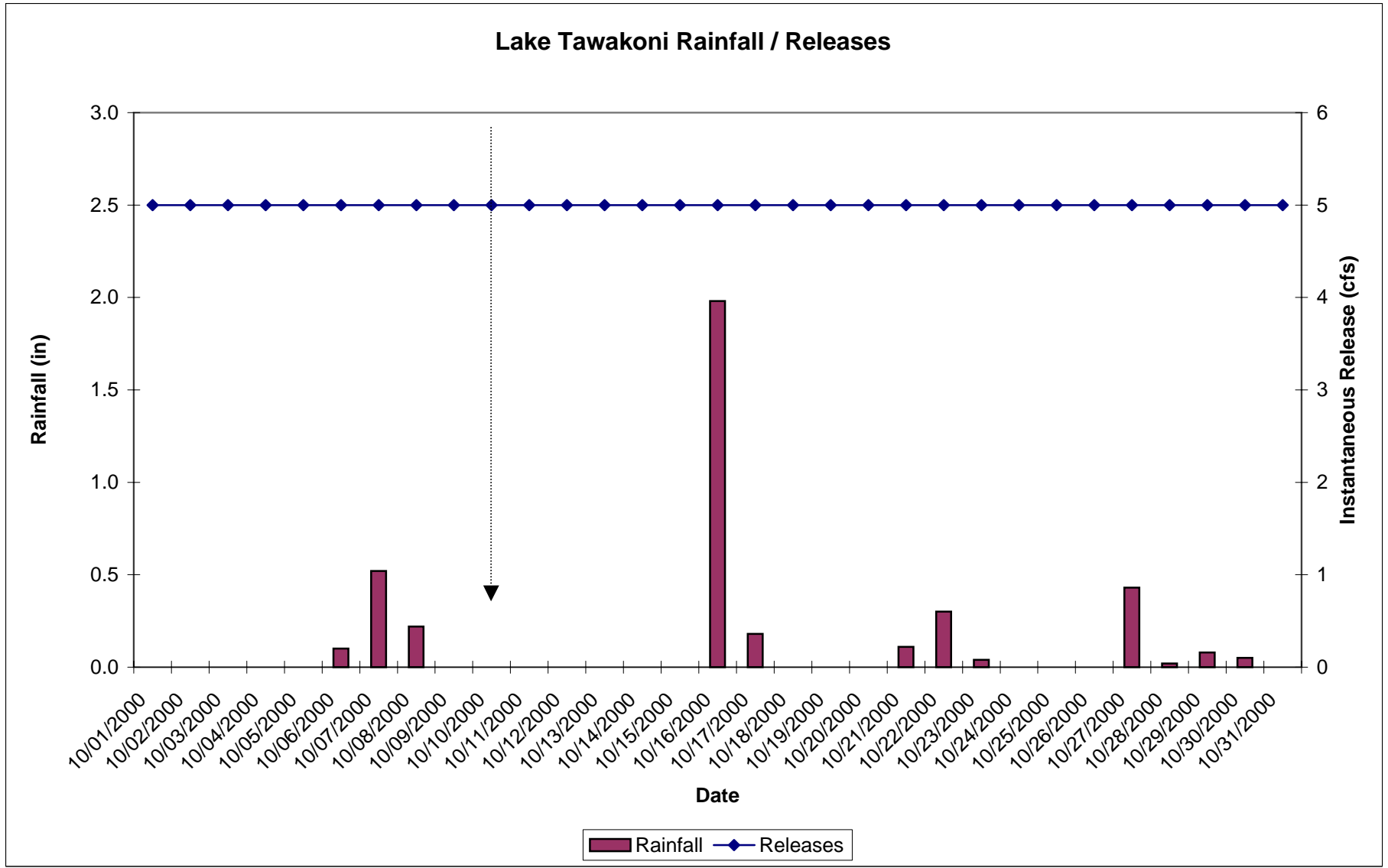
NR: No Reading

TOP: Top of Pool = 437.5 Feet M.S.L.

Lake Tawakoni Sampled on 10/10/2000

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October 2000



Please Note : Lake Tawakoni has an uncontrolled spillway.

# SABINE RIVER AUTHORITY OF TEXAS

## Lake Fork Weather and Reservoir Data

October 2000

Date	Lake Elev	LE - TOP	Releases avg	Releases cur	Max Temp	Min Temp	Rainfall	Evap
10/01/2000	400.94	(2.06)	48	48	86	56	0.00	0.29
10/02/2000	400.94	(2.06)	48	46	88	66	0.00	0.41
10/03/2000	400.89	(2.11)	46	46	92	73	0.00	0.32
10/04/2000	400.89	(2.11)	46	46	90	68	0.00	0.34
10/05/2000	400.89	(2.11)	46	46	92	67	0.00	0.33
10/06/2000	400.89	(2.11)	46	46	89	62	0.70	0.11
10/07/2000	400.89	(2.11)	46	46	62	52	0.40	0.00
10/08/2000	400.84	(2.16)	46	46	52	43	0.02	0.20
10/09/2000	400.79	(2.21)	46	46	53	39	0.00	0.06
10/10/2000	400.79	(2.21)	46	46	59	34	0.00	0.21
10/11/2000	400.74	(2.26)	46	46	67	34	0.00	0.14
10/12/2000	400.74	(2.26)	46	46	75	52	0.00	0.25
10/13/2000	400.74	(2.26)	46	46	82	52	0.00	0.27
10/14/2000	400.66	(2.34)	46	46	83	55	0.00	0.30
10/15/2000	400.74	(2.26)	46	46	82	61	0.00	0.23
10/16/2000	400.79	(2.21)	46	46	86	64	0.92	0.00
10/17/2000	400.79	(2.21)	46	46	79	60	0.36	0.00
10/18/2000	400.79	(2.21)	46	46	78	59	0.00	0.16
10/19/2000	400.79	(2.21)	46	46	80	53	0.00	0.20
10/20/2000	400.79	(2.21)	46	46	79	46	0.00	0.19
10/21/2000	400.74	(2.26)	46	46	72	61	0.05	0.00
10/22/2000	400.74	(2.26)	46	46	69	61	0.18	0.00
10/23/2000	400.74	(2.26)	46	46	80	67	0.02	0.10
10/24/2000	400.74	(2.26)	46	46	81	64	0.00	0.14
10/25/2000	400.68	(2.32)	46	46	83	60	0.00	0.15
10/26/2000	400.74	(2.26)	46	46	81	60	0.00	0.22
10/27/2000	400.69	(2.31)	46	46	81	64	0.04	0.06
10/28/2000	400.69	(2.31)	46	46	77	63	0.00	0.25
10/29/2000	400.64	(2.36)	46	46	81	62	0.10	0.03
10/30/2000	400.64	(2.36)	46	46	78	68	0.06	0.02
10/31/2000	400.64	(2.36)	46	46	83	68	0.00	0.13
<b>Avg or Tot</b>	400.77	(2.23)	46	46	78	58	2.85	5.11

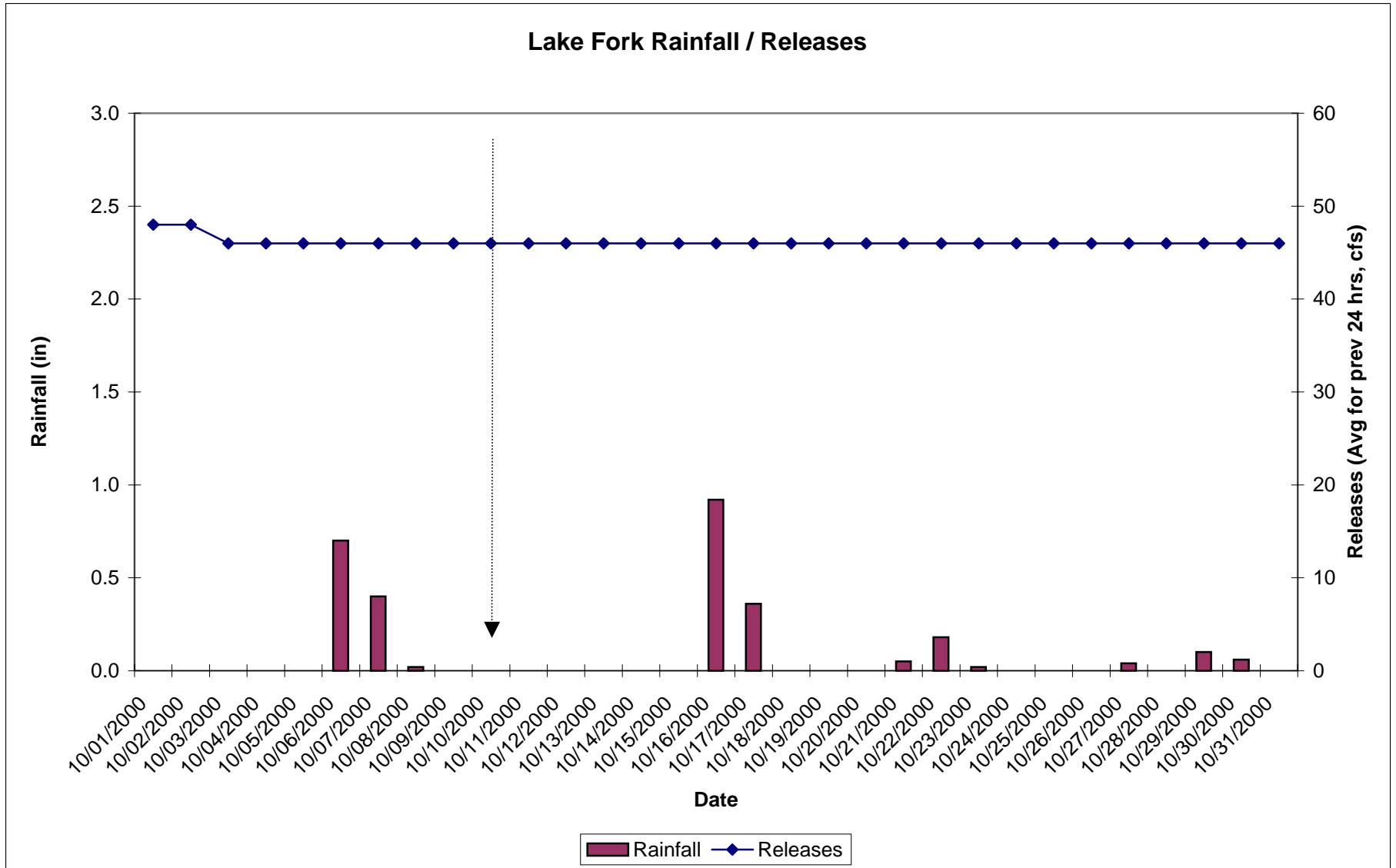
Avg	Avg	Avg	Avg	Avg	Avg	Tot	Tot
Units	Feet M.S.L.	Feet	cfs	cfs	Deg F	Deg F	Inches Inches
		Previous 24 hrs					

TOP: Top of Pool = 403 Feet M.S.L.

Lake Fork Sampled on 10/10/2000

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# *Current WQMP Stations*

## *Lower Sabine Basin*

<i>SW</i>	<i>Segment</i>	<i>Station</i>	<i>Location</i>
4.14	0504	10339 (TNHO1)	TENAHA CREEK AT CO RD S OF CAMPTI
4.10	0504	15658 (TB6N)	BAYOU SCIE AT LA SH 191
4.00	0504	10403 (TB8)	TOLEDO BEND RESERVOIR AT US 84
4.00	0504	15657 (TB6M)	TOLEDO BEND RESERVOIR SAN PATRICIA ARM AT LA SH191
4.00	0504	15656 (TB6L)	TOLEDO BEND RESERVOIR SAN MIGUEL ARM AT LA SH191
4.00	0504	15655 (TB6J)	TOLEDO BEND RESERVOIR PATROON BAYOU ARM AT SH 276
4.00	0504	15659 (TB6K)	TOLEDO BEND RESERVOIR LANANA ARM AT LA SH191
4.00	0504	10402 (TB6H)	TOLEDO BEND RESERVOIR AT SH 21
4.00	0504	10411 (TB6F)	TOLEDO BEND RESERVOIR IN SUNSHINE BAY AT FM 3121
4.00	0504	10407 (TB6CN)	TOLEDO BEND RESERVOIR IN SIX MILE BOAT LANE AT SH 87
4.00	0504	10404 (TB6A)	TOLEDO BEND RESERVOIR NEAR DAM IN RIVER CHANNEL
3.03	0503	10340 (BA4)	ANACOCO BAYOU AT LOUISIANA HWY 111
3.00	0503	10401 (TB6S)	SABINE RIVER BELOW TOLEDO BEND SPILLWAY
3.00	0503	10400 (TB6)	TAIL RACE CHANNEL AT FM 692 TB6
3.00	0503	10399 (SR5)	SABINE RIVER AT SH 63
3.00	0503	10398 (SR3)	SABINE RIVER AT US 190
2.05	0513	10465 (BCC1)	BIG COW CREEK AT FM 1416
2.00	0503	10397 (SR2)	SABINE RIVER AT SH 12

# SABINE RIVER AUTHORITY OF TEXAS

## Lower Basin Report

October 2000

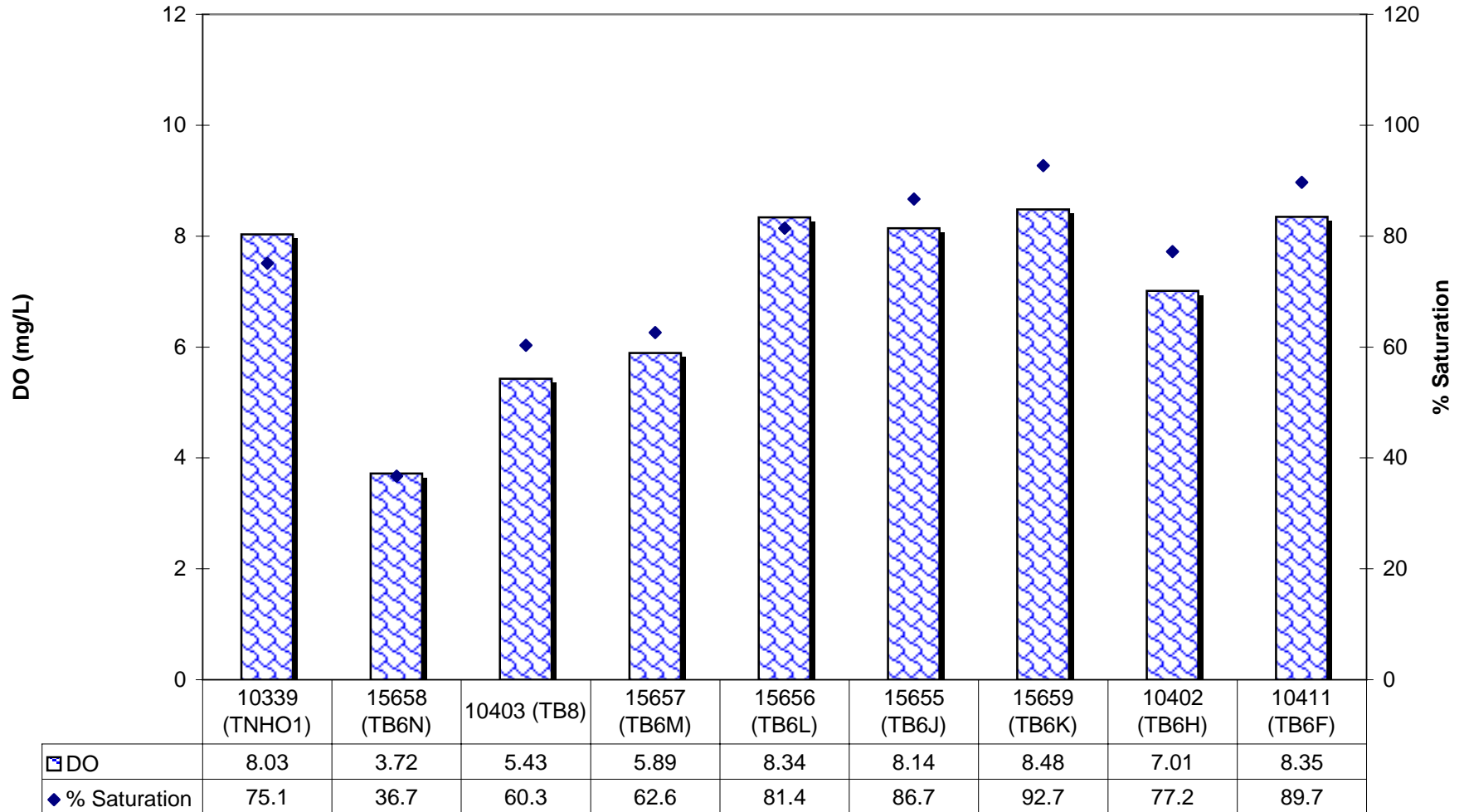
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	Fecal Coliform 31616	Fecal Strep 31673	Chlorophyll a µg/L 32211	Ammonia mg/L 00610	Nitrate & Nitrite 00630	Ortho- Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
10/11/00 12:27 PM	4.14	10339 (TNHO1)	12.3	7.18	8.03	75.1	939	*	0.4	27.7	136	*	*	*	27.6	34.9	7.5	*	*	114	92.7
10/11/00 1:00 PM	4.10	15658 (TB6N)	14.6	7.92	3.72	36.7	1745	*	0.46	18.4	> 240	33	*	< 0.001	0.31	14.5	34.2	*	*	150	13
10/11/00 11:52 AM	4.00	10403 (TB8)	20	7.28	5.43	60.3	618	*	0.46	20.7	62	*	*	*	< 0.02	< 0.02	7.7	*	*	18.8	14.2
10/11/00 1:28 PM	4.00	15657 (TB6M)	17.6	6.9	5.89	62.6	164	*	0.8	12.6	11	*	*	*	0.04	< 0.02	10.3	*	*	20.7	3.8
10/11/00 1:12 PM	4.00	15656 (TB6L)	14.2	7.29	8.34	81.4	187	*	0.32	73.1	44	*	*	0.077	0.18	< 0.02	13.8	*	*	27.8	17.2
10/11/00 10:30 AM	4.00	15655 (TB6J)	18.3	7.63	8.14	86.7	203	*	0.97	6.7	< 2	*	*	0.024	0.03	< 0.02	7.4	*	*	21.9	16.5
10/11/00 12:40 PM	4.00	15659 (TB6K)	19.6	8.01	8.48	92.7	193	*	0.95	5.7	< 2	*	*	0.02	< 0.02	< 0.02	7.3	*	*	21.1	15.6
10/11/00 11:32 AM	4.00	10402 (TB6H)	20	7.41	7.01	77.2	194	*	1.77	2.42	< 2	*	*	0.074	0.07	< 0.02	6.8	*	*	20.9	14.7
10/11/00 10:58 AM	4.00	10411 (TB6F)	18.7	7.75	8.35	89.7	179	*	1.18	4.67	< 2	*	*	0.006	< 0.02	< 0.02	6.4	*	*	18.5	14
10/11/00 9:45 AM	4.00	10407 (TB6CN)	16.9	7.71	8.62	89	156	*	2.39	1.9	2	*	*	< 0.001	< 0.02	< 0.02	5.5	*	*	15.8	12.3
10/11/00 11:21 AM	4.00	10404 (TB6A)	20.9	7.27	7	77.7	158	*	2.6	1.06	< 2	*	*	*	< 0.02	< 0.02	5.5	*	*	15.3	12.4
10/11/00 1:30 PM	3.03	10340 (BA4)	18	7.61	9.64	101	745	*	0.36	13.3	100	23	*	*	0.98	0.26	13.6	*	*	62.5	158
10/11/00 10:30 AM	3.00	10401 (TB6S)	20.9	7.56	8.54	94.7	157	*	> 1.8	1.26	24	*	*	*	< 0.02	< 0.02	5.8	*	*	14.9	12.3
10/11/00 10:58 AM	3.00	10400 (TB6)	21	7.47	7.98	88.9	159	*	> 1.5	1.28	< 2	*	*	*	< 0.02	< 0.02	5	*	*	15.4	12.6
10/11/00 12:56 PM	3.00	10399 (SR5)	18.8	7.37	8.43	90.9	157	*	> 1.4	1.76	4	*	*	*	< 0.02	< 0.02	5.1	*	*	14.6	12
10/11/00 1:56 PM	3.00	10398 (SR3)	18.1	7.45	9.2	97.2	202	*	1.02	5.6	24	*	*	*	0.05	< 0.02	5	*	*	16.7	23
10/11/00 9:17 AM	2.05	10465 (BCC1)	13.9	6.78	9.52	91.9	42	*	> 0.8	9.84	104	*	*	*	0.03	< 0.02	3.1	*	*	4.6	1.1
10/11/00 8:28 AM	2.00	10397 (SR2)	16	7.3	8.69	87.9	182	*	0.65	11.1	35	*	*	*	0.03	< 0.02	4.4	*	*	14.9	18.1

\*: Not sampled on this run

# SABINE RIVER AUTHORITY OF TEXAS

October 2000

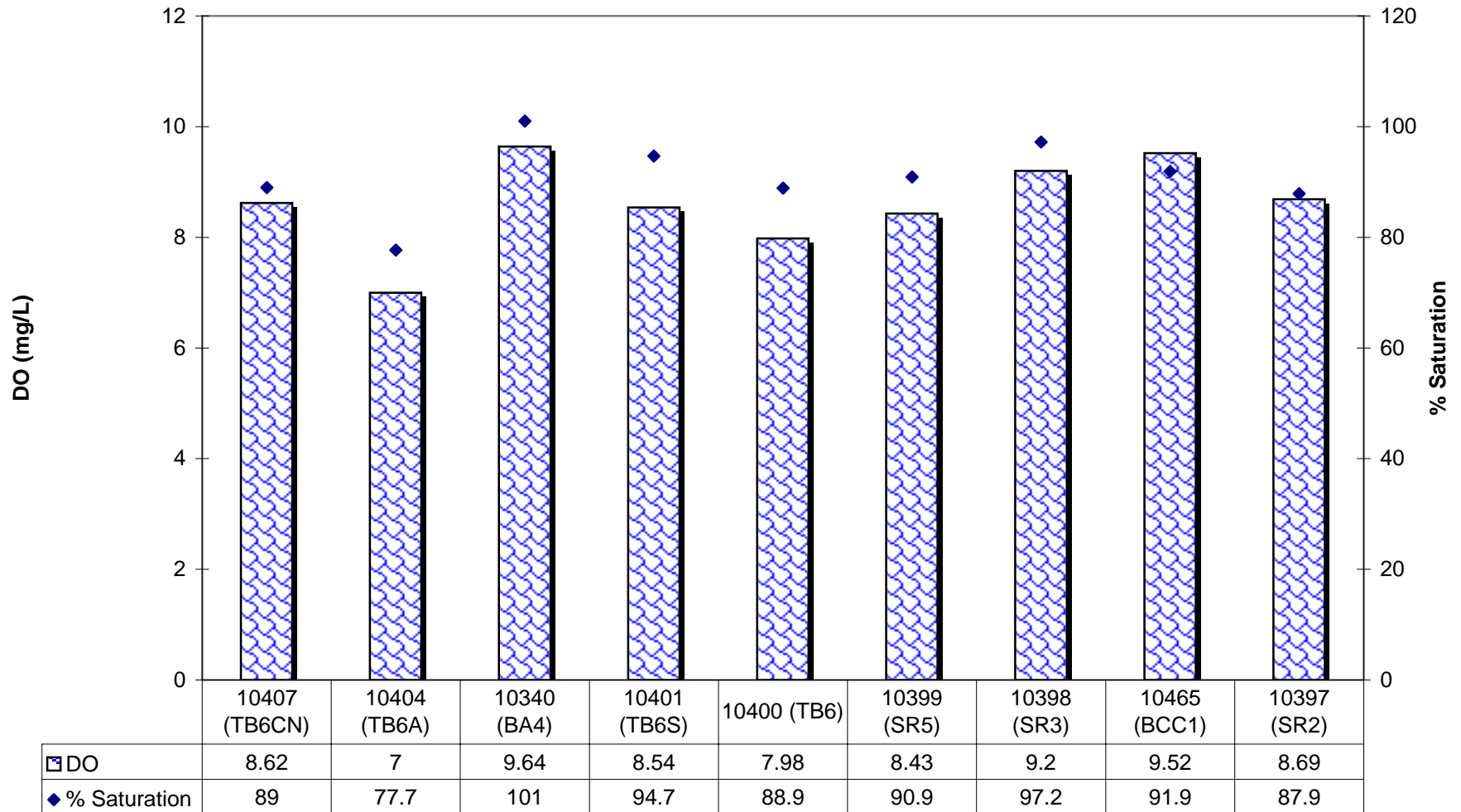
## Lower Sabine Basin DO / % Saturation (1 of 2)



# SABINE RIVER AUTHORITY OF TEXAS

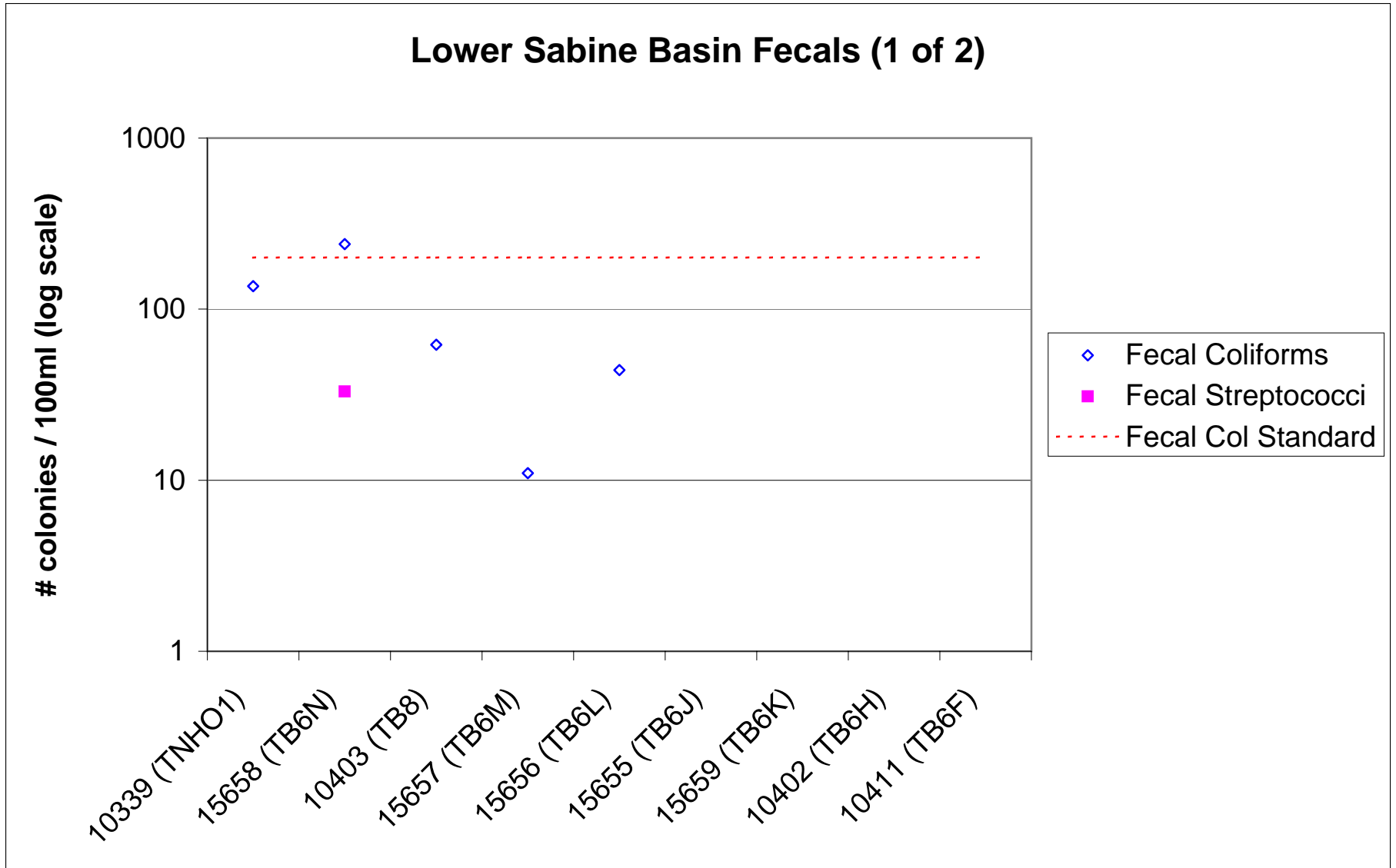
October 2000

Lower Sabine Basin DO / % Saturation (2 of 2)



# SABINE RIVER AUTHORITY OF TEXAS

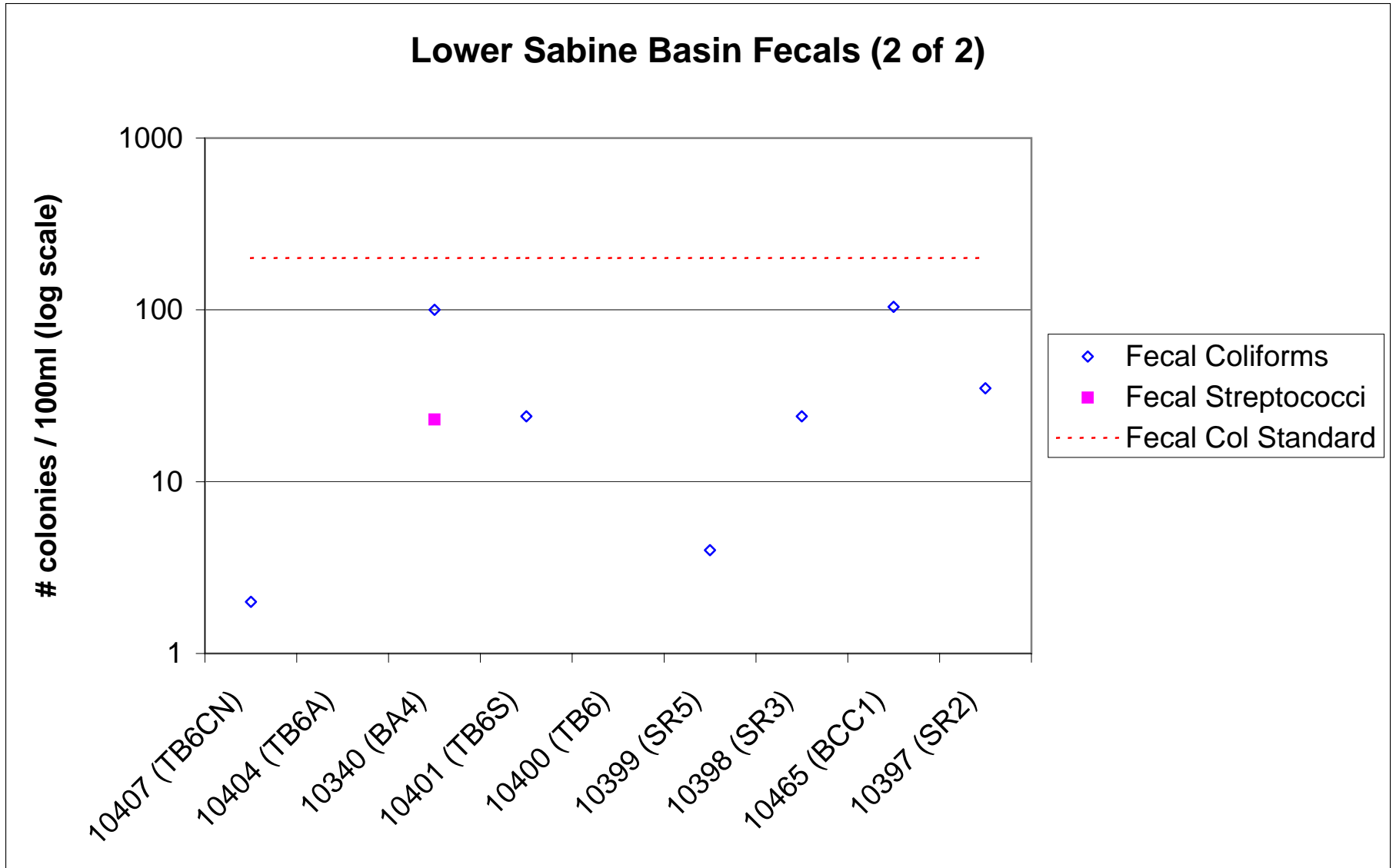
September 2000



Stations without values were below detection limit or not sampled on this run (see page 18).

# SABINE RIVER AUTHORITY OF TEXAS

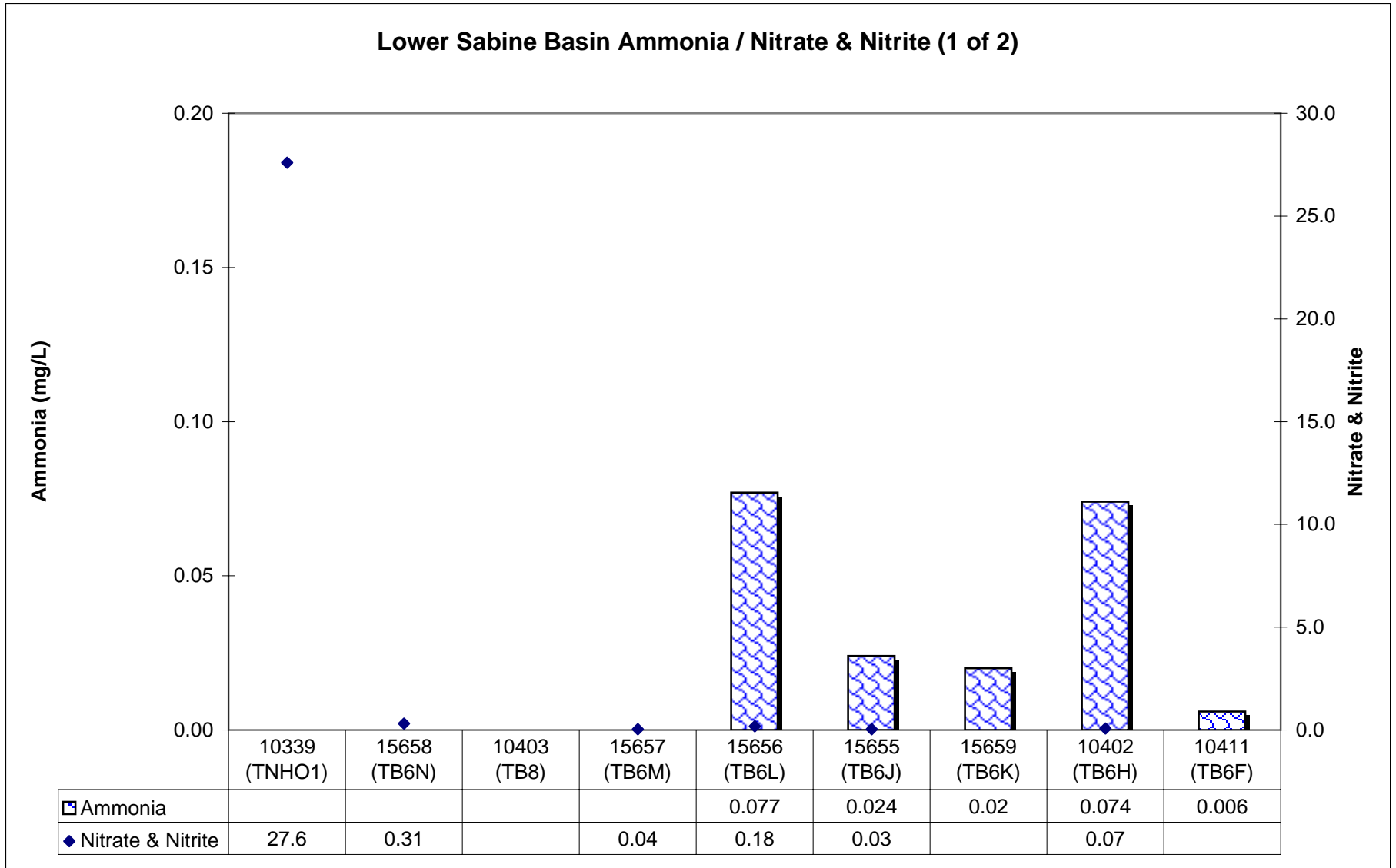
October 2000



Stations without values were below detection limit or not sampled on this run (see page 18).

# SABINE RIVER AUTHORITY OF TEXAS

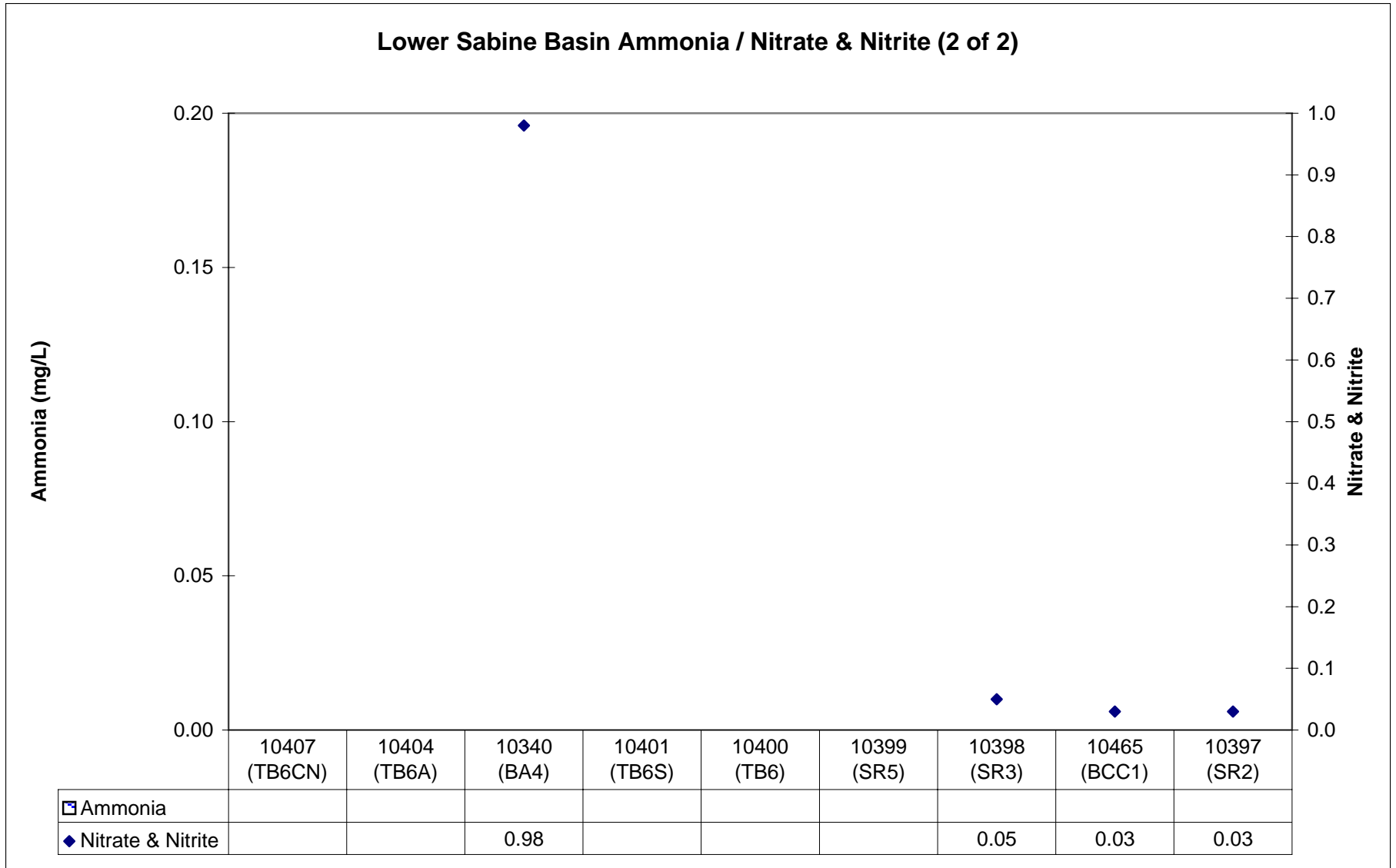
October 2000



Stations without values were below detection limit or not sampled on this run (see page 18).

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



Stations without values were below detection limit or not sampled on this run (see page 18).

# SABINE RIVER AUTHORITY OF TEXAS

## Lower Basin Profiles

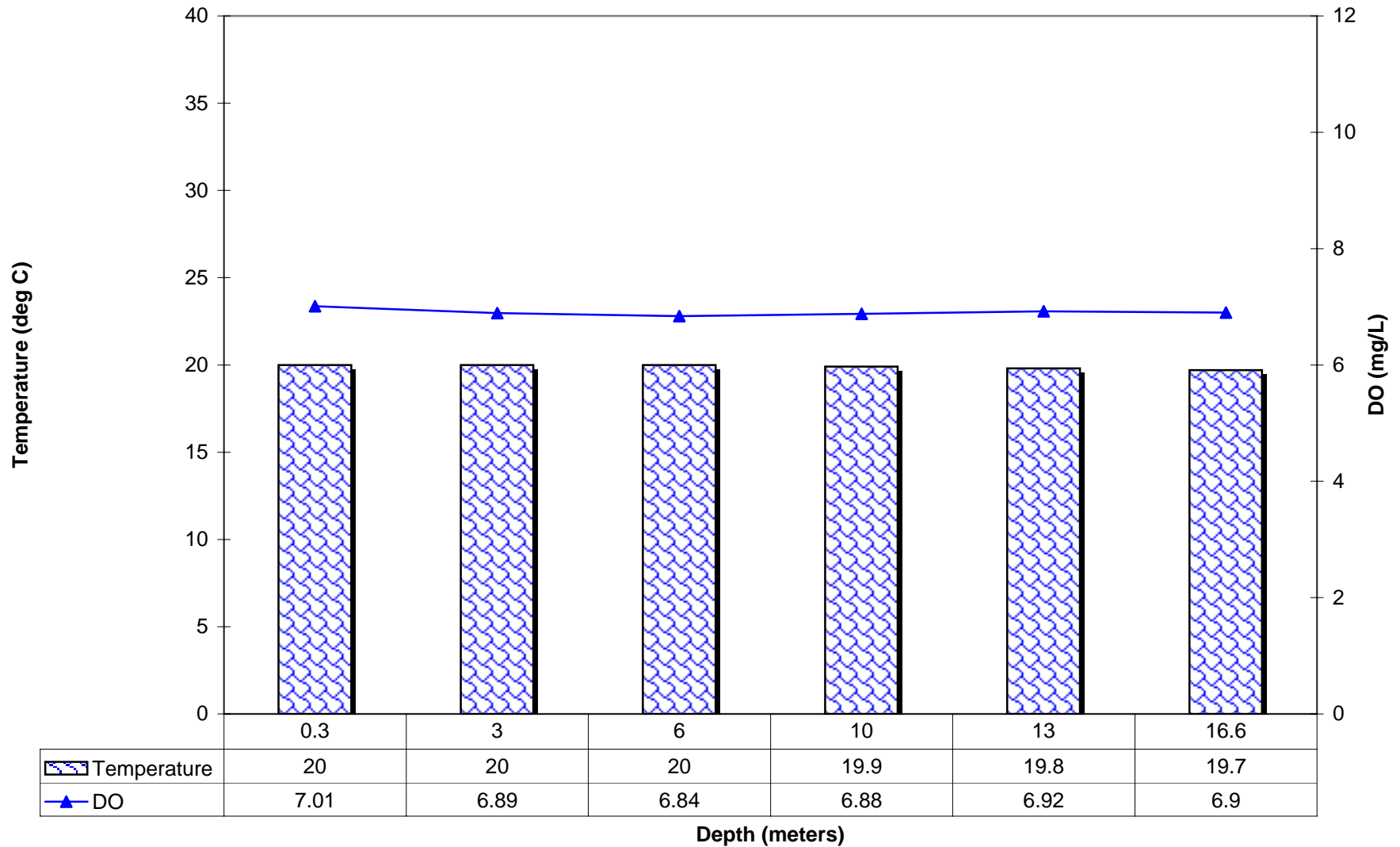
October 2000

Date	SW ID	Station	Depth Meters	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity μS/cm 00094
10/11/00 11:52 AM	4.00	10403 (TB8)	0.3	20	7.28	5.43	60.3	618
			4.84	20	7.24	4.02	44.4	617
			9.76	19.5	7.26	4.1	44.7	618
10/11/00 1:28 PM	4.00	15657 (TB6M)	0.3	17.6	6.9	5.89	62.6	164
			2.8	16.8	6.91	5.2	53.4	164
10/11/00 10:30 AM	4.00	15655 (TB6J)	0.3	18.3	7.63	8.14	86.7	203
			2	18.2	7.38	7.61	80.5	203
			3.8	17.6	7.29	6.72	70.4	204
10/11/00 12:40 PM	4.00	15659 (TB6K)	0.3	19.6	8.01	8.48	92.7	193
			2.5	19.4	7.59	8.01	87.3	197
			5.4	17.6	7.33	6.83	71.5	198
10/11/00 11:32 AM	4.00	10402 (TB6H)	0.3	20	7.41	7.01	77.2	194
			3	20	7.41	6.89	76	195
			6	20	7.41	6.84	75.1	196
			10	19.9	7.44	6.88	75.8	194
			13	19.8	7.46	6.92	75.7	203
			16.6	19.7	7.49	6.9	75.6	210
10/11/00 10:58 AM	4.00	10411 (TB6F)	0.3	18.7	7.75	8.35	89.7	179
			2	18.5	7.66	8.14	86.8	179
			4.3	17.8	7.31	7.03	74	176
10/11/00 9:45 AM	4.00	10407 (TB6CN)	0.3	16.9	7.71	8.62	89	156
			2.5	16.2	7.51	8.44	85.9	154
			5.1	14.3	7.44	8.32	81.4	140
10/11/00 11:21 AM	4.00	10404 (TB6A)	0.3	20.9	7.27	7	77.7	158
			3	20.8	7.25	6.85	76.2	157
			5	20.7	7.25	6.77	75.7	159
			10	20.6	7.26	6.93	77.1	158
			15	22.4	7.26	6.81	75.9	158
			18	19.7	6.95	3.05	21.8	157
			20	18.3	6.66	0.42	4.3	159
28.2	16	6.71	0.68	6.7	168			
10/11/00 10:30 AM	3.00	10401 (TB6S)	0.3	20.9	7.56	8.54	94.7	157
			1.8	20.9	7.56	8.9	99.5	156
10/11/00 1:56 PM	3.00	10398 (SR3)	0.3	18.1	7.45	9.2	97.2	202
			2	17.9	7.5	9.38	98.6	202
10/11/00 8:28 AM	2.00	10397 (SR2)	0.3	16	7.3	8.69	87.9	182
			2	16	7.32	8.75	88.4	183
			4.1	16	7.38	8.82	89	182

# SABINE RIVER AUTHORITY OF TEXAS

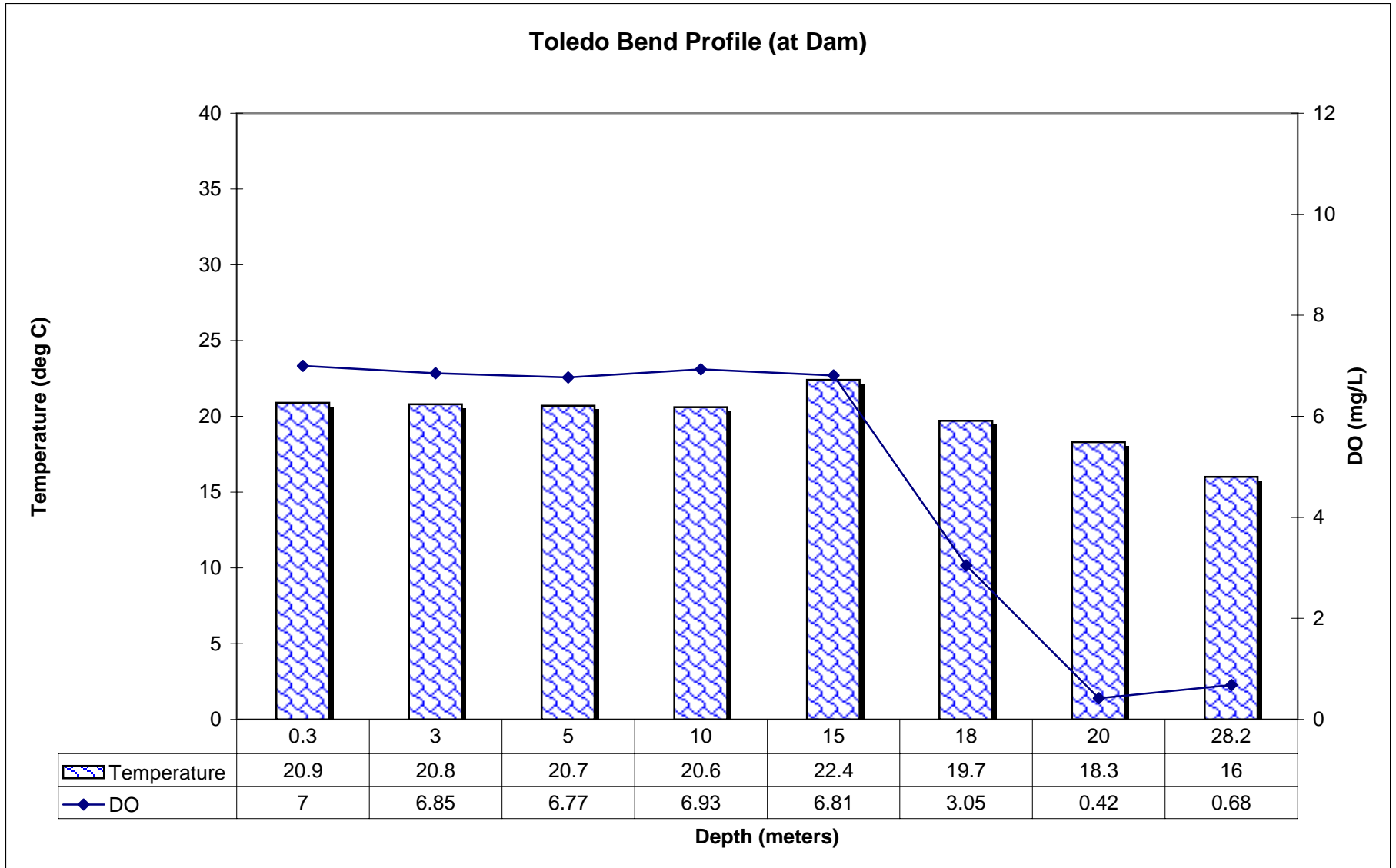
October 2000

## Toledo Bend Profile (at Pendleton Bridge)



# SABINE RIVER AUTHORITY OF TEXAS

October 2000



# SABINE RIVER AUTHORITY OF TEXAS

## Toledo Bend Weather and Reservoir Data

October 2000

Date	Lake Elev	LE - TOP	Max Temp	Min Temp	Rainfall	Evaporation	Daily Releases cfs	Daily Releases ac ft	Current Release
10/01/2000	167.00	(5.00)	86	49	0.00	0.27	160	317	460
10/02/2000	166.95	(5.05)	82	52	0.00	0.21	210	417	460
10/03/2000	166.92	(5.08)	91	64	0.00	0.22	160	317	460
10/04/2000	166.90	(5.10)	90	63	0.00	0.28	160	317	460
10/05/2000	166.92	(5.08)	90	62	0.00	0.24	160	317	460
10/06/2000	166.92	(5.08)	90	73	0.02	0.03	1268	2515	460
10/07/2000	167.00	(5.00)	80	58	1.00	NR	160	317	460
10/08/2000	167.12	(4.88)	55	46	0.00	0.32	130	258	460
10/09/2000	166.94	(5.06)	55	43	0.00	0.19	768	1523	430
10/10/2000	166.87	(5.13)	58	42	0.00	0.10	160	317	460
10/11/2000	166.82	(5.18)	68	37	0.00	0.19	840	1666	460
10/12/2000	166.80	(5.20)	76	43	0.00	0.19	160	317	460
10/13/2000	166.77	(5.23)	82	42	0.00	0.21	816	1619	460
10/14/2000	166.74	(5.26)	84	43	0.00	0.20	160	317	460
10/15/2000	166.74	(5.26)	83	48	0.00	0.17	160	317	460
10/16/2000	166.72	(5.28)	86	60	0.00	0.23	833	1652	460
10/17/2000	166.76	(5.24)	80	59	0.57	0.14	160	317	460
10/18/2000	166.77	(5.23)	75	59	0.00	0.12	796	1579	460
10/19/2000	166.75	(5.25)	80	49	0.00	0.23	160	317	460
10/20/2000	166.70	(5.30)	77	49	0.00	0.17	1091	2176	460
10/21/2000	166.69	(5.31)	80	48	0.00	0.17	160	317	460
10/22/2000	166.64	(5.36)	83	61	0.00	0.18	160	317	460
10/23/2000	166.66	(5.34)	83	67	0.04	0.06	769	1525	460
10/24/2000	166.68	(5.32)	84	57	0.00	0.13	143	284	460
10/25/2000	166.66	(5.34)	85	55	0.00	0.23	799	1585	430
10/26/2000	166.64	(5.36)	84	52	0.00	NR	160	317	460
10/27/2000	166.63	(5.37)	85	54	0.00	0.17	1100	2182	460
10/28/2000	166.61	(5.39)	85	56	0.00	0.18	160	317	460
10/29/2000	166.54	(5.46)	85	58	0.00	0.15	160	317	460
10/30/2000	166.53	(5.47)	85	64	0.00	0.23	160	317	460
10/31/2000	166.52	(5.48)	85	62	0.00	0.16	760	1507	460
<b>Avg or Tot</b>	166.77	(5.23)	80	54	1.63	5.37	421	25877	

Units	Avg Feet M.S.L.	Avg Feet	Avg Deg. F	Avg Deg. F	Tot Inches	Tot Inches	Avg cfs	Tot Ac. Ft.	cfs
									approx. 8:00 a.m.

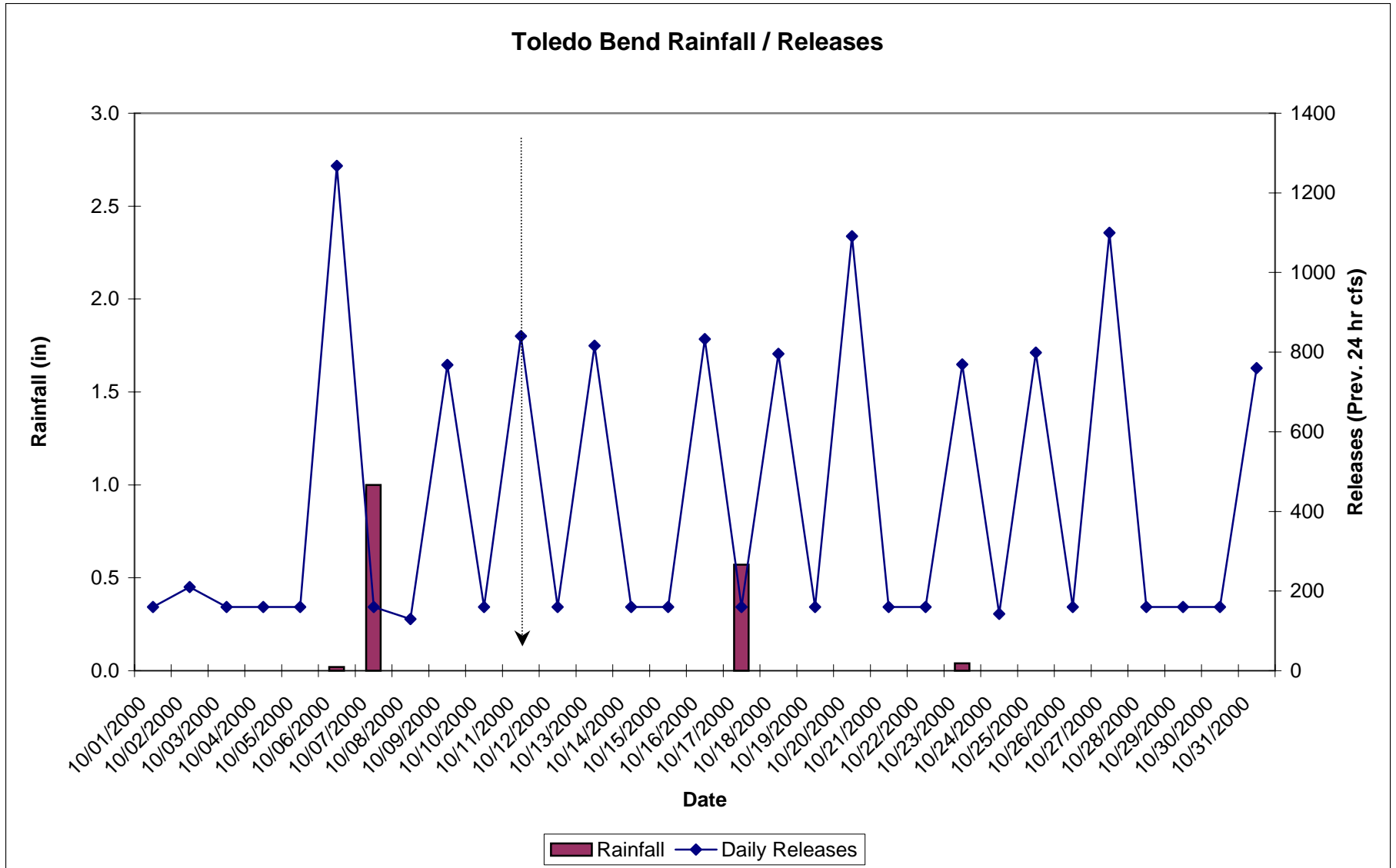
NR: No Reading

TOP: Top of Pool = 172 Feet M.S.L.

Toledo Bend Sampled on 10/11/2000

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



# SABINE RIVER AUTHORITY OF TEXAS

## Burkeville Weather and River Data

October 2000

Date	Rainfall	Gauge Height	GH - FS	Flow
10/01/2000	*	12.69	(28.31)	226
10/02/2000	*	12.48	(28.52)	176
10/03/2000	*	12.57	(28.43)	197
10/04/2000	*	12.41	(28.59)	160
10/05/2000	*	12.39	(28.61)	156
10/06/2000	*	12.41	(28.59)	160
10/07/2000	*	14.12	(26.88)	733
10/08/2000	*	12.14	(28.86)	107
10/09/2000	*	12.05	(28.95)	91
10/10/2000	*	14.04	(26.96)	697
10/11/2000	*	12.25	(28.75)	127
10/12/2000	*	14.28	(26.72)	806
10/13/2000	*	12.22	(28.78)	122
10/14/2000	*	13.90	(27.10)	637
10/15/2000	*	12.17	(28.83)	112
10/16/2000	*	12.12	(28.88)	103
10/17/2000	*	14.18	(26.82)	760
10/18/2000	*	12.20	(28.80)	118
10/19/2000	*	14.23	(26.77)	783
10/20/2000	*	12.17	(28.83)	112
10/21/2000	*	14.03	(26.97)	693
10/22/2000	*	12.14	(28.86)	107
10/23/2000	*	12.07	(28.93)	94
10/24/2000	*	14.11	(26.89)	728
10/25/2000	*	12.10	(28.90)	100
10/26/2000	*	14.35	(26.65)	828
10/27/2000	*	12.40	(28.60)	158
10/28/2000	*	14.11	(26.89)	728
10/29/2000	*	12.28	(28.72)	133
10/30/2000	*	12.25	(28.75)	127
10/31/2000	*	12.24	(28.76)	125
<b>Avg or Tot</b>		12.87	(28.13)	329

	Tot	Avg	Avg	Avg
Units	Inches	Feet	Feet	cfs

FS: Flood Stage = 41 feet

TH: Gage height too high to calculate flow

NR: No Reading

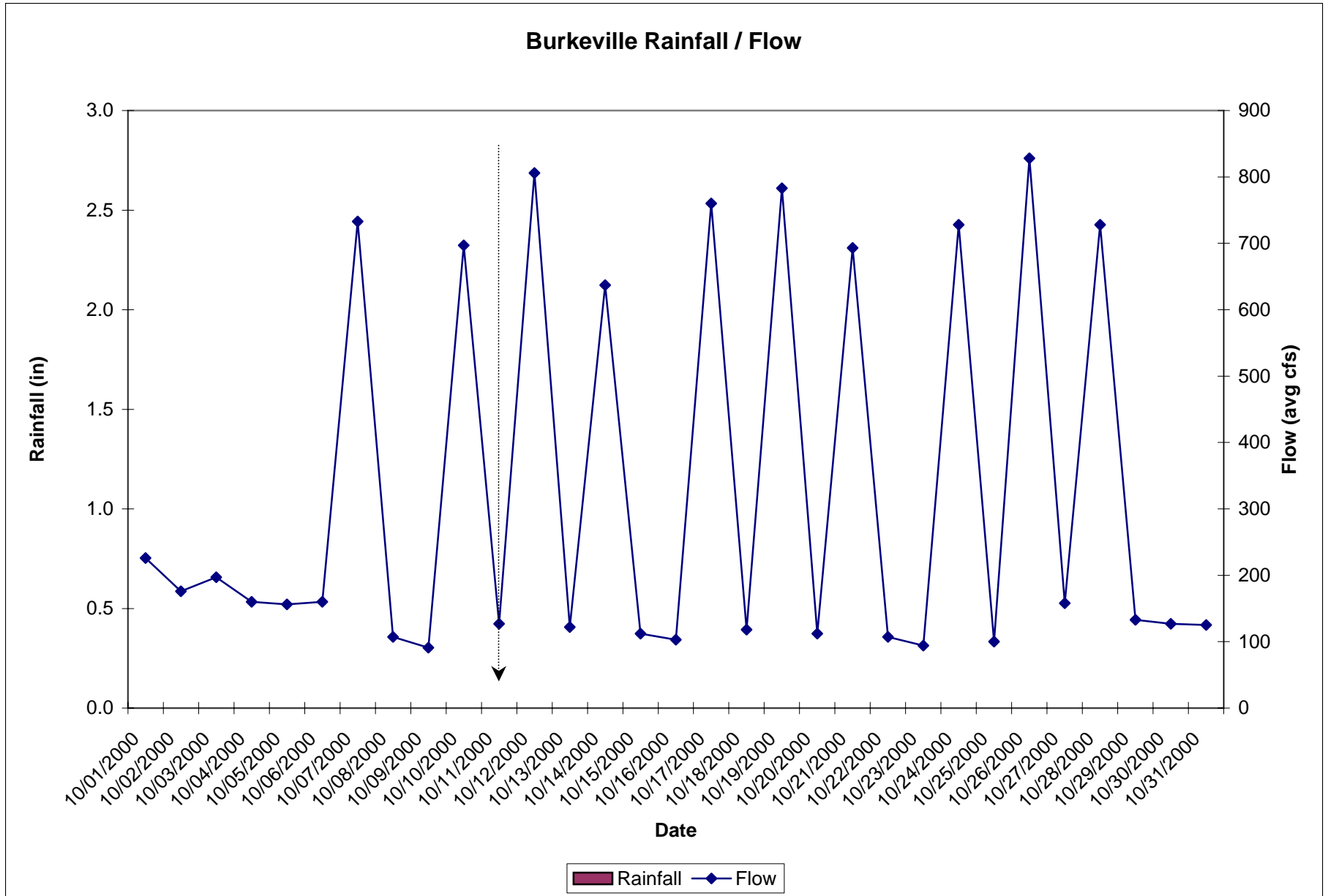
OUT: Gage Out

Lower Sabine Basin Sampled on 10/11/2000

\*Rainfall values not presented due to errors caused by vibrations on the bridge on which the gauge is mounted.

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



Lower Sabine Basin Sampled on 10/11/2000.

Rainfall readings not presented due to vibrations on the bridge on which the gauge is mounted.

# SABINE RIVER AUTHORITY OF TEXAS

## Bon Wier Weather and River Data

October 2000

<b>Date</b>	<i>Gauge Height</i>	<i>GH - FS</i>	<i>Flow Avg</i>	<i>308 Rainfall</i>
10/01/2000	16.13	(13.87)	2723	0.00
10/02/2000	13.45	(16.55)	955	0.00
10/03/2000	12.93	(17.07)	709	0.00
10/04/2000	12.84	(17.16)	670	0.00
10/05/2000	12.74	(17.26)	628	0.00
10/06/2000	12.73	(17.27)	623	0.00
10/07/2000	12.84	(17.16)	670	0.17
10/08/2000	14.28	(15.72)	1415	0.00
10/09/2000	12.82	(17.18)	661	0.00
10/10/2000	12.51	(17.49)	535	0.00
10/11/2000	13.47	(16.53)	965	0.00
10/12/2000	12.76	(17.24)	636	0.00
10/13/2000	13.56	(16.44)	1011	0.00
10/14/2000	12.73	(17.27)	623	0.00
10/15/2000	13.83	(16.17)	1156	0.00
10/16/2000	12.69	(17.31)	607	0.00
10/17/2000	12.44	(17.56)	508	0.00
10/18/2000	13.54	(16.46)	1001	0.00
10/19/2000	12.71	(17.29)	615	0.00
10/20/2000	13.43	(16.57)	945	0.00
10/21/2000	12.69	(17.31)	607	0.00
10/22/2000	13.79	(16.21)	1133	0.00
10/23/2000	12.67	(17.33)	598	0.17
10/24/2000	12.36	(17.64)	478	0.00
10/25/2000	13.32	(16.68)	891	0.00
10/26/2000	12.65	(17.35)	590	0.00
10/27/2000	13.42	(16.58)	940	0.00
10/28/2000	12.78	(17.22)	644	0.00
10/29/2000	13.80	(16.20)	1139	0.00
10/30/2000	12.68	(17.32)	603	0.00
10/31/2000	12.44	(17.56)	508	0.00
<b>Avg or Tot</b>	13.13	(16.87)	832	0.34

Units	Avg Feet	Avg Feet	Avg	Tot Inches
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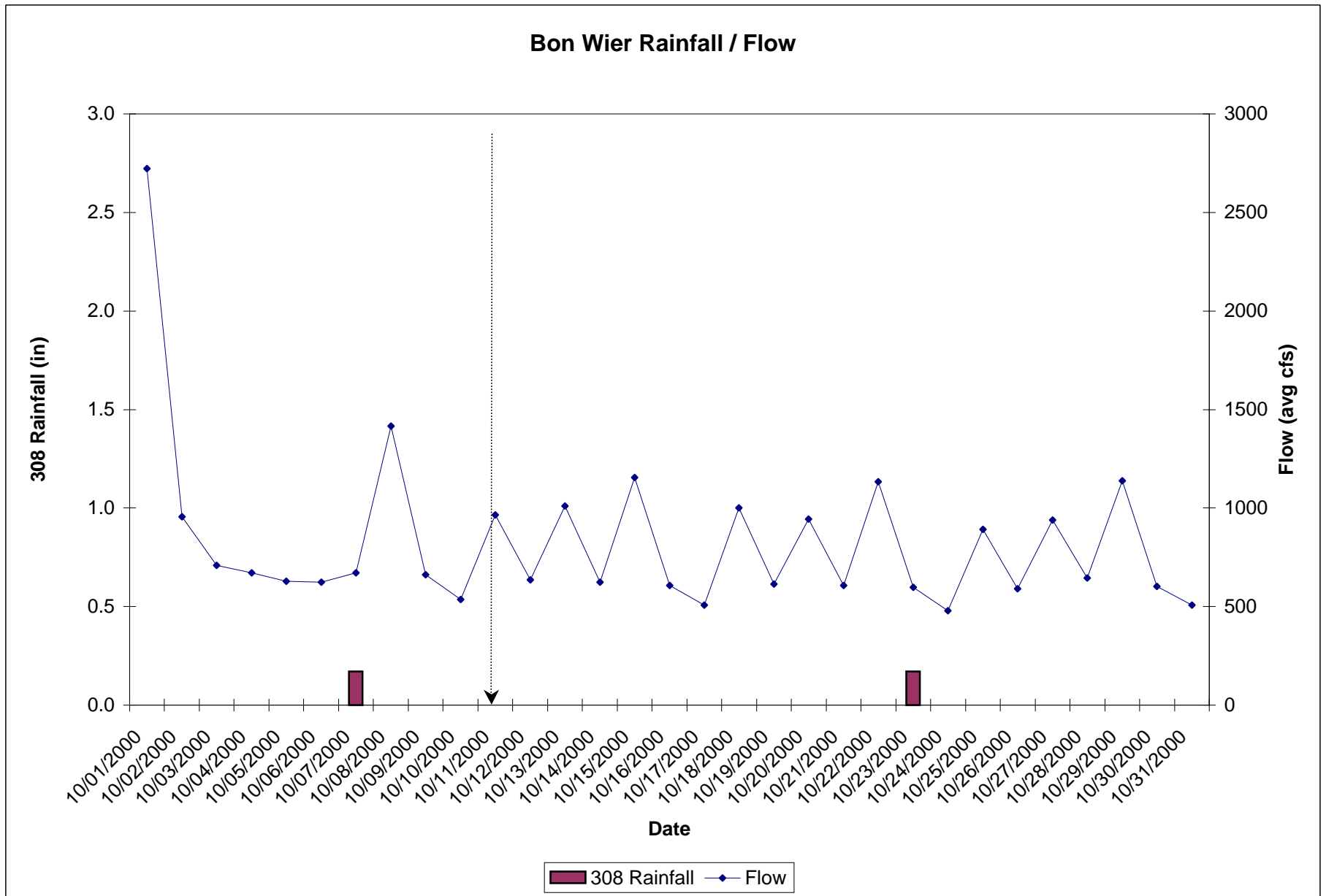
FS: Flood Stage = 30 feet

OUT: Gauge Out

Lower Sabine Basin Sampled on 10/11/2000

# Sabine River Authority of Texas

October 2000



# SABINE RIVER AUTHORITY OF TEXAS

## Ruliff Weather and River Data

October 2000

<b>Date</b>	<i>Gauge Height</i>	<i>GH - FS</i>	<i>Flow cfs</i>	<i>Flow acft</i>	<i>Flow avg</i>	<i>309 Rainfall</i>
10/01/2000	19.80	(4.20)	4389	8705	4389	0.00
10/02/2000	19.74	(4.26)	4326	8580	4358	0.01
10/03/2000	17.73	(6.27)	2752	5459	3822	0.00
10/04/2000	15.37	(8.63)	1568	3110	3259	0.02
10/05/2000	14.40	(9.60)	1224	2428	2852	0.01
10/06/2000	14.14	(9.86)	1136	2253	2566	0.00
10/07/2000	14.01	(9.99)	1093	2168	2355	0.69
10/08/2000	13.83	(10.17)	1039	2061	2191	0.00
10/09/2000	15.19	(8.81)	1500	2975	2114	0.00
10/10/2000	14.92	(9.08)	1402	2781	2043	0.00
<b>10/11/2000</b>	<b>13.98</b>	<b>(10.02)</b>	<b>1084</b>	<b>2150</b>	<b>1956</b>	<b>0.00</b>
10/12/2000	13.70	(10.30)	998	1980	1876	0.00
10/13/2000	14.18	(9.82)	1150	2281	1820	0.00
10/14/2000	13.87	(10.13)	1051	2085	1765	0.00
10/15/2000	14.23	(9.77)	1167	2315	1725	0.00
10/16/2000	14.22	(9.78)	1163	2307	1690	0.00
10/17/2000	14.58	(9.42)	1285	2549	1666	0.00
10/18/2000	13.73	(10.27)	1007	1997	1630	0.00
10/19/2000	13.42	(10.58)	917	1819	1592	0.00
10/20/2000	14.15	(9.85)	1140	2261	1570	0.01
10/21/2000	13.65	(10.35)	984	1952	1542	0.00
10/22/2000	14.06	(9.94)	1110	2202	1522	0.00
10/23/2000	13.97	(10.03)	1081	2144	1503	0.00
10/24/2000	14.36	(9.64)	1210	2400	1491	0.00
10/25/2000	13.53	(10.47)	949	1882	1469	0.00
10/26/2000	13.42	(10.58)	917	1819	1448	0.00
10/27/2000	13.86	(10.14)	1048	2079	1433	0.00
10/28/2000	13.54	(10.46)	952	1888	1416	0.00
10/29/2000	14.10	(9.90)	1123	2227	1406	0.01
10/30/2000	14.06	(9.94)	1110	2202	1396	0.00
10/31/2000	14.32	(9.68)	1197	2374	1389	0.00
<b>Avg or Tot</b>	<b>14.58</b>	<b>(9.42)</b>	<b>1389</b>	<b>85433</b>		<b>0.75</b>

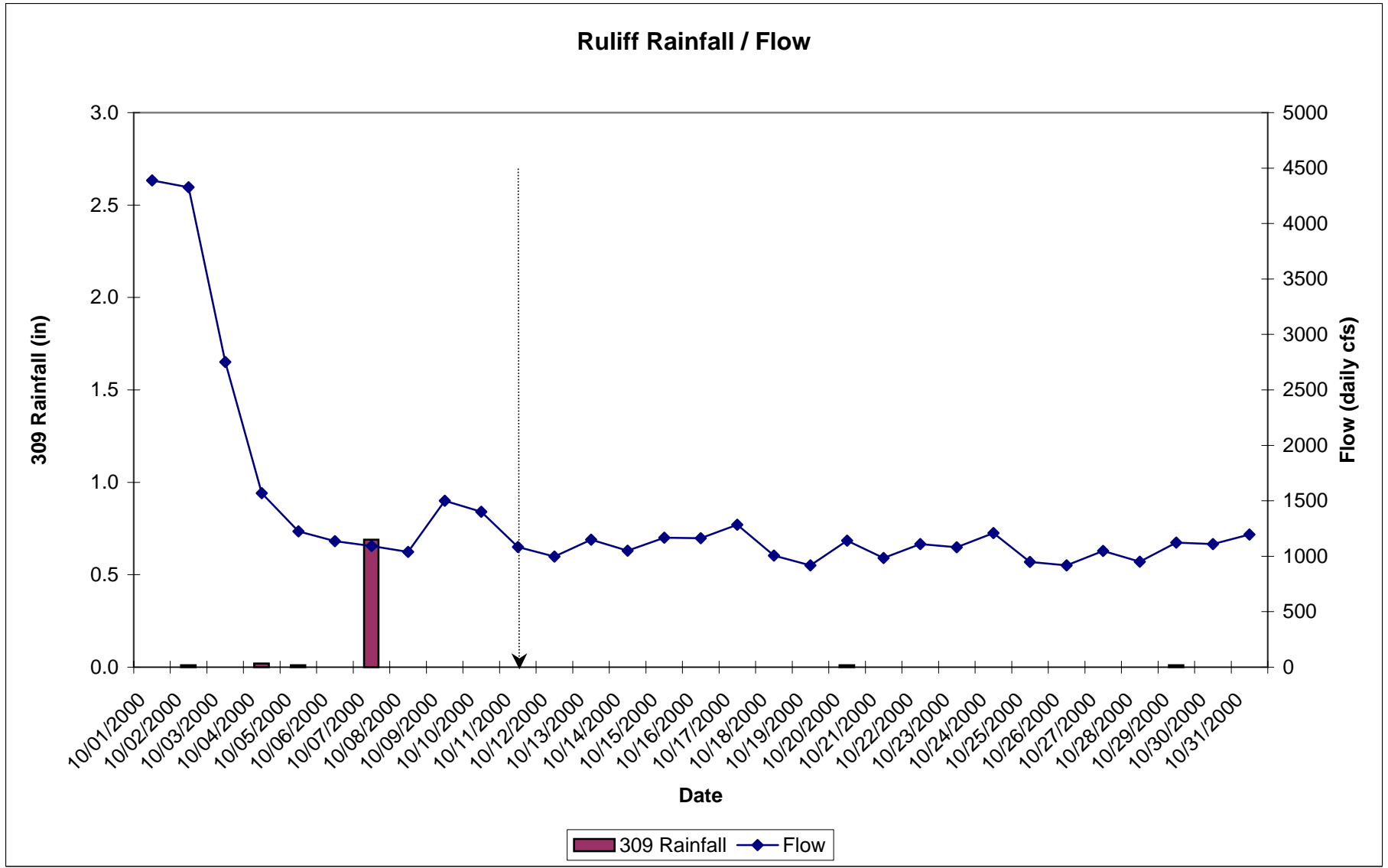
Units	Avg Feet	Avg Feet	Avg cfs	Tot ac ft	Tot Inches
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FS: Flood Stage 24 feet with 10 foot datum

Lower Sabine Basin Sampled on 10/11/2000

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



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# *Current WQMP Stations*

## *Tidal Sabine Basin*

<i>SW</i>	<i>Segment</i>	<i>Station</i>	<i>Location</i>
1.05	0501	15653 (ICW1)	INTERCOASTAL WATERWAY AT PERRY RIDGE
1.03	0508	15107 (AB7)	ADAMS BAYOU AT FM 3247
1.03	0508	10441 (AB2)	ADAMS BAYOU AT FM 1006
1.02	0511	13781 (CB4)	COW BAYOU AT FM 1442(NORTH CROSSING)
1.02	0511	10449 (CB1)	COW BAYOU AT ROUND BUNCH RD
1.01	0501	15654 (BB1)	BLACK BAYOU IN CAMERON PARISH
1.00	0501	10395 (SR1)	SABINE RIVER 12.00 KM UPSTREAM OF IH 10
1.00	0501	10394 (SRT2)	SABINE RIVER AT IH 10
1.00	0501	10391 (SRT1)	SABINE RIVER AT CHANNEL CAN 3

# SABINE RIVER AUTHORITY OF TEXAS

Tidal Report  
October 2000

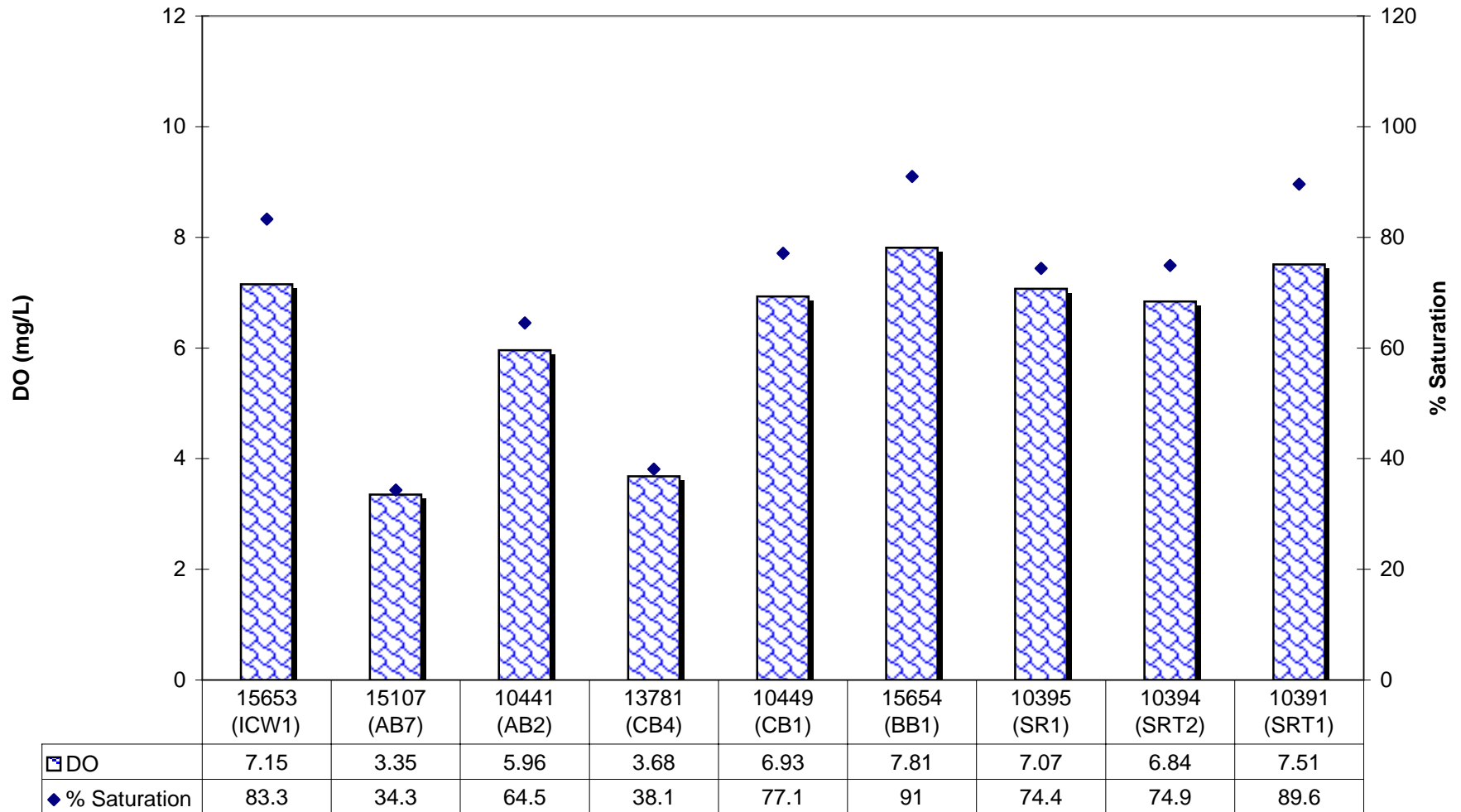
Date	SW ID	Station	Temperature	pH	DO	%	Conductivity	Salinity	Secchi	Turbidity	Fecal	Fecal	Chlorophyll a	Ammonia	Nitrate &	Ortho-	TOC	Total	Total	Chloride	Sulfate
			°C	Units	mg/L	Saturation	µS/cm	ppt	Meters	NTU	Coliform	Strep	µg/L	mg/L	Nitrite	Phosphate	mg/L	Alkalinity	Hardness	mg/L	mg/L
			00010	00400	00300	00301	00094	00480	00078	82079	31616	31673	32211	00610	00630	00671	00680	00410	00900	00940	00945
10/12/00 11:09 AM	1.05	15653 (ICW1)	18.8	7.61	7.15	83.3	21860	13	1.1	5.48	27	*	*	*	0.05	< 0.02	8.7	*	*	8090	1060
10/10/00 9:25 AM	1.03	15107 (AB7)	16.4	6.6	3.35	34.3	163	< 1	0.3	33	156	27	*	0.069	0.18	0.54	12.3	*	*	24.3	6.6
10/10/00 10:40 AM	1.03	10441 (AB2)	17.1	7.18	5.96	64.5	12240	7	0.51	7.51	80	10	*	0.035	< 0.02	0.26	9.7	*	*	3670	437
10/10/00 9:48 AM	1.02	13781 (CB4)	17.1	6.82	3.68	38.1	771	< 1	0.18	63.4	128	120	*	0.037	0.09	< 0.02	7	*	*	187	28.1
10/10/00 10:22 AM	1.02	10449 (CB1)	17.3	7.38	6.93	77.1	16820	10	0.55	6.98	73	33	*	< 0.001	2.51	< 0.02	9.1	*	*	5870	746
10/12/00 11:35 AM	1.01	15654 (BB1)	17.8	7.84	7.81	91	26130	16	0.86	6.31	15	*	*	*	0.03	< 0.02	< 1	*	*	9810	1300
10/12/00 10:30 AM	1.00	10395 (SR1)	17.8	7.32	7.07	74.4	285	*	0.62	29.2	56	*	*	*	0.05	< 0.02	5.6	*	*	18.6	49
10/12/00 9:30 AM	1.00	10394 (SRT2)	19	7.32	6.84	74.9	3522	2	0.82	12.8	50	*	*	*	*	< 0.02	7	*	*	890	163
10/12/00 11:48 AM	1.00	10391 (SRT1)	19.4	7.78	7.51	89.6	22700	14	0.96	4.78	11	*	*	*	0.06	< 0.02	< 1	*	*	8680	1140

\*: Not sampled on this run

# SABINE RIVER AUTHORITY OF TEXAS

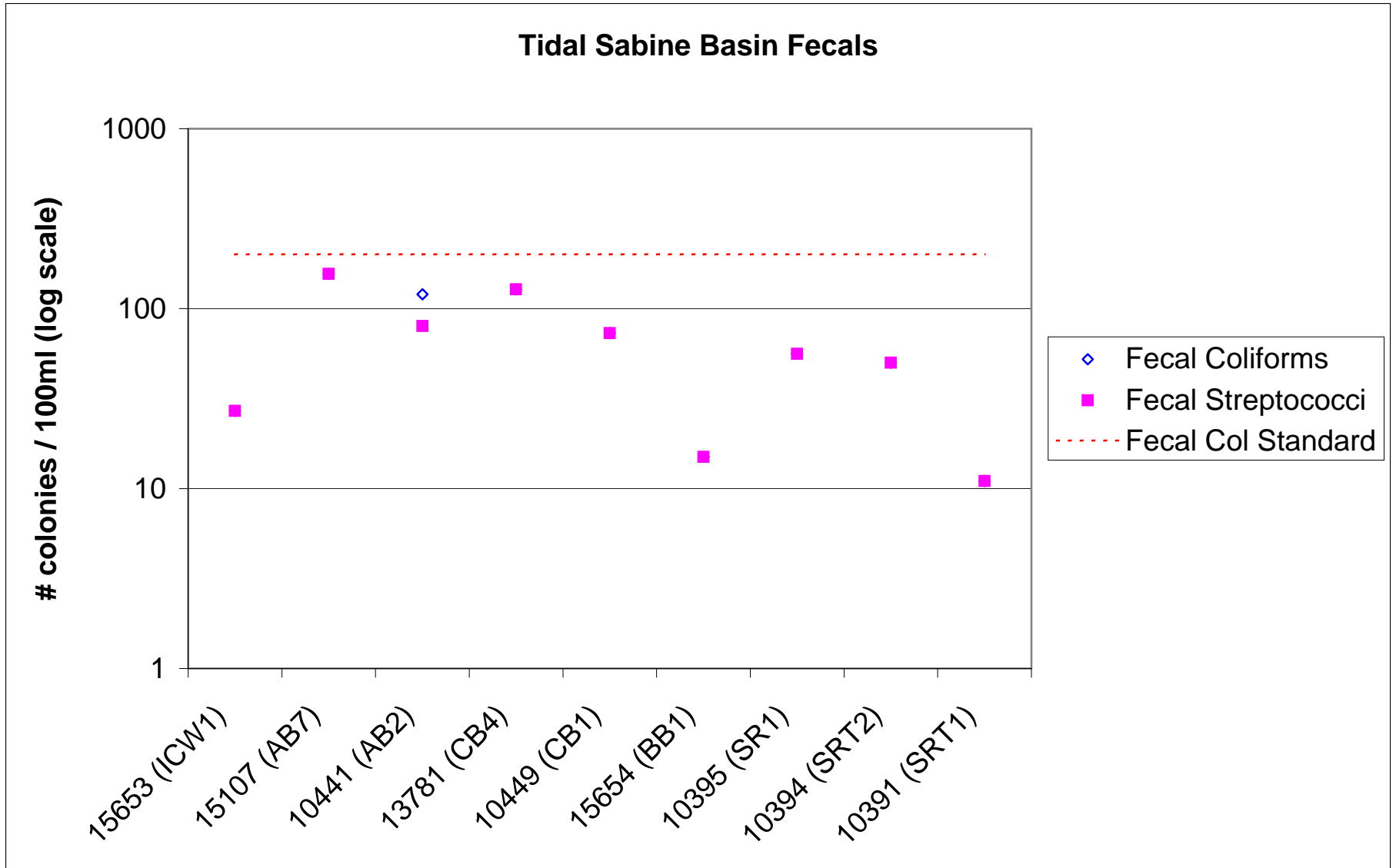
October 2000

### Tidal Sabine Basin DO / % Saturation



# SABINE RIVER AUTHORITY OF TEXAS

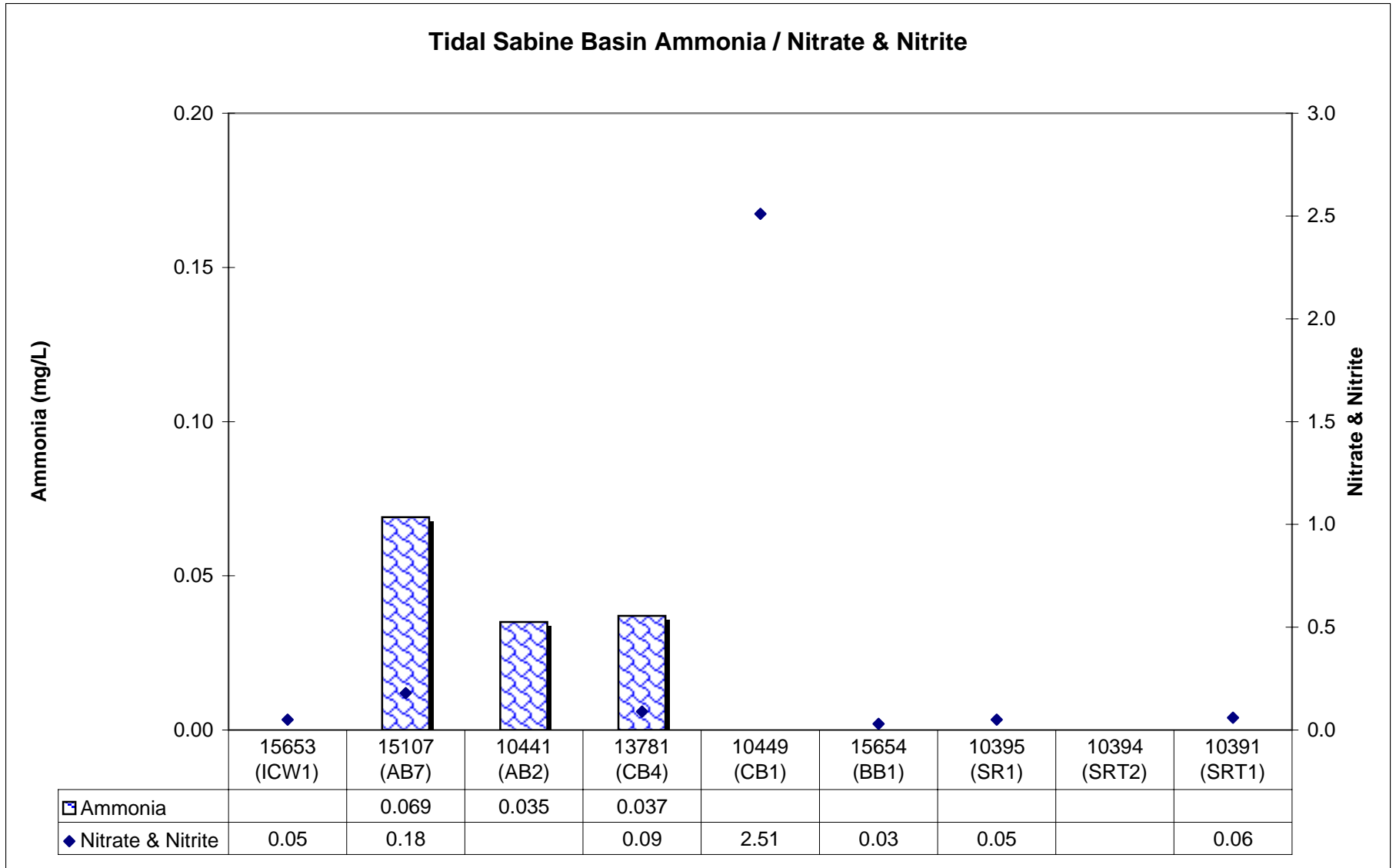
October 2000



Stations without values were below detection limit or not sampled on this run (see page 38).

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



Stations without values were below detection limit or not sampled on this run (see page 40).

# SABINE RIVER AUTHORITY OF TEXAS

## Tidal Profiles

October 2000

Date	SW ID	Station	Depth Meters	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity μS/cm 00094	Salinity ppt 00480
10/12/00 11:09 AM	1.05	15653 (ICW1)	0.3	18.8	7.61	7.15	83.3	21860	13
			3	18.6	7.57	7.15	83	21990	13
			6.1	18.6	7.55	7	81.7	22050	13
10/10/00 9:25 AM	1.03	15107 (AB7)	0.3	16.4	6.6	3.35	34.3	163	< 1
			2.6	16.4	6.61	3.36	34.2	165	< 1
10/10/00 9:48 AM	1.02	13781 (CB4)	0.3	17.1	6.82	3.68	38.1	771	< 1
			2.4	17.1	6.84	6.1	63.5	756	< 1
10/10/00 10:22 AM	1.02	10449 (CB1)	0.3	17.3	7.38	6.93	77.1	16820	10
			3	18.8	7.15	6.29	73.1	22700	14
			6.1	18.8	7.43	6.11	71.6	23740	14
10/12/00 11:35 AM	1.01	15654 (BB1)	0.3	17.8	7.84	7.81	91	26130	16
			3	17.8	7.83	7.7	90.4	26070	16
			6.4	17.7	7.75	7.05	81.8	26974	16
10/12/00 10:30 AM	1.00	10395 (SR1)	0.3	17.8	7.32	7.07	74.4	285	*
			4.5	17.8	7.33	7	73.5	291	*
10/12/00 9:30 AM	1.00	10394 (SRT2)	0.3	19	7.32	6.84	74.9	3522	2
			2	23.8	6.98	2.78	30.5	20730	12
			5	24	7.22	3.02	39.8	28910	18
			8.5	23.5	7.25	3.14	41.3	29720	19
10/12/00 11:48 AM	1.00	10391 (SRT1)	0.3	19.4	7.78	7.51	89.6	22700	14
			3	19.1	7.78	7.12	84.6	24510	15
			6	19	7.82	6.6	79.4	29490	19
			10.1	19.2	7.84	6	74	33050	20

\*: Not sampled on this run

# SABINE RIVER AUTHORITY OF TEXAS

## Orange Weather and River Data

October 2000

Date	310 (Orange) Rainfall	Gauge Height	GH - FS	Max Temp	Min Temp	Cur Temp	293 (GCD) Rainfall
10/01/2000	0.00	2.00	(2.00)	86	51	55	0.00
10/02/2000	0.00	2.13	(1.87)	85	54	69	0.00
10/03/2000	0.00	2.26	(1.74)	87	65	65	0.00
10/04/2000	0.00	2.25	(1.75)	89	65	66	0.00
10/05/2000	0.00	2.18	(1.82)	89	65	72	0.00
10/06/2000	0.09	2.18	(1.82)	89	72	79	0.00
10/07/2000	1.04	1.22	(2.78)	86	58	58	2.90
10/08/2000	0.04	0.33	(3.67)	64	48	49	0.02
10/09/2000	0.01	0.72	(3.28)	50	44	45	0.02
10/10/2000	0.00	1.49	(2.51)	52	45	46	0.00
10/11/2000	0.00	1.61	(2.39)	67	42	42	0.00
10/12/2000	0.00	1.29	(2.71)	75	42	46	0.00
10/13/2000	0.00	1.49	(2.51)	80	45	47	0.00
10/14/2000	0.00	1.97	(2.03)	81	46	53	0.00
10/15/2000	0.00	2.01	(1.99)	78	53	64	0.00
10/16/2000	0.00	2.19	(1.81)	84	65	67	0.00
10/17/2000	0.03	2.26	(1.74)	85	65	65	0.00
10/18/2000	0.00	1.89	(2.11)	84	62	62	0.00
10/19/2000	0.00	1.96	(2.04)	79	53	53	0.00
10/20/2000	0.00	1.94	(2.06)	81	51	53	0.00
10/21/2000	0.00	1.95	(2.05)	83	53	62	0.21
10/22/2000	0.00	2.22	(1.78)	80	61	71	0.00
10/23/2000	0.00	2.26	(1.74)	82	69	69	0.00
10/24/2000	0.00	2.38	(1.62)	84	61	61	0.00
10/25/2000	0.00	2.43	(1.57)	83	60	62	0.00
10/26/2000	0.00	2.39	(1.61)	81	60	62	0.00
10/27/2000	0.00	2.27	(1.73)	84	60	60	0.00
10/28/2000	0.00	2.13	(1.87)	83	60	65	0.00
10/29/2000	0.02	2.46	(1.54)	84	65	66	0.01
10/30/2000	0.00	2.39	(1.61)	83	64	65	0.00
10/31/2000	0.00	2.44	(1.56)	82	64	65	0.00
<b>Avg or Tot</b>	1.23	1.96	(2.04)	80	57	60	3.16

Units	Tot Inches	Avg Feet	Avg Feet	Avg Deg F	Avg Deg F	Avg Deg F	Tot Inches
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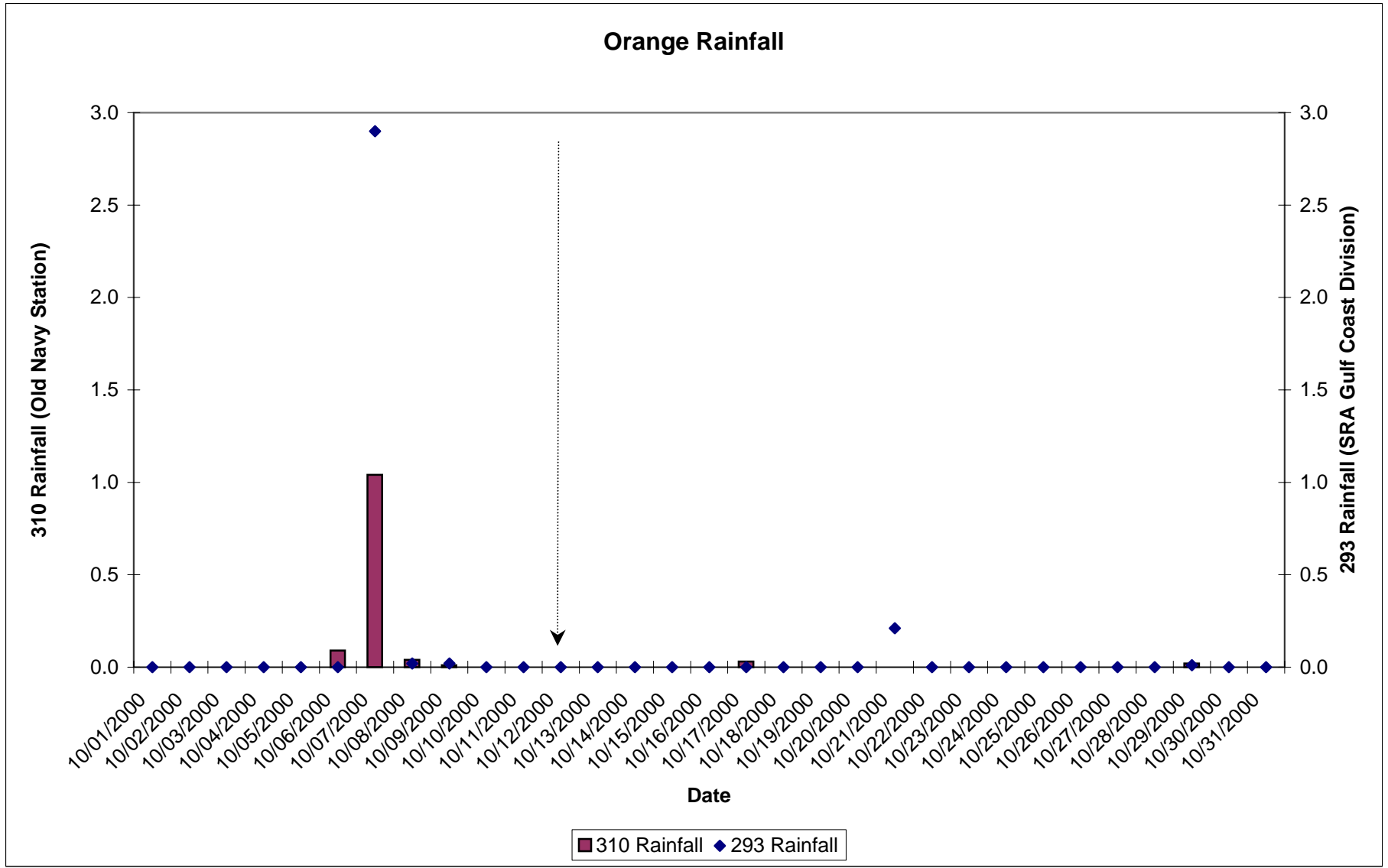
Appx. 8 am

310 Rainfall: Old Navy Base, City of Orange  
 293: SRA Gulf Coast Division Office, Northern Orange County  
 FS: Flood Stage = 4 Feet  
 OUT: Gauge Out

Tidal Sabine Basin Sampled on 1012/2000

# SABINE RIVER AUTHORITY OF TEXAS

October 2000



Tidal Sabine Basin Sampled on 10/12/2000