
SABINE RIVER AUTHORITY OF TEXAS

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

This is the Sabine River Authority Water Quality Summary for September 2000. Water quality sampling was performed September 12th through September 14th. Recent weather in the Basin was hot and very dry with the exception of a few light rains at Toledo Bend and in the Lower Basin. Scattered showers the day before sampling influenced the results in the Longview area. Daytime high air temperatures during the seven days prior to the sampling dates were in the low to upper 90's and low 100's in the Upper Basin and in the 80's and 90's in the Lower Basin. Nighttime lows were in the 60's and 70's.

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

The annual review of the sampling program and discussion with other stakeholders in the Basin resulted in a few changes to the program. Two monitoring sites have been added to the Upper Basin. One requested by the TNRCC is designated "SR22" and is sampled from the FM17 bridge South of Alba. The other site is on Harris Creek at FM16 near the city of Winona. This site is downstream of effluents from the City of Winona, the Smith County WCID #1 wastewater treatment plant, and the grounds of a controversial deep-well injection site for hazardous waste. One site, "LF,"7 has been deactivated from the Upper Basin sample run.

For the September 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 had very little temperature difference from surface to bottom so the water column is beginning to mix, but gradual dissolved oxygen gradients were recorded at most of the deep reservoir sites. Percent saturation of oxygen was over 100% at one river site, SR19. Dissolved oxygen was 2.87mg/L near the dam at Lake Tawakoni (LT23A). This site also had elevated ammonia at 0.217mg/l. Additional measurements indicated dissolved oxygen at the surface was 3.34 and 4.75mg/l about 3/4mile and one mile respectively up-lake from the dam. Two river sites (BS18 and SR14) and the new site, HRS16, also had dissolved oxygen less than 5mg/l. Most of the river sites were unusually clear after extended dry weather conditions. Two sites, SR15 and SR14, had elevated fecal coliform. SR15, which had the highest

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coliform count, had probably just received runoff from a local rain as was noted on the field data sheet. The river was very muddy and had elevated turbidity, ammonia, and nitrate/nitrite. Sulfate was slightly higher than screening levels at SR11.

LOWER SABINE BASIN INCLUDING TOLEDO BEND TO MORGAN BLUFF

September 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. Sites TB6, TB6N, TB8, TB6M and TB6L had oxygen levels that were below stream standards. Higher conductivity readings, fecal coliform counts, and chloride levels were observed at Stations TB6N. TB6N is located downstream from a municipal wastewater treatment plant. Station BA4 had higher fecal counts and nitrate/nitrite, sulfate, and chloride levels. This station 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. All values measured were within stream standards criteria. Salinity was detected at six tidal stations: AB7, AB2, CB1, SRT1, BB1 and ICW1. The greatest salinity reading of 23 ppt was observed at the deepest depth at Station SRT2. A definite salt-water wedge was observed at all tidal stations.

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

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Water Quality Monitoring Program

September 2000

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Appendix

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

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Upper Sabine Basin Report

September 2000

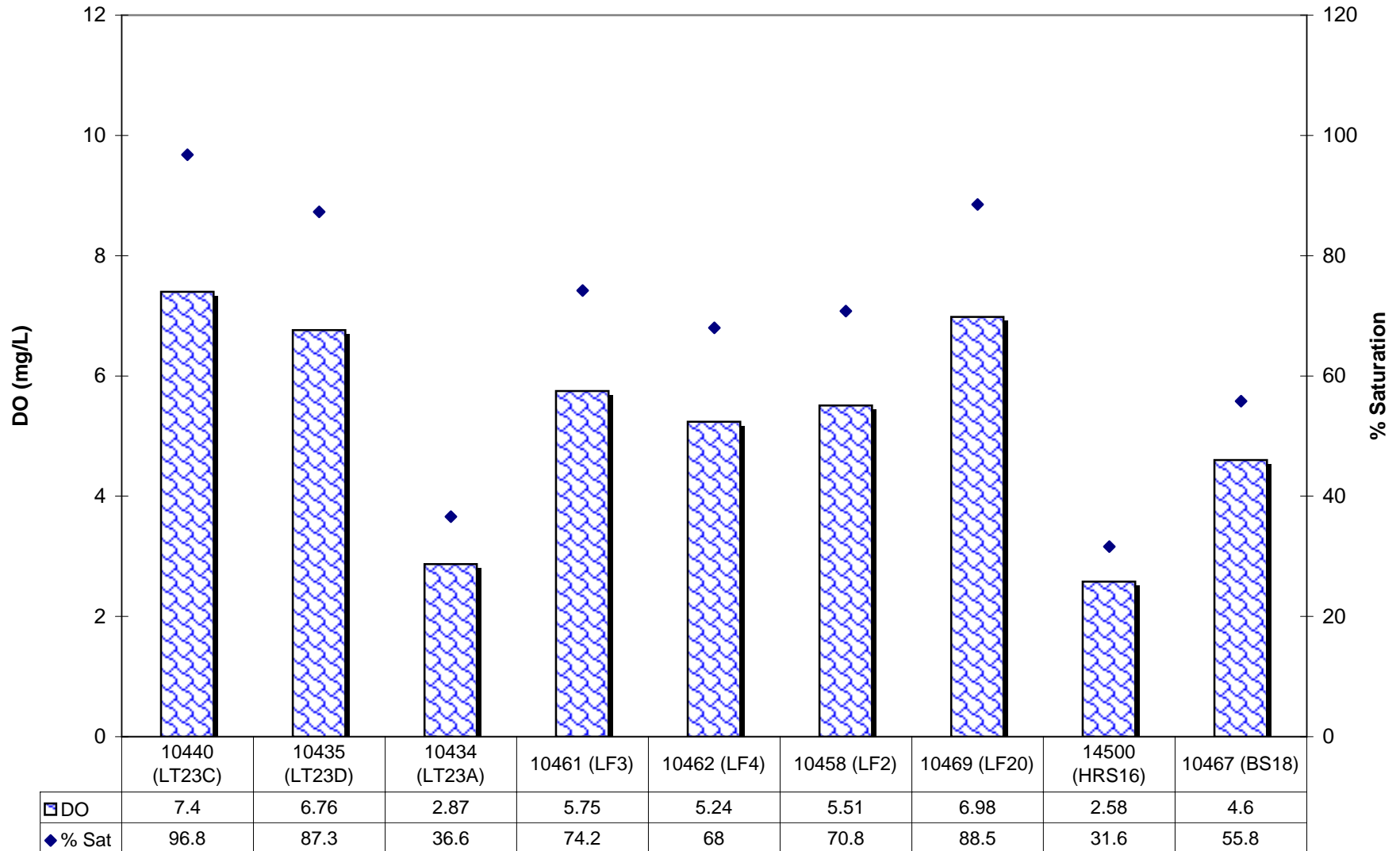
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	Fecal Coliform 31616	Fecal Strep 31673	Chlorophyll a µg/L 32211	Ammonia mg/L 00610	Nitrate & Nitrite 00630	Ortho-Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
9/12/00 11:53 AM	7.00	10440 (LT23C)	29.2	8.47	7.4	96.8	182	*	0.45	12.7	10	*	65.7	0.003	< 0.02	< 0.02	10	69	64	5	*
9/12/00 11:02 AM	7.00	10435 (LT23D)	28.7	8.08	6.76	87.3	185	*	0.55	11.7	< 5	*	72.1	0.001	0.05	< 0.02	5	71	64	4.8	*
9/12/00 9:54 AM	7.00	10434 (LT23A)	27.8	7.01	2.87	36.6	199	*	1.15	3.61	< 2	*	32.8	0.217	0.04	0.07	7	77	76	4.7	*
9/12/00 8:37 AM	6.12	10461 (LF3)	28.6	6.61	5.75	74.2	156	*	0.93	4.66	2	*	41.7	< 0.001	< 0.02	< 0.02	6	32	40	12.6	*
9/12/00 9:00 AM	6.12	10462 (LF4)	28.9	6.75	5.24	68	149	*	0.88	4.43	< 2	*	32	< 0.001	< 0.02	< 0.02	6	31	40	11.2	*
9/12/00 7:51 AM	6.12	10458 (LF2)	28.3	6.66	5.51	70.8	150	*	1.07	4.9	< 2	*	24.8	0.02	< 0.02	< 0.02	6	29	36	12	*
9/12/00 1:50 PM	6.10	10469 (LF20)	27.6	7.35	6.98	88.5	159	*	0.46	29.8	43	*	*	< 0.001	0.11	< 0.02	6	29	40	13.5	*
9/12/00 2:53 PM	6.04	14500 (HRS16)	25.3	7.42	2.58	31.6	751	*	> 0.82	10.6	40	*	*	*	0.05	0.2	6	204	52	37.9	*
9/13/00 8:28 AM	6.02	10467 (BS18)	25	6.73	4.6	55.8	107	*	> 1.1	7.75	30	*	*	< 0.001	0.1	< 0.02	3		24	13.7	*
9/12/00 12:55 PM	6.00	17065 (SR22)	27.9	7.35	5.19	65.9	294	*	0.27	40.2	43	*	*	< 0.001	< 0.02	< 0.02	6	85	96	18.1	*
9/12/00 1:28 PM	6.00	10430 (SR21)	28.4	7.46	5.88	75.5	402	*	0.44	30.2	< 4	*	*	< 0.001	< 0.02	< 0.02	6	90	128	34.9	*
9/12/00 2:10 PM	6.00	10429 (SR19)	28.5	7.5	8.08	104	207	*	0.4	35.7	40	*	*	< 0.001	0.05	< 0.02	6	24	52	28.3	*
9/13/00 8:53 AM	5.00	10428 (SR17)	27.3	6.99	6.31	79.7	205	*	0.44	25.5	112	*	*	< 0.001	< 0.02	< 0.02	6	35	52	20.7	19.7
9/13/00 9:16 AM	5.00	10427 (SR16)	27.2	7	5.64	71	232	*	0.55	23	13	*	*	0.027	0.04	< 0.02	6	37	56	27.5	19.6
9/13/00 9:33 AM	5.00	10426 (SR15)	27.1	7.03	6.13	76.9	232	*	0.54	20.9	500	*	*	< 0.001	< 0.02	< 0.02	6	39	56	27.4	19.1
9/13/00 9:54 AM	5.00	10423 (SR14)	26.6	6.8	4.22	52.6	352	*	0.31	75.3	> 1200	*	*	0.166	4.11	0.18	7	43	68	41.4	36.4
9/13/00 10:32 AM	5.00	13628 (SR11)	27.9	7.74	7.38	94.3	685	*	0.51	18	17	*	*	0.076	0.59	< 0.02	7	128	70	62.3	105
9/13/00 11:04 AM	5.00	10415 (SR10)	28	7.33	5.7	73	615	*	0.47	18.3	53	*	*	< 0.001	< 0.02	0.06	7	122	80	63.1	76.9

*: Not sampled on this run

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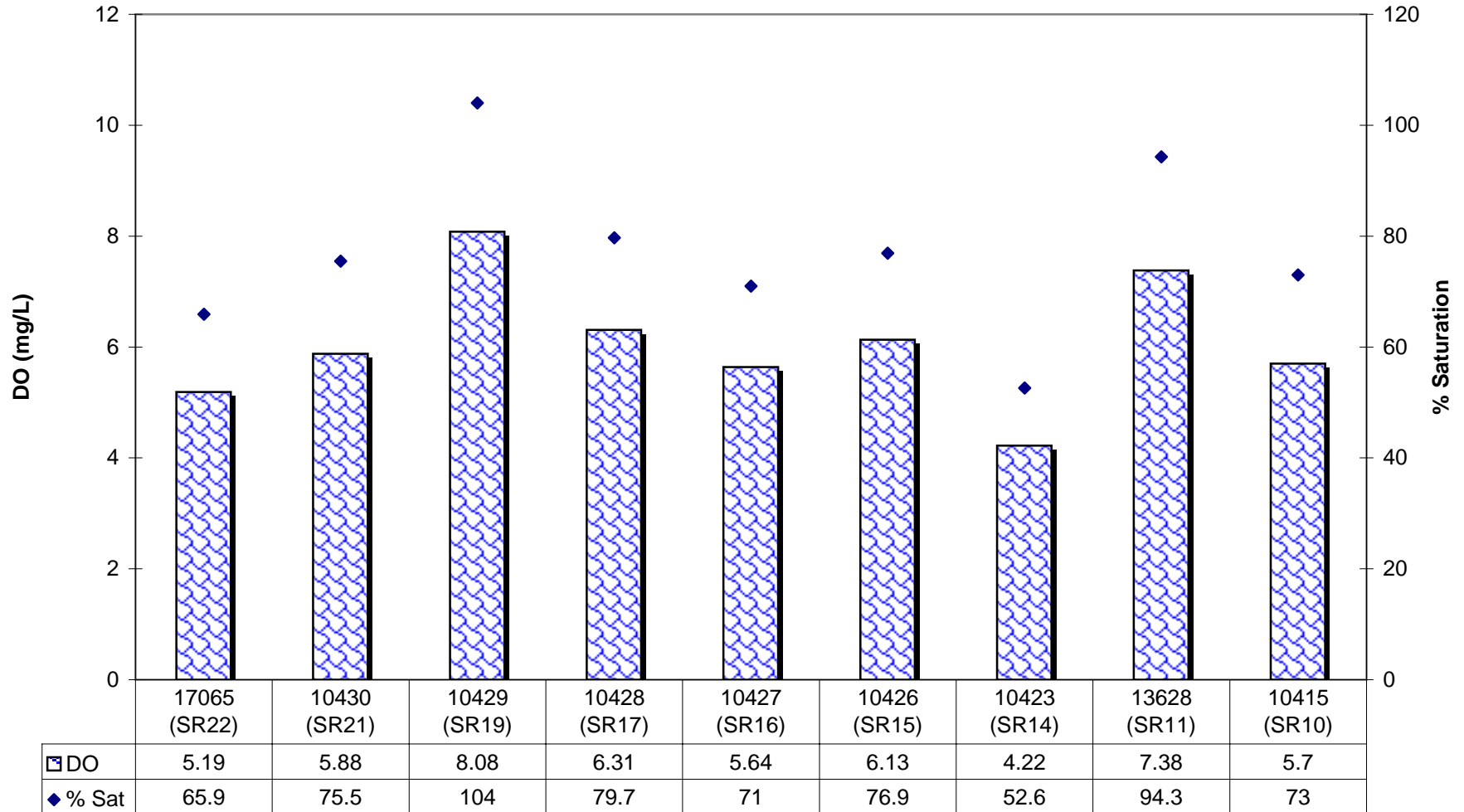
Upper Sabine Basin DO / % Saturation (1 of 2)



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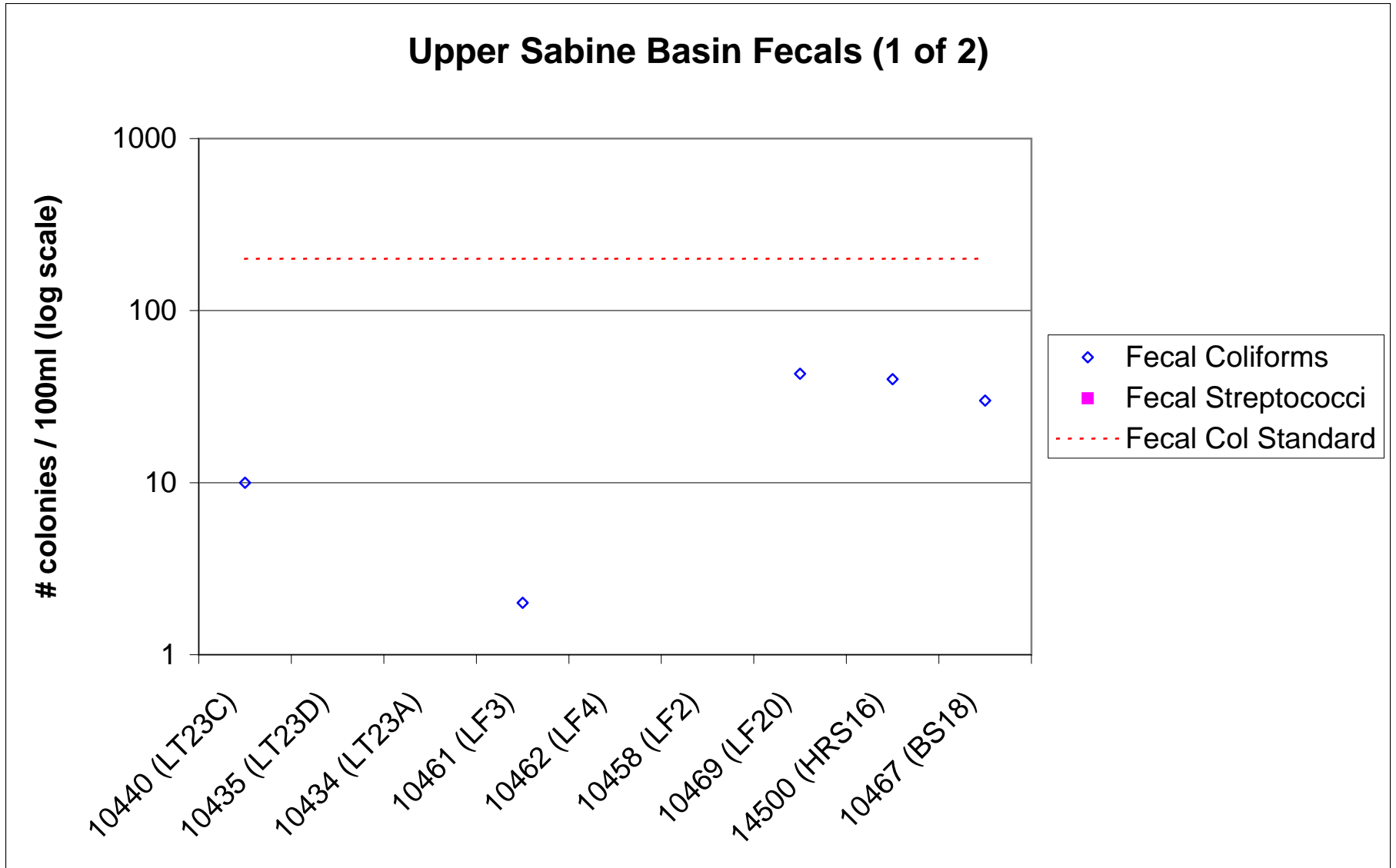
September 2000

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



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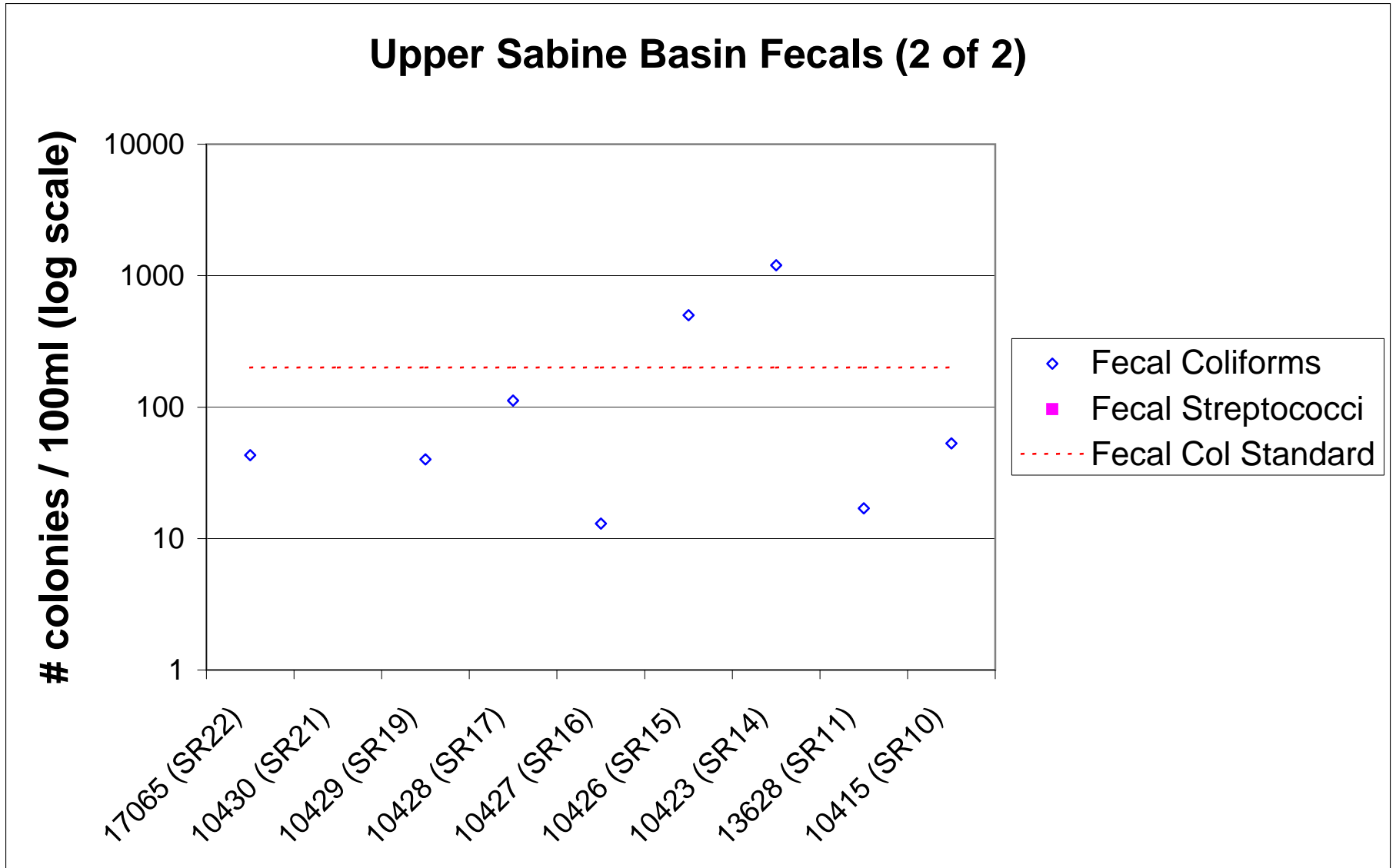
September 2000



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

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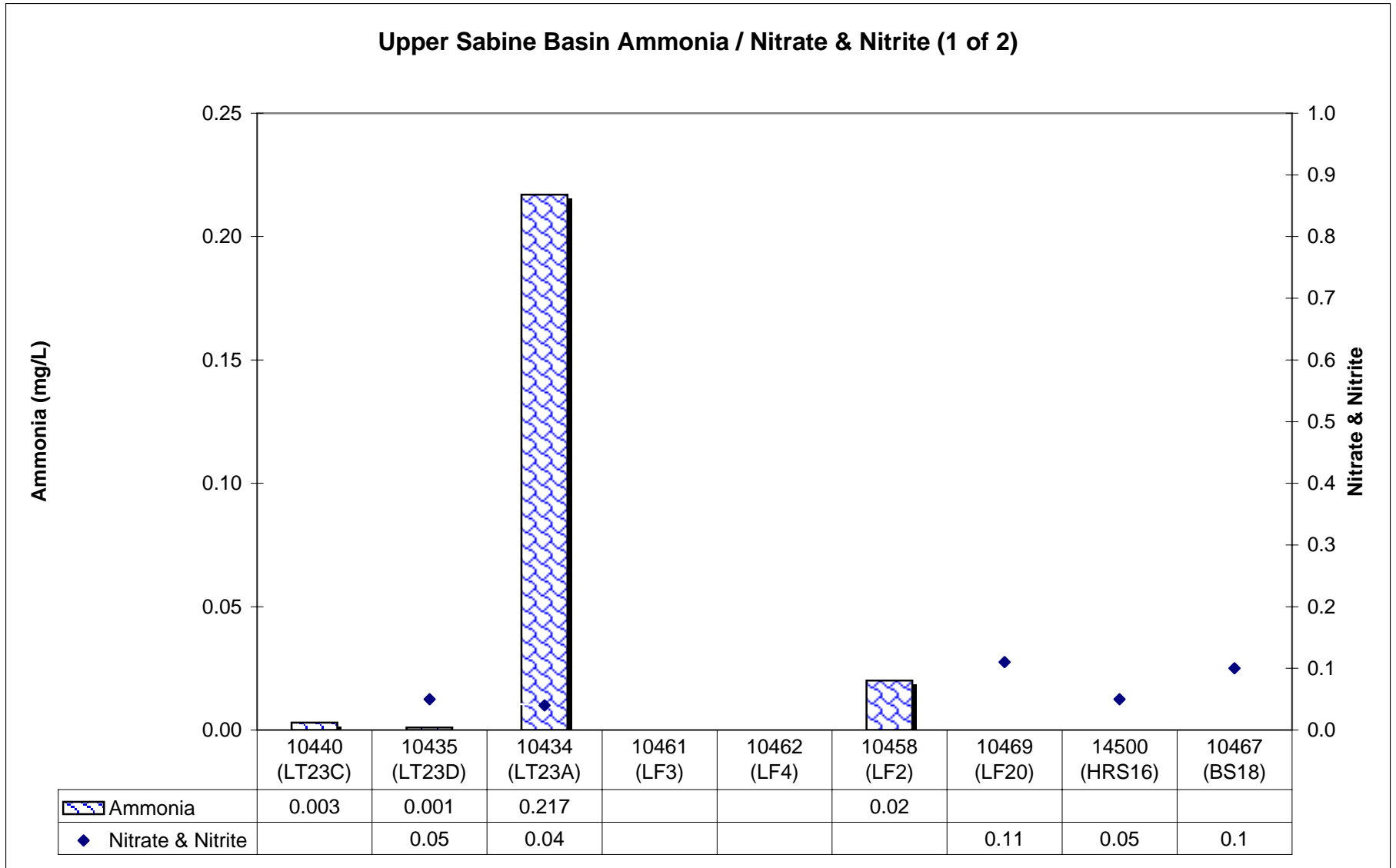
September 2000



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

SABINE RIVER AUTHORITY OF TEXAS

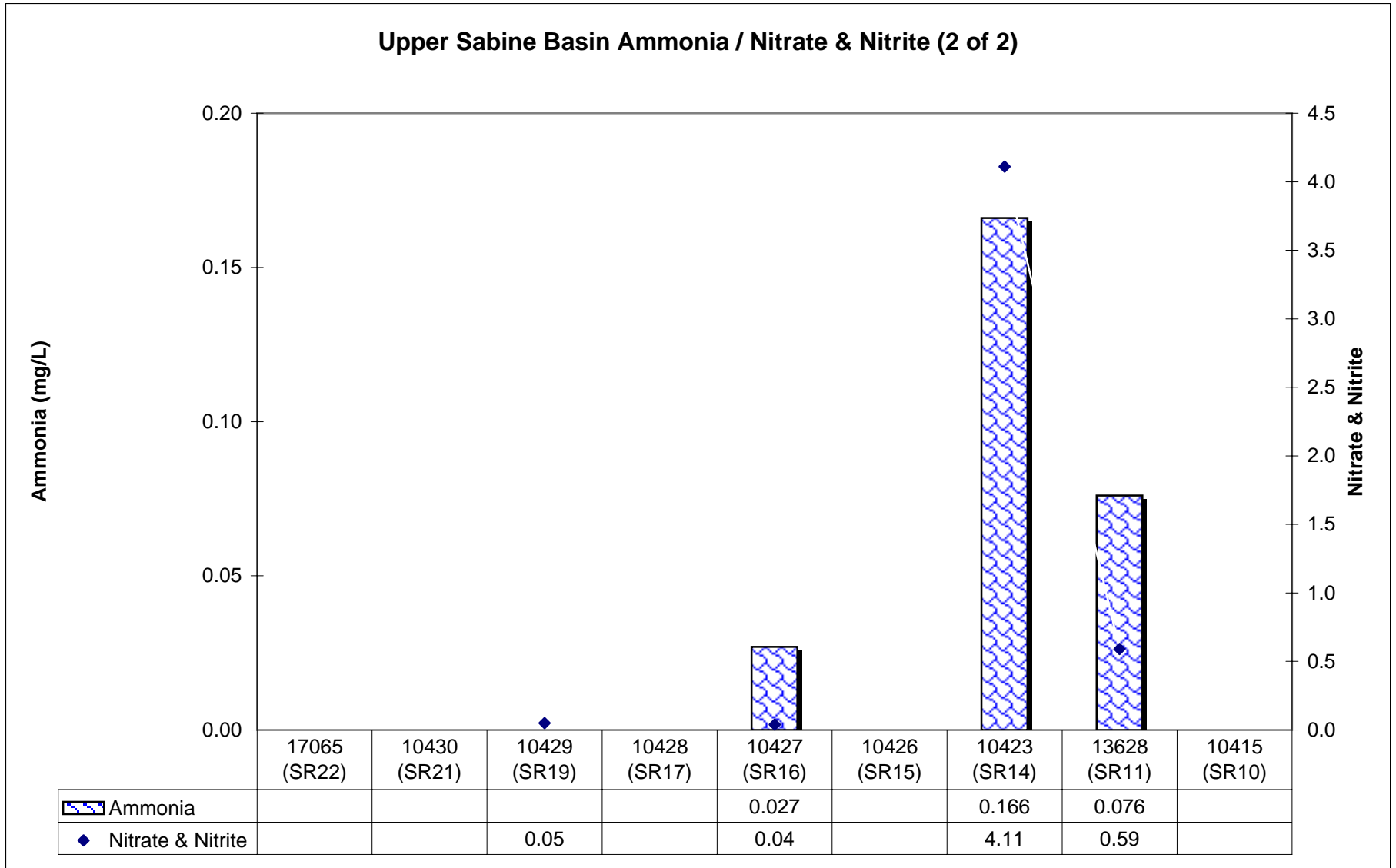
September 2000



Stations without values were below detection limit on this run (see page 2).

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Stations without values were below detection limit on this run (see page 2).

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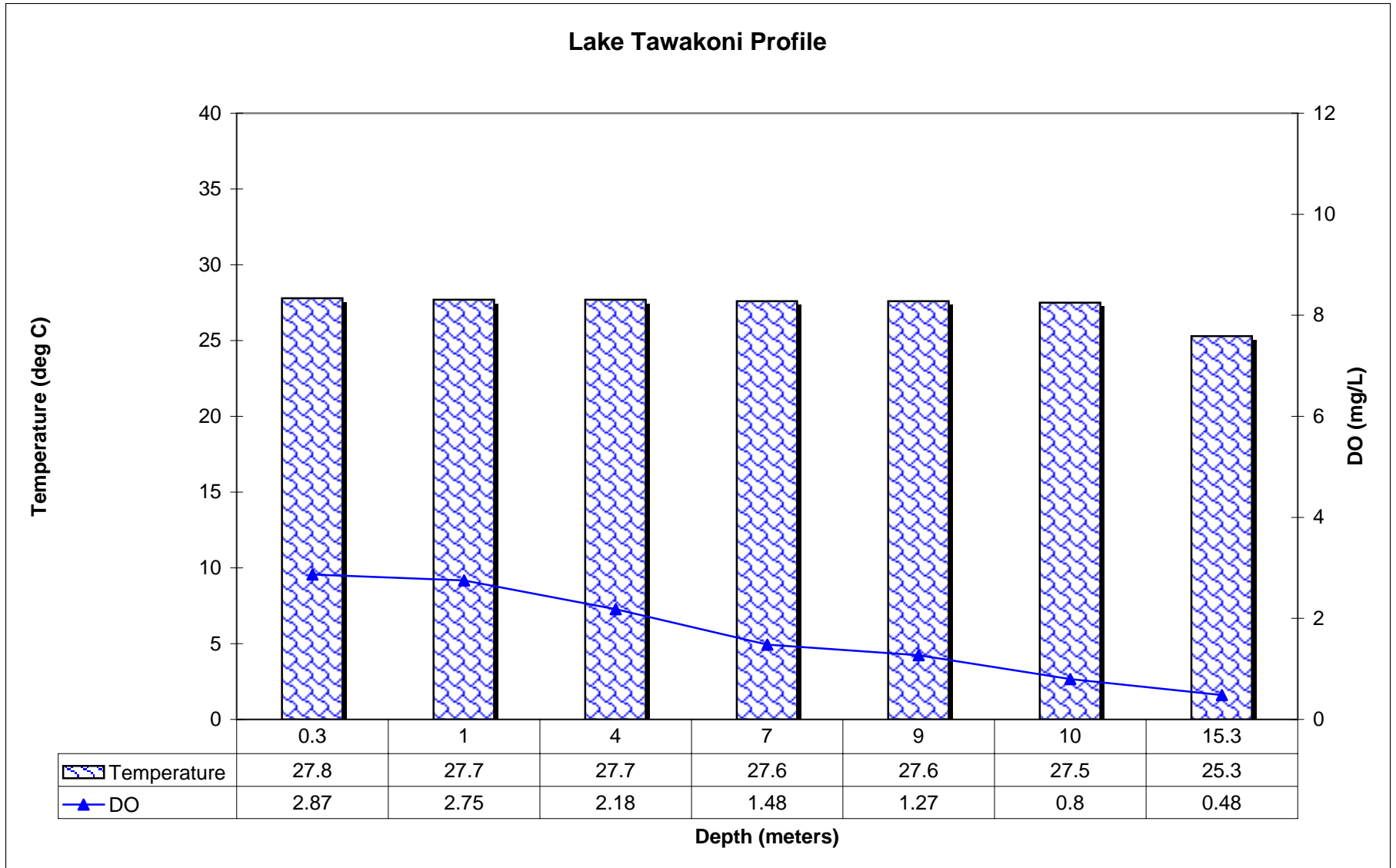
Upper Basin Profiles

September 2000

Date	SW ID	Station	Depth Meters	Temperature	pH	DO	%	Conductivity
				°C 00010	Units 00400	mg/L 00300	Saturation 00301	µS/cm 00094
9/12/00 11:53 AM	7.00	10440 (LT23C)	0.3	29.2	8.47	7.4	96.8	182
			1	29.2	8.41	7.2	93.7	182
			3.97	28.9	8.1	6.17	79.2	183
9/12/00 11:02 AM	7.00	10435 (LT23D)	0.3	28.7	8.08	6.76	87.3	185
			1	28.7	8.06	6.69	87.5	186
			2	28.7	7.97	7.11	91.9	187
			3	28.6	7.99	6.93	89.8	187
			5	28.4	7.53	5.64	72.3	195
			6	28.3	7.45	4.4	56	197
			7.11	28.3	7.47	4.18	51.6	197
9/12/00 9:54 AM	7.00	10434 (LT23A)	0.3	27.8	7.01	2.87	36.6	199
			1	27.7	6.99	2.75	34.8	199
			4	27.7	6.94	2.18	27.8	200
			7	27.6	6.88	1.48	18.8	200
			9	27.6	6.82	1.27	16.1	201
			10	27.5	6.73	0.8	10	202
			15.3	25.3	6.37	0.48	6	297
9/12/00 8:37 AM	6.12	10461 (LF3)	0.3	28.6	6.61	5.75	74.2	156
			1	28.6	6.63	5.66	73.1	156
			5	28.6	6.56	5.31	68.7	156
			6	28.5	6.42	4.67	60.7	157
			7	28.3	6.35	1.49	19.2	161
			8	28.2	6.2	0.69	8.8	162
			9.25	28	6.14	0.48	6.1	169
9/12/00 9:00 AM	6.12	10462 (LF4)	0.3	28.9	6.75	5.24	68	149
			1	28.9	6.77	5.21	67.6	149
			5	28.9	6.71	5.16	66.8	149
			9	28.8	6.62	5.03	65.1	149
			10.7	28.6	6.5	4.61	59.2	150
9/12/00 7:51 AM	6.12	10458 (LF2)	0.3	28.3	6.66	5.51	70.8	150
			1	28.3	6.61	5.47	70.3	150
			4	28.3	6.6	5.14	65.9	150
			5	28.2	6.61	4.65	59.6	150
			6	28	6.51	3.93	50.2	151
			7	27.8	6.13	1.76	22.7	154
			8	27.1	5.98	0.5	6.3	170
			10	25	5.84	0.44	5.4	177
			16.8	18.1	5.75	0.28	3	234

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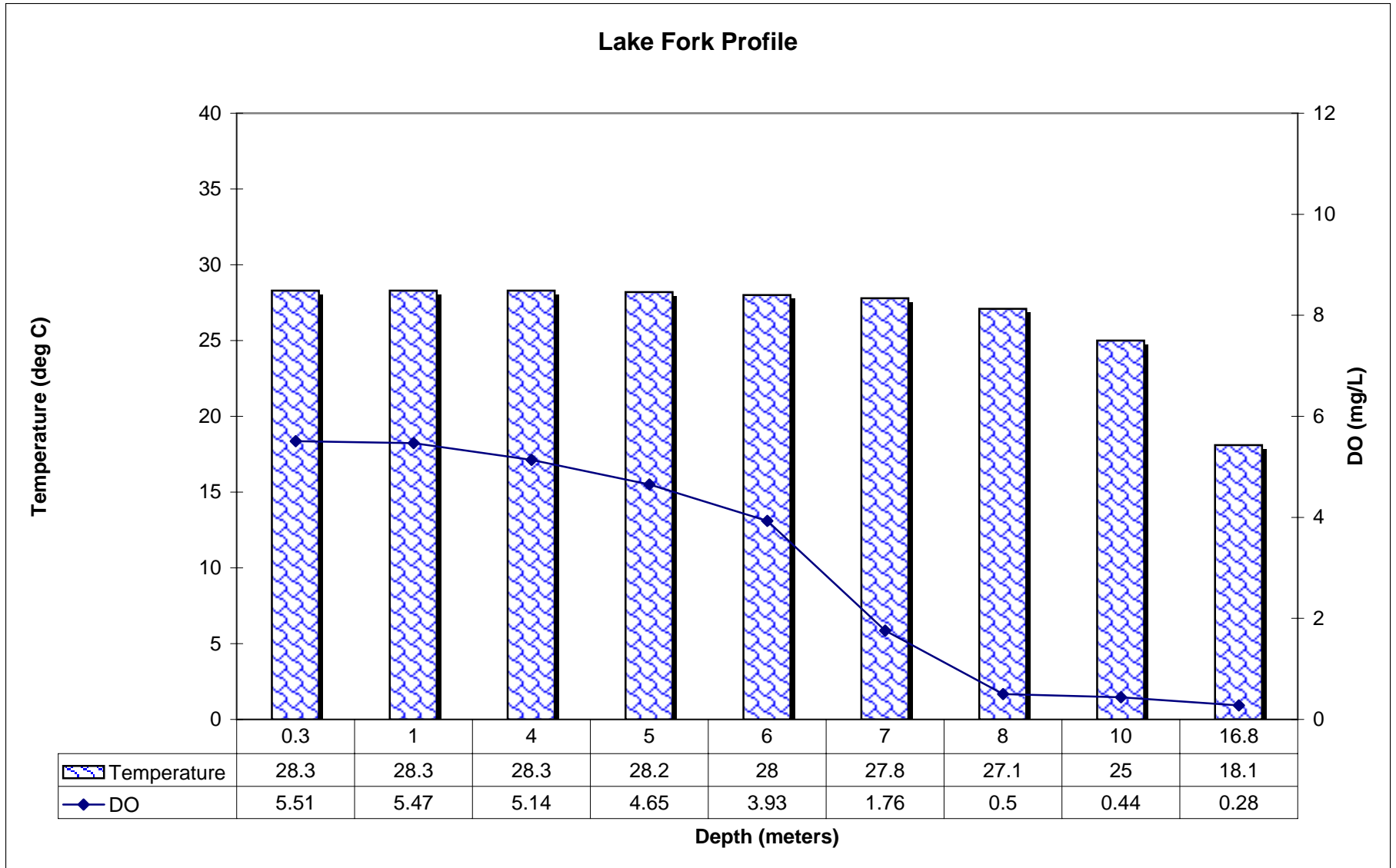
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For Station 10434 (LT23A): LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM IN THE OLD RIVER CHANNEL

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September 2000



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Lake Tawakoni Weather and Reservoir Data

September 2000

Date	Lake Elev	LE - TOP	Releases inst	Max Temp	Min Temp	Rainfall	Evap
09/01/2000	436.21	(1.29)	5	109	76	0.00	0.39
09/02/2000	436.19	(1.31)	5	110	76	0.00	0.40
09/03/2000	436.14	(1.36)	5	108	75	0.12	0.41
09/04/2000	436.12	(1.38)	5	110	76	0.00	0.52
09/05/2000	436.06	(1.44)	5	112	77	0.00	0.50
09/06/2000	436.02	(1.48)	5	98	67	0.00	0.39
09/07/2000	435.97	(1.53)	5	94	73	0.00	0.37
09/08/2000	435.92	(1.58)	5	94	70	0.00	0.42
09/09/2000	435.88	(1.62)	5	89	70	0.00	0.06
09/10/2000	435.84	(1.66)	5	92	73	0.00	0.26
09/11/2000	435.81	(1.69)	5	100	73	0.00	0.35
09/12/2000	435.79	(1.71)	5	100	75	0.00	0.49
09/13/2000	435.76	(1.74)	5	100	68	0.86	0.00
09/14/2000	435.74	(1.76)	5	90	71	0.00	0.22
09/15/2000	435.74	(1.76)	5	96	71	0.00	0.45
09/16/2000	435.64	(1.86)	5	96	59	0.00	0.28
09/17/2000	435.59	(1.91)	5	87	52	0.00	0.38
09/18/2000	435.55	(1.95)	5	88	53	0.00	0.28
09/19/2000	435.50	(2.00)	5	93	53	0.00	0.31
09/20/2000	435.44	(2.06)	5	93	60	0.00	0.31
09/21/2000	435.42	(2.08)	5	95	68	0.00	0.36
09/22/2000	435.38	(2.12)	5	91	70	0.00	0.25
09/23/2000	435.34	(2.16)	5	94	73	0.00	0.25
09/24/2000	435.32	(2.18)	5	98	76	0.00	0.30
09/25/2000	435.42	(2.08)	5	84	51	0.38	0.13
09/26/2000	435.24	(2.26)	5	63	45	0.00	0.31
09/27/2000	435.18	(2.32)	5	73	45	0.00	0.14
09/28/2000	435.15	(2.35)	5	82	47	0.00	0.25
09/29/2000	435.12	(2.38)	5	85	48	0.00	0.23
09/30/2000	435.07	(2.43)	5	84	54	0.00	0.34
Avg or Tot	435.65	(1.85)	5	94	65	1.36	9.35

	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.					

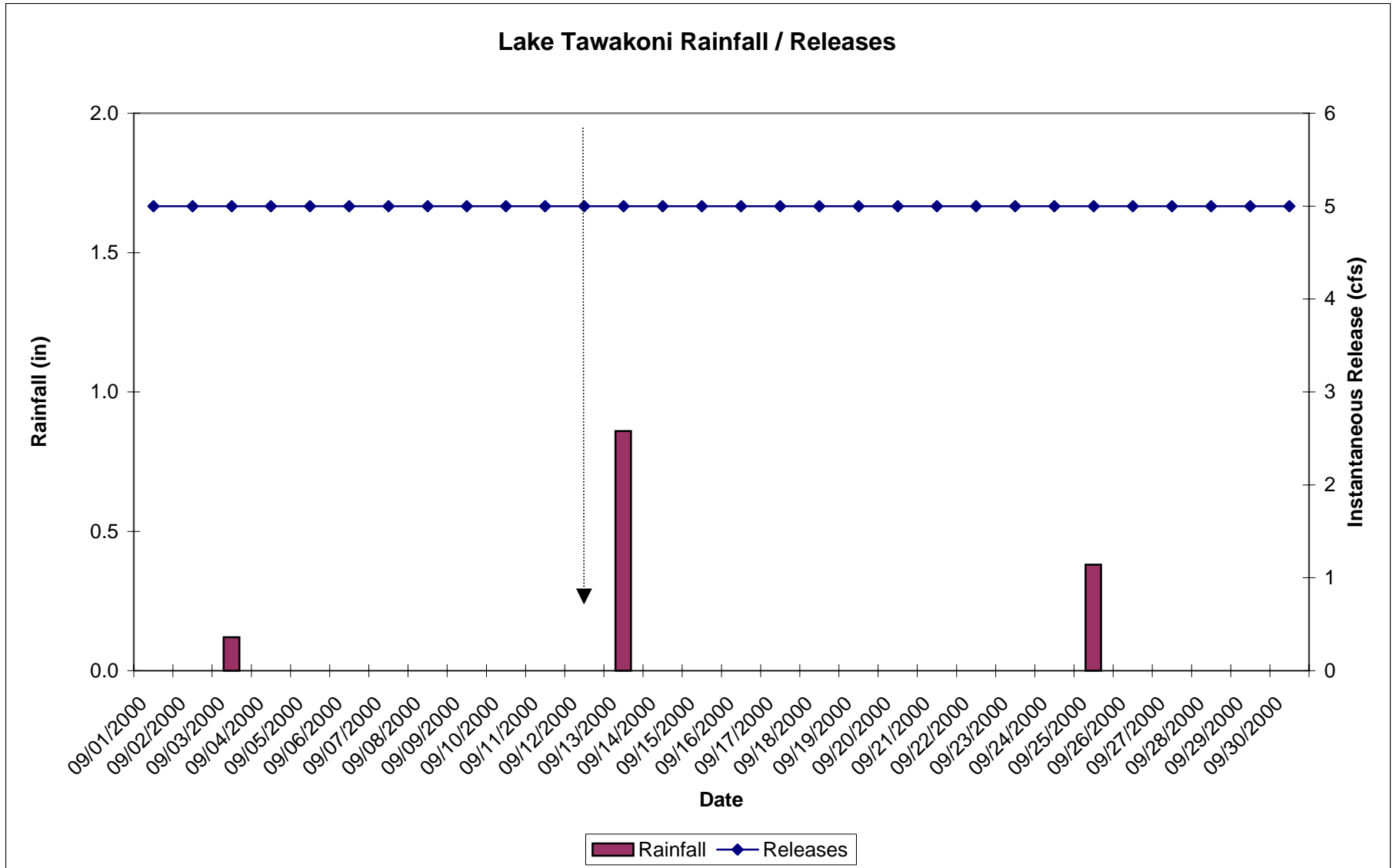
NR: No Reading

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

Lake Tawakoni Sampled on 9/12/2000

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September 2000



Please Note : Lake Tawakoni has an uncontrolled spillway.

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Lake Fork Weather and Reservoir Data

September 2000

Date	Lake Elev	LE - TOP	Releases avg	Releases cur	Max Temp	Min Temp	Rainfall	Evap
09/01/2000	401.74	(1.26)	50	50	107	75	0.00	0.26
09/02/2000	401.69	(1.31)	50	50	106	74	0.00	0.37
09/03/2000	401.69	(1.31)	50	50	106	74	0.00	0.41
09/04/2000	401.64	(1.36)	50	50	108	78	0.00	0.37
09/05/2000	401.64	(1.36)	50	50	110	76	0.00	0.50
09/06/2000	401.59	(1.41)	50	50	93	67	0.00	0.33
09/07/2000	401.54	(1.46)	50	50	92	70	0.00	0.28
09/08/2000	401.54	(1.46)	50	50	92	70	0.00	0.41
09/09/2000	401.49	(1.51)	50	50	86	70	0.00	0.20
09/10/2000	401.44	(1.56)	50	50	90	72	0.00	0.18
09/11/2000	401.44	(1.56)	50	50	97	74	0.00	0.24
09/12/2000	401.39	(1.61)	50	50	96	76	0.00	0.40
09/13/2000	401.39	(1.61)	50	50	90	68	0.00	0.36
09/14/2000	401.39	(1.61)	50	50	92	70	0.00	0.22
09/15/2000	401.34	(1.66)	50	50	96	70	0.00	0.30
09/16/2000	401.29	(1.71)	50	50	92	60	0.00	0.36
09/17/2000	401.29	(1.71)	50	50	86	65	0.00	0.30
09/18/2000	401.24	(1.76)	50	50	86	51	0.00	0.36
09/19/2000	401.19	(1.81)	50	50	92	58	0.00	0.33
09/20/2000	401.19	(1.81)	50	50	92	64	0.00	0.27
09/21/2000	401.14	(1.86)	50	50	94	72	0.00	0.30
09/22/2000	401.09	(1.91)	50	50	88	72	0.00	0.35
09/23/2000	401.09	(1.91)	50	50	90	74	0.00	0.21
09/24/2000	401.09	(1.91)	50	50	96	78	0.00	0.31
09/25/2000	401.19	(1.81)	50	50	86	67	1.16	0.00
09/26/2000	401.09	(1.91)	50	50	62	48	0.00	0.23
09/27/2000	401.04	(1.96)	50	50	72	48	0.00	0.21
09/28/2000	401.04	(1.96)	50	50	80	50	0.00	0.28
09/29/2000	400.99	(2.01)	50	50	84	52	0.00	0.28
09/30/2000	400.99	(2.01)	48	48	83	52	0.00	0.31
Avg or Tot	401.33	(1.67)	50	50	91	67	1.16	8.93

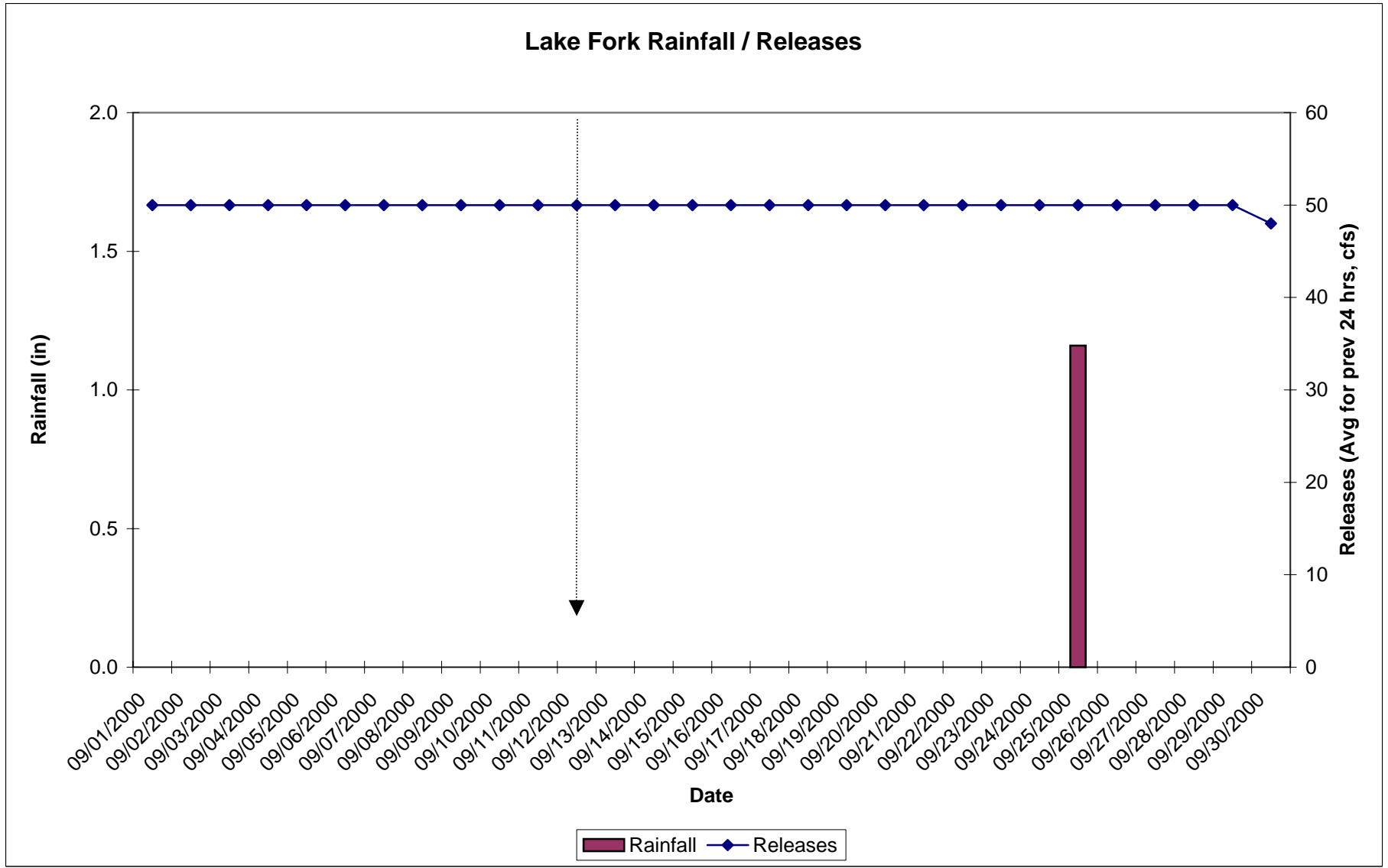
Units	Avg Feet M.S.L.	Avg Feet	Avg cfs Previous 24 hrs	cfs	Avg Deg F	Avg Deg F	Tot Inches	Tot Inches
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TOP: Top of Pool = 403 Feet M.S.L.

Lake Fork Sampled on 9/12/2000

SABINE RIVER AUTHORITY OF TEXAS

September 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

September 2000

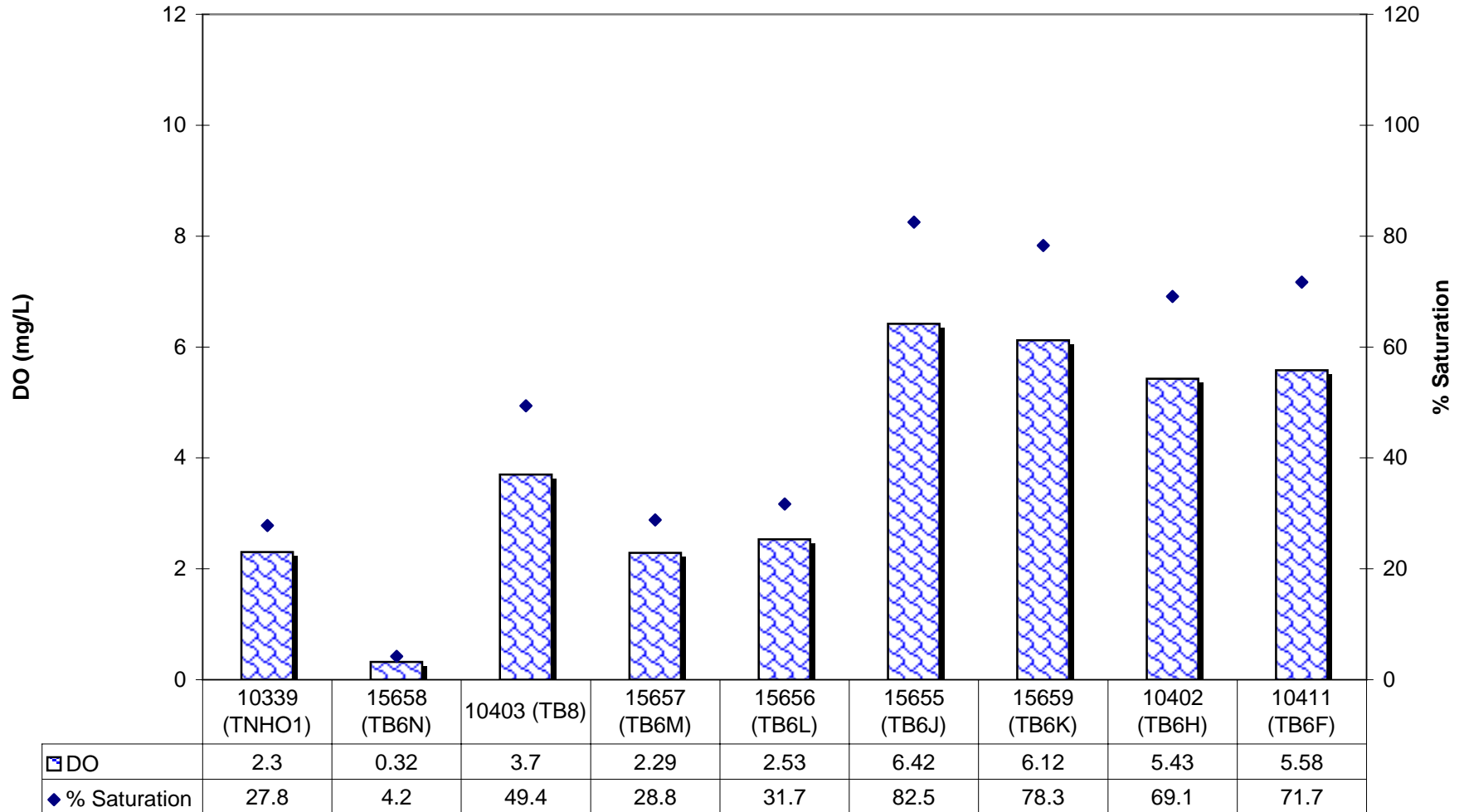
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	Fecal Coliform 31616	Fecal Strep 31673	Chlorophyll a µg/L 32211	Ammonia mg/L 00610	Nitrate & Nitrite 00630	Ortho- Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
9/13/00 12:12 PM	4.14	10339 (TNHO1)	25.3	7.25	2.3	27.8	997	*	> 0.57	16.7	860	*	*	0.142	0.63	29.4	8	148	72	120	137
9/13/00 12:50 PM	4.10	15658 (TB6N)	25.2	7.76	0.32	4.2	1573	*	0.35	24.1	780	580	*	< 0.001	0.08	13.4	30	593	60	130	11.2
9/13/00 11:37 AM	4.00	10403 (TB8)	29.4	7.14	3.7	49.4	565	*	0.61	13.1	45	*	*	0.046	< 0.02	< 0.02	6	111	84	63	60.6
9/13/00 1:15 PM	4.00	15657 (TB6M)	27.1	6.65	2.29	28.8	162	*	1.06	5.4	< 4	*	*	< 0.001	0.03	< 0.02	11	40	36	20	*
9/13/00 1:00 PM	4.00	15656 (TB6L)	27	6.68	2.53	31.7	186	*	0.42	36.5	38	*	*	0.079	0.22	< 0.02	12	43	36	24.9	*
9/13/00 10:25 AM	4.00	15655 (TB6J)	28.3	7.51	6.42	82.5	195	*	0.84	8.02	5	*	*	0.004	0.21	< 0.02	7	36	44	27.8	17.6
9/13/00 12:28 PM	4.00	15659 (TB6K)	28.2	7.1	6.12	78.3	184	*	0.92	5.72	9	*	*	< 0.001	0.09	< 0.02	8	36	44	22.9	15.6
9/13/00 11:15 AM	4.00	10402 (TB6H)	28.4	7.25	5.43	69.1	190	*	1.94	3.25	< 2	*	13.6	0.074	0.32	< 0.02	8	37	48	27	16
9/13/00 10:53 AM	4.00	10411 (TB6F)	28.2	7.21	5.58	71.7	168	*	1.19	5.97	5	*	18.4	0.014	0.02	< 0.02	6	34	40	17.8	12.8
9/13/00 9:45 AM	4.00	10407 (TB6CN)	28.3	7.28	6.18	79.3	151	*	1.32	3.16	9	*	*	0.005	0.06	< 0.02	8	31	36	17	12.3
9/13/00 10:25 AM	4.00	10404 (TB6A)	28.6	7.47	6.3	81.1	156	*	2.4	0.95	4	*	7.2	< 0.001	< 0.02	< 0.02	5	28	36	15.2	14
9/13/00 1:43 PM	3.03	10340 (BA4)	27.6	7.6	7.16	91	679	*	0.36	28	> 240	152	*	0.016	0.35	0.1	10	78	44	60.4	145
9/13/00 11:00 AM	3.00	10401 (TB6S)	28.1	7.63	7.7	98.5	156	*	> 2	1.58	> 120	*	*	< 0.001	< 0.02	< 0.02	5	28	36	15	13.9
9/13/00 11:19 AM	3.00	10400 (TB6)	25.4	6.92	2.95	35.6	155	*	> 0.9	1.94	2	*	*	0.016	0.04	< 0.02	5	30	36	14.1	13
9/13/00 1:06 PM	3.00	10399 (SR5)	27.8	7.21	5.86	74.6	153	*	1.6	2.16	72	*	*	0.023	0.02	< 0.02	6	28	40	14.7	13.6
9/13/00 2:08 PM	3.00	10398 (SR3)	28.7	7.45	6.88	89.1	152	*	0.57	10.3	44	*	*	0.031	0.22	< 0.02	5	28	36	14.8	13.8
9/13/00 9:09 AM	2.05	10465 (BCC1)	25.3	7.07	7.04	85.7	48	*	> 0.5	10.4	64	*	*	< 0.001	0.04	< 0.02	4	11	16	4.3	
9/13/00 8:30 AM	2.00	10397 (SR2)	28.6	7.33	6.6	85	160	*	0.6	16.5	120	*	*	< 0.001	< 0.02	< 0.02	5	29	32	15.5	15.5

*: Not sampled on this run

SABINE RIVER AUTHORITY OF TEXAS

September 2000

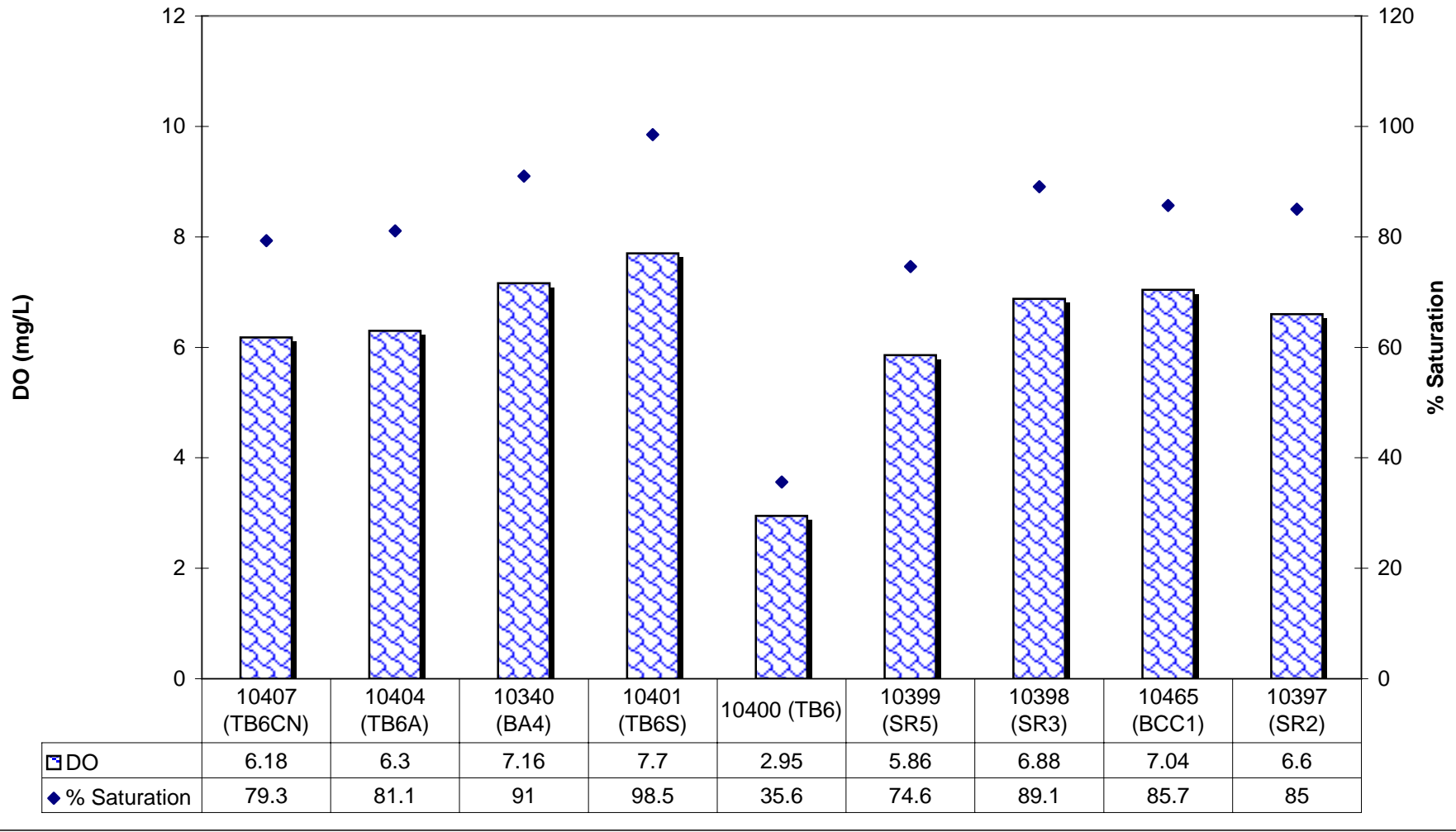
Lower Sabine Basin DO / % Saturation (1 of 2)



SABINE RIVER AUTHORITY OF TEXAS

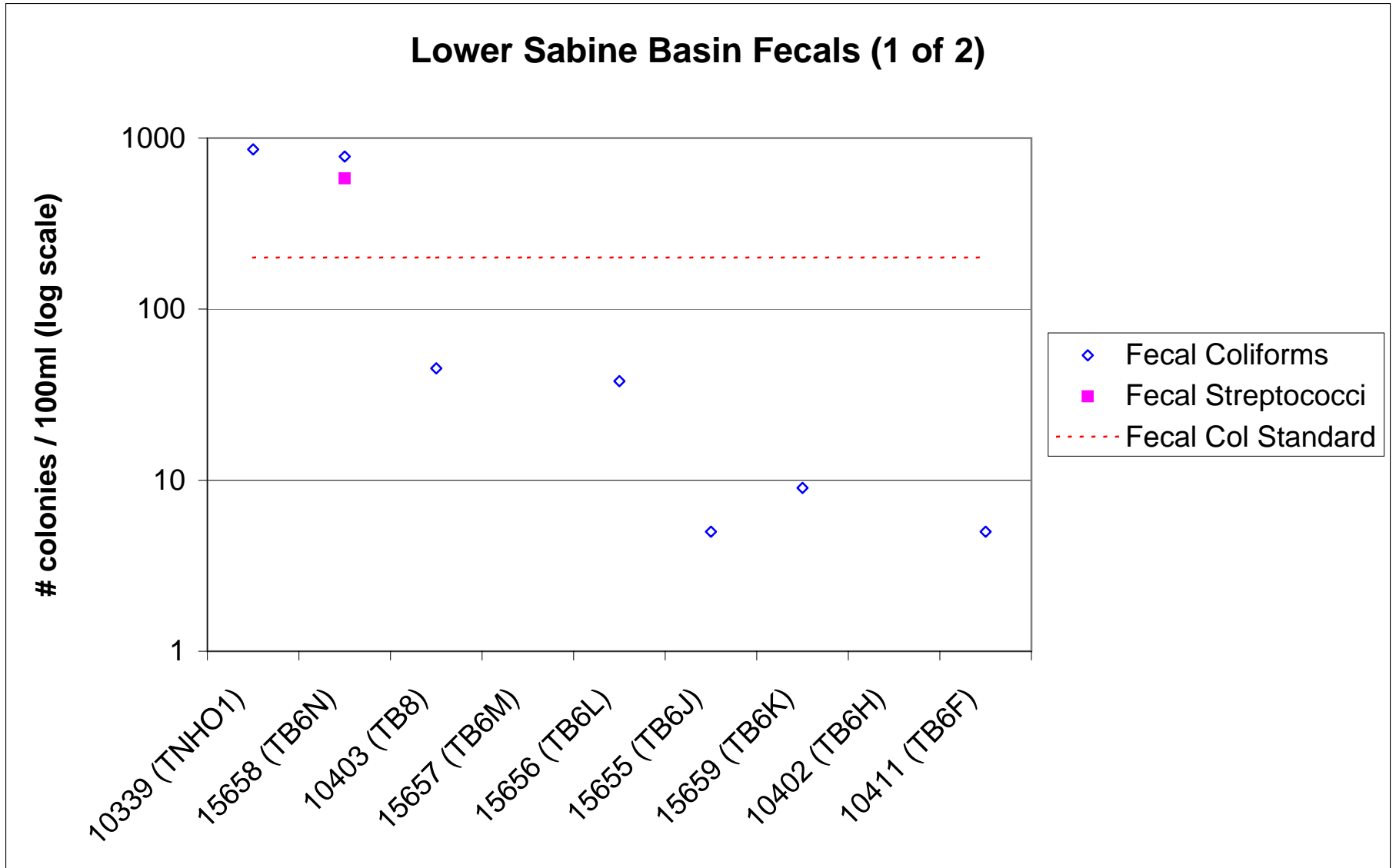
September 2000

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



SABINE RIVER AUTHORITY OF TEXAS

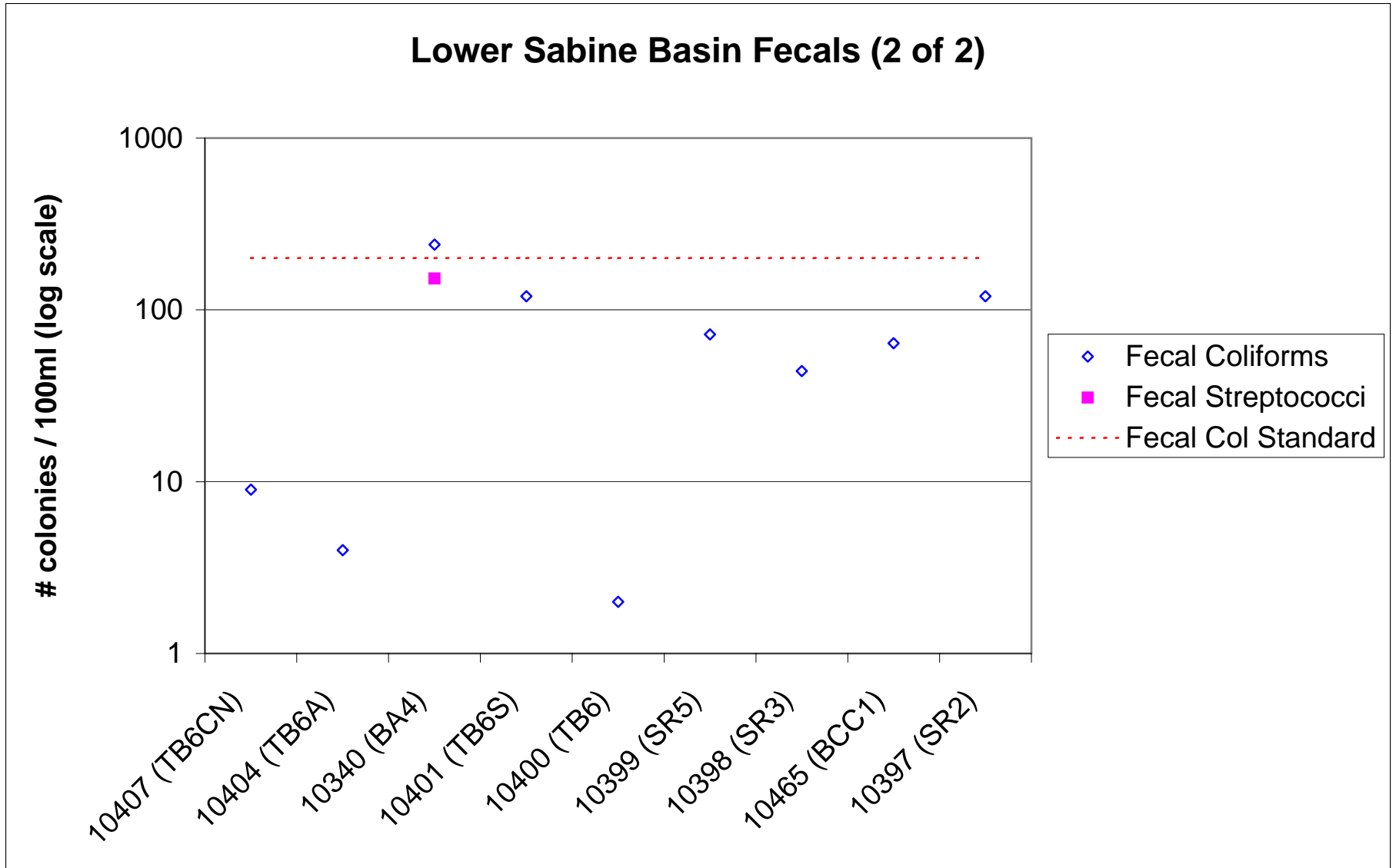
September 2000



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

SABINE RIVER AUTHORITY OF TEXAS

September 2000

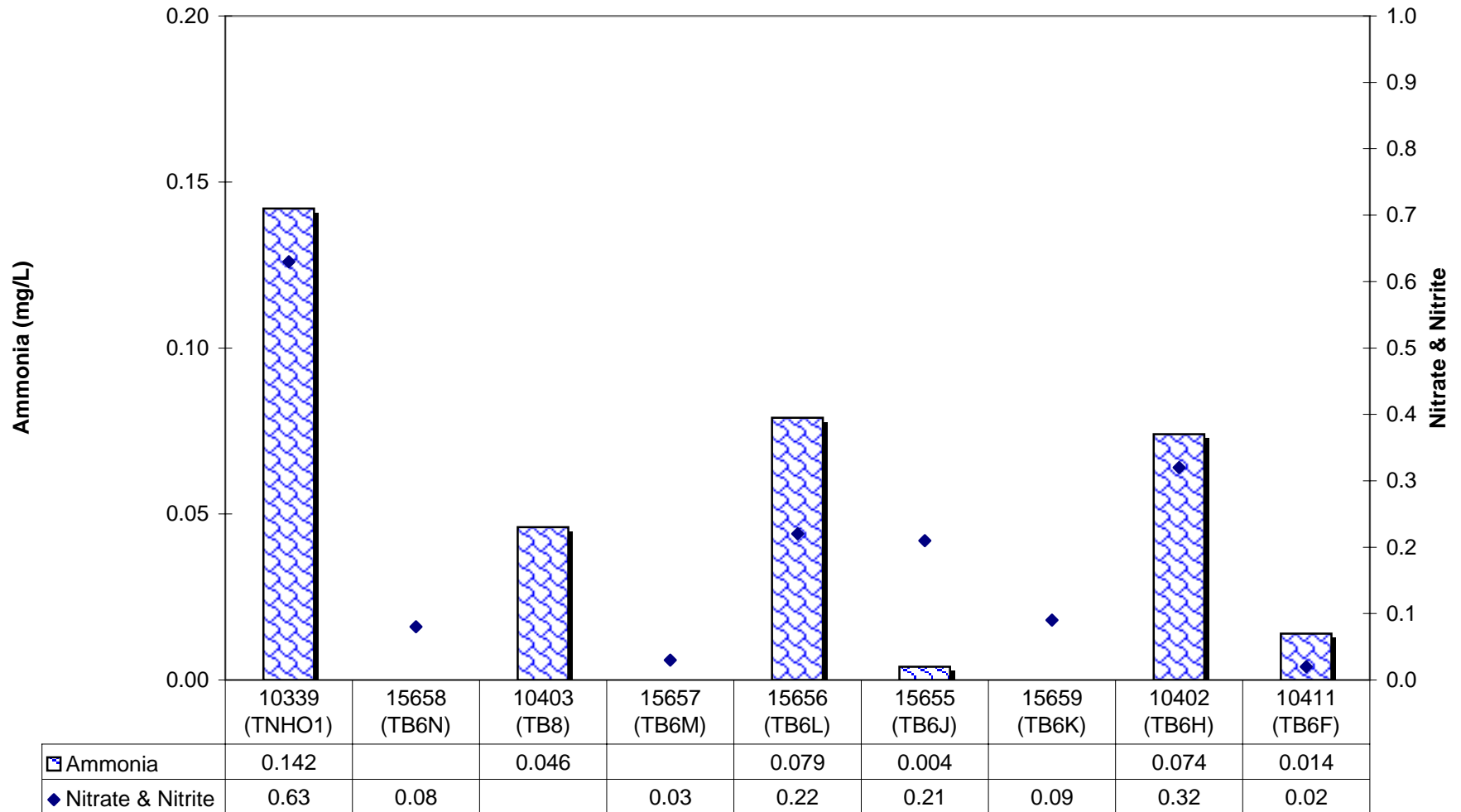


Stations without values were below detection limit or not sampled on this run (see page 18).

SABINE RIVER AUTHORITY OF TEXAS

September 2000

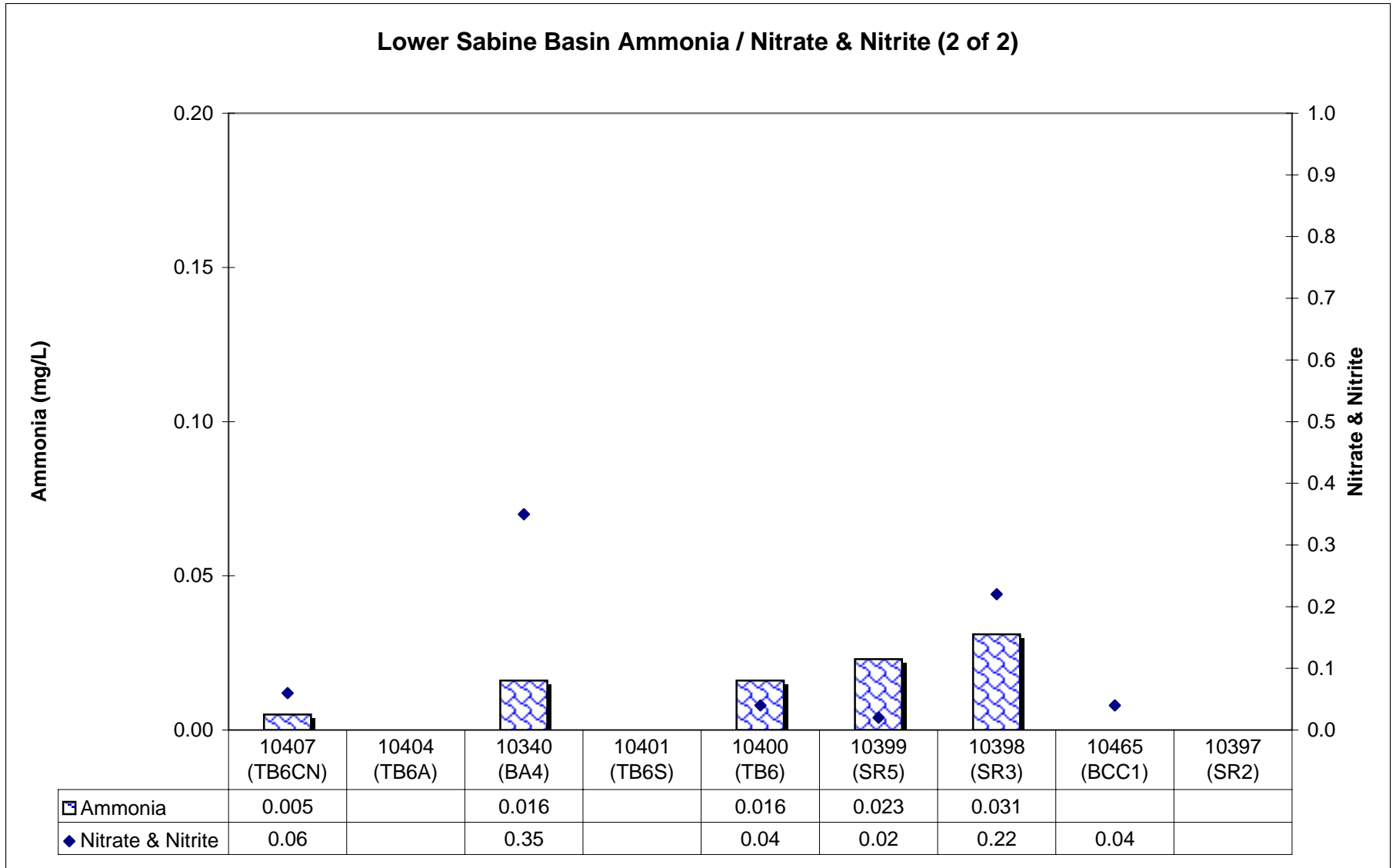
Lower Sabine Basin Ammonia / Nitrate & Nitrite (1 of 2)



Stations without values were below detection limit on this run (see page 18).

SABINE RIVER AUTHORITY OF TEXAS

September 2000



Stations without values were below detection limit on this run (see page 18).

SABINE RIVER AUTHORITY OF TEXAS

Lower Basin Profiles

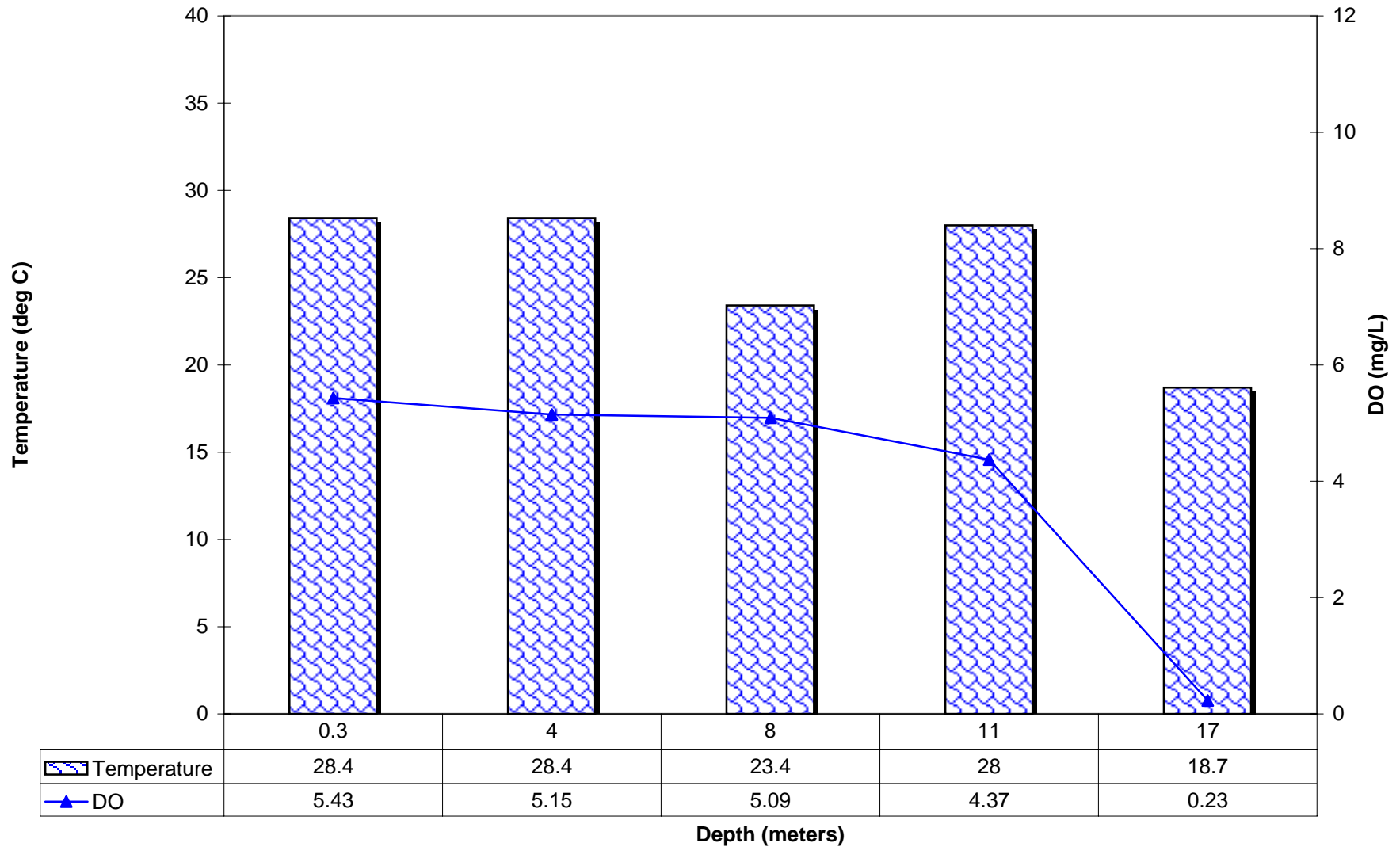
September 2000

Date	SW ID	Station	Depth Meters	Temperature	pH	DO	%	Conductivity
				°C 00010	Units 00400	mg/L 00300	Saturation 00301	µS/cm 00094
9/13/00 11:37 AM	4.00	10403 (TB8)	0.3	29.4	7.14	3.7	49.4	565
			3	29.3	7.13	2.94	38.4	564
			6.02	29.2	7.15	2.7	35.2	561
			8	29.1	7.13	3.25	42.3	559
			10.2	29	7.16	3	39	557
9/13/00 1:15 PM	4.00	15657 (TB6M)	0.3	27.1	6.65	2.29	28.8	162
			3.1	25.6	6.51	1.08	12.7	241
9/13/00 1:00 PM	4.00	15656 (TB6L)	0.3	27	6.68	2.53	31.7	186
			0.3	28.3	7.51	6.42	82.5	195
			3.9	28.3	7.5	6.23	80.1	193
9/13/00 12:28 PM	4.00	15659 (TB6K)	0.3	28.2	7.1	6.12	78.3	184
			1.5	28.2	7.1	5.6	71.9	183
			2.5	28.1	7.03	4.36	55.8	186
			6	28.1	7.02	4.29	55.1	185
			9	28.1	7.07	4.03	51.7	186
9/13/00 11:15 AM	4.00	10402 (TB6H)	0.3	28.4	7.25	5.43	69.1	190
			4	28.4	7.25	5.15	65.8	190
			8	23.4	7.21	5.09	65.7	190
			11	28	7.03	4.37	56.3	186
			17	18.7	6.79	0.23	24	192
9/13/00 10:53 AM	4.00	10411 (TB6F)	0.3	28.2	7.21	5.58	71.7	168
			4.5	28.2	7.2	5.34	68	168
9/13/00 9:45 AM	4.00	10407 (TB6CN)	0.3	28.3	7.28	6.18	79.3	151
			3	27.6	6.92	4.01	51.5	148
			5.9	27.2	6.99	3.22	40.1	151
9/13/00 10:25 AM	4.00	10404 (TB6A)	0.3	28.6	7.47	6.3	81.1	156
			1.5	28.6	7.45	6.25	80.8	157
			3	28.6	7.41	6.27	79.8	157
			6	28.5	7.3	5.94	77.7	156
			8	27.9	7.08	3.08	39.4	156
			10	25	6.88	0.21	2.4	156
			12	22	6.81	0.23	2.6	149
			16	18.6	6.78	0.28	2.8	154
			20	17.6	6.8	0.33	3.3	157
			27.9	16	6.87	0.5	4.9	167
9/13/00 1:06 PM	3.00	10399 (SR5)	0.3	27.8	7.21	5.86	74.6	153
			2.3	27.8	7.25	5.71	72.6	152
9/13/00 2:08 PM	3.00	10398 (SR3)	0.3	28.7	7.45	6.88	89.1	152
			3.1	28.7	7.48	6.91	88.4	152
9/13/00 8:30 AM	2.00	10397 (SR2)	0.3	28.6	7.33	6.6	85	160
			2.5	28.6	7.37	6.53	84.4	160

SABINE RIVER AUTHORITY OF TEXAS

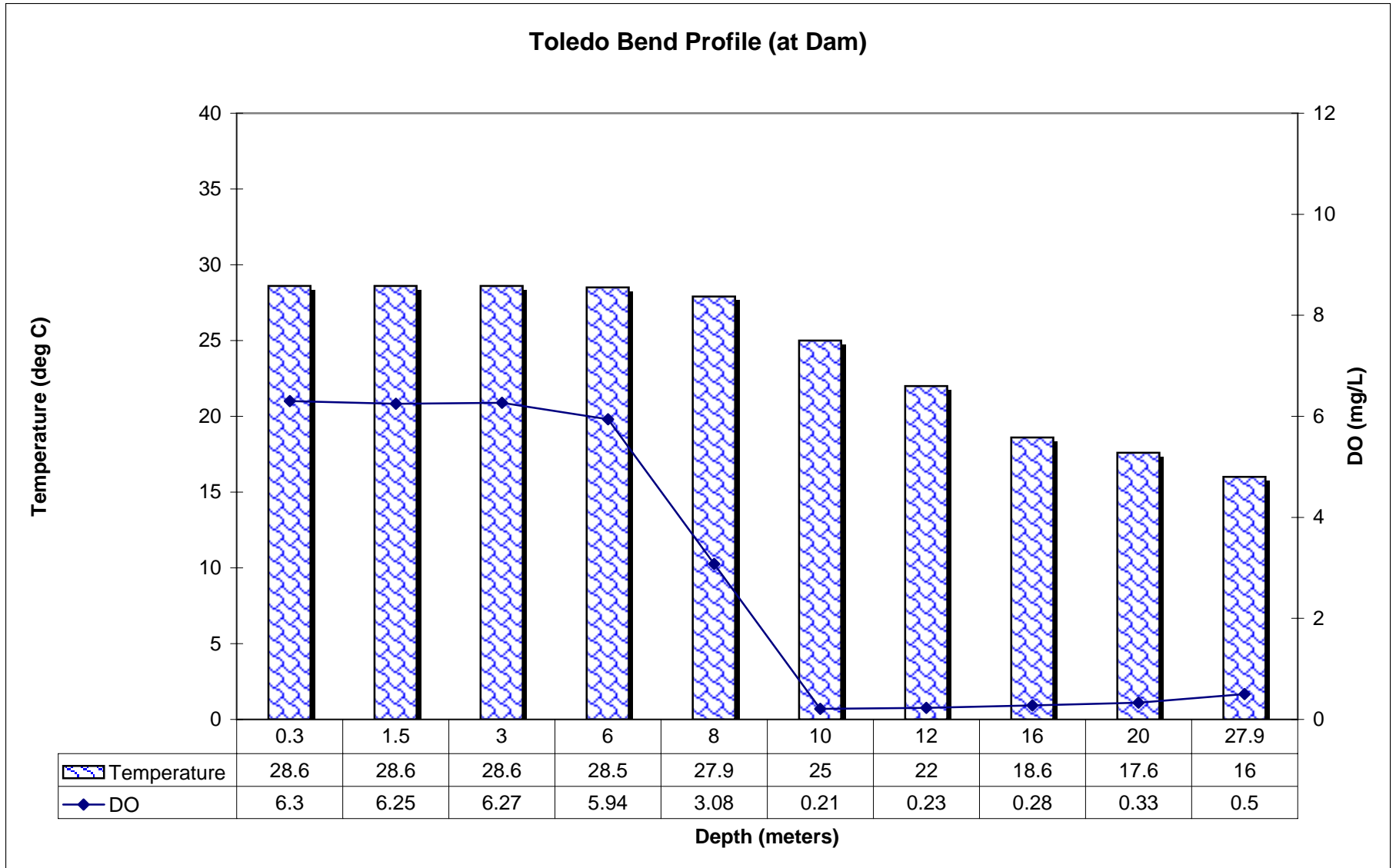
September 2000

Toledo Bend Profile (at Pendleton Bridge)



SABINE RIVER AUTHORITY OF TEXAS

September 2000



SABINE RIVER AUTHORITY OF TEXAS

Toledo Bend Weather and Reservoir Data

September 2000

Date	Lake Elev	LE - TOP	Max Temp	Min Temp	Rainfall	Evaporation	Daily Releases cfs	Daily Releases ac ft	Current Release
09/01/2000	168.64	(3.36)	100	71	0.00	0.36	3704	7347	460
09/02/2000	168.57	(3.43)	102	69	0.07	0.20	160	317	460
09/03/2000	168.57	(3.43)	99	70	0.00	0.32	160	317	460
09/04/2000	168.56	(3.44)	103	69	0.00	0.38	160	317	460
09/05/2000	168.55	(3.45)	108	69	0.00	0.38	7444	14765	460
09/06/2000	168.40	(3.60)	102	69	0.00	0.57	12357	24510	15000
09/07/2000	168.24	(3.76)	95	69	0.00	0.34	3980	7894	460
09/08/2000	168.16	(3.84)	83	68	0.00	0.24	3856	7648	460
09/09/2000	168.14	(3.86)	82	69	0.43	0.04	160	317	460
09/10/2000	168.10	(3.90)	93	73	0.04	0.18	160	317	460
09/11/2000	167.99	(4.01)	93	73	0.00	0.20	3806	7549	460
09/12/2000	168.00	(4.00)	95	71	0.02	0.17	3834	7605	460
09/13/2000	167.95	(4.05)	92	71	0.85	0.20	3882	7700	460
09/14/2000	167.93	(4.07)	84	71	0.13	0.11	3916	7767	460
09/15/2000	167.89	(4.11)	87	71	0.00	0.18	4049	8031	460
09/16/2000	167.80	(4.20)	87	60	0.00	0.31	5019	9955	460
09/17/2000	167.79	(4.21)	85	54	0.56	0.34	160	317	460
09/18/2000	167.69	(4.31)	87	56	0.00	0.27	3901	7738	460
09/19/2000	167.64	(4.36)	90	50	0.00	NR	3911	7757	460
09/20/2000	167.46	(4.54)	91	56	0.00	0.18	3854	7644	460
09/21/2000	167.56	(4.44)	92	73	0.05	0.20	3945	7825	460
09/22/2000	167.46	(4.54)	83	73	0.35	0.14	3981	7896	460
09/23/2000	167.43	(4.57)	90	73	0.43	0.17	160	317	460
09/24/2000	167.40	(4.60)	94	76	0.00	0.29	160	317	460
09/25/2000	167.71	(4.29)	94	60	0.07	0.33	3909	7753	460
09/26/2000	167.34	(4.66)	68	50	0.00	0.32	3935	7805	460
09/27/2000	167.26	(4.74)	74	46	0.00	0.22	3989	7912	460
09/28/2000	167.17	(4.83)	78	47	0.00	0.25	3881	7698	460
09/29/2000	167.09	(4.91)	85	48	0.00	NR	3886	7708	460
09/30/2000	167.04	(4.96)	83	50	0.00	NR	160	317	460
Avg or Tot	167.85	(4.15)	90	64	3.00	6.89	3216	191360	

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.

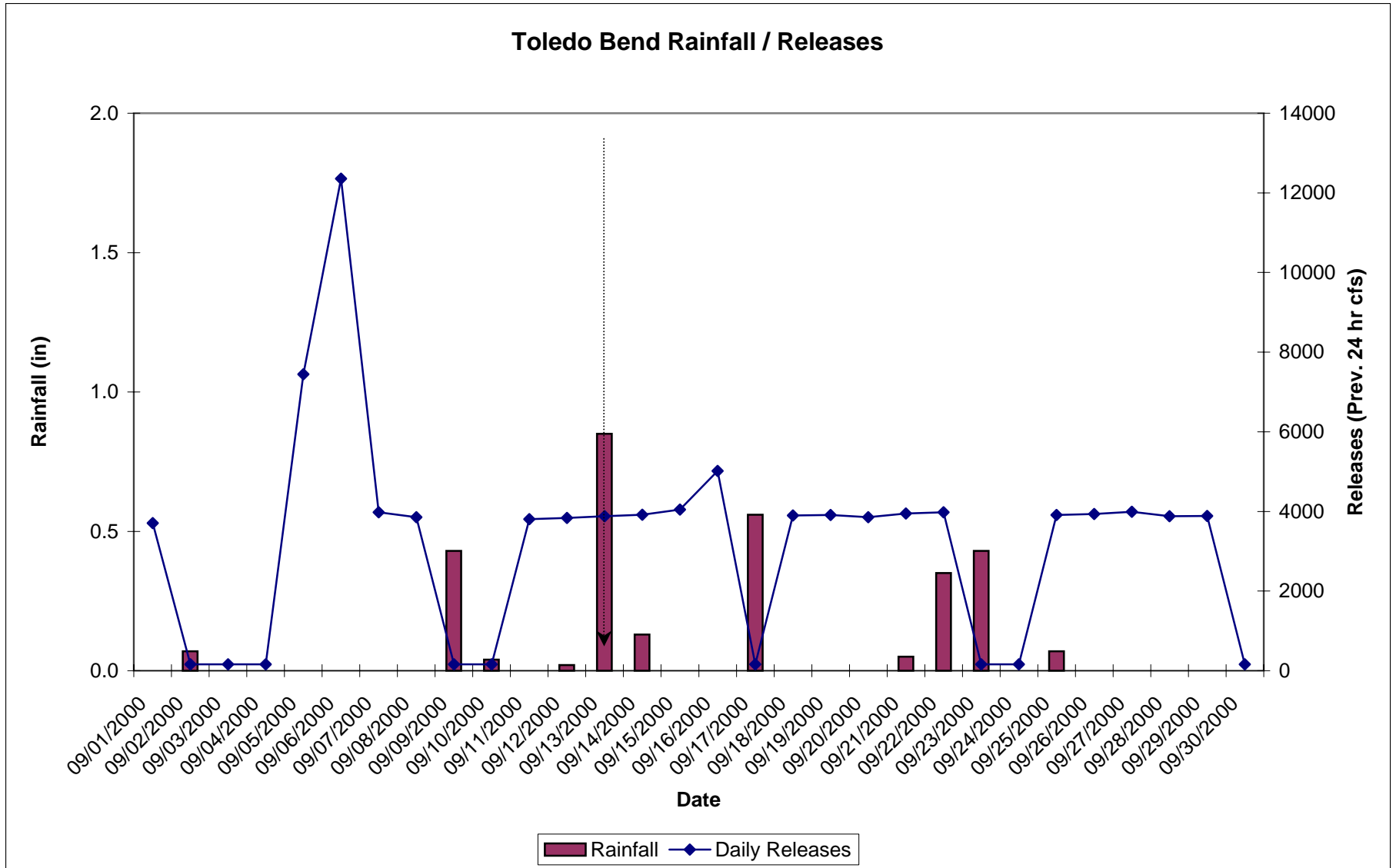
NR: No Reading

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

Toledo Bend Sampled on 9/13/2000

SABINE RIVER AUTHORITY OF TEXAS

September 2000



SABINE RIVER AUTHORITY OF TEXAS

Burkeville Weather and River Data

September 2000

Date	Rainfall	Gauge Height	GH - FS	Flow
09/01/2000	*	17.57	(23.43)	2996
09/02/2000	*	17.57	(23.43)	2996
09/03/2000	*	12.68	(28.32)	224
09/04/2000	*	12.45	(28.55)	169
09/05/2000	*	12.39	(28.61)	156
09/06/2000	*	24.77	(16.23)	11175
09/07/2000	*	18.07	(22.93)	3412
09/08/2000	*	17.40	(23.60)	2860
09/09/2000	*	17.24	(23.76)	2734
09/10/2000	*	12.77	(28.23)	248
09/11/2000	*	12.62	(28.38)	209
09/12/2000	*	17.10	(23.90)	2626
09/13/2000	*	17.85	(23.15)	3226
09/14/2000	*	17.64	(23.36)	3053
09/15/2000	*	17.23	(23.77)	2726
09/16/2000	*	17.46	(23.54)	2907
09/17/2000	*	12.65	(28.35)	216
09/18/2000	*	12.44	(28.56)	167
09/19/2000	*	17.00	(24.00)	2550
09/20/2000	*	16.55	(24.45)	2198
09/21/2000	*	17.40	(23.60)	2860
09/22/2000	*	17.42	(23.58)	2876
09/23/2000	*	17.43	(23.57)	2883
09/24/2000	*	12.69	(28.31)	226
09/25/2000	*	12.44	(28.56)	167
09/26/2000	*	17.28	(23.72)	2765
09/27/2000	*	16.95	(24.05)	2510
09/28/2000	*	17.63	(23.37)	3044
09/29/2000	*	17.18	(23.82)	2687
09/30/2000	*	17.60	(23.40)	3020
Avg or Tot		16.18	(24.82)	2330

	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

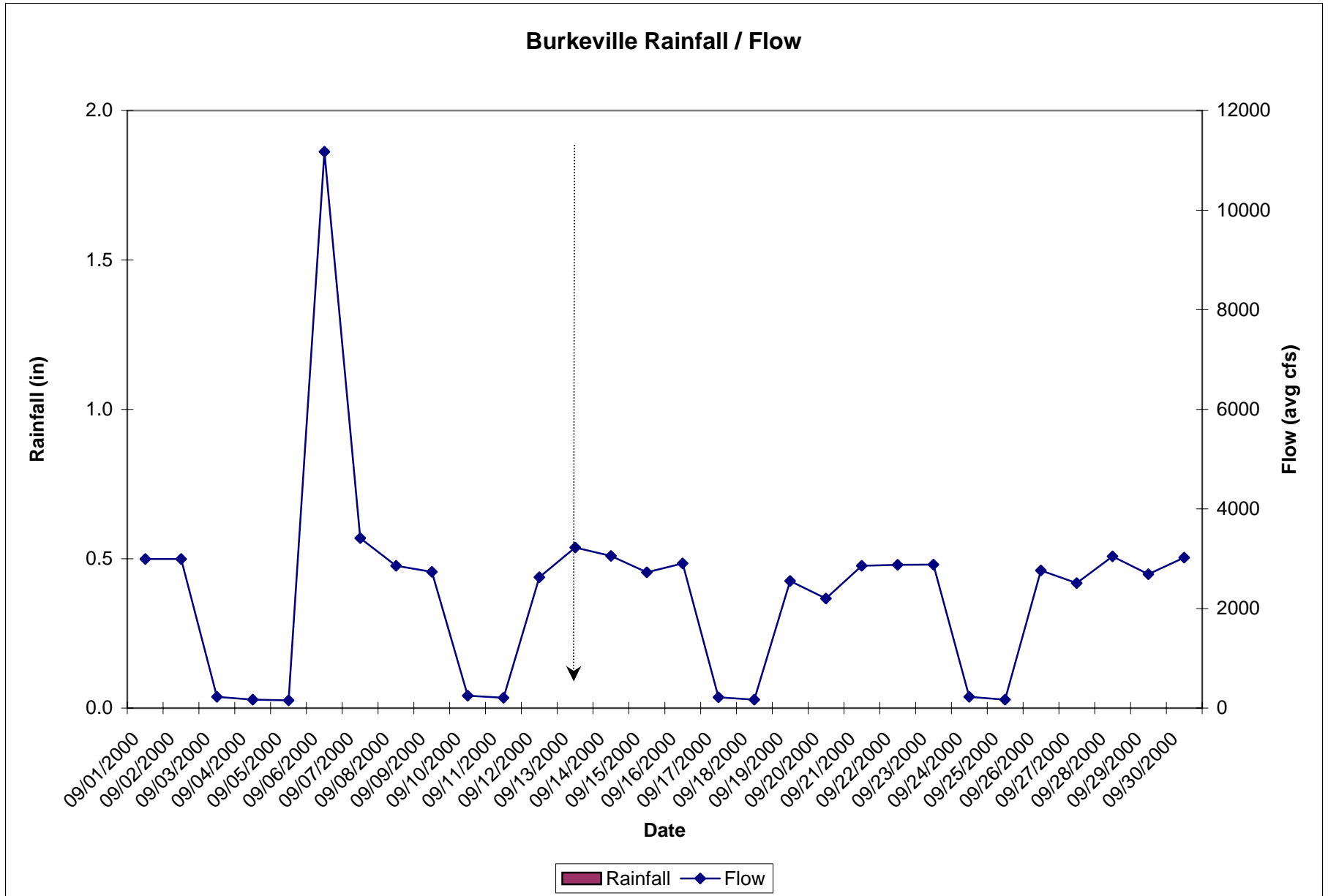
OUT: Gage Out

Lower Sabine Basin Sampled on 9/13/2000

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

SABINE RIVER AUTHORITY OF TEXAS

September 2000



Lower Sabine Basin Sampled on 9/13/2000.

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

September 2000

Date	<i>Gauge Height</i>	<i>GH - FS</i>	<i>Flow Avg</i>	<i>308 Rainfall</i>
09/01/2000	17.82	(12.18)	4245	0.00
09/02/2000	17.28	(12.72)	3720	0.10
09/03/2000	16.17	(13.83)	2755	0.00
09/04/2000	13.45	(16.55)	955	0.00
09/05/2000	12.86	(17.14)	679	0.00
09/06/2000	12.69	(17.31)	607	0.00
09/07/2000	23.44	(6.56)	11390	0.00
09/08/2000	18.12	(11.88)	4546	0.00
09/09/2000	16.54	(13.46)	3064	0.85
09/10/2000	16.21	(13.79)	2788	0.08
09/11/2000	13.59	(16.41)	1027	0.71
09/12/2000	13.15	(16.85)	809	0.06
09/13/2000	16.32	(13.68)	2879	0.38
09/14/2000	16.58	(13.42)	3099	0.06
09/15/2000	16.47	(13.53)	3005	0.00
09/16/2000	16.47	(13.53)	3005	0.00
09/17/2000	16.22	(13.78)	2796	0.00
09/18/2000	13.51	(16.49)	986	0.00
09/19/2000	12.95	(17.05)	718	0.00
09/20/2000	16.32	(13.68)	2879	0.00
09/21/2000	16.38	(13.62)	2929	0.28
09/22/2000	16.40	(13.60)	2946	0.08
09/23/2000	16.56	(13.44)	3081	0.50
09/24/2000	16.27	(13.73)	2838	0.00
09/25/2000	13.54	(16.46)	1001	0.02
09/26/2000	12.97	(17.03)	727	0.02
09/27/2000	16.25	(13.75)	2821	0.00
09/28/2000	16.35	(13.65)	2904	0.00
09/29/2000	16.40	(13.60)	2946	0.00
09/30/2000	16.45	(13.55)	2988	0.00
Avg or Tot	15.79	(14.21)	2704	3.14

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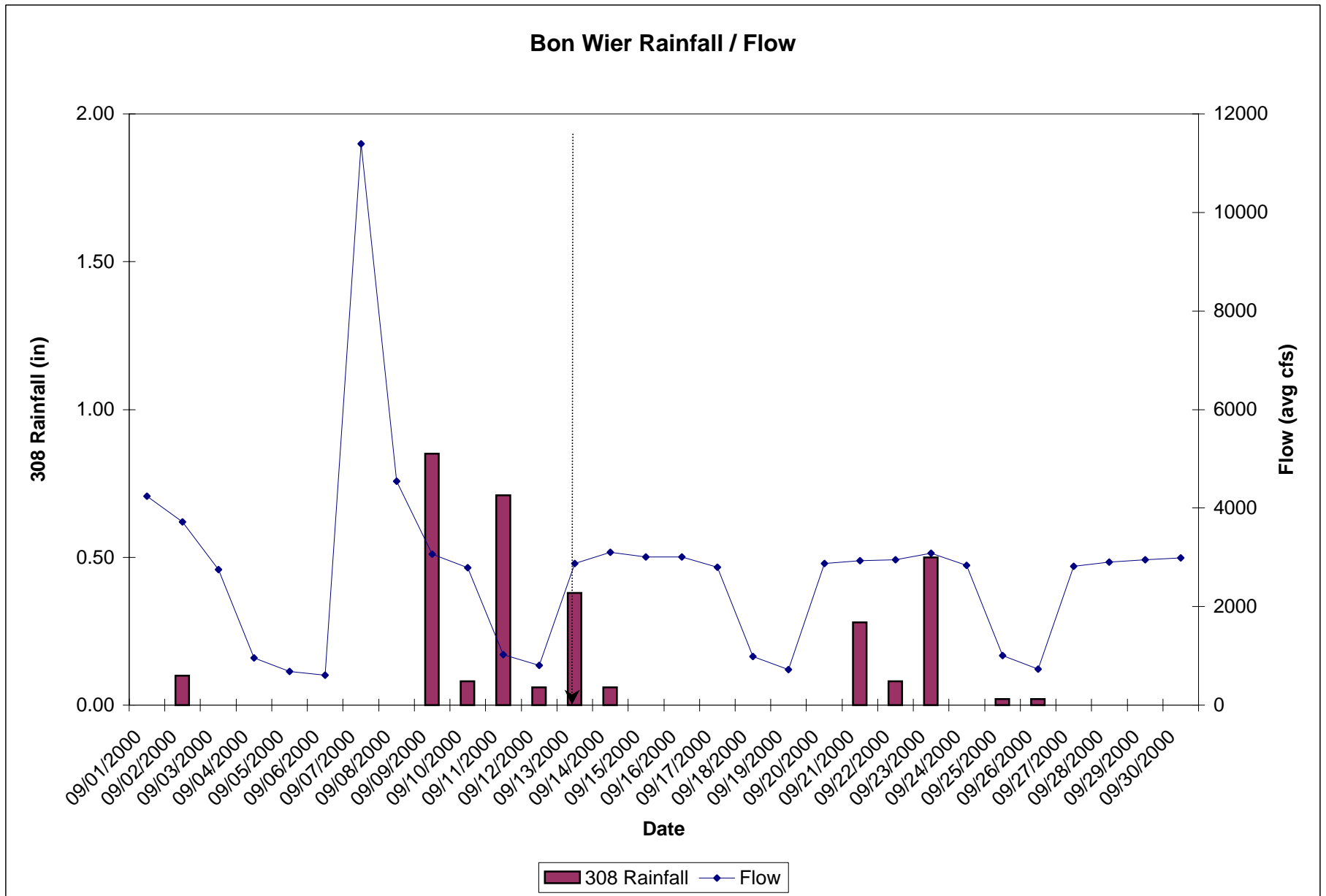
FS: Flood Stage = 30 feet

OUT: Gauge Out

Lower Sabine Basin Sampled on 9/13/2000

Sabine River Authority of Texas

September 2000



SABINE RIVER AUTHORITY OF TEXAS

Ruliff Weather and River Data

September 2000

Date	<i>Gauge Height</i>	<i>GH - FS</i>	<i>Flow cfs</i>	<i>Flow acft</i>	<i>Flow avg</i>	<i>309 Rainfall</i>
09/01/2000	20.34	(3.66)	5069	10054	5069	0.00
09/02/2000	20.87	(3.13)	5770	11445	5420	0.02
09/03/2000	21.03	(2.97)	5984	11869	5608	0.01
09/04/2000	20.50	(3.50)	5300	10512	5531	0.01
09/05/2000	18.25	(5.75)	3084	6117	5041	0.01
09/06/2000	15.58	(8.42)	1648	3269	4476	0.01
09/07/2000	14.57	(9.43)	1282	2543	4020	0.00
09/08/2000	20.14	(3.86)	4790	9501	4116	0.00
09/09/2000	21.56	(2.44)	6804	13496	4415	0.40
09/10/2000	21.54	(2.46)	6769	13426	4650	0.04
09/11/2000	20.87	(3.13)	5770	11445	4752	0.05
09/12/2000	18.52	(5.48)	3266	6478	4628	0.21
09/13/2000	16.24	(7.76)	1928	3824	4420	1.77
09/14/2000	18.20	(5.80)	3051	6052	4323	0.08
09/15/2000	19.59	(4.41)	4173	8277	4313	0.00
09/16/2000	19.87	(4.13)	4462	8850	4322	0.01
09/17/2000	19.97	(4.03)	4568	9060	4336	0.01
09/18/2000	19.86	(4.14)	4452	8830	4343	0.01
09/19/2000	17.89	(6.11)	2851	5655	4264	0.01
09/20/2000	15.42	(8.58)	1587	3148	4130	0.00
09/21/2000	17.89	(6.11)	2851	5655	4069	0.11
09/22/2000	19.39	(4.61)	3973	7880	4065	0.89
09/23/2000	19.83	(4.17)	4420	8767	4081	0.94
09/24/2000	19.96	(4.04)	4557	9039	4100	0.00
09/25/2000	19.95	(4.05)	4547	9019	4118	0.02
09/26/2000	17.89	(6.11)	2851	5655	4070	0.04
09/27/2000	15.44	(8.56)	1595	3164	3978	0.00
09/28/2000	17.98	(6.02)	2907	5766	3940	0.00
09/29/2000	19.33	(4.67)	3914	7763	3939	0.00
09/30/2000	19.61	(4.39)	4193	8317	3947	0.00
Avg or Tot	18.94	(5.06)	3947	234876		4.65

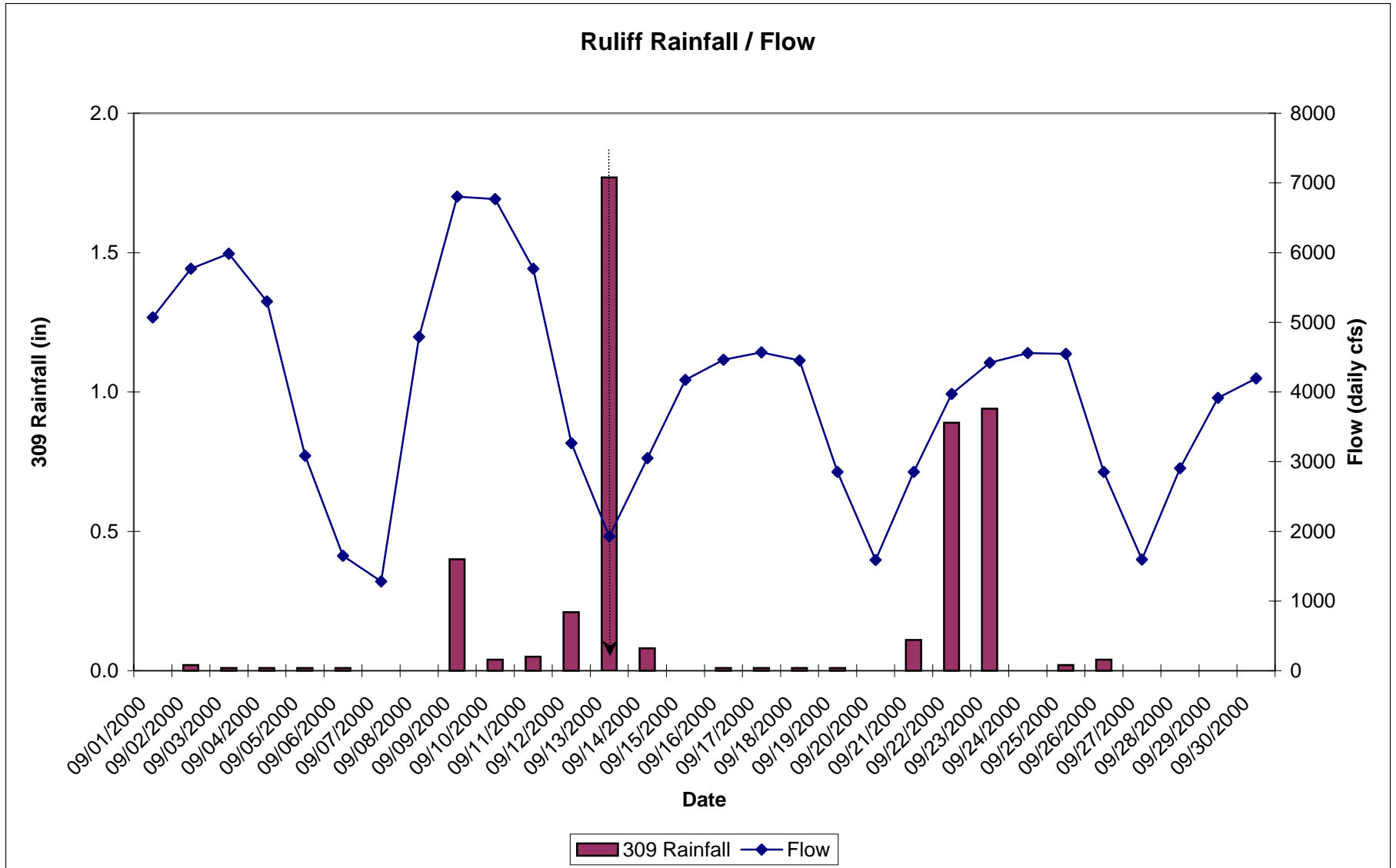
Units	Avg Feet	Avg Feet	Avg cfs	Tot ac ft	Tot Inches
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FS: Flood Stage 24 feet with 10 foot datum

Lower Sabine Basin Sampled on 9/13/2000

SABINE RIVER AUTHORITY OF TEXAS

September 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

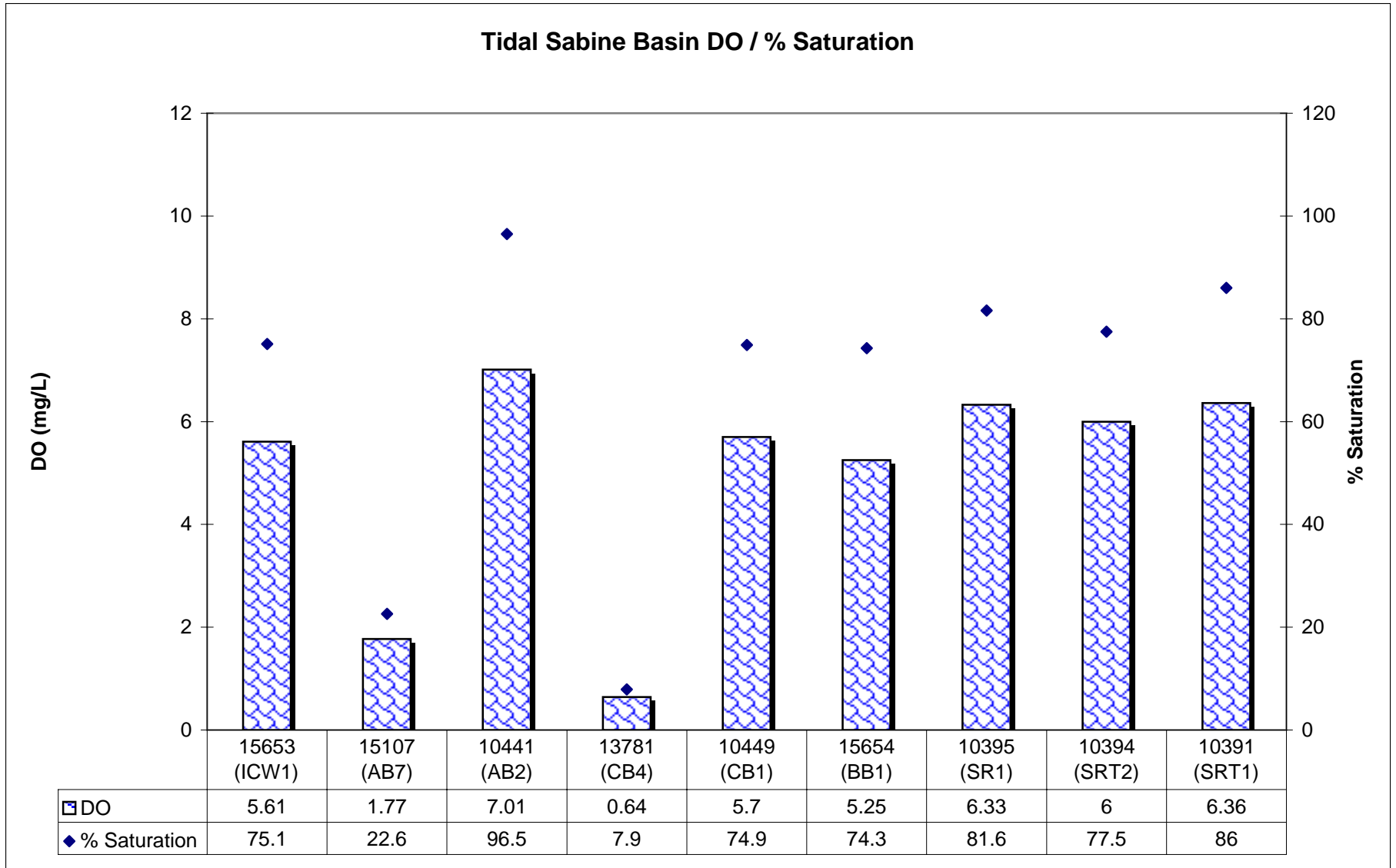
Tidal Report
September 2000

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
9/12/00 10:50 AM	1.05	15653 (ICW1)	29.3	7.14	5.61	75.1	8993	5	0.96	7.09	33	*	*	0.327	0.26	*	6	40	940	2720	317
9/14/00 10:11 AM	1.03	15107 (AB7)	26.8	6.89	1.77	22.6	2558	2	0.5	12	90	78	*	0.537	0.06	< 0.02	9	63	260	628	72.8
9/14/00 12:20 PM	1.03	10441 (AB2)	29.3	7.14	7.01	96.5	11520	7	0.6	6.94	> 120	112	*	< 0.001	< 0.02	< 0.02	9	51	1300	3660	393
9/14/00 10:30 AM	1.02	13781 (CB4)	26.8	6.69	0.64	7.9	332	< 1	0.49	7.97	53	62	*	0.145	0.02	0.05	11	48	52	62.1	9
9/14/00 10:50 AM	1.02	10449 (CB1)	29	7.04	5.7	74.9	15620	10	0.62	7.51	27	50	*	1.46	0.78	< 0.02	10	61	1810	5280	570
9/12/00 11:20 AM	1.01	15654 (BB1)	29.7	7.18	5.25	74.3	17750	10	0.28	6.81	4	*	*	2.28	1.68	*	6	58	2020	6110	656
9/12/00 9:40 AM	1.00	10395 (SR1)	28.4	7.07	6.33	81.6	165	*	0.64	14.8	35	*	*	0.024	< 0.02	*	5	29	32	15.3	18.7
9/12/00 10:02 AM	1.00	10394 (SRT2)	28.7	7.05	6	77.5	572	< 1	0.75	13.9	35	*	*	0.041	< 0.02	*	5	28	68	129	33
9/12/00 1:15 PM	1.00	10391 (SRT1)	29.7	7.37	6.36	86	12480	7	0.99	5.69	7	*	*	< 0.001	0.31	*	6	49	1260	3640	387

*: Not sampled on this run

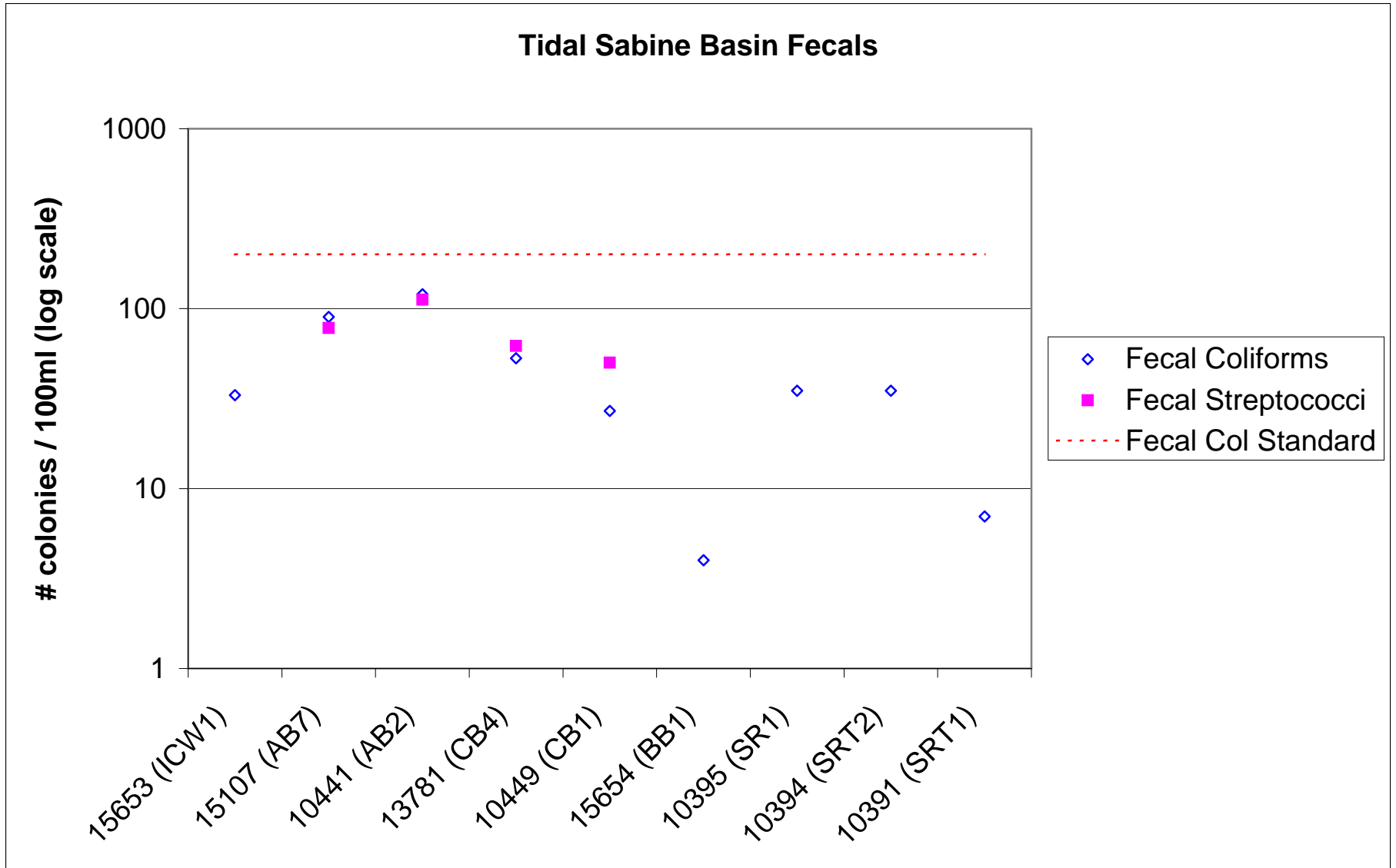
SABINE RIVER AUTHORITY OF TEXAS

September 2000



SABINE RIVER AUTHORITY OF TEXAS

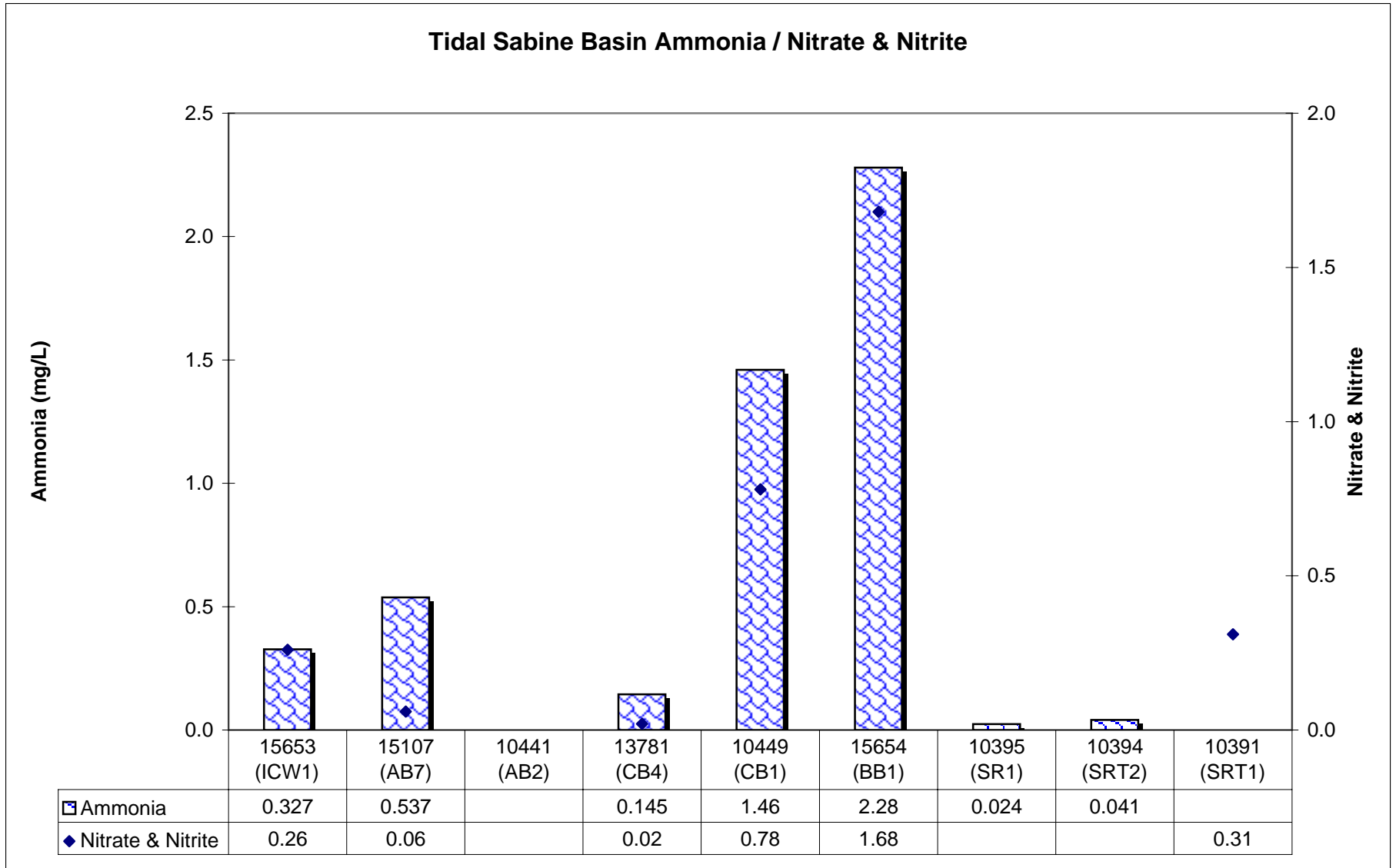
September 2000



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

SABINE RIVER AUTHORITY OF TEXAS

September 2000



Stations without values were below detection limit on this run (see page 40).

SABINE RIVER AUTHORITY OF TEXAS

Tidal Profiles September 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
9/12/00 10:50 AM	1.05	15653 (ICW1)	0.3	29.3	7.14	5.61	75.1	8993	5
			6.1	29.5	7.11	4.3	60.2	19860	12
9/14/00 10:11 AM	1.03	15107 (AB7)	0.3	26.8	6.89	1.77	22.6	2558	2
			1.5	28.2	6.67	0.2	2.5	6521	4
			2.6	28.9	6.53	0.26	3.1	15200	10
9/14/00 12:20 PM	1.03	10441 (AB2)	0.3	29.3	7.14	7.01	96.5	11520	7
			2.4	29.4	6.83	3.55	47.5	14840	9
9/14/00 10:30 AM	1.02	13781 (CB4)	0.3	26.8	6.69	0.64	7.9	332	< 1
			2.3	26.4	6.74	0.8	9.6	337	< 1
9/14/00 10:50 AM	1.02	10449 (CB1)	0.3	29	7.04	5.7	74.9	15620	10
			5	29.1	6.95	4	54	16220	10
			6.2	29.2	6.91	3.18	43.8	16830	11
9/12/00 11:20 AM	1.01	15654 (BB1)	0.3	29.7	7.18	5.25	74.3	17750	10
			6.3	29.5	7.1	4.52	63.5	19860	12
9/12/00 9:40 AM	1.00	10395 (SR1)	0.3	28.4	7.07	6.33	81.6	165	*
			5.4	28.4	7.11	6.32	81.3	168	*
9/12/00 10:02 AM	1.00	10394 (SRT2)	0.3	28.7	7.05	6	77.5	572	< 1
			2	28.6	7.09	5.84	75.6	699	< 1
			4	28.7	7.3	5.64	73.6	1050	< 1
			6	29.3	7.12	4.22	57.4	10790	6
			8.4	30.7	7.07	0.76	8.7	36490	23
9/12/00 1:15 PM	1.00	10391 (SRT1)	0.3	29.7	7.37	6.36	86	12480	7
			2.5	29.5	7.43	5.32	73.3	17330	10
			5	29.6	7.59	4.92	72.5	30340	19
			10.1	29.6	7.58	4.41	65.9	34540	22

*: Not sampled on this run

SABINE RIVER AUTHORITY OF TEXAS

Orange Weather and River Data

September 2000

Date	310 (Orange) Rainfall	Gauge Height	GH - FS	Max Temp	Min Temp	Cur Temp	293 (GCD) Rainfall
09/01/2000	0.00	1.21	(2.79)	107	76	80	0.00
09/02/2000	0.00	0.86	(3.14)	103	73	73	0.00
09/03/2000	OUT	OUT	OUT	103	73	76	0.05
09/04/2000	OUT	OUT	OUT	105	72	72	0.00
09/05/2000	OUT	OUT	OUT	105	71	75	0.00
09/06/2000	OUT	OUT	OUT	102	70	70	0.00
09/07/2000	0.00	1.97	(2.03)	95	68	68	0.00
09/08/2000	0.00	1.66	(2.34)	82	68	70	0.00
09/09/2000	0.18	2.25	(1.75)	82	70	75	0.30
09/10/2000	0.09	2.25	(1.75)	91	74	78	0.15
09/11/2000	0.14	1.92	(2.08)	91	77	77	0.15
09/12/2000	0.03	1.90	(2.10)	90	74	74	0.03
09/13/2000	0.35	1.74	(2.26)	88	74	74	0.17
09/14/2000	0.04	1.58	(2.42)	86	72	72	0.51
09/15/2000	0.00	1.33	(2.67)	88	72	74	0.00
09/16/2000	0.00	1.26	(2.74)	91	60	60	0.00
09/17/2000	0.00	1.66	(2.34)	83	53	53	0.00
09/18/2000	0.00	1.98	(2.02)	87	53	53	0.00
09/19/2000	0.00	2.34	(1.66)	85	61	63	0.00
09/20/2000	0.00	2.38	(1.62)	89	62	76	0.00
09/21/2000	1.07	2.35	(1.65)	89	73	73	0.60
09/22/2000	0.38	2.37	(1.63)	84	73	76	1.02
09/23/2000	0.06	2.30	(1.70)	88	76	80	0.21
09/24/2000	0.00	2.30	(1.70)	91	77	79	0.00
09/25/2000	0.06	1.54	(2.46)	92	63	63	0.14
09/26/2000	0.02	0.49	(3.51)	72	51	51	0.02
09/27/2000	0.00	1.30	(2.70)	71	49	49	0.00
09/28/2000	0.00	1.21	(2.79)	80	49	49	0.00
09/29/2000	0.00	1.21	(2.79)	84	48	51	0.00
09/30/2000	0.00	1.81	(2.19)	84	51	53	0.00
Avg or Tot	2.42	1.74	(2.26)	90	66	68	3.35

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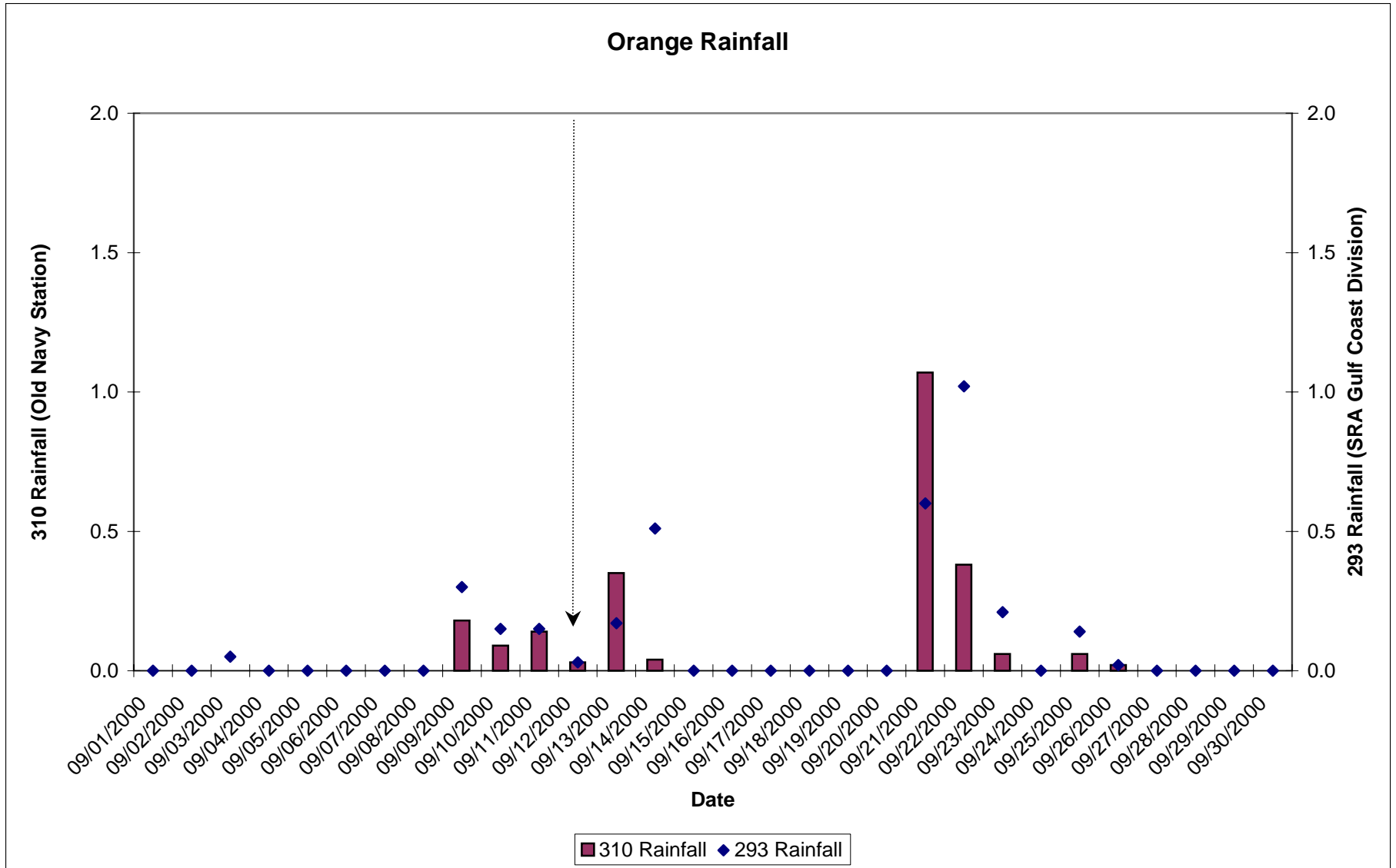
Appx. 8 am

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 9/12/2000

SABINE RIVER AUTHORITY OF TEXAS

September 2000



Tidal Sabine Basin Sampled on 9/12/2000